

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000806.D
 Acq On : 26 Nov 2019 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 11/27/2019 5:14:35 PM

Quant Time: Nov 27 05:27:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	289987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	507909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	461996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	221022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	150578	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.72	113	144242	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.18	98	586393	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.48	95	212178	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	135574	47.493	ug/l	99
3) Chloromethane	2.12	50	187260	47.620	ug/l	97
4) Vinyl Chloride	2.25	62	183360	50.212	ug/l	96
5) Bromomethane	2.65	94	115110	52.566	ug/l	99
6) Chloroethane	2.79	64	120839	52.873	ug/l	97
7) Trichlorofluoromethane	3.13	101	265869	53.911	ug/l	99
8) Diethyl Ether	3.53	74	101420	57.878	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	163806	54.942	ug/l	96
10) Methyl Iodide	4.09	142	199936	50.886	ug/l	98
11) Tert butyl alcohol	4.97	59	76124	260.585	ug/l	99
12) 1,1-Dichloroethene	3.87	96	160498	55.408	ug/l	87
13) Acrolein	3.73	56	54464	214.038	ug/l	99
14) Allyl chloride	4.48	41	294723	62.572	ug/l	95
15) Acrylonitrile	5.16	53	260423	290.116	ug/l	98
16) Acetone	3.95	43	167188	202.136	ug/l	97
17) Carbon Disulfide	4.19	76	465508	50.953	ug/l	100
18) Methyl Acetate	4.48	43	149448	58.111	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	470172	58.379	ug/l	99
20) Methylene Chloride	4.72	84	190863	53.854	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	184559	56.358	ug/l	98
22) Diisopropyl ether	6.12	45	641122	62.624	ug/l	93
23) Vinyl Acetate	6.07	43	1895415	293.292	ug/l	96
24) 1,1-Dichloroethane	6.02	63	334003	60.222	ug/l	99
25) 2-Butanone	6.99	43	336392	254.841	ug/l	99
26) 2,2-Dichloropropane	6.99	77	285715	56.371	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	212667	59.390	ug/l	100
28) Bromochloromethane	7.34	49	146408	57.237	ug/l	93
29) Tetrahydrofuran	7.35	42	226963	281.058	ug/l	99
30) Chloroform	7.51	83	329155	58.667	ug/l	98
31) Cyclohexane	7.79	56	328015	56.467	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	281182	56.233	ug/l	99
36) 1,1-Dichloropropene	7.92	75	262377	54.645	ug/l	99
37) Ethyl Acetate	7.08	43	149766	52.537	ug/l	97
38) Carbon Tetrachloride	7.90	117	242395	52.465	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	338623	54.588	ug/l	98
40) Benzene	8.16	78	783011	55.623	ug/l	100
41) Methacrylonitrile	7.33	41	100818m	63.396	ug/l	
42) 1,2-Dichloroethane	8.24	62	214721	53.780	ug/l	99
43) Isopropyl Acetate	8.28	43	292191	54.564	ug/l	98
44) Trichloroethene	8.94	130	202737	54.623	ug/l	99
45) 1,2-Dichloropropane	9.22	63	203323	58.686	ug/l	96
46) Dibromomethane	9.31	93	103257	54.192	ug/l	97
47) Bromodichloromethane	9.50	83	254439	56.278	ug/l	96
48) Methyl methacrylate	9.30	41	126504	54.068	ug/l	97
49) 1,4-Dioxane	9.30	88	27552	1074.410	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	770917	270.770	ug/l	96
52) Toluene	10.24	92	493973	55.503	ug/l	98
53) t-1,3-Dichloropropene	10.46	75	278824	57.718	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	320788	57.965	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	154852	56.189	ug/l	98
56) Ethyl methacrylate	10.51	69	232799	59.599	ug/l	95
57) 1,3-Dichloropropane	10.79	76	278212	57.679	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	475954	269.526	ug/l	97
59) 2-Hexanone	10.83	43	552848	266.509	ug/l	96
60) Dibromochloromethane	10.99	129	175738	55.671	ug/l	100
61) 1,2-Dibromoethane	11.09	107	147160	55.536	ug/l	98
64) Tetrachloroethene	10.72	164	211014	55.237	ug/l	98
65) Chlorobenzene	11.52	112	517259	55.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	181296	55.808	ug/l	99
67) Ethyl Benzene	11.59	91	958043	55.574	ug/l	99
68) m/p-Xylenes	11.70	106	718668	107.710	ug/l	97
69) o-Xylene	12.03	106	341802	54.507	ug/l	98
70) Styrene	12.04	104	596617	55.562	ug/l	99
71) Bromoform	12.20	173	99949	53.492	ug/l #	98
73) Isopropylbenzene	12.33	105	936720	57.343	ug/l	99
74) N-amyl acetate	12.14	43	260991	55.787	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	179886	55.617	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	130623m	51.904	ug/l	
77) Bromobenzene	12.61	156	203456	54.924	ug/l	95
78) n-propylbenzene	12.67	91	1128420	57.252	ug/l	100
79) 2-Chlorotoluene	12.75	91	620215	56.682	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	766289	56.325	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	68156	60.722	ug/l	91
82) 4-Chlorotoluene	12.85	91	655377	57.782	ug/l	97
83) tert-Butylbenzene	13.07	119	659496	56.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	769385	56.799	ug/l	99
85) sec-Butylbenzene	13.25	105	954473	57.673	ug/l	99
86) p-Isopropyltoluene	13.37	119	826786	56.053	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	391196	53.916	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	397357	54.805	ug/l	98
89) n-Butylbenzene	13.69	91	827117	56.854	ug/l	99
90) Hexachloroethane	13.96	117	154793	56.766	ug/l	95
91) 1,2-Dichlorobenzene	13.73	146	361878	54.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	28092	49.076	ug/l	93

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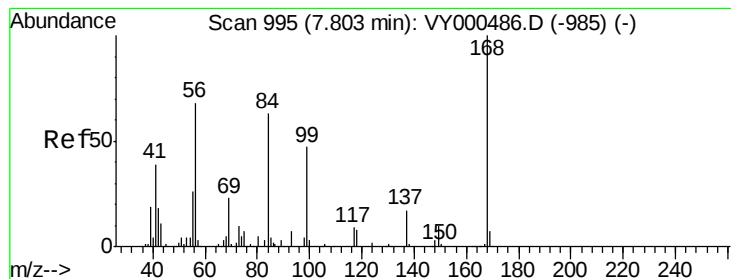
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	234875	52.399	ug/l	99
94) Hexachlorobutadiene	15.11	225	118715	51.378	ug/l	99
95) Naphthalene	15.23	128	546795	54.950	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	212898	52.941	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 289987

Ion Ratio Lower Upper

168 100

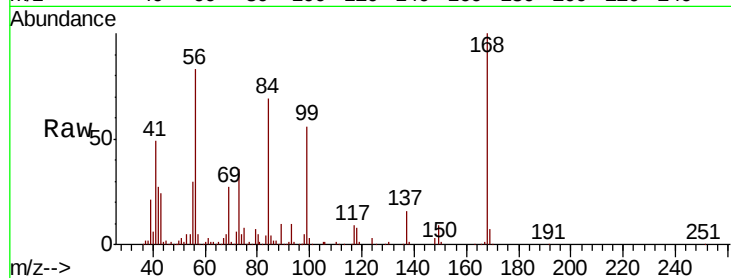
99 55.5 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

150000

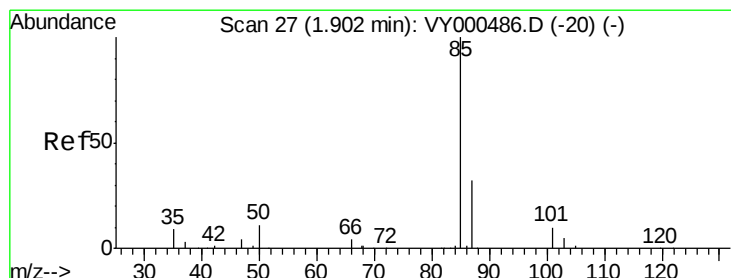
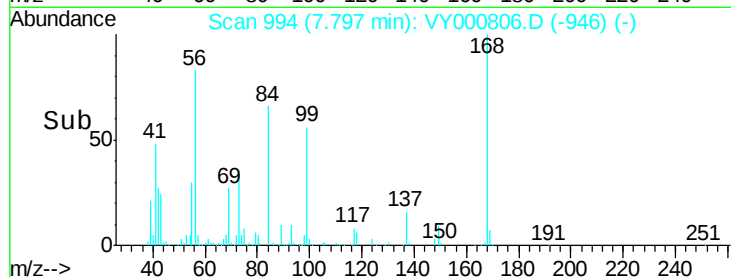
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.493 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000806.D

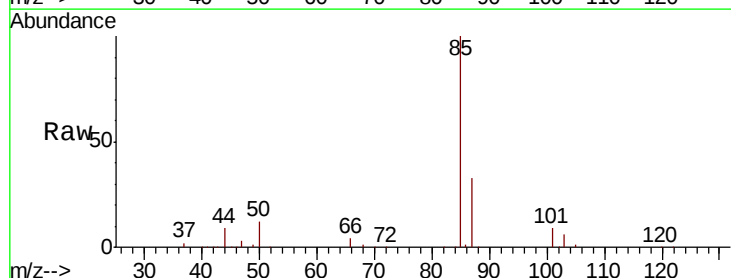
Acq: 26 Nov 2019 17:37

Tgt Ion: 85 Resp: 135574

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

100000

80000

60000

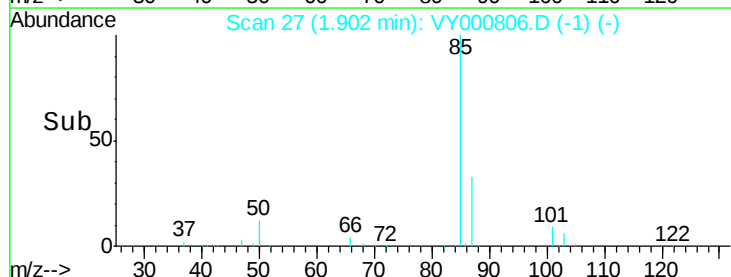
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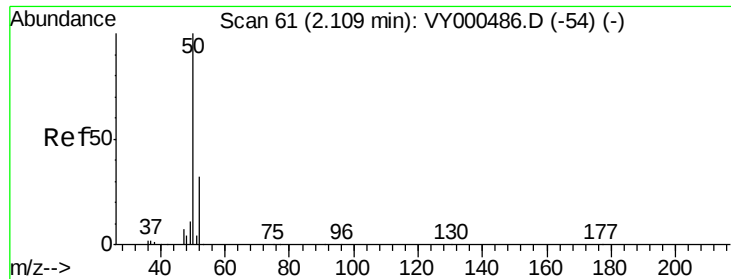
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 47.620 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 187260

Ion Ratio Lower Upper

50 100

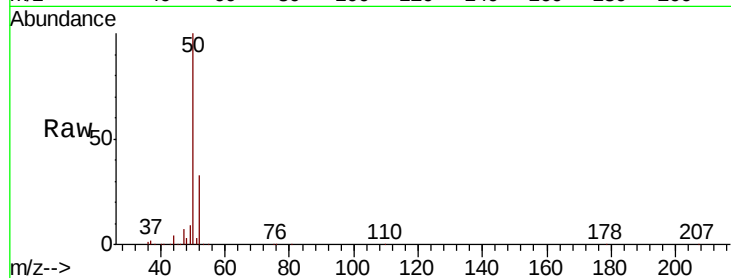
52 33.0 25.2 37.8

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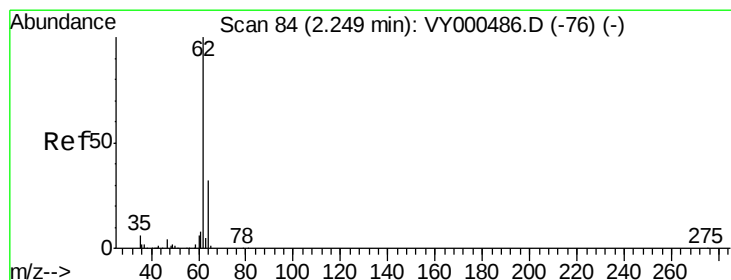
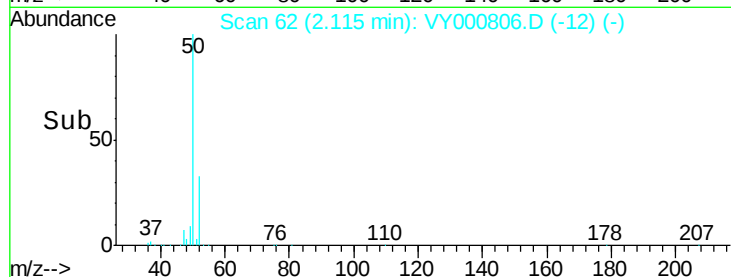
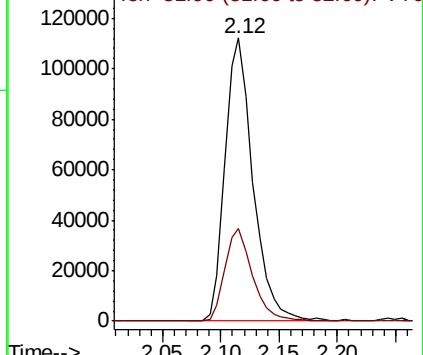
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 50.212 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000806.D

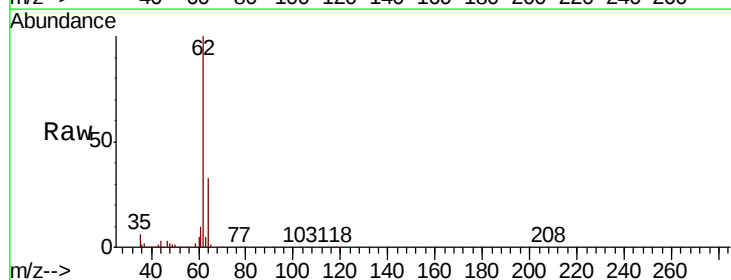
Acq: 26 Nov 2019 17:37

Tgt Ion: 62 Resp: 183360

Ion Ratio Lower Upper

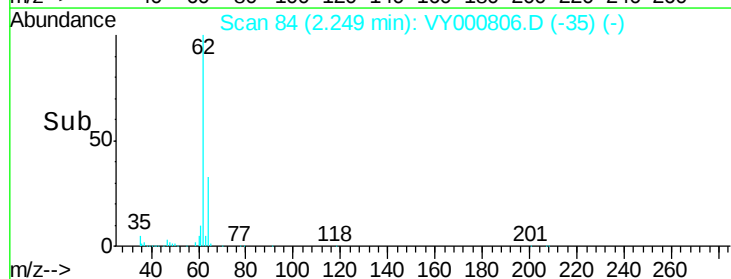
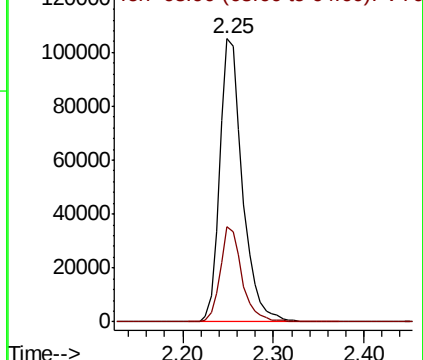
62 100

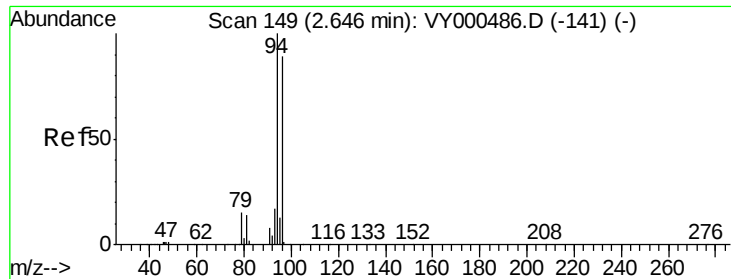
64 33.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 52.566 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.00 min

Lab File: VY000806.D

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 115110

Ion Ratio Lower Upper

94 100

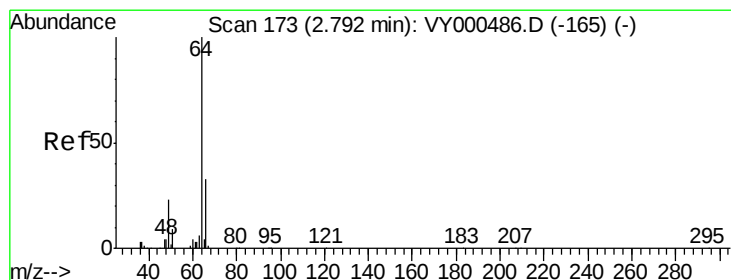
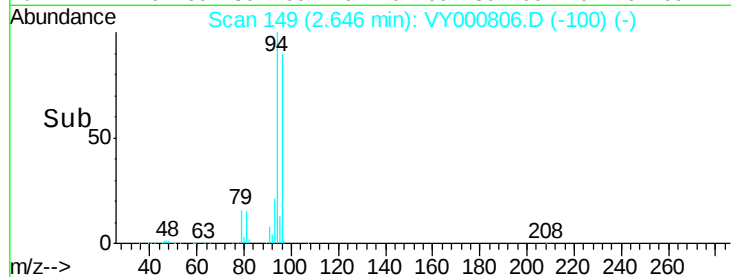
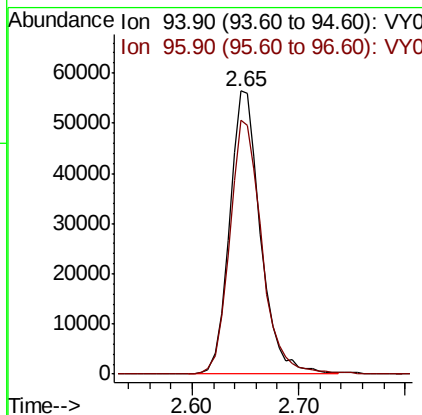
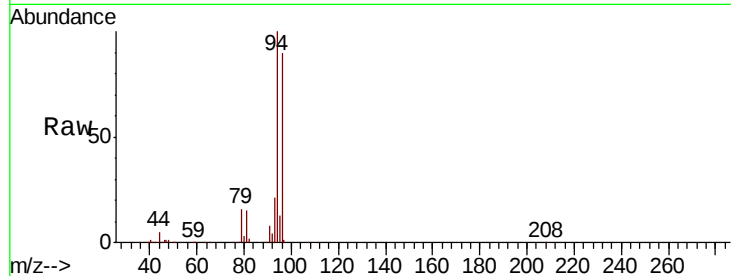
96 89.6 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 52.873 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000806.D

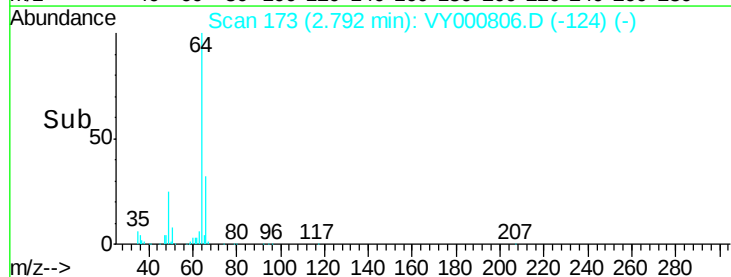
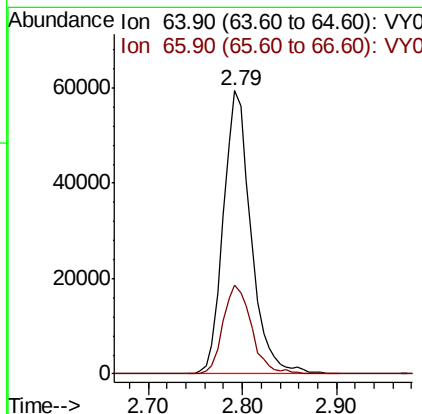
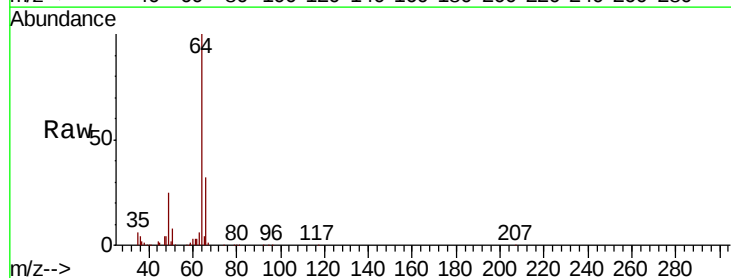
Acq: 26 Nov 2019 17:37

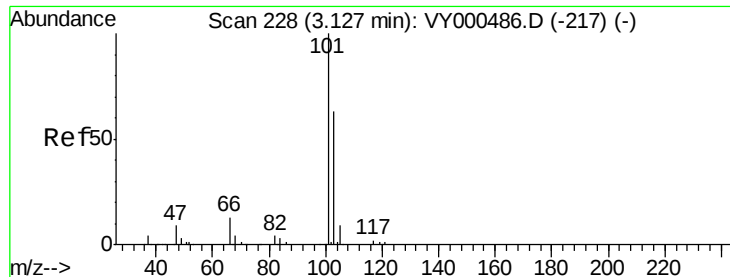
Tgt Ion: 64 Resp: 120839

Ion Ratio Lower Upper

64 100

66 31.5 26.6 40.0





#7

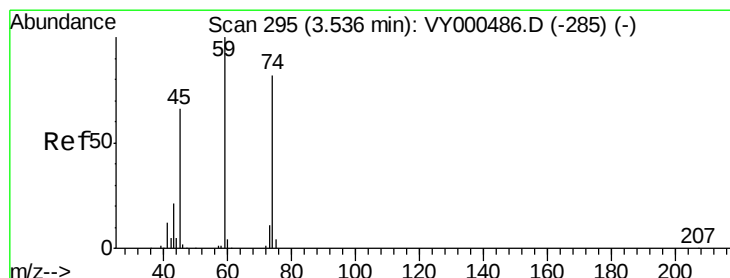
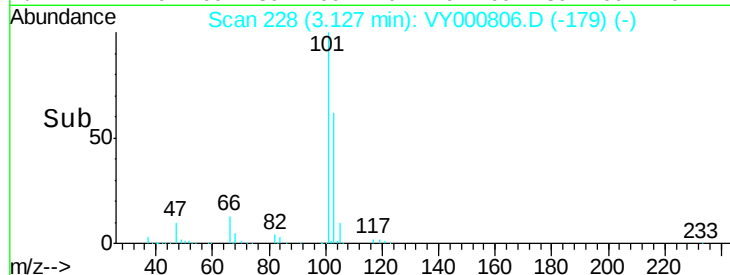
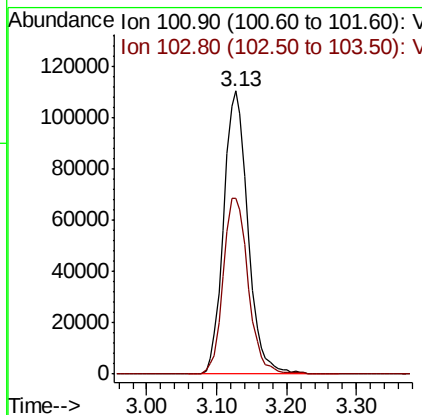
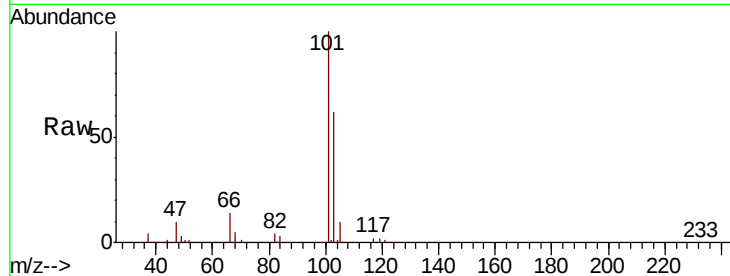
Trichlorofluoromethane
 Concen: 53.911 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

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 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	50.5	75.7

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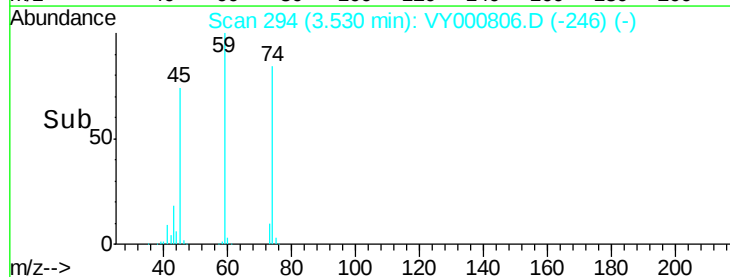
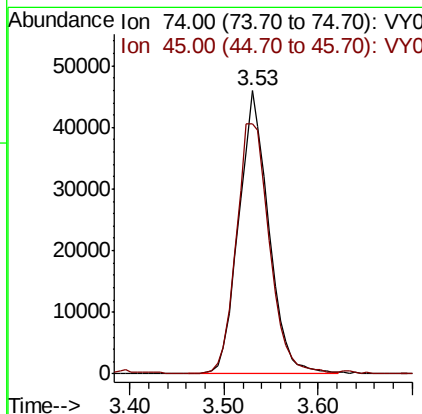
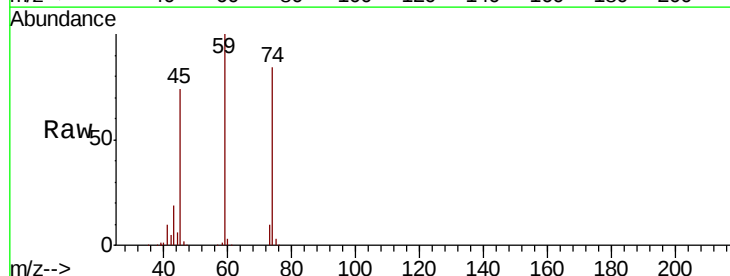
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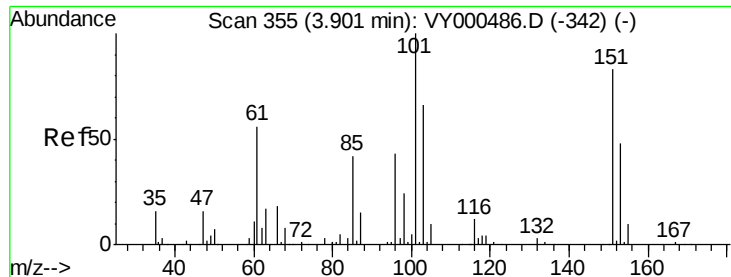


#8

Diethyl Ether
 Concen: 57.878 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000806.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	45.5	136.4





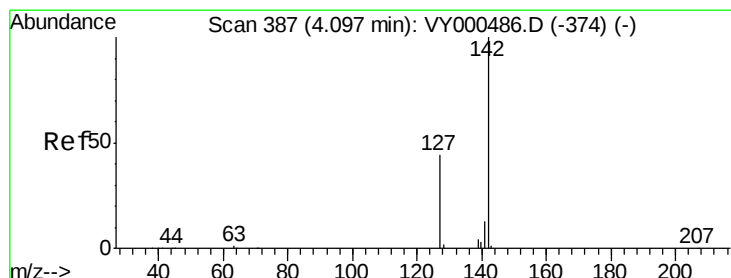
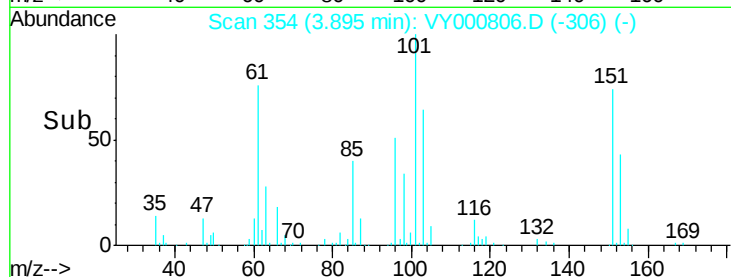
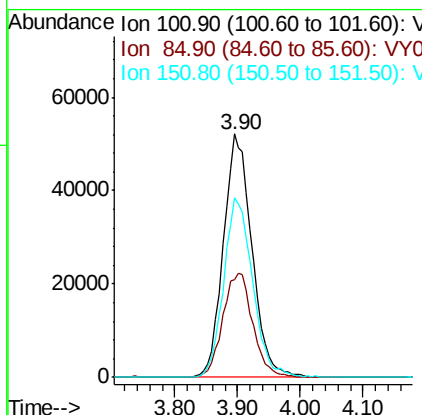
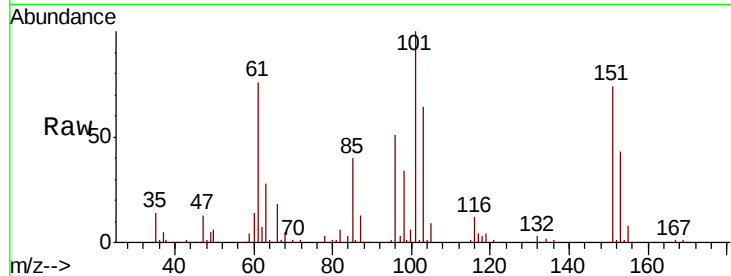
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.942 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	163806		
85	45.0	36.7	55.1	
151	74.9	64.3	96.5	

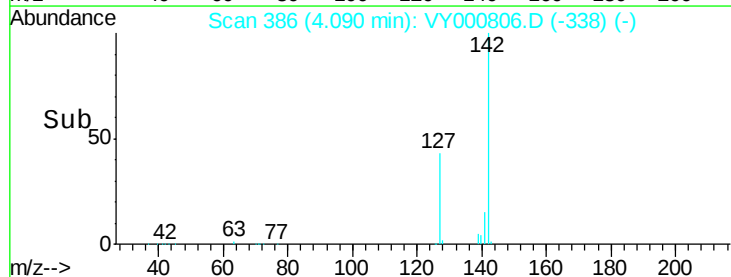
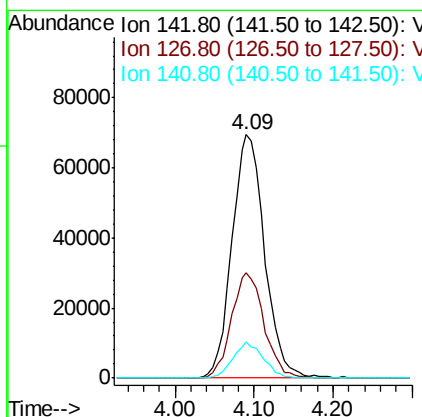
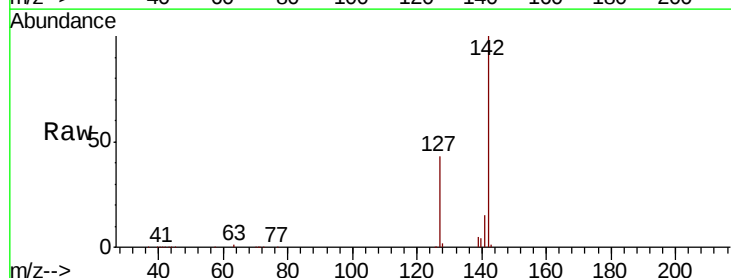
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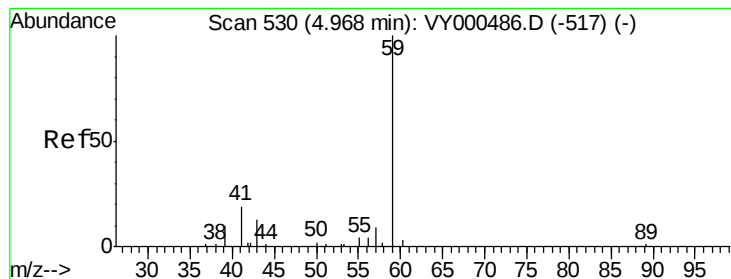
apatel
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#10
 Methyl Iodide
 Concen: 50.886 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	199936		
127	43.3	33.7	50.5	
141	13.8	10.9	16.3	





#11

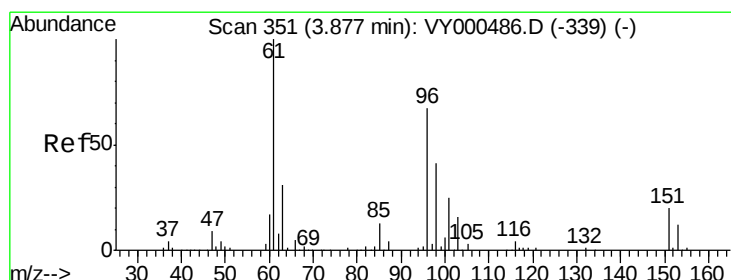
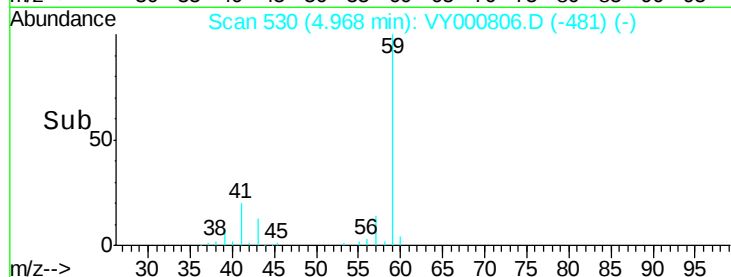
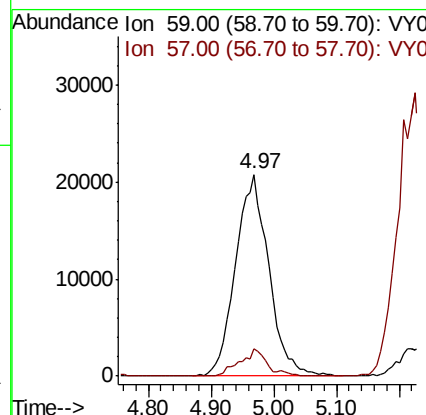
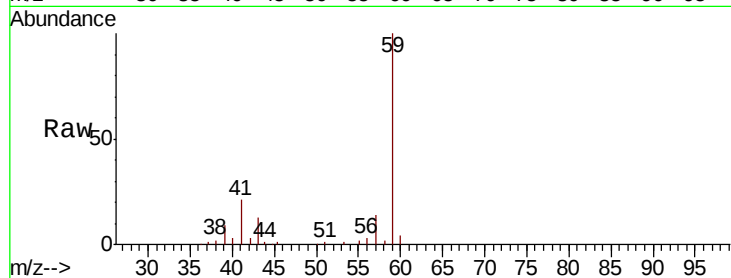
Tert butyl alcohol
 Concen: 260.585 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Ratio	100	11.2	Resp	76124	Lower	Upper
59	100								
57		11.2						8.6	12.8

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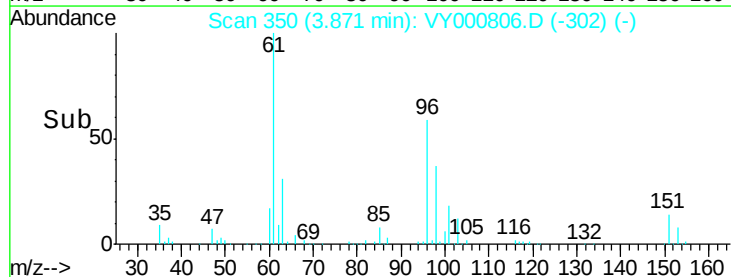
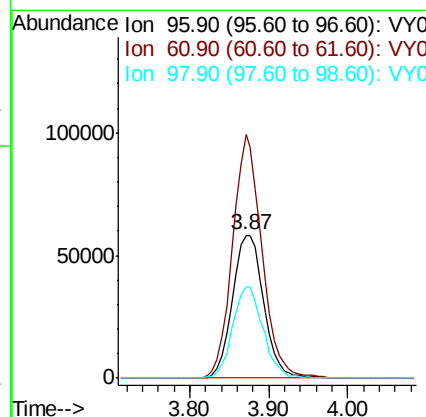
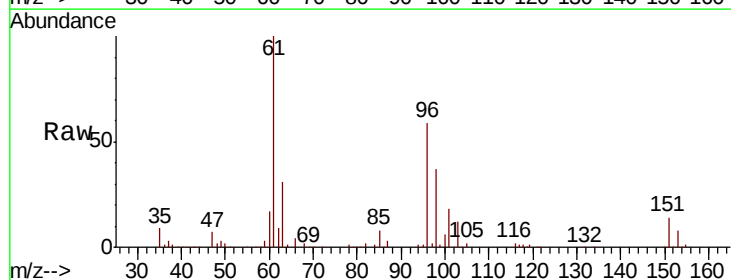
apatel
 11/27/2019 5:14:35 PM

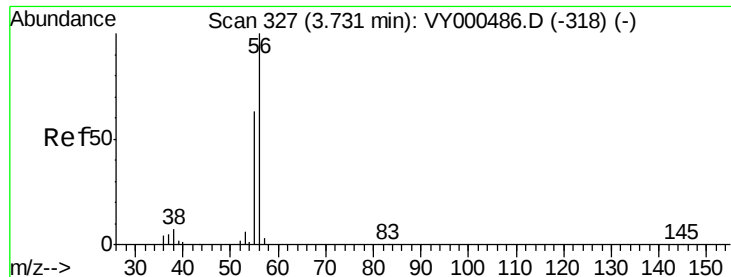


#12

1,1-Dichloroethene
 Concen: 55.408 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion	96	61	98	Ratio	100	170.6	63.6	Resp	160498	Lower	Upper
96	100										
61		170.6								119.2	178.8
98			63.6							48.6	73.0





#13

Acrolein

Concen: 214.038 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 54464

Ion Ratio Lower Upper

56 100

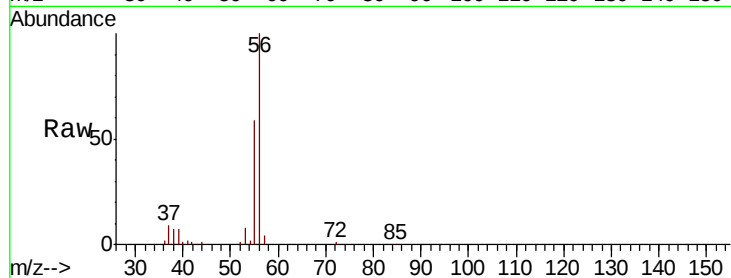
55 70.1 57.0 85.6

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

25000

20000

15000

10000

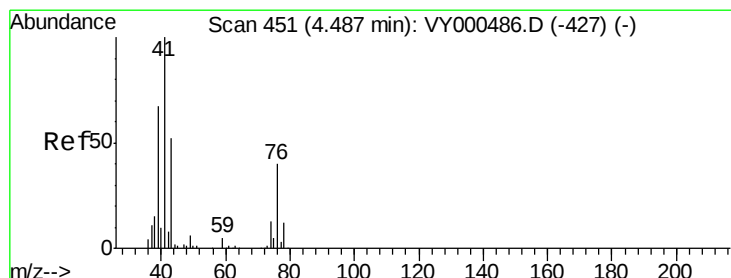
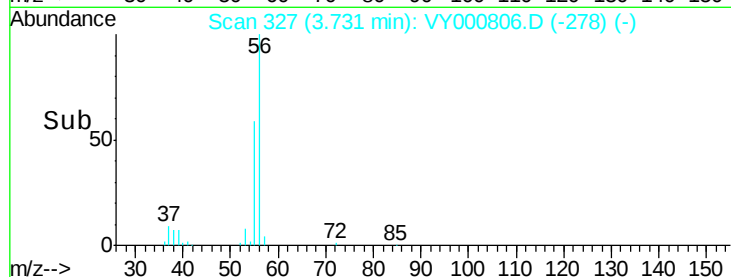
5000

0

Time-->

3.60 3.70 3.80

3.73



#14

Allyl chloride

Concen: 62.572 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

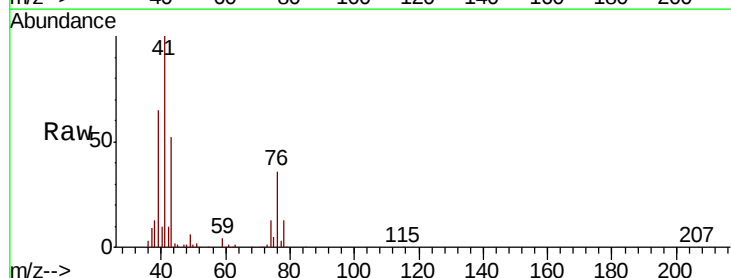
Tgt Ion: 41 Resp: 294723

Ion Ratio Lower Upper

41 100

39 61.9 53.6 80.4

76 35.8 29.8 44.6



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

120000

100000

80000

60000

40000

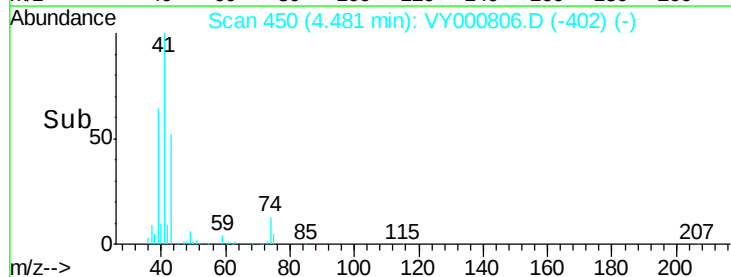
20000

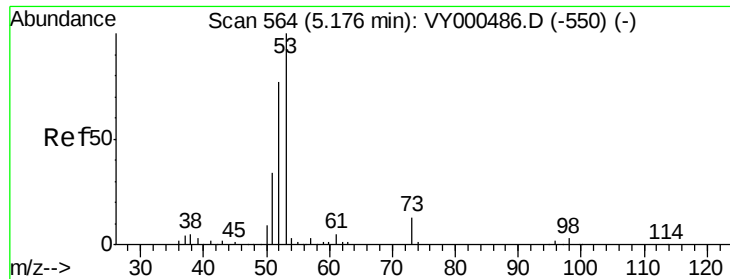
0

Time-->

4.30 4.40 4.50 4.60 4.70

4.48





#15

Acrylonitrile

Concen: 290.116 ug/l

RT: 5.16 min Scan# 562

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

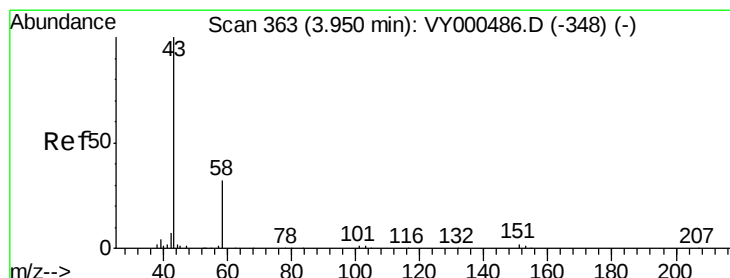
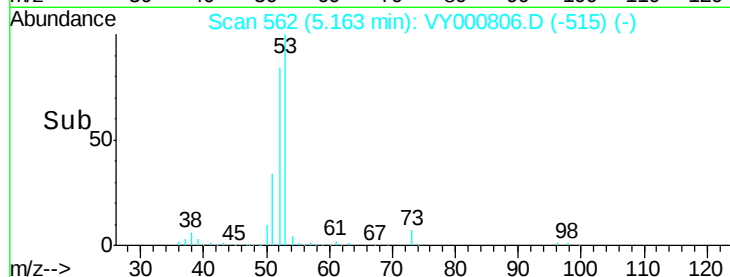
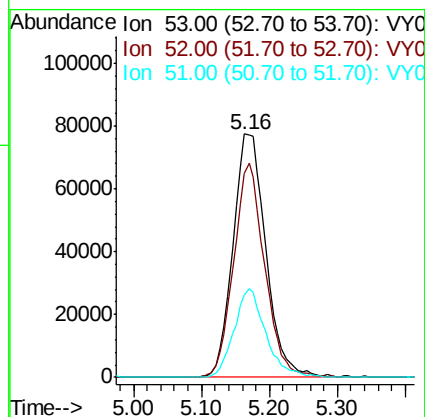
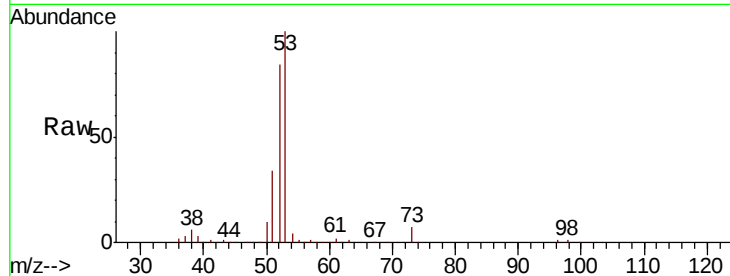
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	260423
Ion Ratio	Lower	Upper	
53	100		
52	83.0	64.9	97.3
51	35.4	27.6	41.4

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#16

Acetone

Concen: 202.136 ug/l

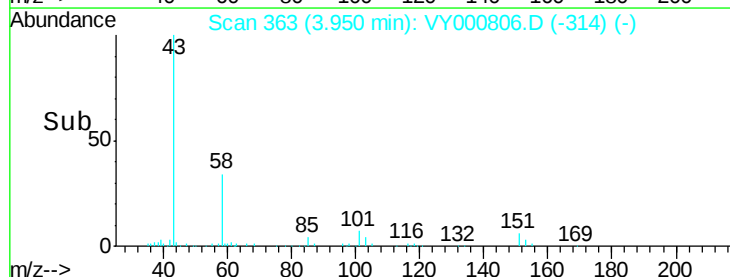
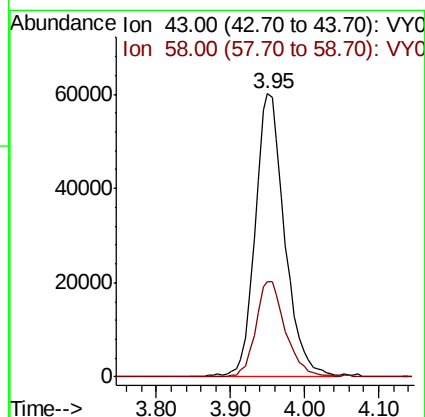
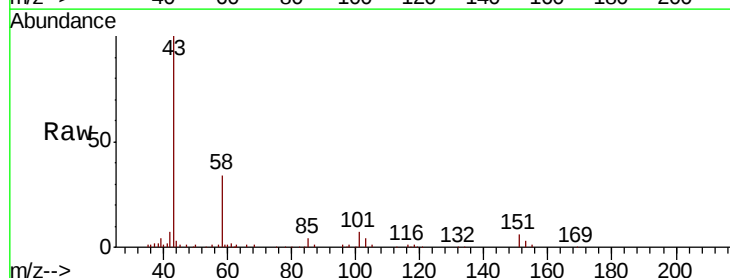
RT: 3.95 min Scan# 363

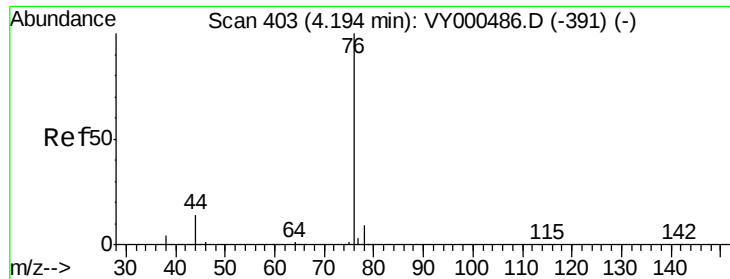
Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Tgt Ion:	43	Resp:	167188
Ion Ratio	Lower	Upper	
43	100		
58	33.8	25.8	38.6





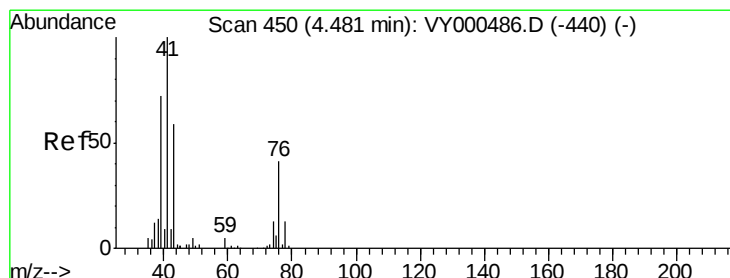
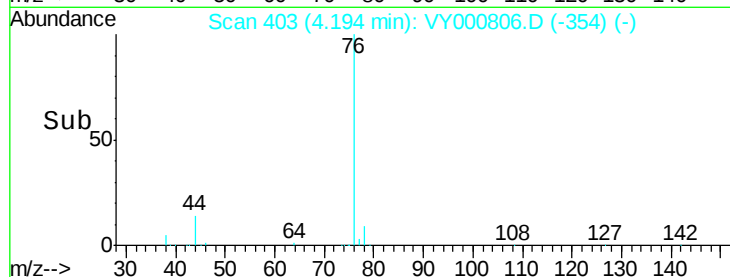
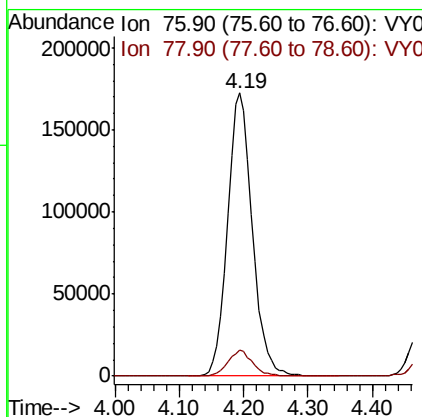
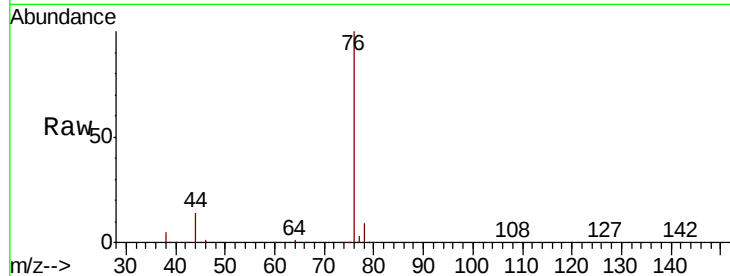
#17
Carbon Disulfide
Concen: 50.953 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

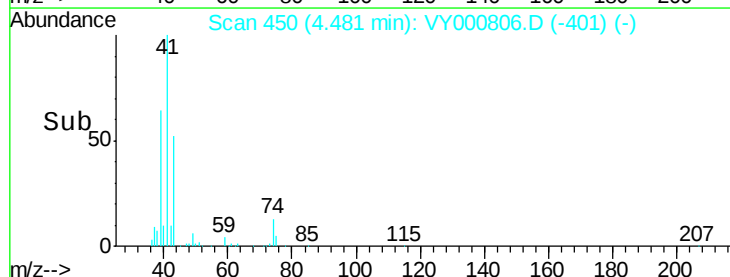
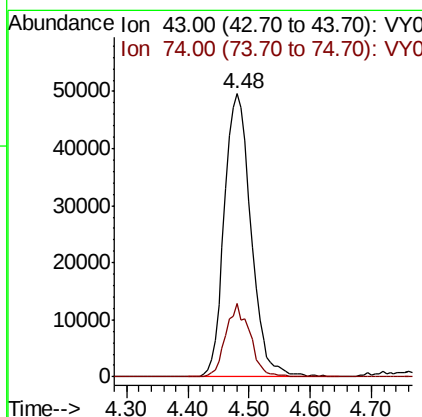
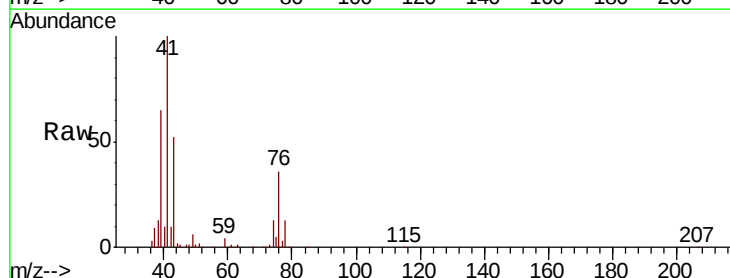
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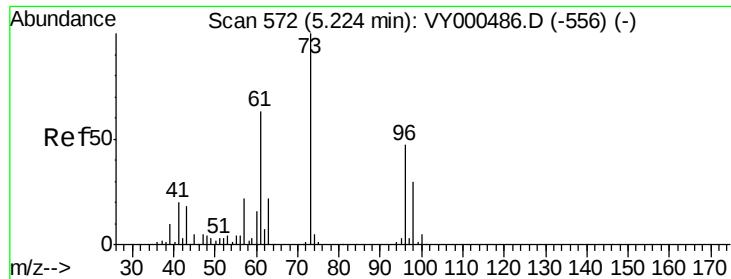
apatel
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#18
Methyl Acetate
Concen: 58.111 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.2	28.8





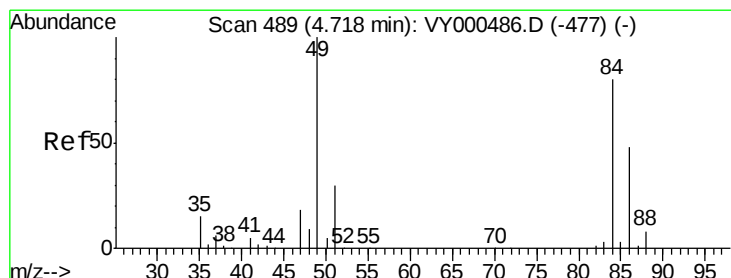
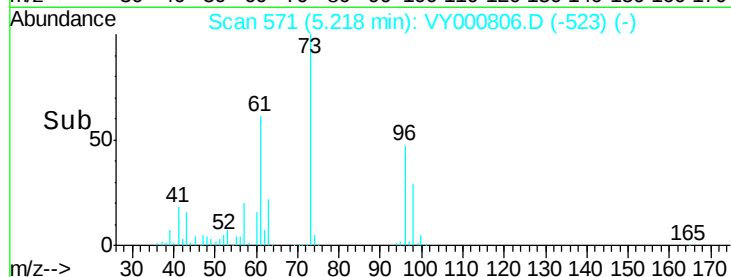
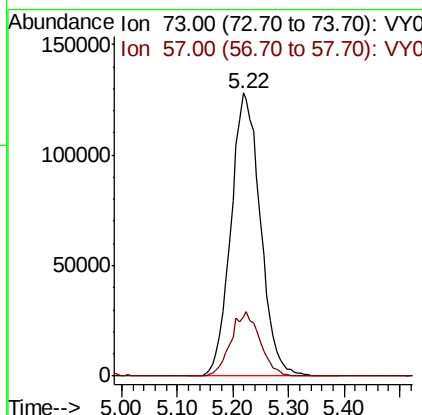
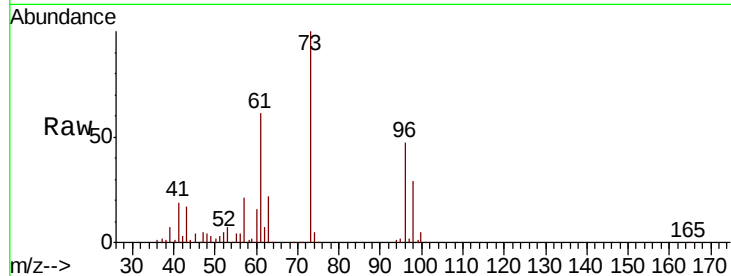
#19
Methvl tert-butvl Ether
Concen: 58.379 ug/l
RT: 5.22 min Scan# 571
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 470172
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0

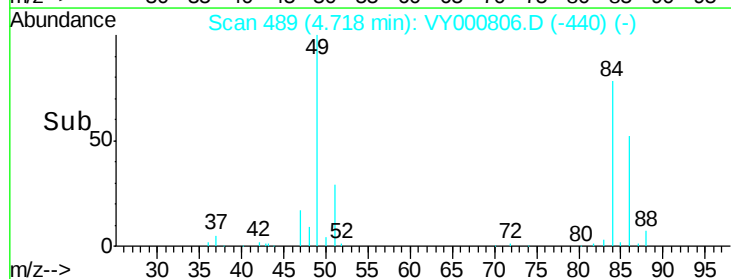
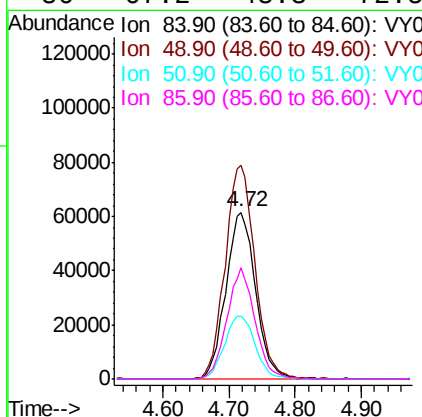
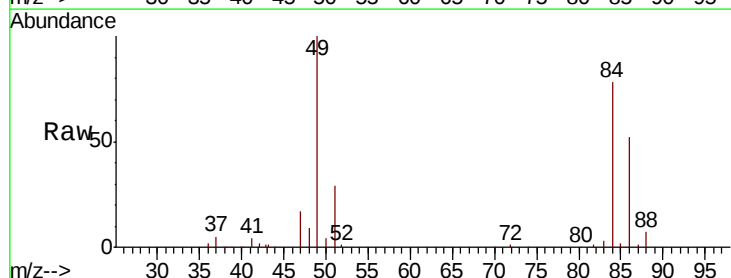
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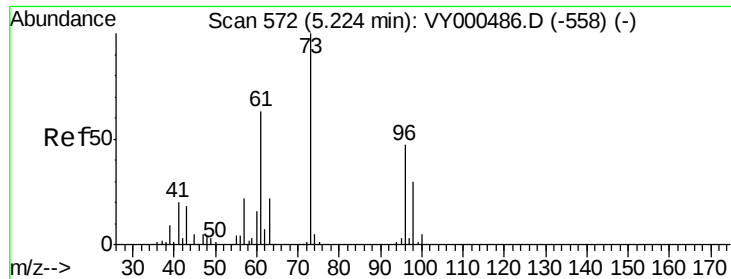
apatel
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#20
Methylene Chloride
Concen: 53.854 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion: 84 Resp: 190863
Ion Ratio Lower Upper
84 100
49 128.2 100.2 150.4
51 37.7 29.6 44.4
86 67.2 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 56.358 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

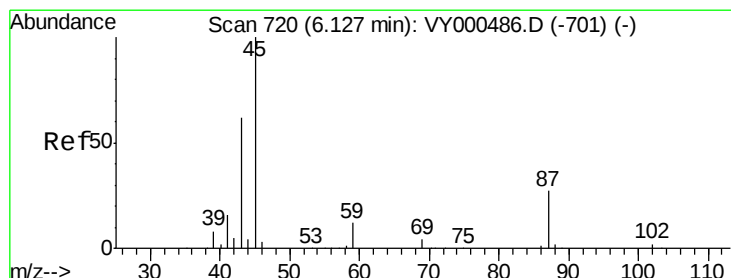
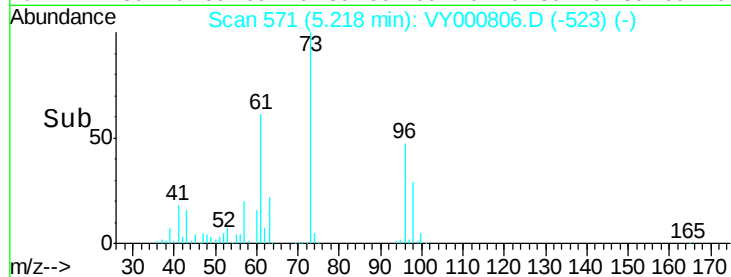
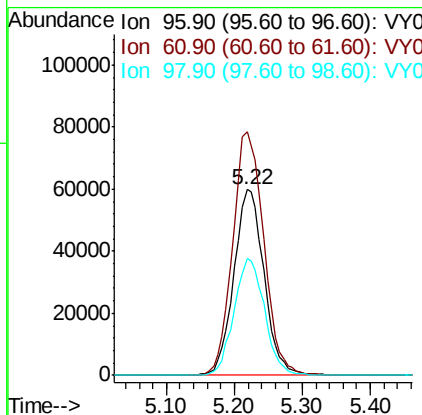
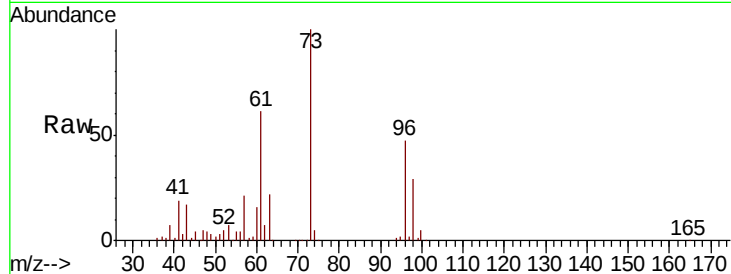
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	184559
Ion	Ratio	Lower	Upper
96	100		
61	131.0	106.6	160.0
98	62.6	50.6	76.0

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#22

Diisopropyl ether

Concen: 62.624 ug/l

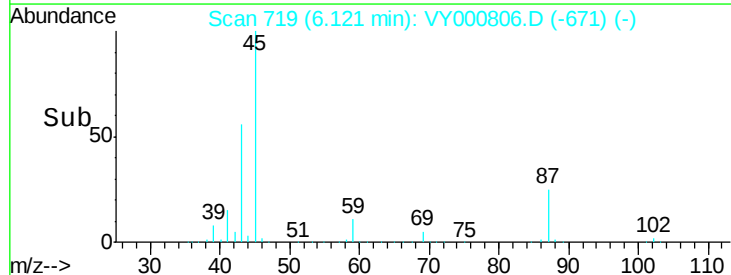
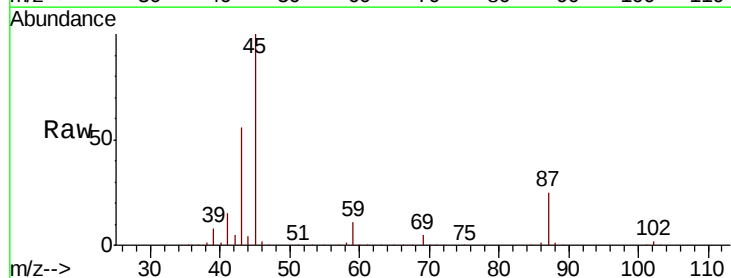
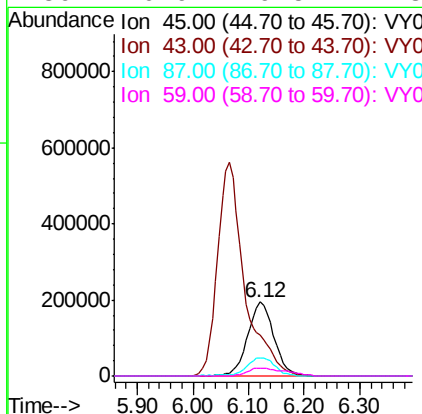
RT: 6.12 min Scan# 719

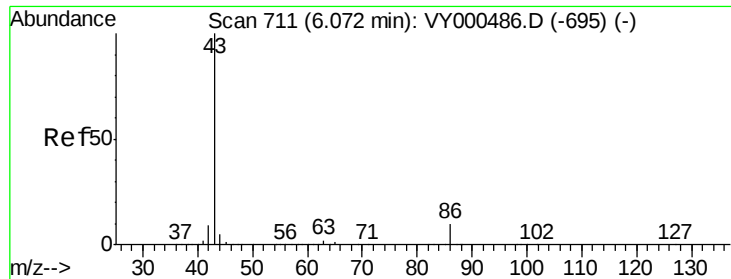
Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Tgt Ion:	45	Resp:	641122
Ion	Ratio	Lower	Upper
45	100		
43	55.4	50.0	75.0
87	24.9	21.6	32.4
59	10.9	9.5	14.3





#23

Vinyl Acetate

Concen: 293.292 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1895415

Ion Ratio Lower Upper

43 100

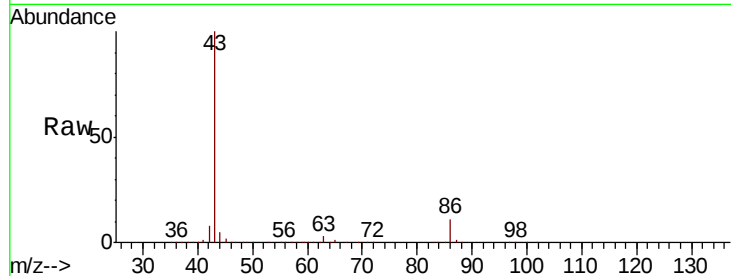
86 11.0 7.8 11.6

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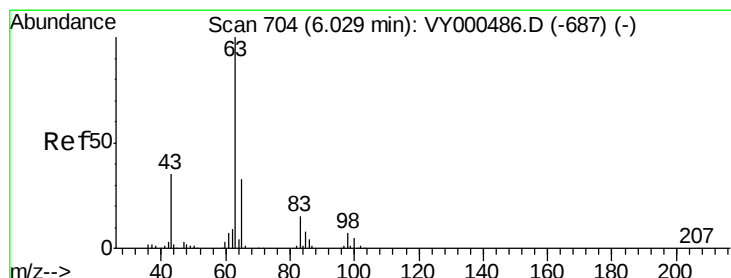
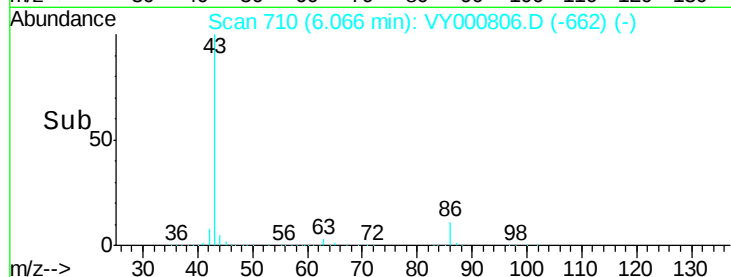
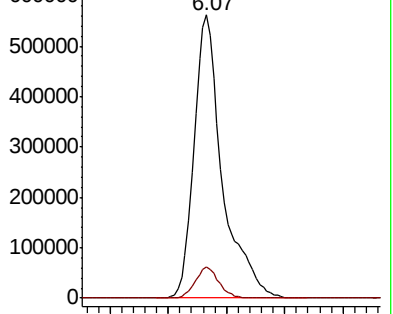
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 60.222 ug/l

RT: 6.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

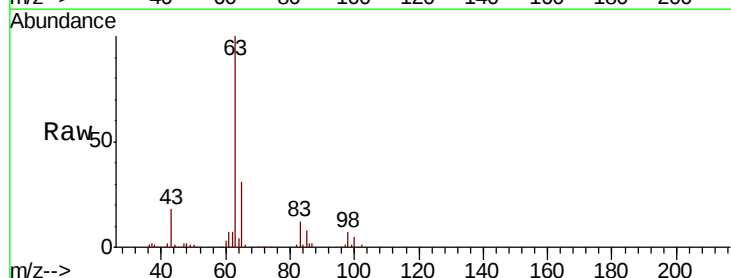
Tgt Ion: 63 Resp: 334003

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

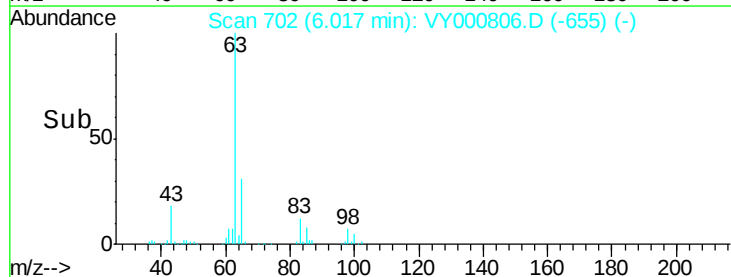
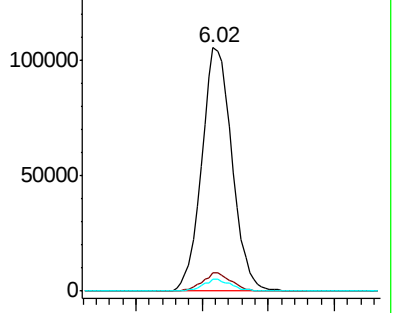
100 4.8 2.4 7.1

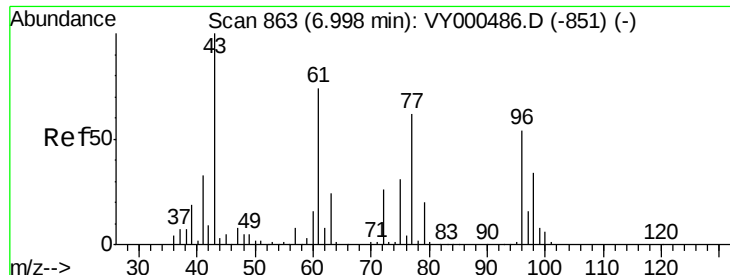


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 254.841 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 336392

Ion Ratio Lower Upper

43 100

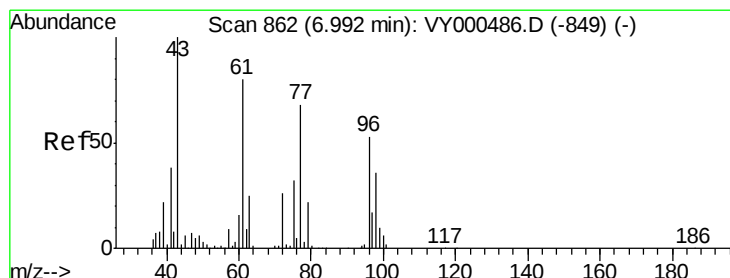
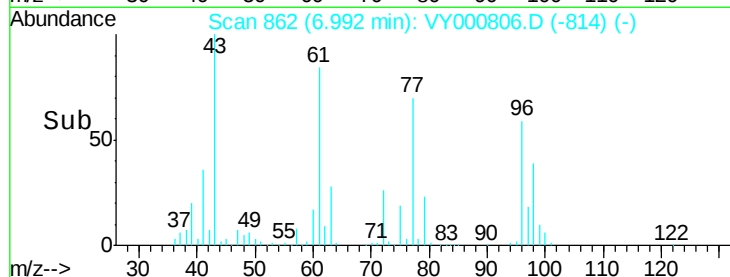
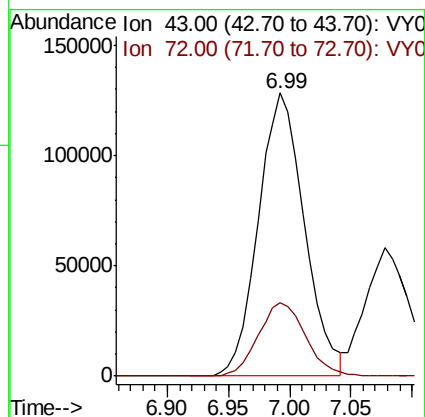
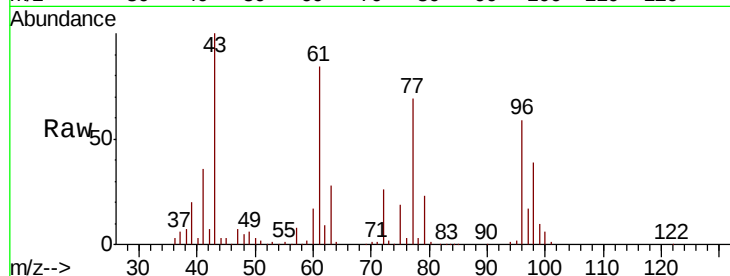
72 25.8 20.9 31.3

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#26

2,2-Dichloropropane

Concen: 56.371 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000806.D

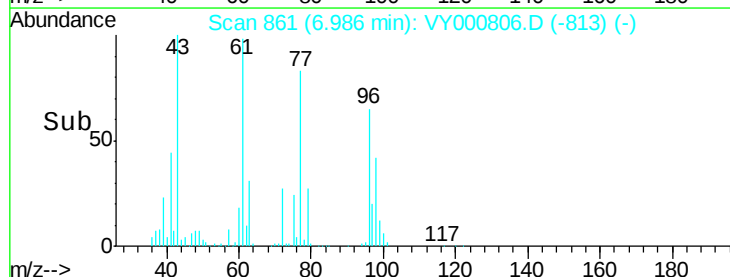
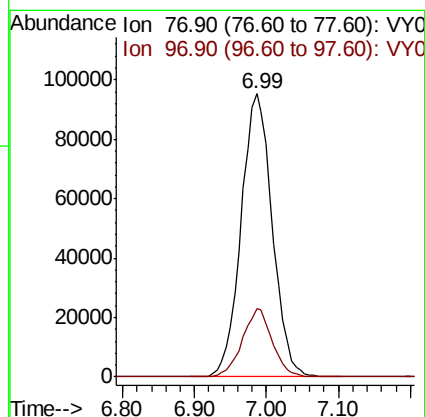
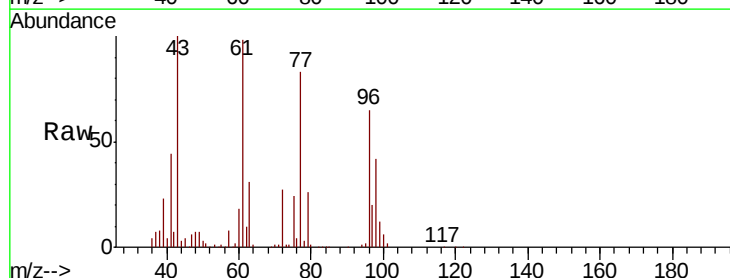
Acq: 26 Nov 2019 17:37

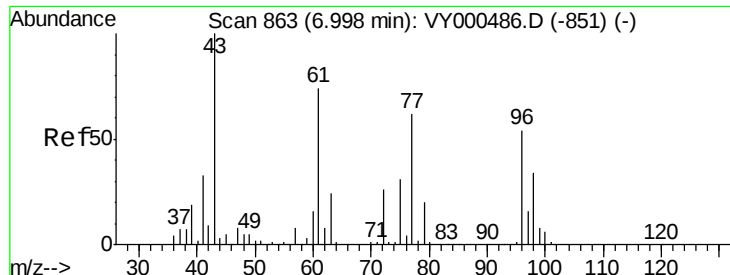
Tgt Ion: 77 Resp: 285715

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4





#27

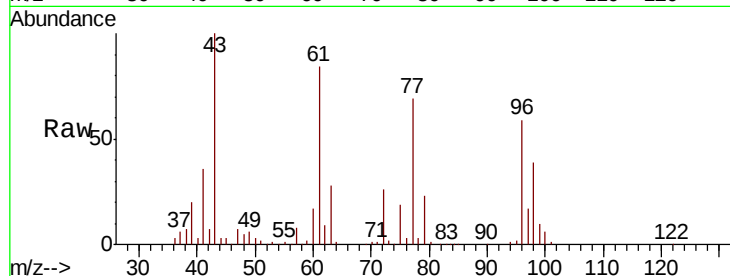
cis-1,2-Dichloroethene
Concen: 59.390 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	287.0
98	64.2	0.0	129.4

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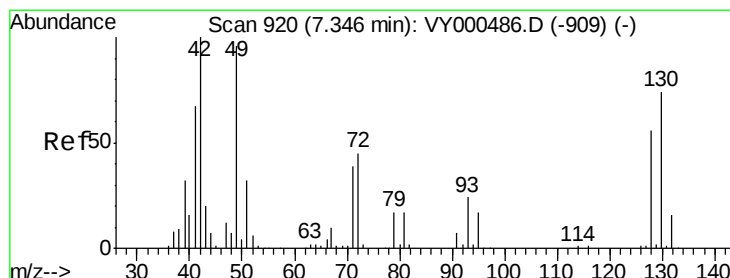
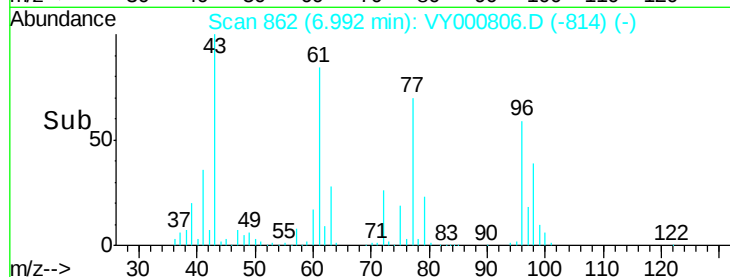
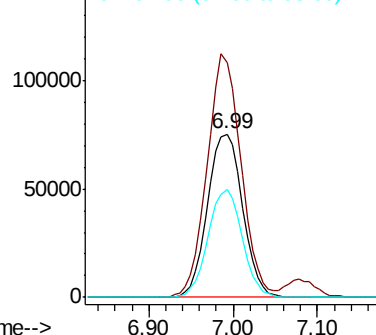


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

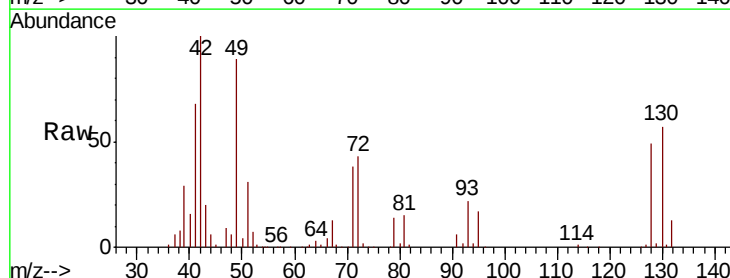
Ion 97.90 (97.60 to 98.60): VY0



#28

Bromochloromethane
Concen: 57.237 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.6
130	68.2	59.4	89.0

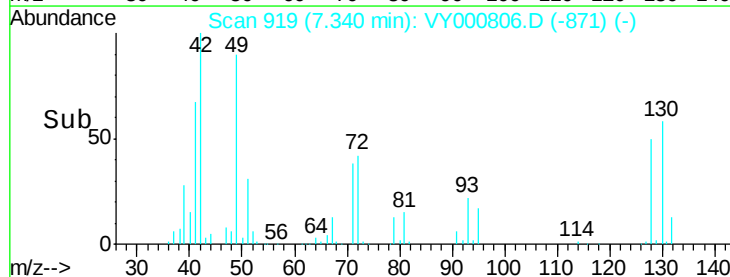
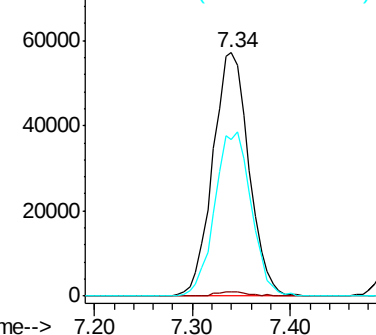


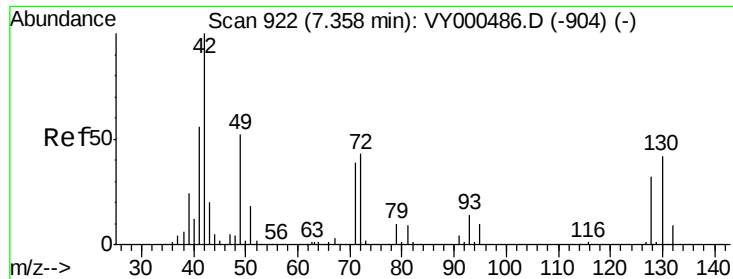
Abundance

Ion 48.90 (48.60 to 49.60): VY0

Ion 128.80 (128.50 to 129.50): VY0

Ion 129.80 (129.50 to 130.50): VY0





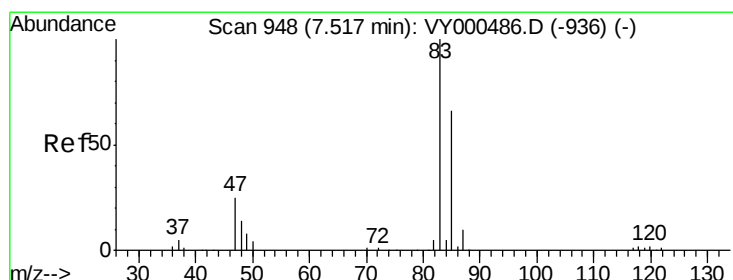
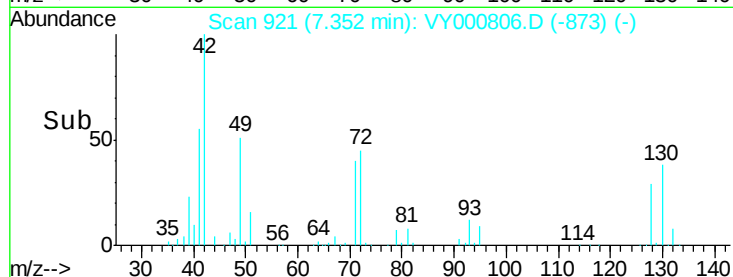
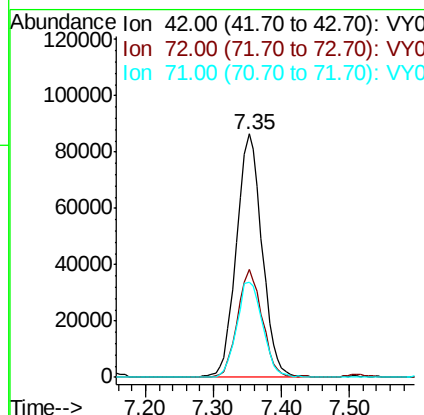
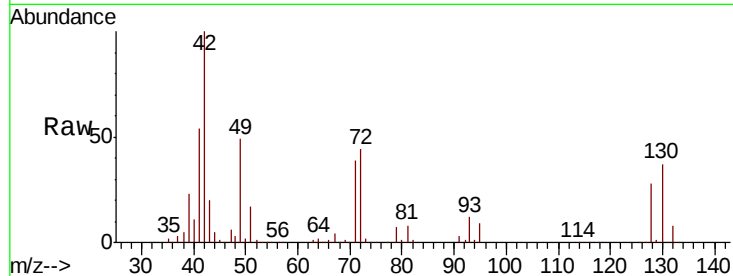
#29
Tetrahydrofuran
Concen: 281.058 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.0	51.0
71	39.4	30.8	46.2

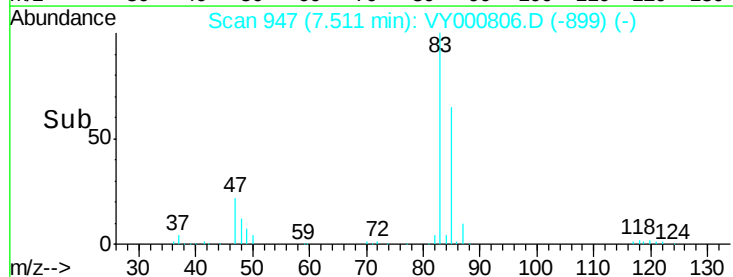
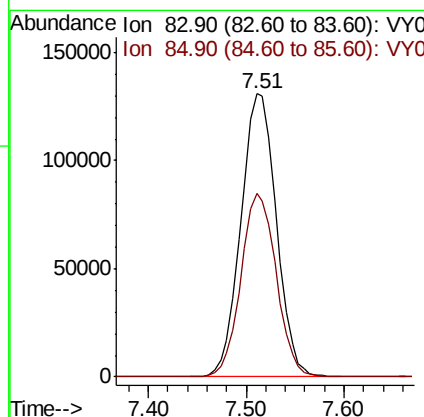
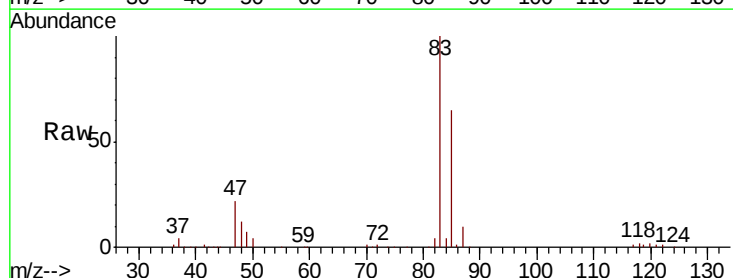
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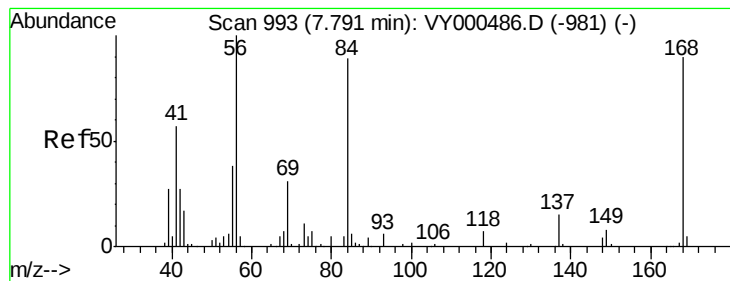
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#30
Chloroform
Concen: 58.667 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.0	79.4





#31

Cyclohexane

Concen: 56.467 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 328015

Ion Ratio Lower Upper

56 100

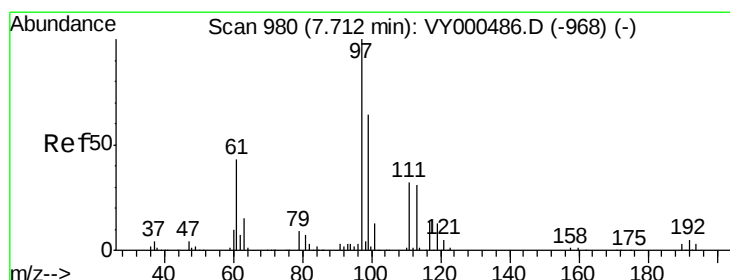
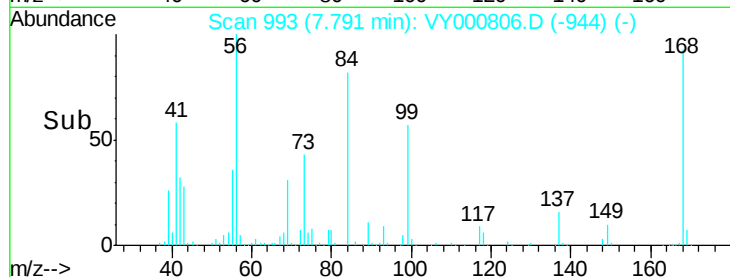
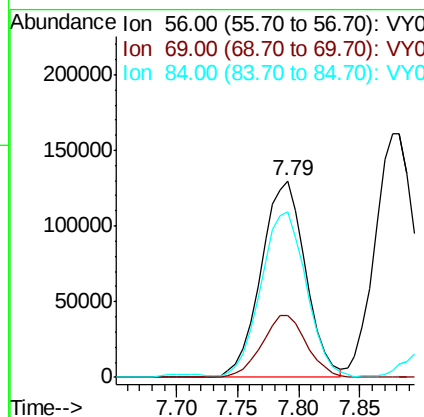
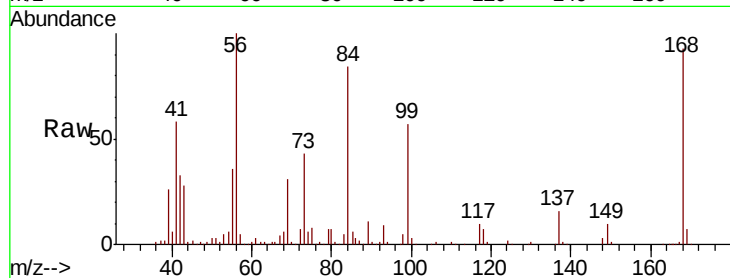
69 31.2 25.0 37.6

84 82.4 71.4 107.2

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#32

1,1,1-Trichloroethane

Concen: 56.233 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

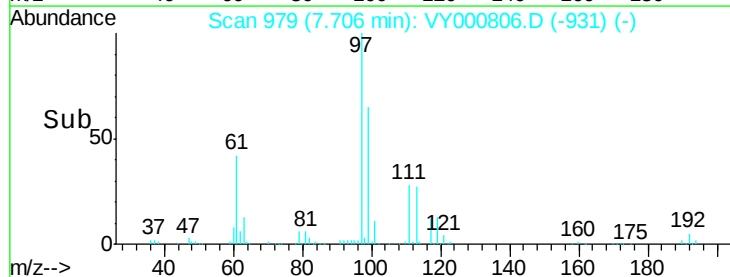
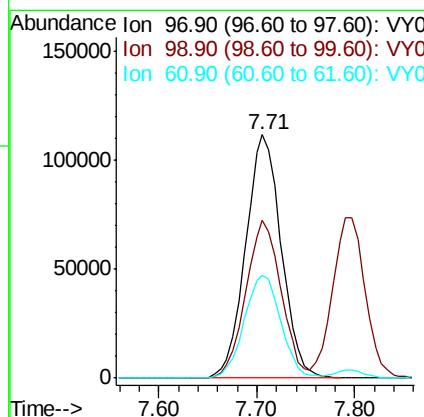
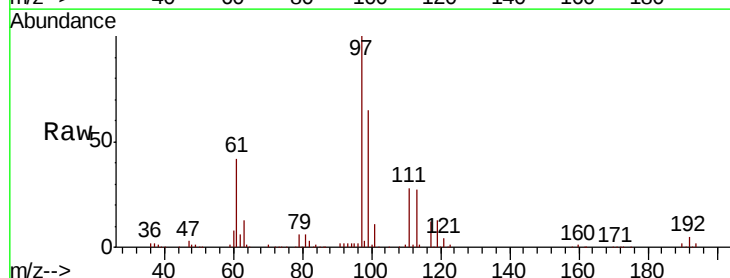
Tgt Ion: 97 Resp: 281182

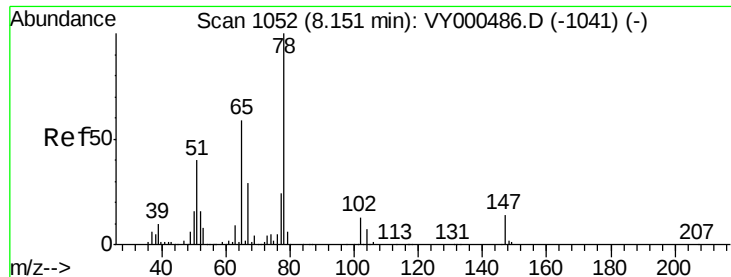
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 43.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 50.176 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 150578

Ion Ratio Lower Upper

65 100

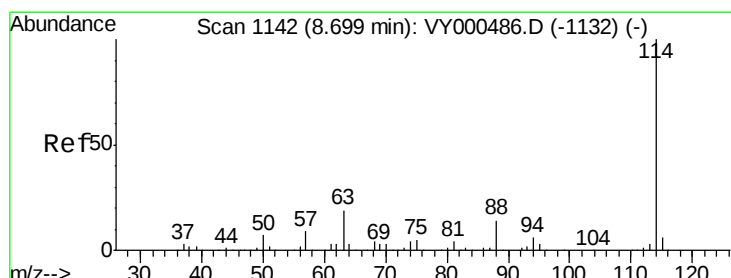
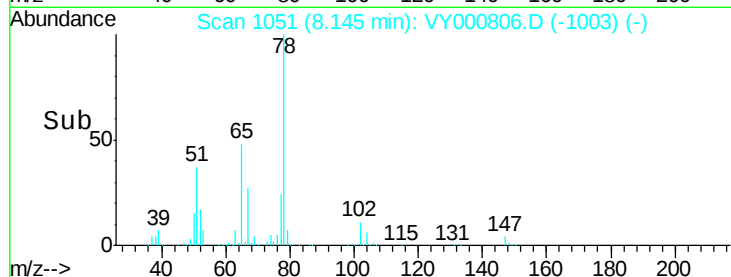
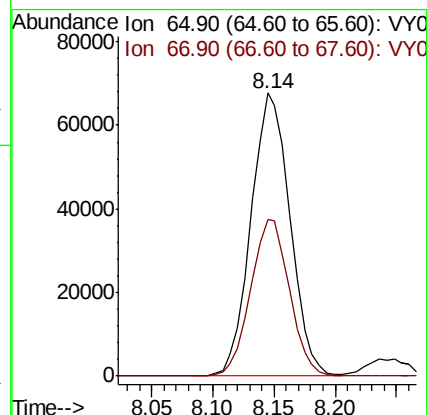
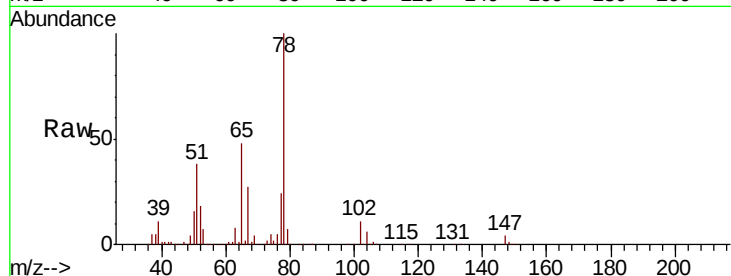
67 55.2 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

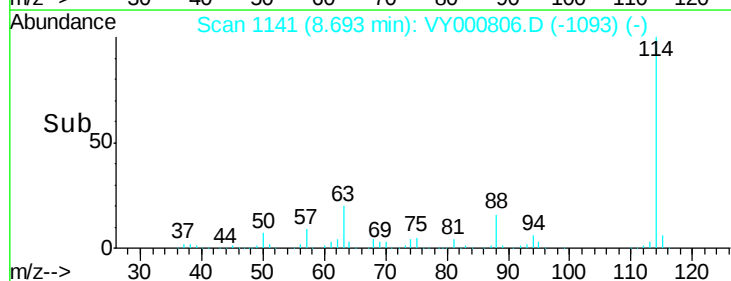
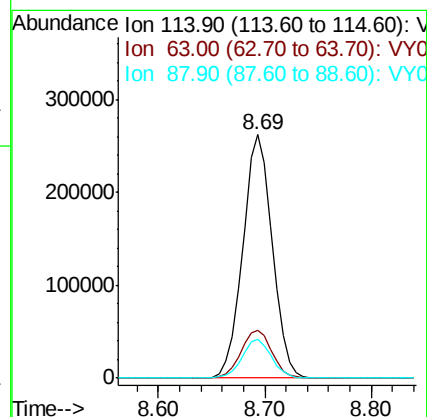
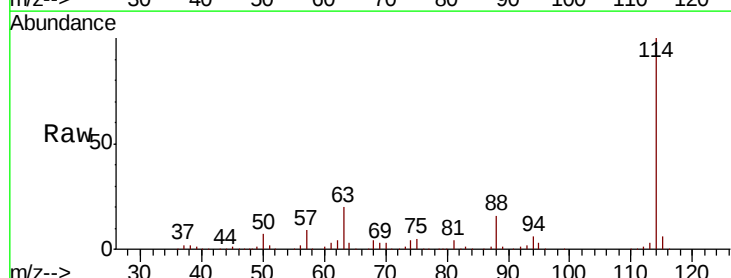
Tgt Ion: 114 Resp: 507909

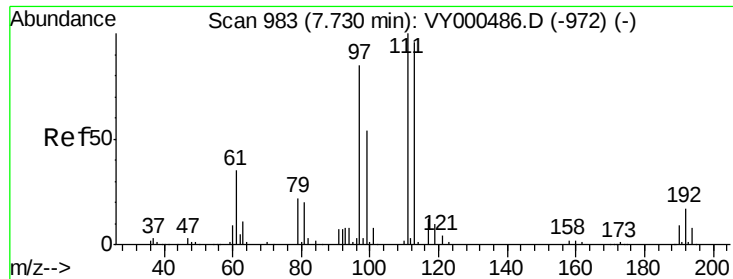
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 16.1 0.0 28.6





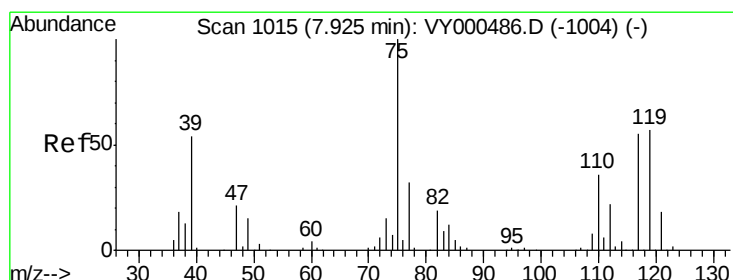
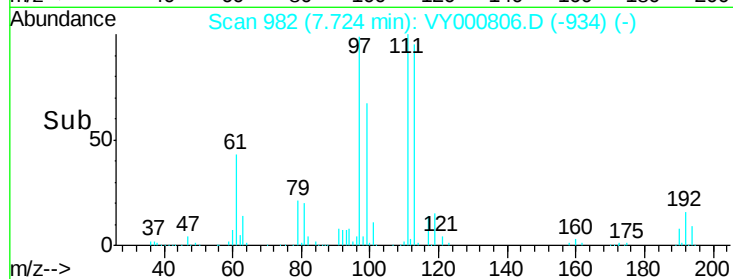
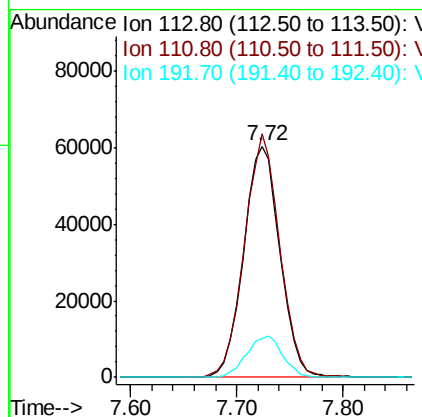
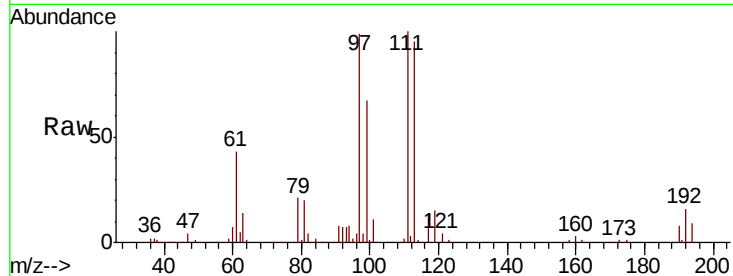
#35
Dibromofluoromethane
Concen: 48.375 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.7	122.5
192	17.9	15.0	22.4

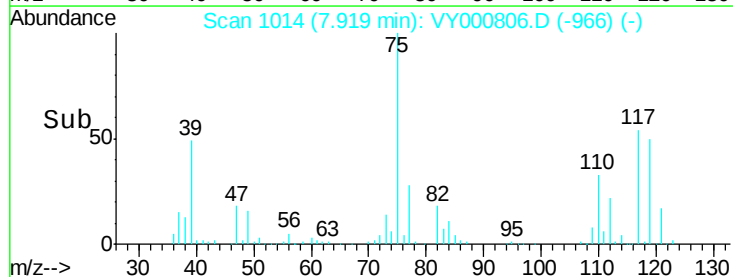
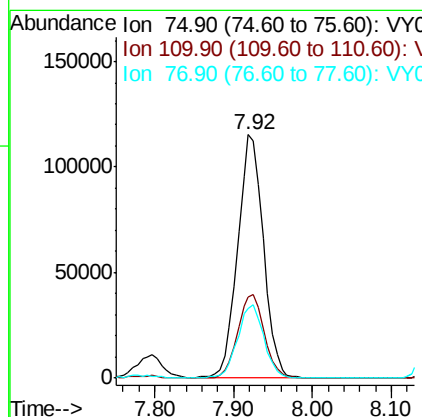
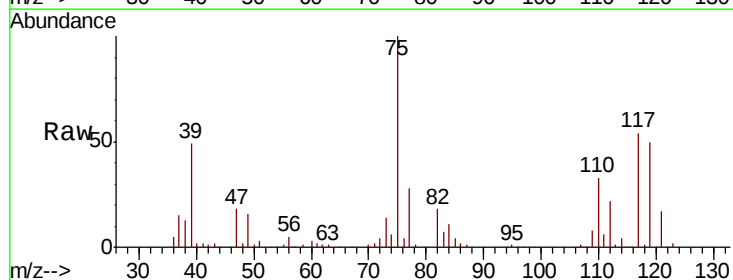
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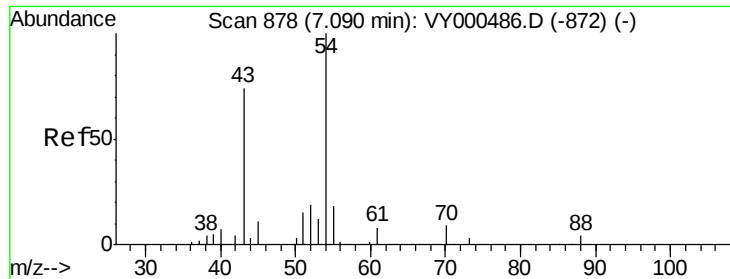
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#36
1,1-Dichloropropene
Concen: 54.645 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.1	54.1
77	30.5	25.0	37.6





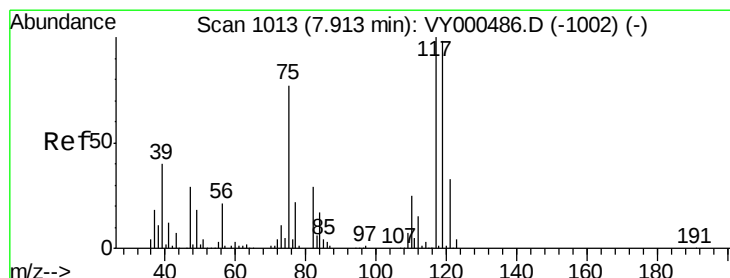
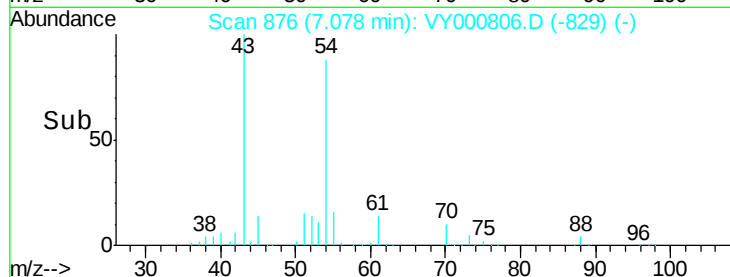
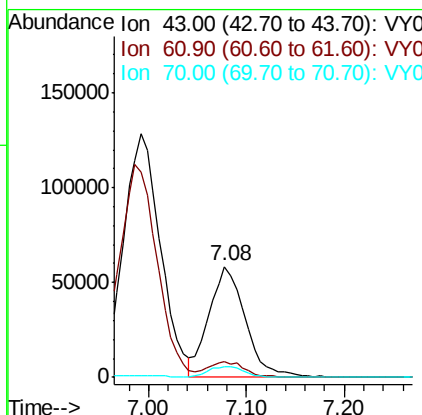
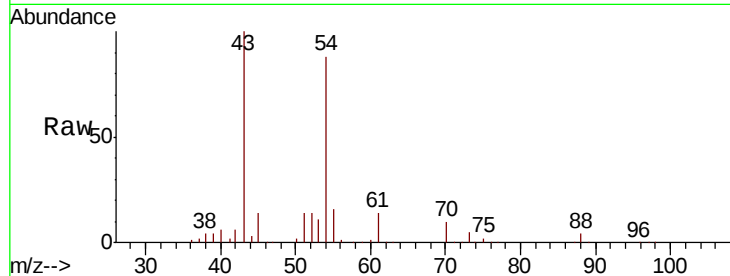
#37
Ethyl Acetate
Concen: 52.537 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.2	15.2
70	10.0	7.8	11.8

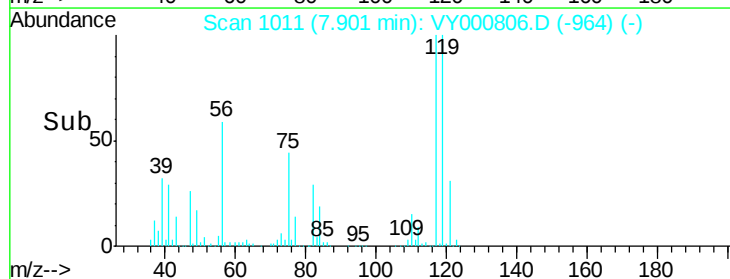
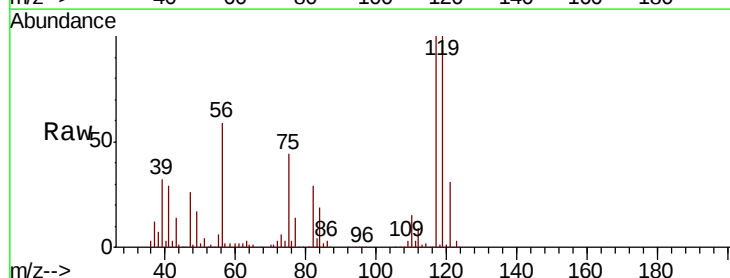
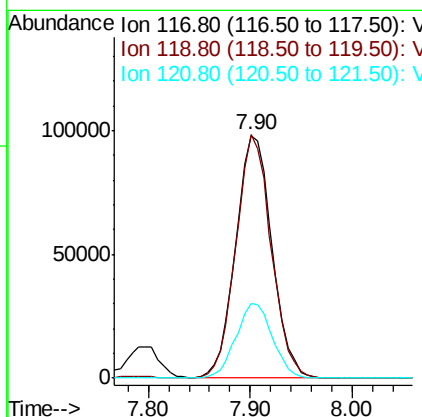
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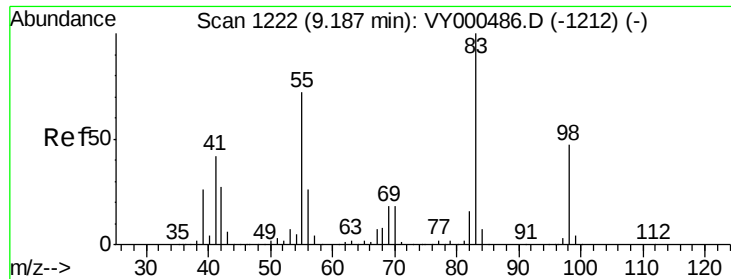
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#38
Carbon Tetrachloride
Concen: 52.465 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	78.0	117.0
121	30.9	26.6	40.0





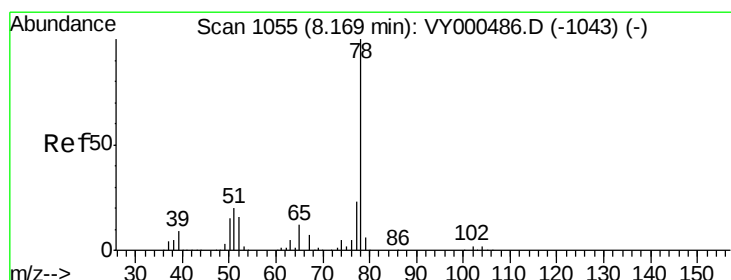
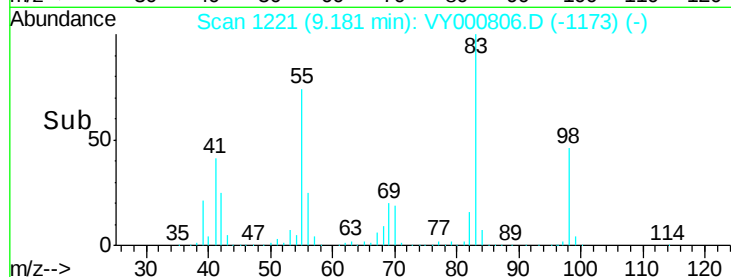
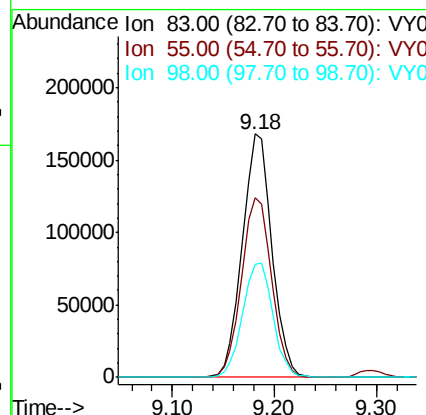
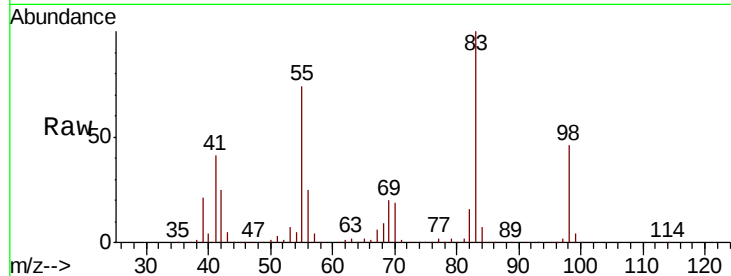
#39
Methvlcvclohexane
Concen: 54.588 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	338623
Ion Ratio	Lower	Upper	
83	100		
55	73.7	57.5	86.3
98	46.3	38.0	57.0

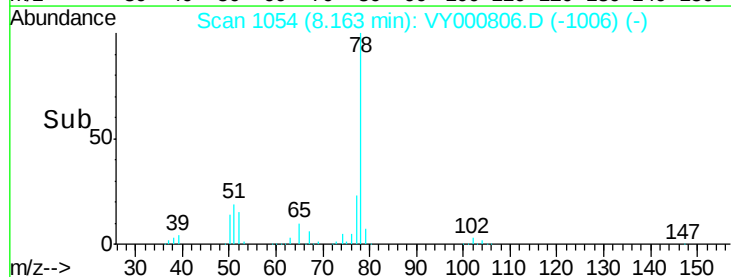
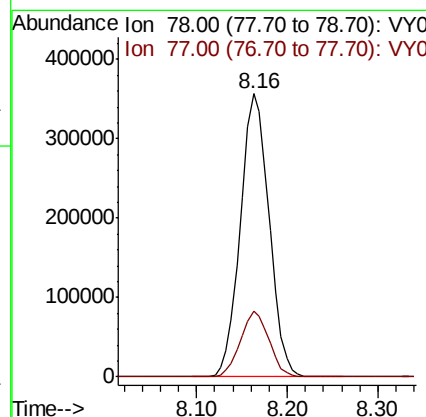
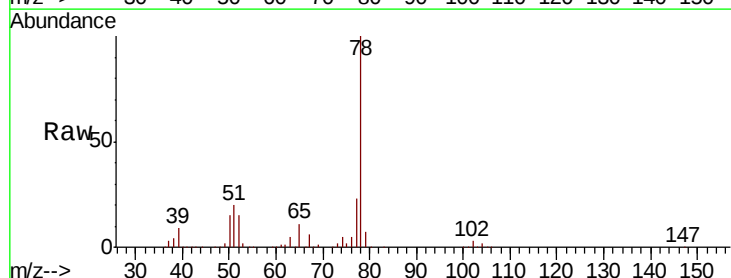
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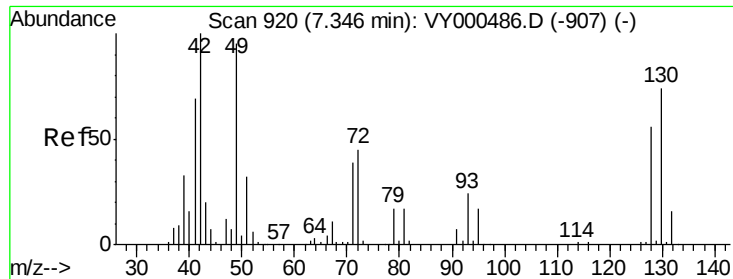
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#40
Benzene
Concen: 55.623 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	78.00	Resp	783011
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.6	28.0





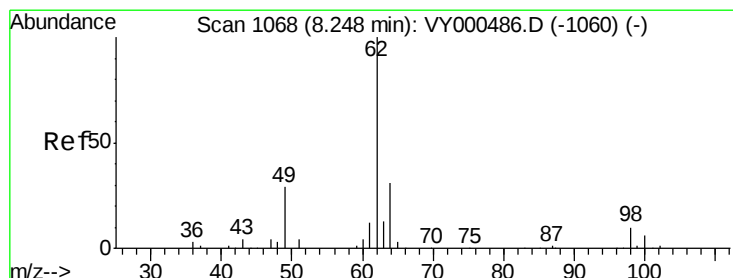
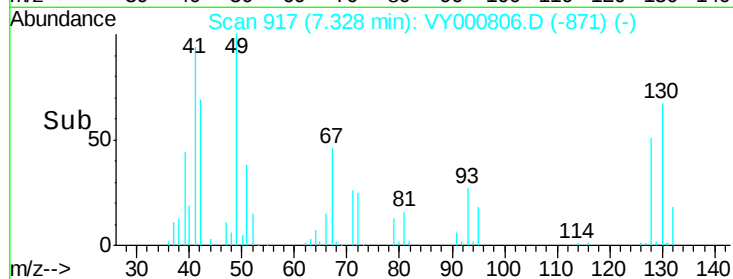
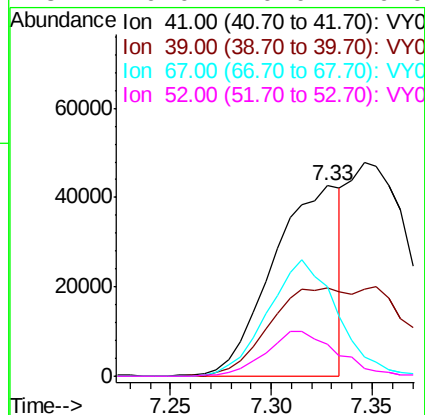
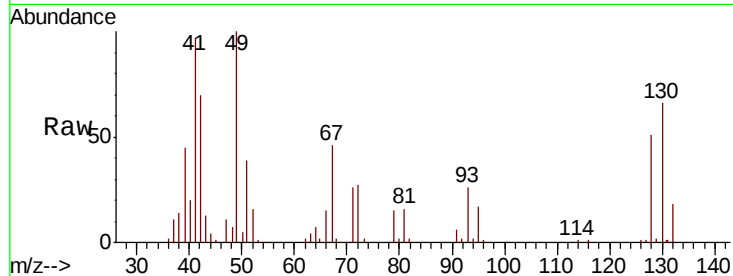
#41
Methacrylonitrile
Concen: 63.396 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.02 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	100818
Ion Ratio	Lower	Upper	
41	100		
39	0.0	68.2	102.4#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

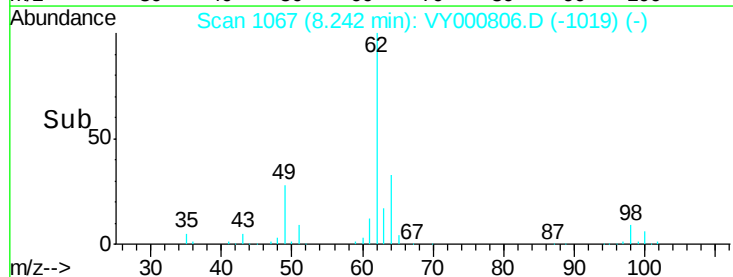
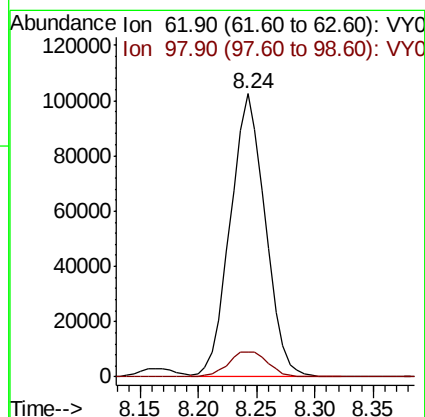
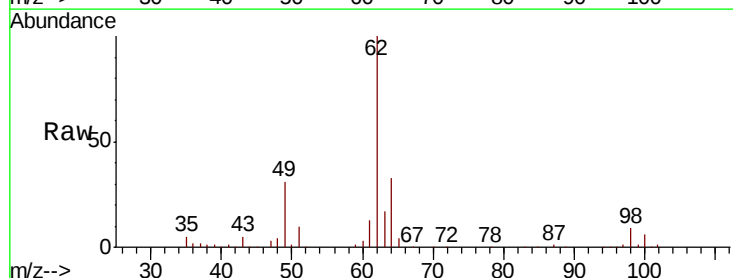
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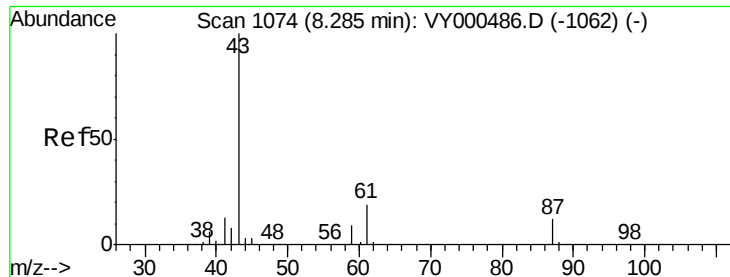
apatel
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#42
1,2-Dichloroethane
Concen: 53.780 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion:	62	Resp:	214721
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 54.564 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

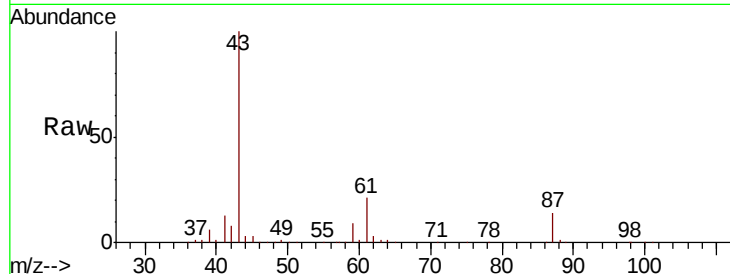
ClientSampleId :

VSTDCCC050EC

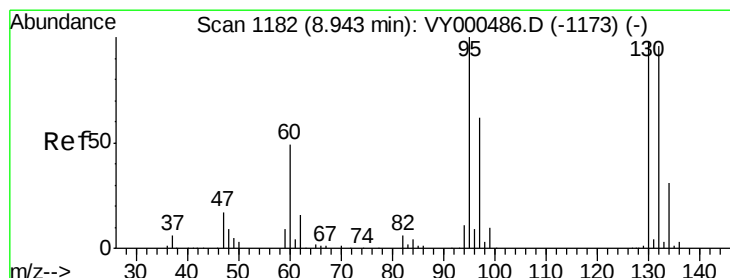
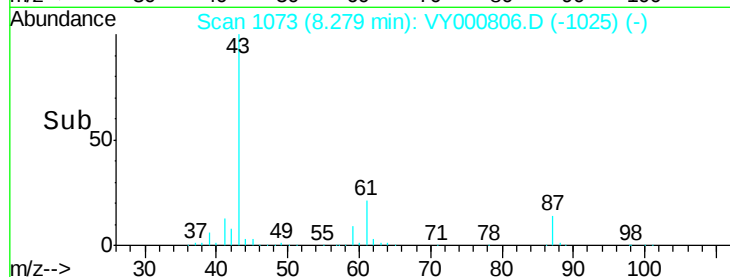
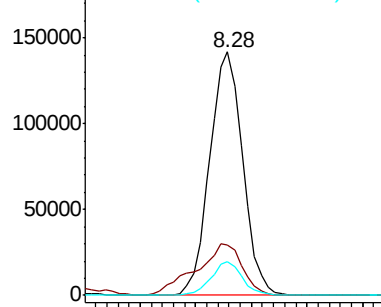
Tot Ion:	43	Resp:	292191
Ion	Ratio	Lower	Upper
43	100		
61	29.8	23.0	34.4
87	13.0	10.5	15.7

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Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-1062) (-)



#44

Trichloroethene

Concen: 54.623 ug/l

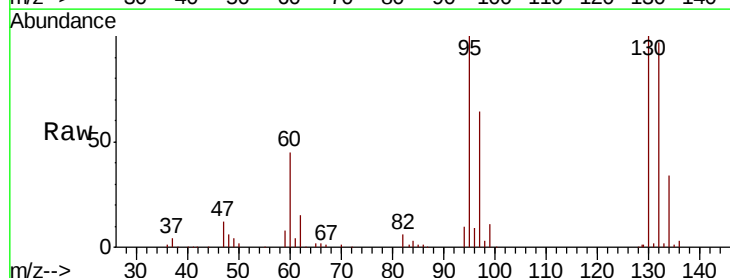
RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

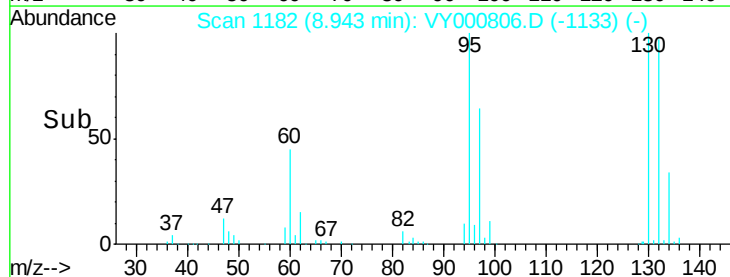
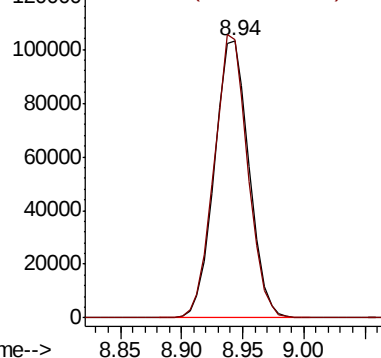
Lab File: VY000806.D

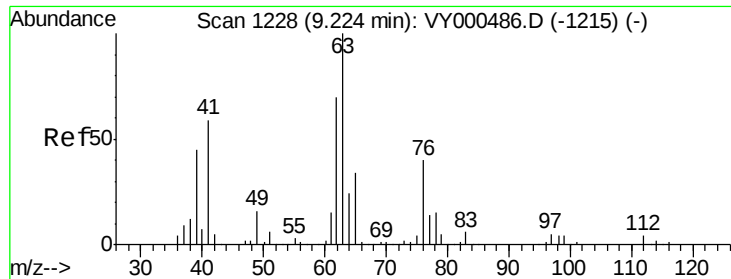
Acq: 26 Nov 2019 17:37

Tgt Ion:	130	Resp:	202737
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	203.2



Abundance Ion 129.80 (129.50 to 130.50): VY000486.D (-1173) (-)





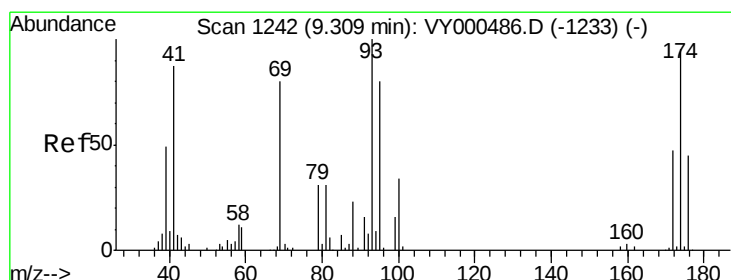
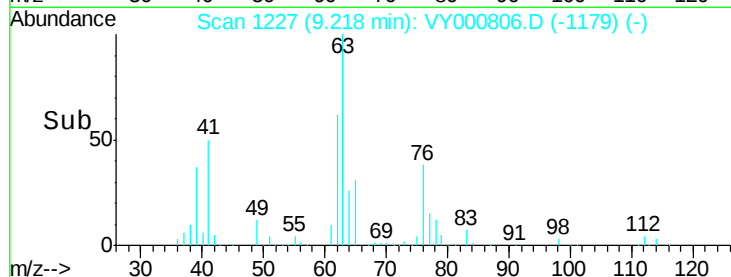
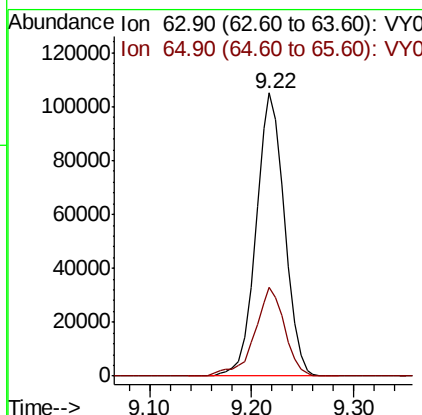
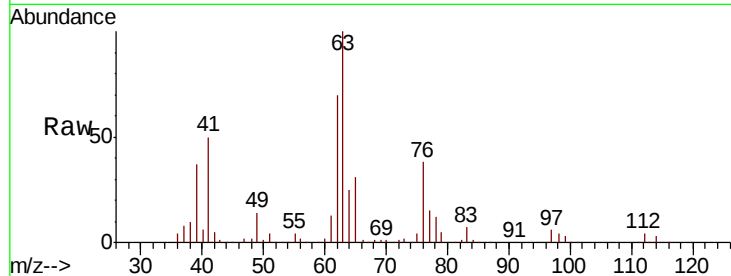
#45
 1,2-Dichloropropane
 Concen: 58.686 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 203323
 Ion Ratio Lower Upper
 63 100
 65 31.3 27.0 40.4

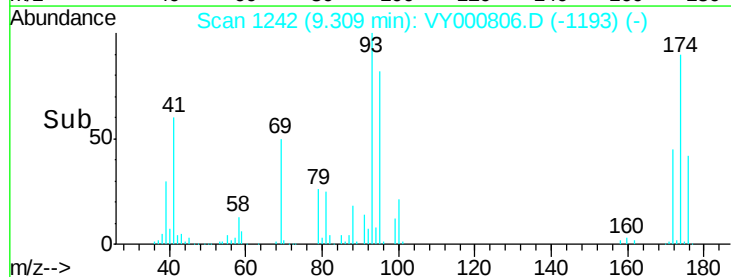
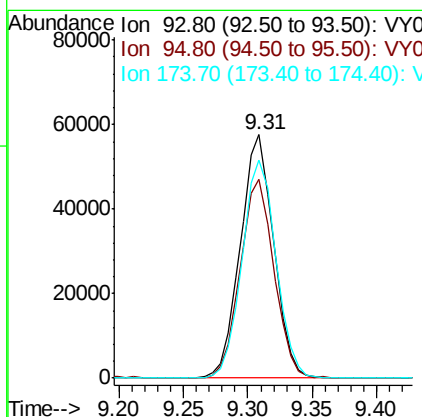
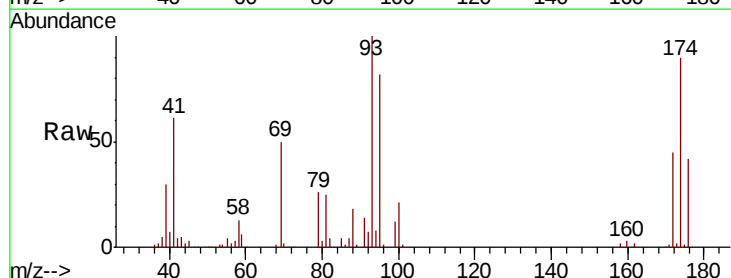
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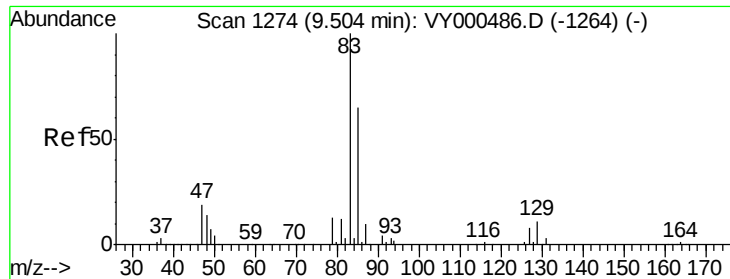
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#46
 Dibromomethane
 Concen: 54.192 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion: 93 Resp: 103257
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 90.8 77.1 115.7





#47

Bromodichloromethane

Concen: 56.278 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

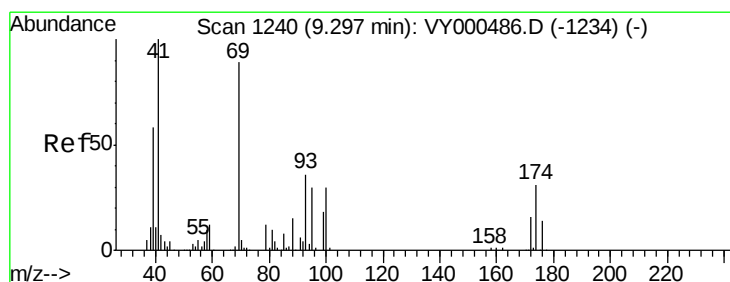
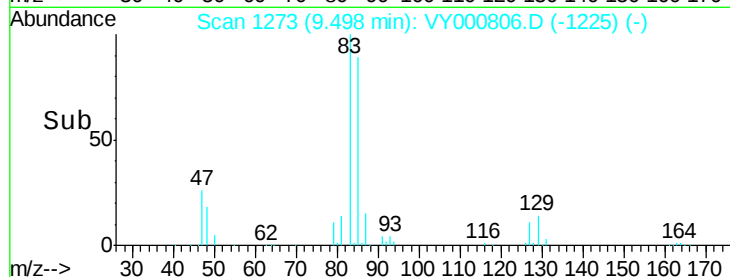
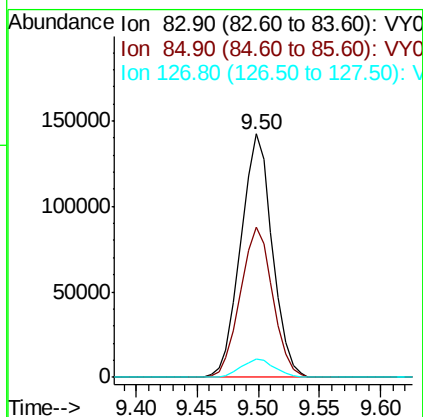
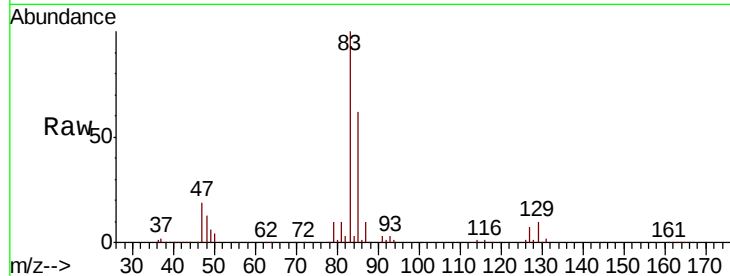
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	254439
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.8	77.8
127	7.5	6.7	10.1

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#48

Methyl methacrylate

Concen: 54.068 ug/l

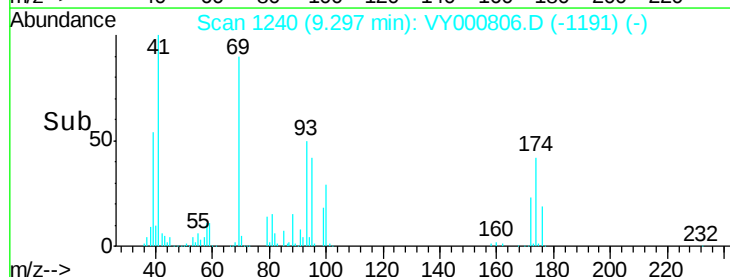
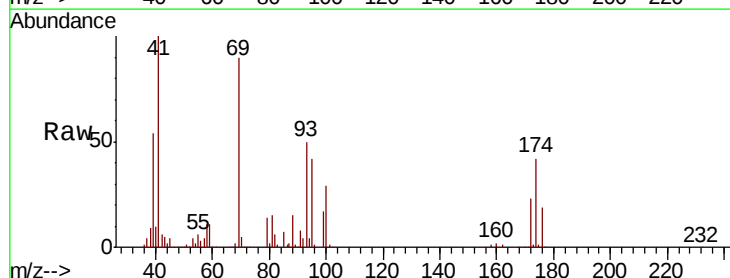
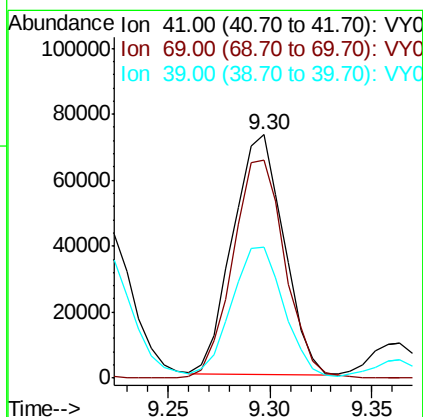
RT: 9.30 min Scan# 1240

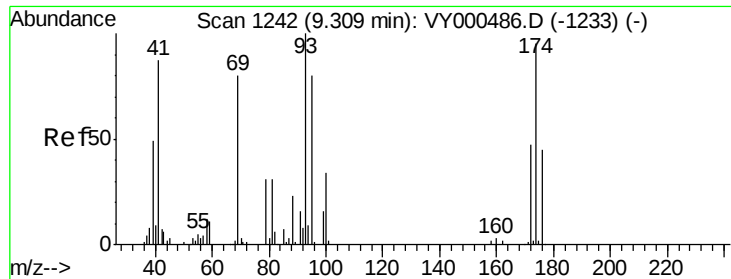
Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Tgt Ion:	41	Resp:	126504
Ion Ratio	Lower	Upper	
41	100		
69	93.5	72.5	108.7
39	56.6	47.8	71.8





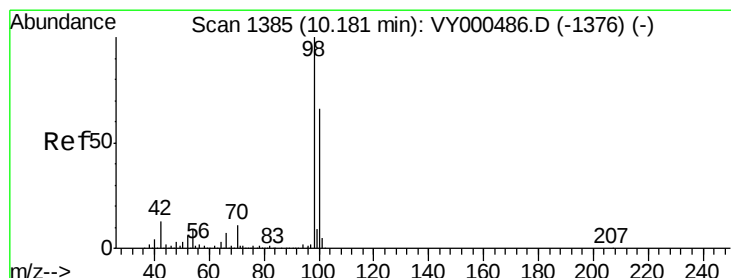
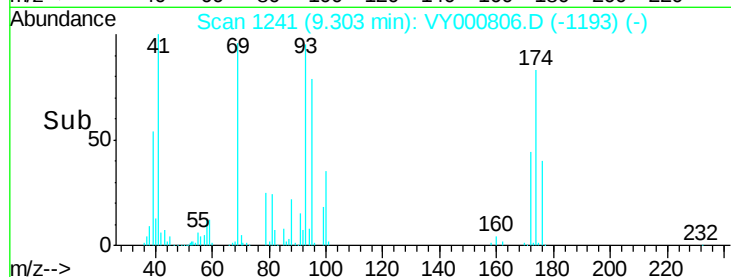
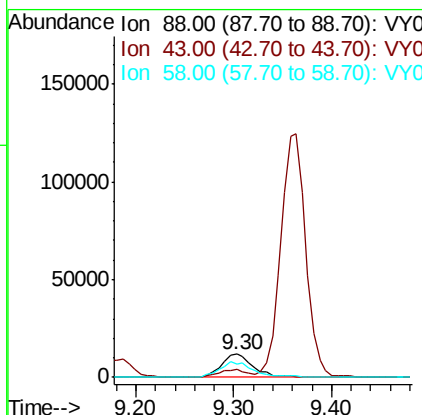
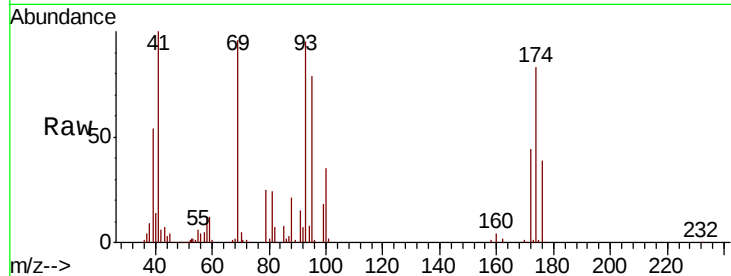
#49
1,4-Dioxane
Concen: 1074.410 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	27552
Ion	Ratio	Lower	Upper
88	100		
43	29.6	25.1	37.7
58	72.3	50.6	75.8

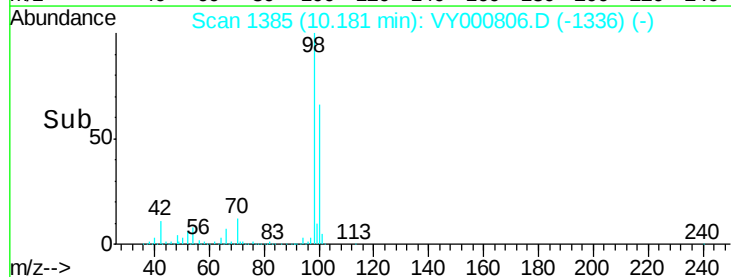
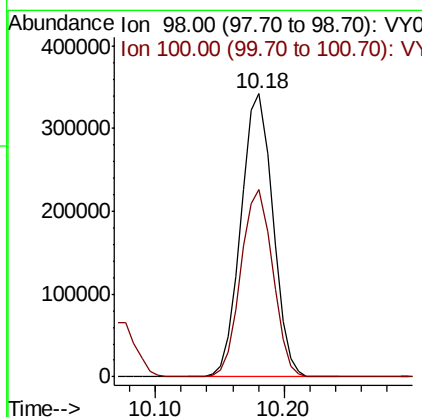
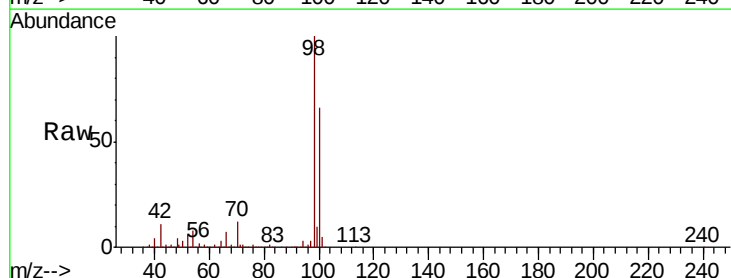
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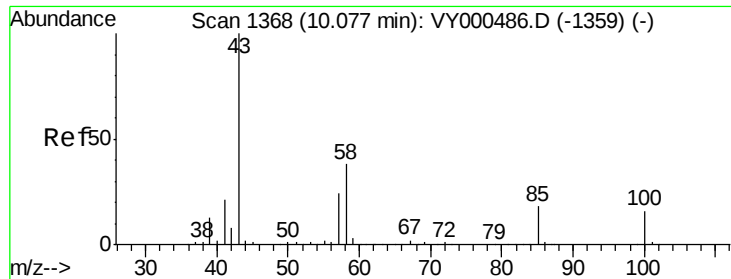
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#50
Toluene-d8
Concen: 51.828 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	98	Resp	586393
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 270.770 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 770917

Ion Ratio Lower Upper

43 100

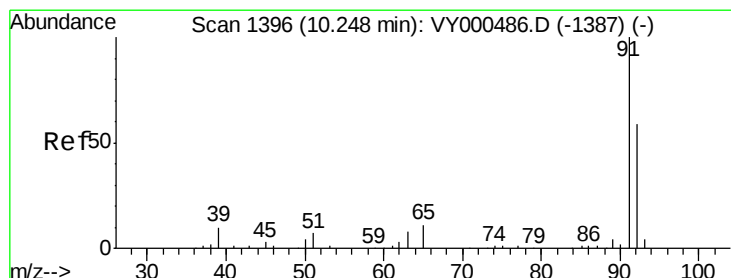
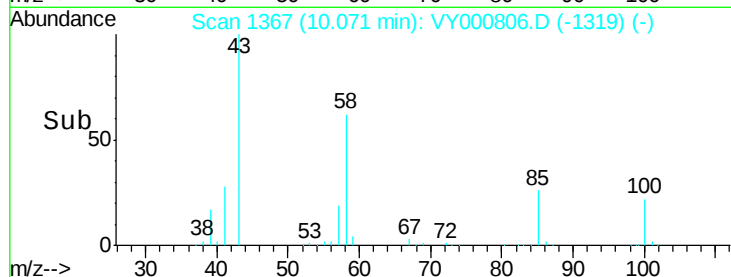
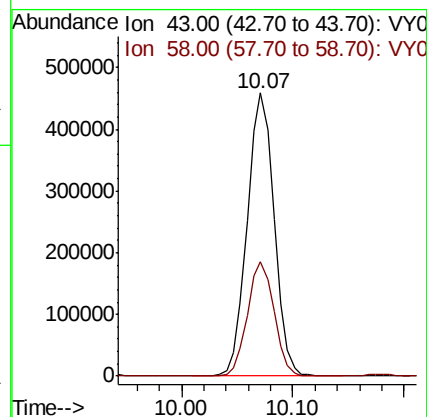
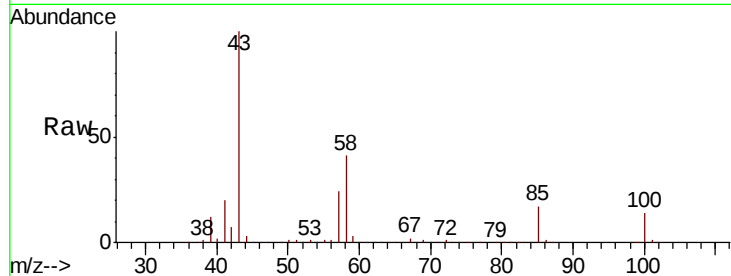
58 40.1 30.2 45.4

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#52

Toluene

Concen: 55.503 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000806.D

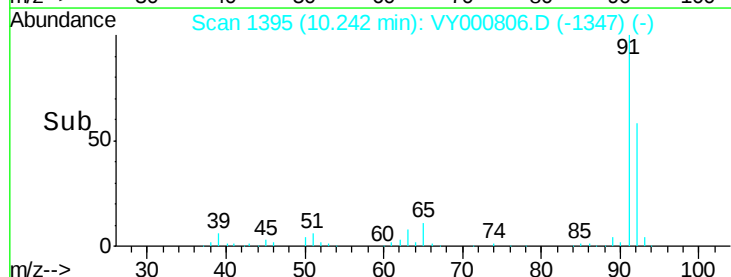
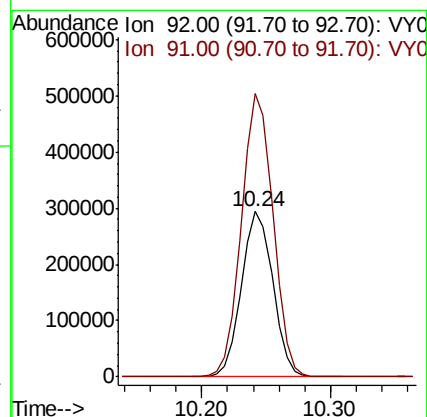
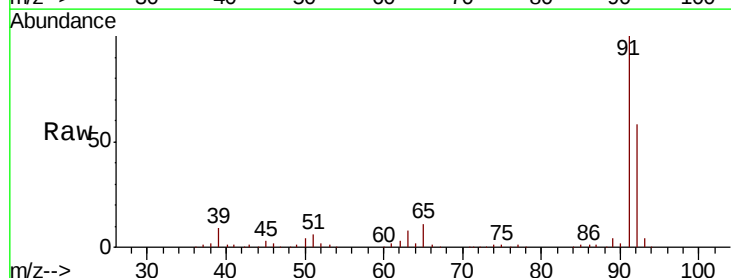
Acq: 26 Nov 2019 17:37

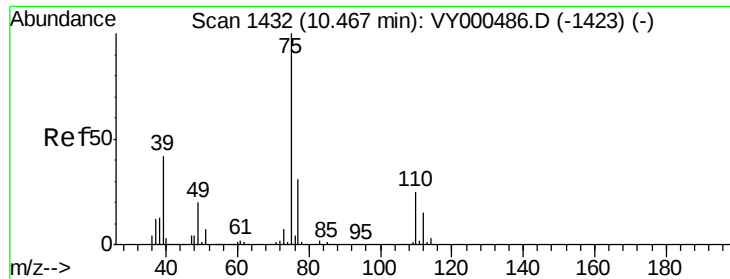
Tgt Ion: 92 Resp: 493973

Ion Ratio Lower Upper

92 100

91 172.5 136.3 204.5





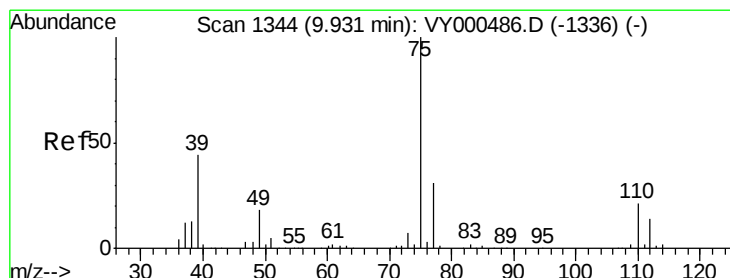
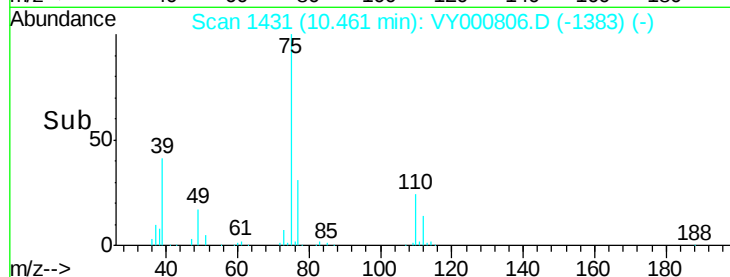
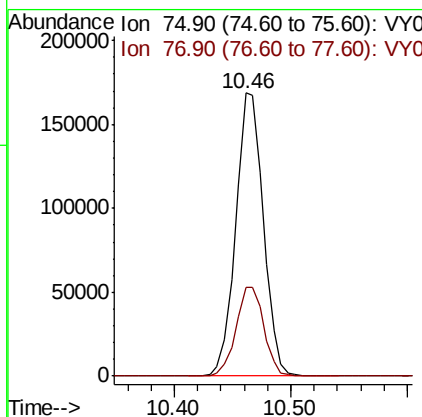
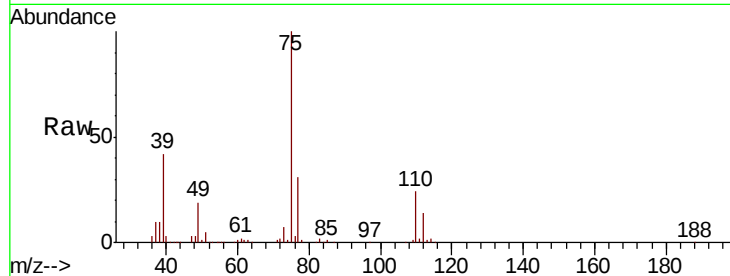
#53
t-1,3-Dichloropropene
Concen: 57.718 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 278824
Ion Ratio Lower Upper
75 100
77 31.3 24.6 37.0

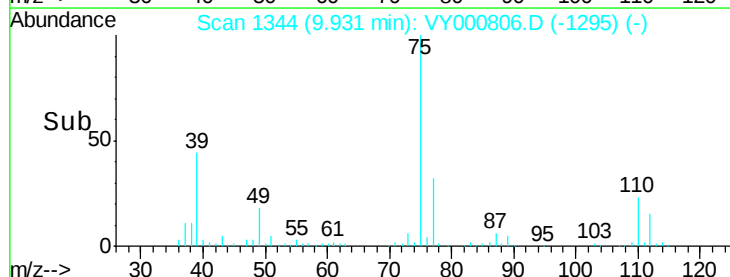
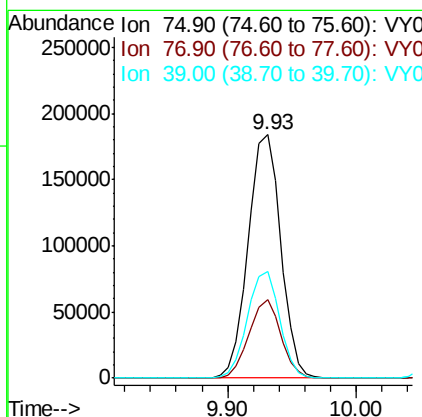
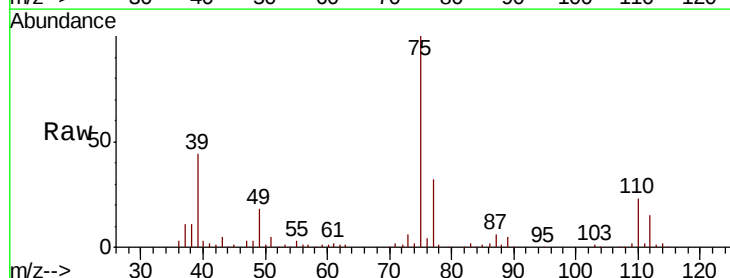
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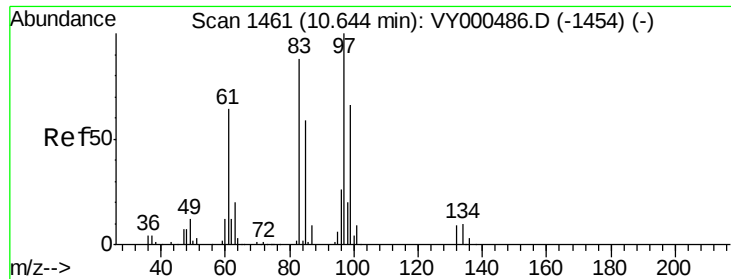
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#54
cis-1,3-Dichloropropene
Concen: 57.965 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion: 75 Resp: 320788
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7
39 43.9 35.4 53.2





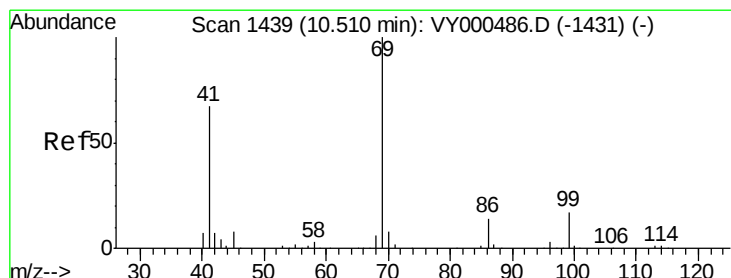
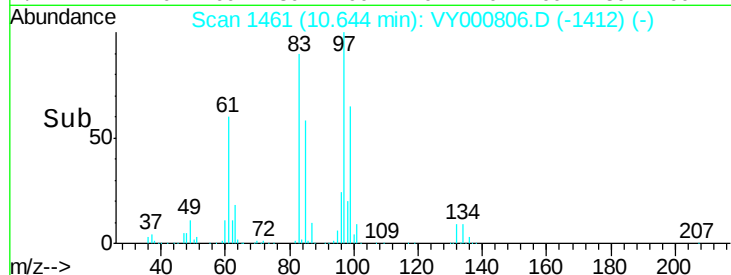
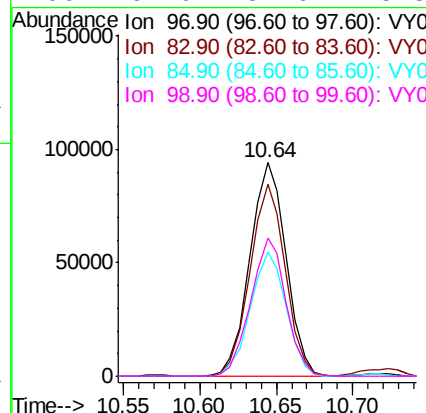
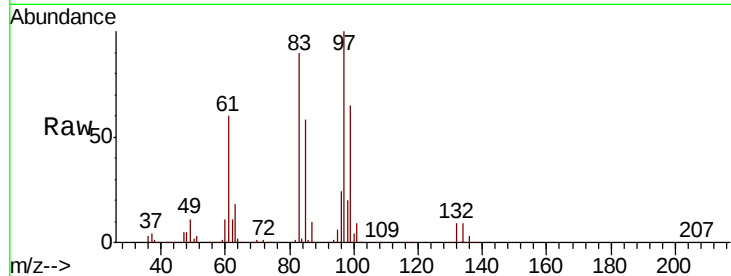
#55
 1,1,2-Trichloroethane
 Concen: 56.189 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	154852
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.2	105.4
85	57.9	46.9	70.3
99	64.9	52.6	78.8

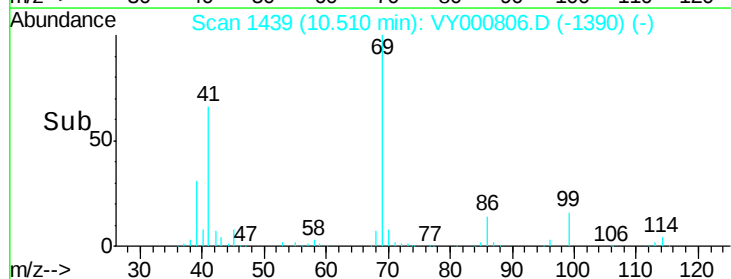
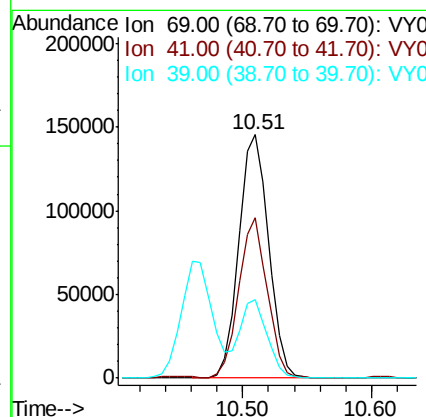
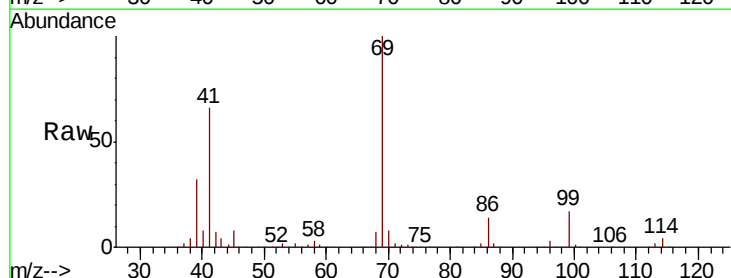
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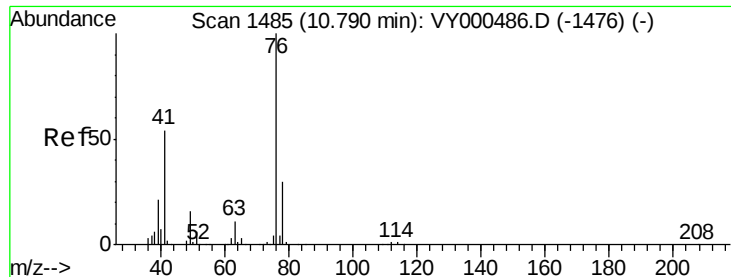
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#56
 Ethyl methacrylate
 Concen: 59.599 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion:	69	Resp:	232799
Ion	Ratio	Lower	Upper
69	100		
41	63.2	53.3	79.9
39	30.9	28.0	42.0





#57

1,3-Dichloropropane

Concen: 57.679 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 278212

Ion Ratio Lower Upper

76 100

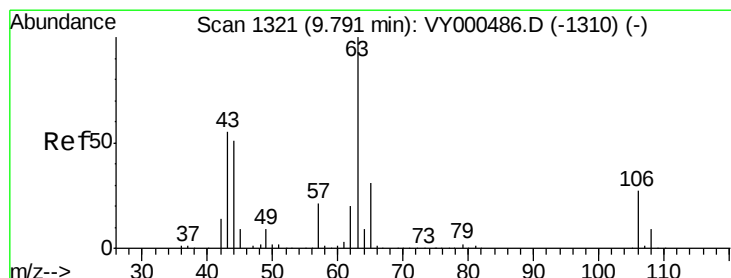
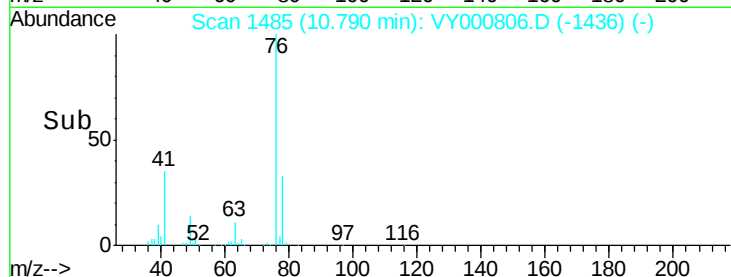
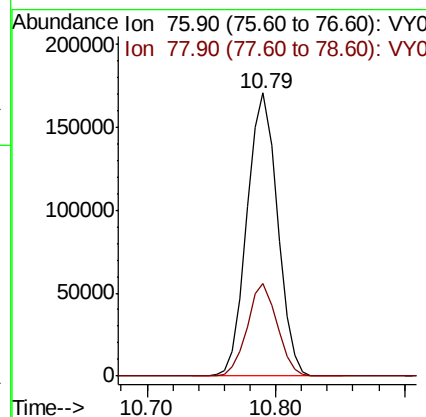
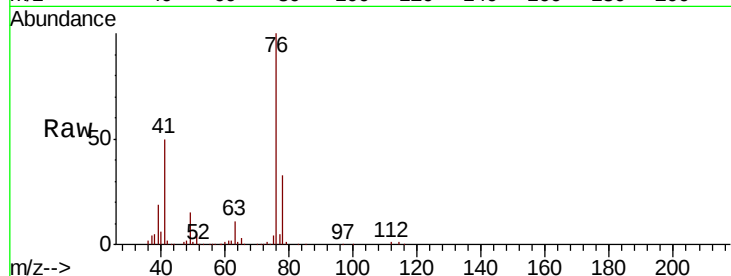
78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 269.526 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000806.D

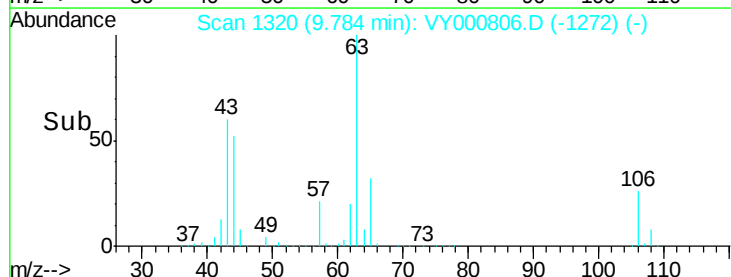
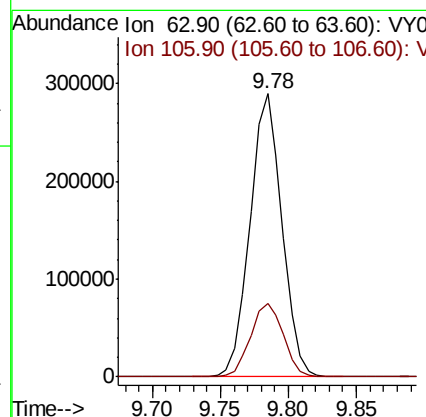
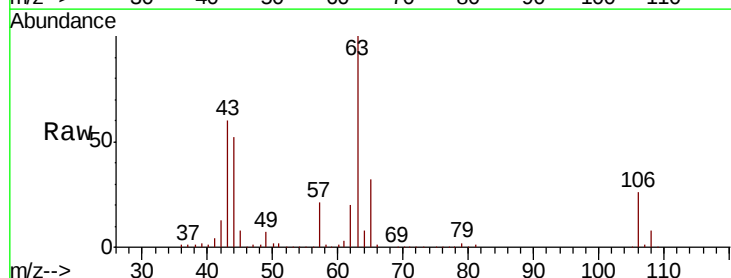
Acq: 26 Nov 2019 17:37

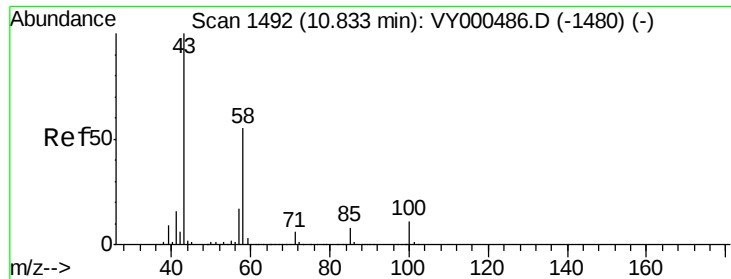
Tgt Ion: 63 Resp: 475954

Ion Ratio Lower Upper

63 100

106 26.6 22.6 33.8





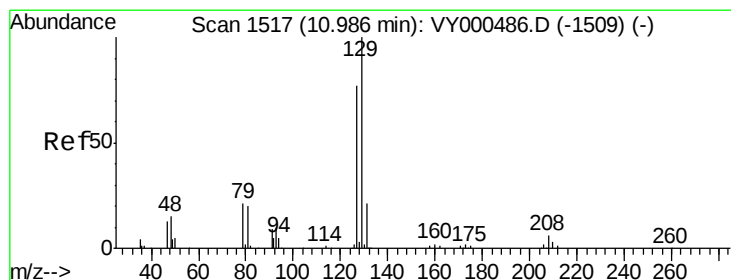
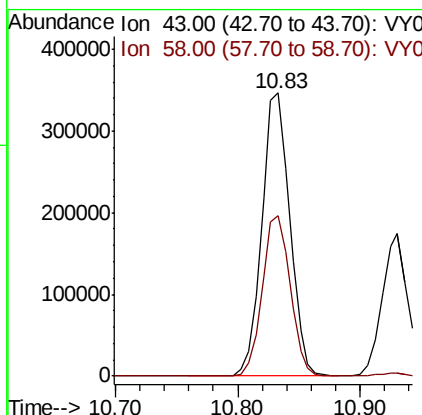
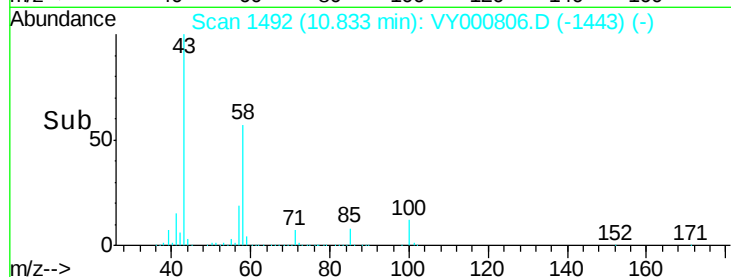
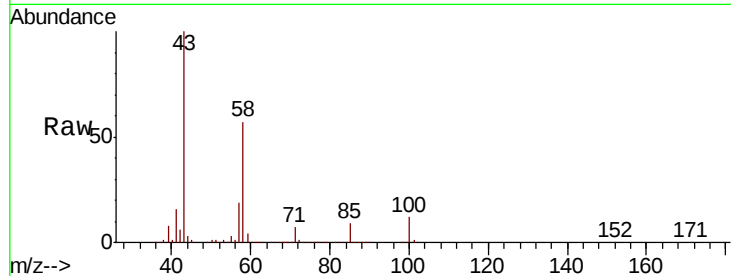
#59
2-Hexanone
Concen: 266.509 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 552848
Ion Ratio Lower Upper
43 100
58 56.9 27.1 81.3

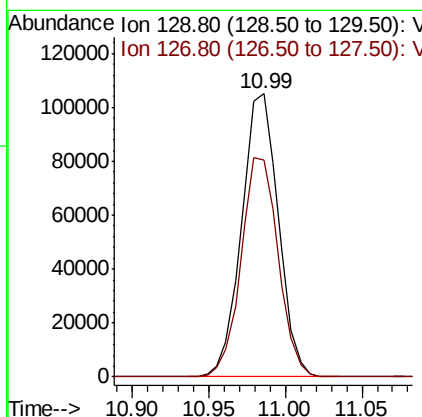
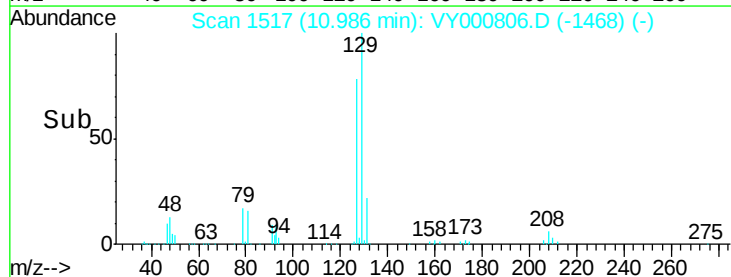
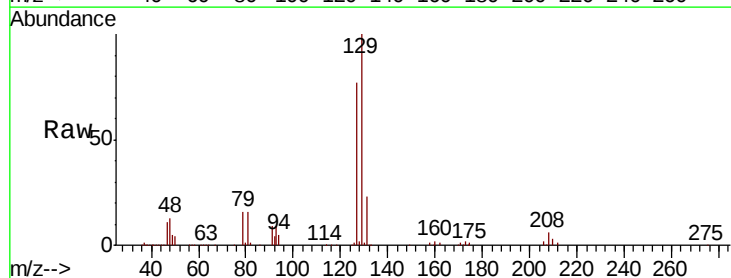
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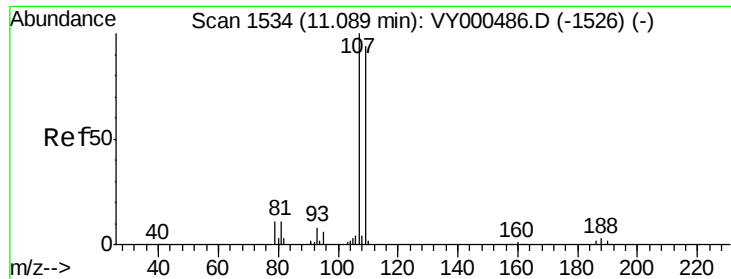
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#60
Dibromochloromethane
Concen: 55.671 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion: 129 Resp: 175738
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 55.536 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 147160

Ion Ratio Lower Upper

107 100

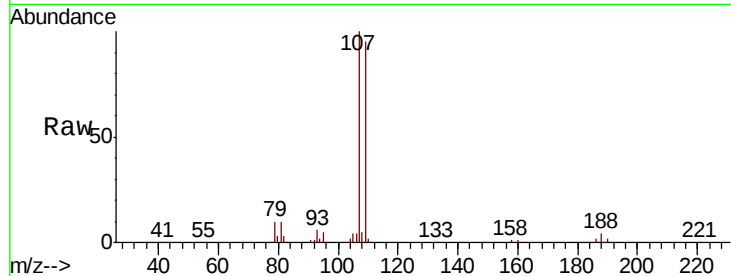
109 93.6 73.6 110.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.09

80000

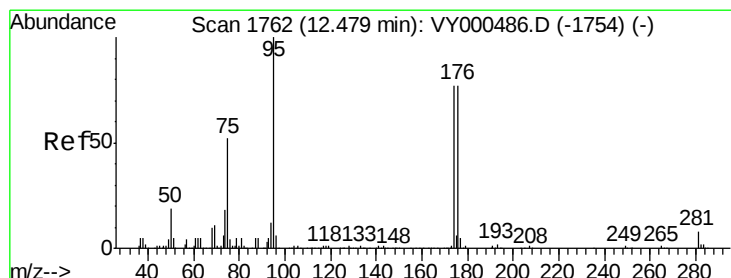
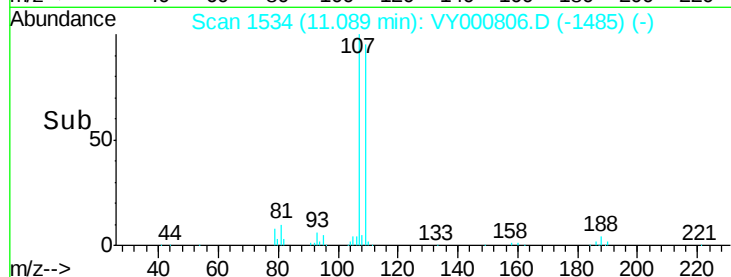
60000

40000

20000

0

Time--> 11.00 11.05 11.10 11.15



#62

4-Bromofluorobenzene

Concen: 49.261 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

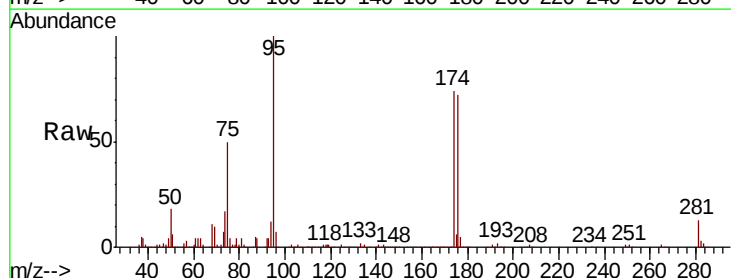
Tgt Ion: 95 Resp: 212178

Ion Ratio Lower Upper

95 100

174 74.0 0.0 161.6

176 72.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

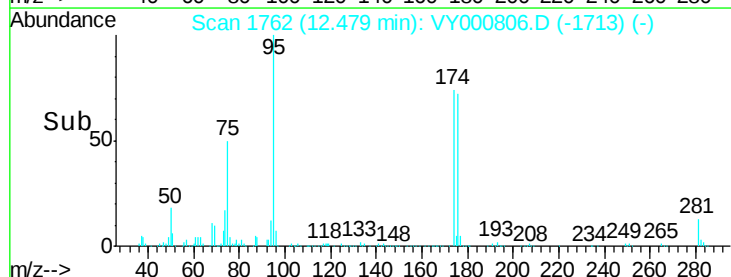
150000

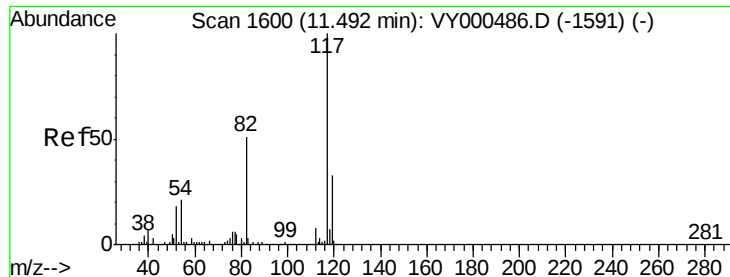
100000

50000

0

Time--> 12.40 12.45 12.50 12.55





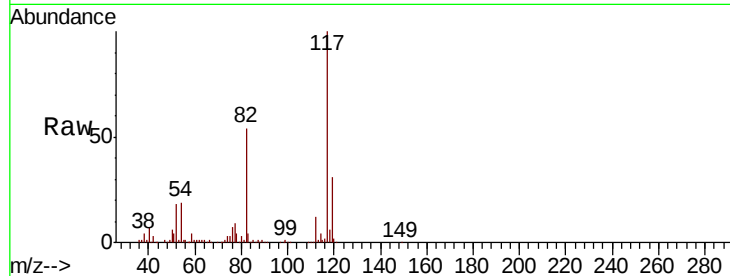
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	40.8	61.2
119	31.2	26.2	39.2

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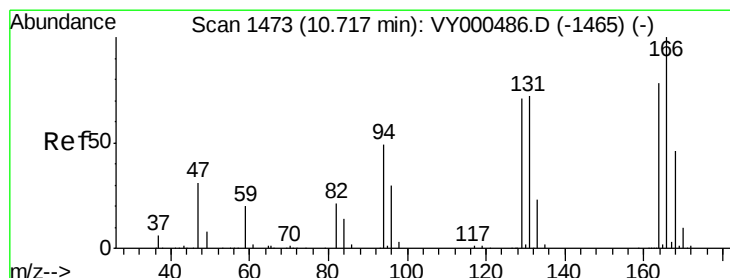
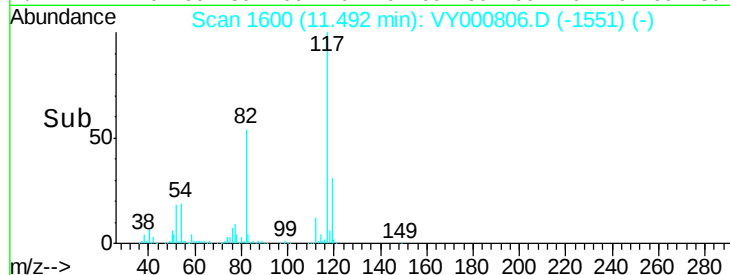
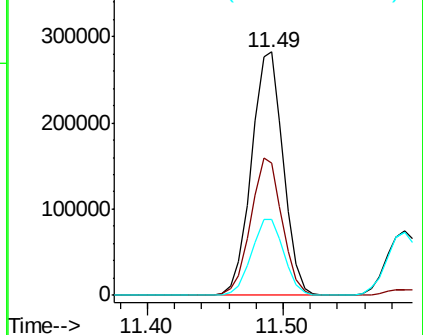


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 55.237 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.7	154.1
129	95.3	73.2	109.8
131	90.7	74.2	111.2

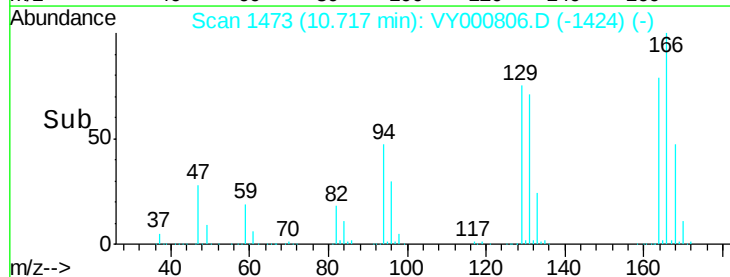
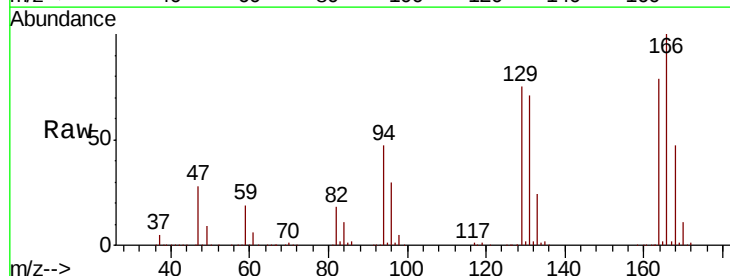
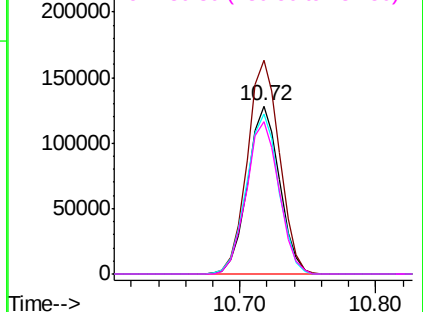
Abundance

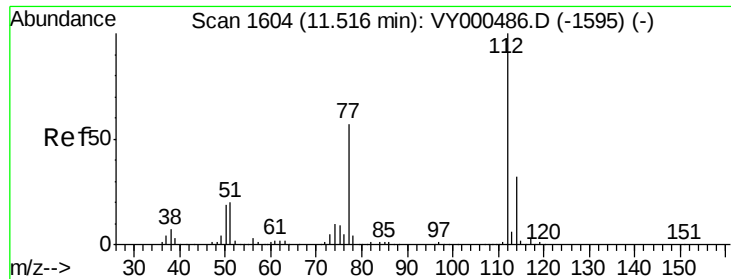
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





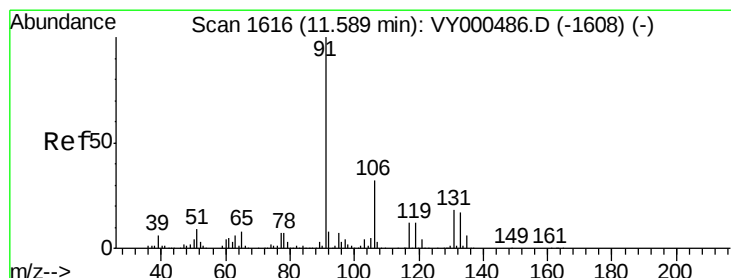
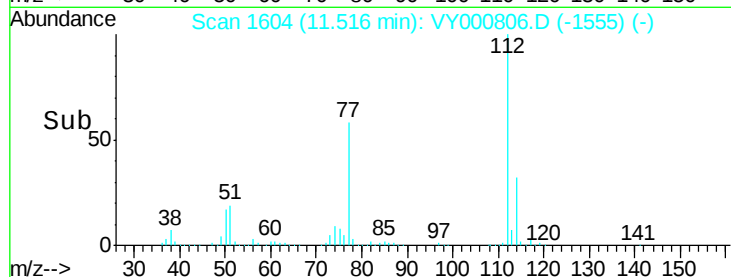
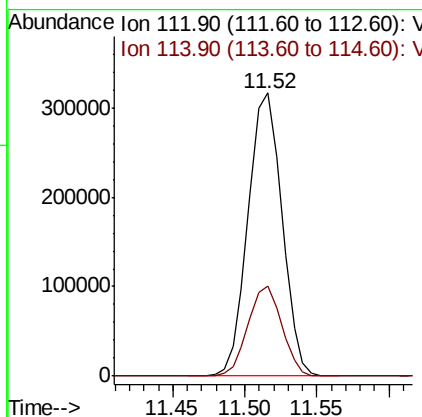
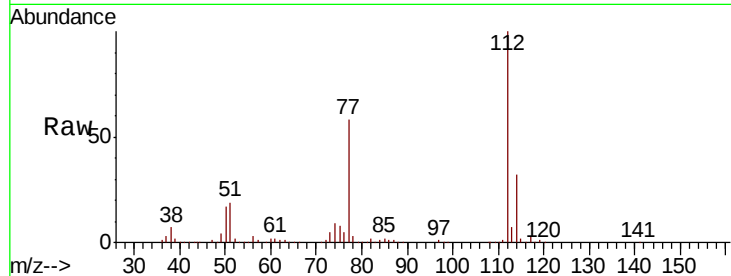
#65
Chlorobenzene
Concen: 55.222 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 517259
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

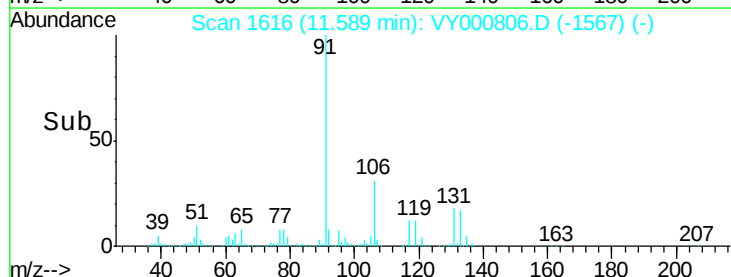
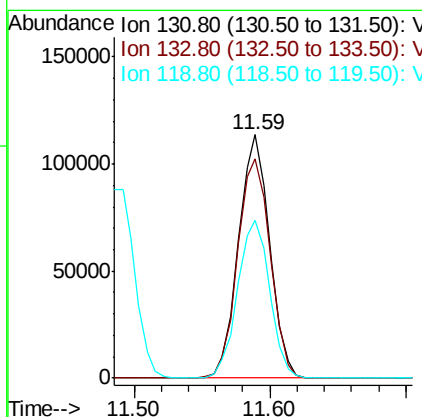
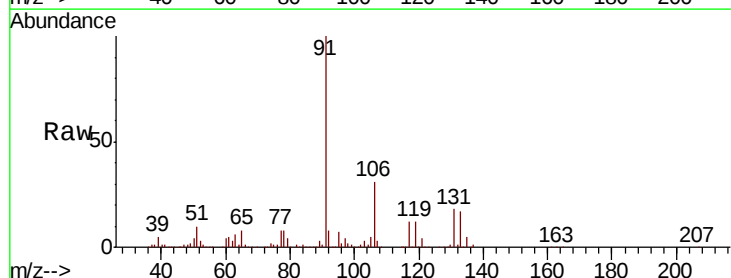
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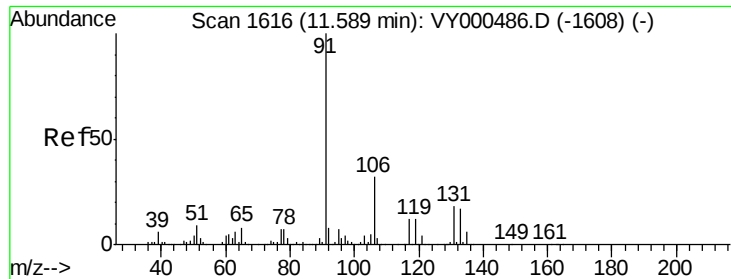
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.808 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion:131 Resp: 181296
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.8
119 67.2 33.1 99.3





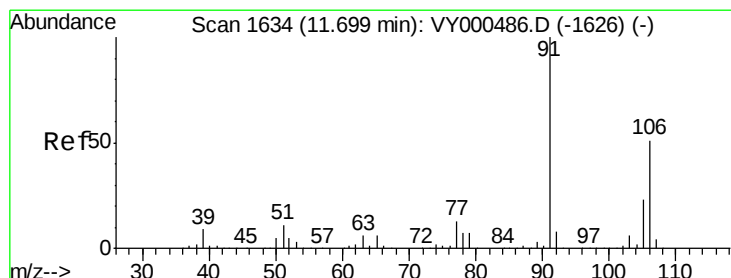
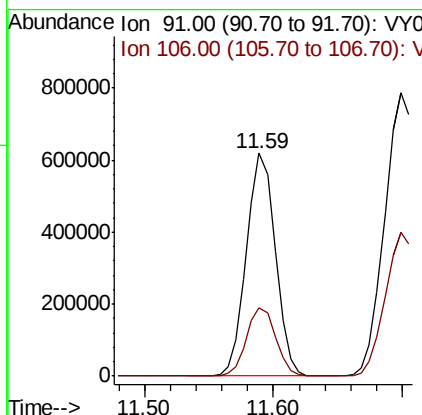
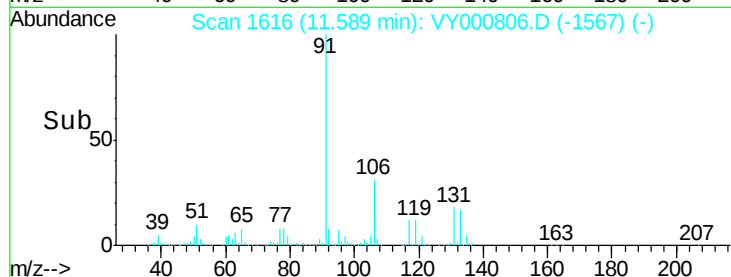
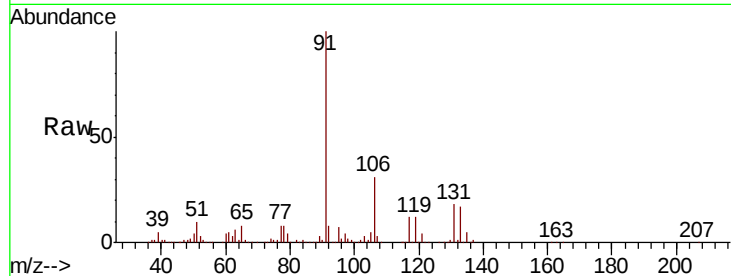
#67
Ethyl Benzene
Concen: 55.574 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 958043
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0

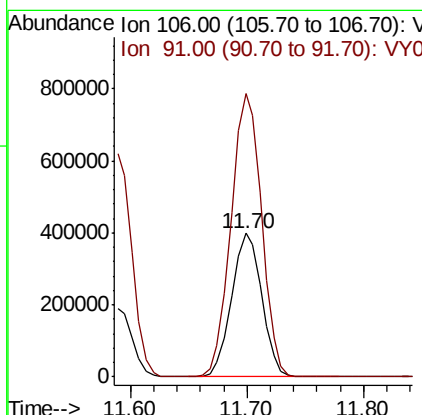
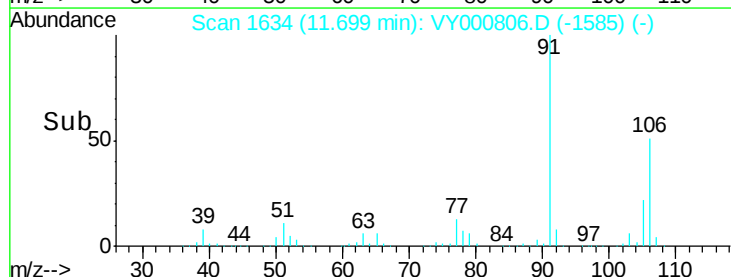
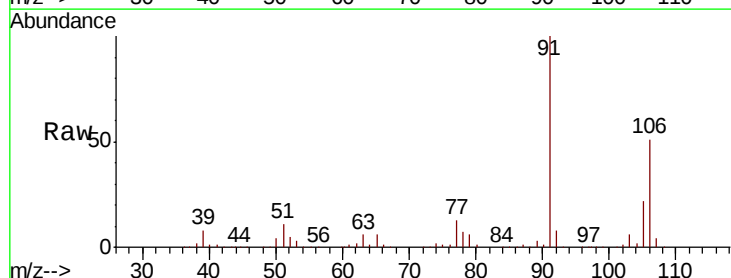
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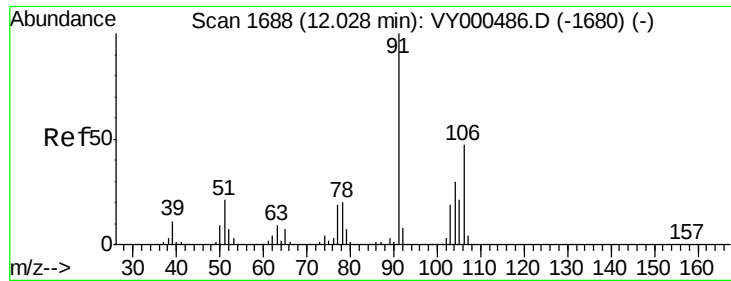
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#68
m/p-Xylenes
Concen: 107.710 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion: 106 Resp: 718668
Ion Ratio Lower Upper
106 100
91 199.6 155.9 233.9





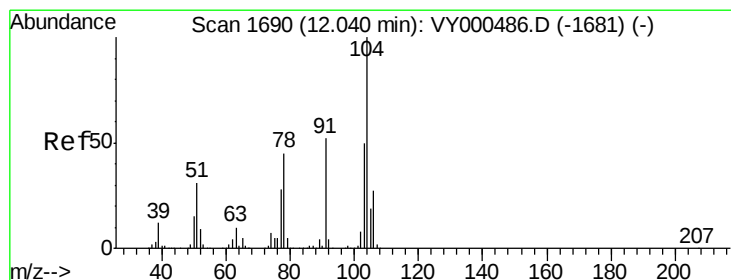
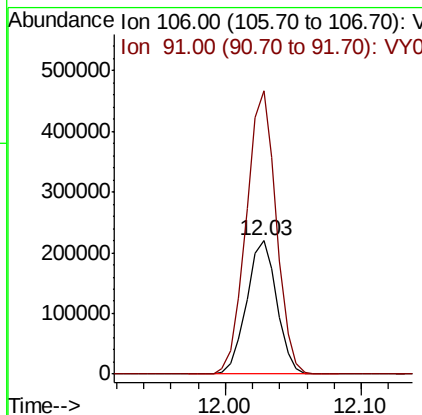
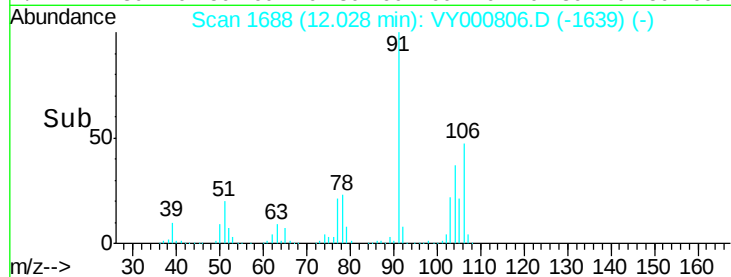
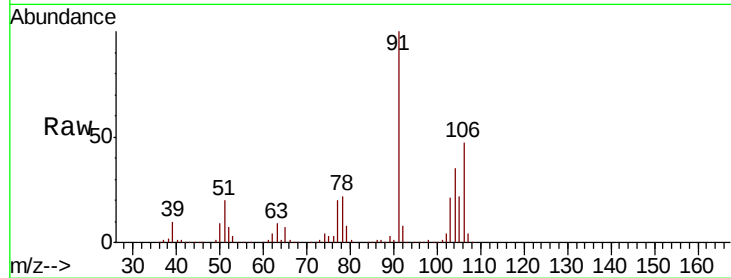
#69
o-Xylene
Concen: 54.507 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 341802
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.6

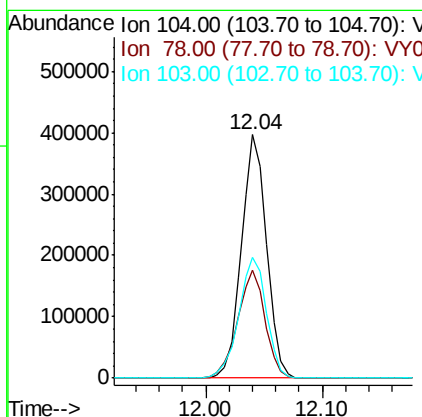
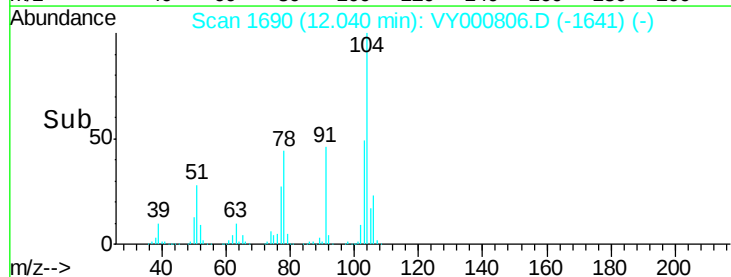
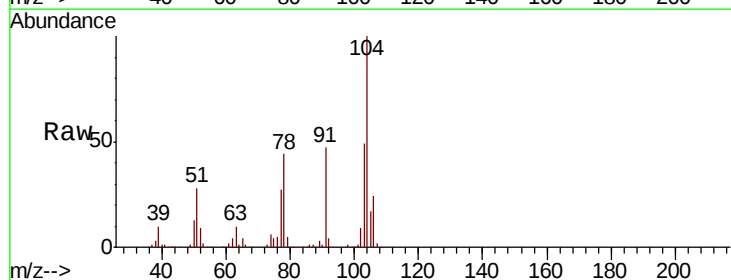
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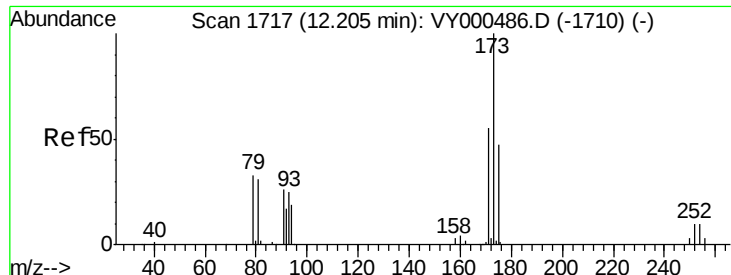
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#70
Styrene
Concen: 55.562 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion:104 Resp: 596617
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.6 42.5 63.7





#71

Bromoform

Concen: 53.492 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 99949

Ion Ratio Lower Upper

173 100

175 50.0 24.4 73.2

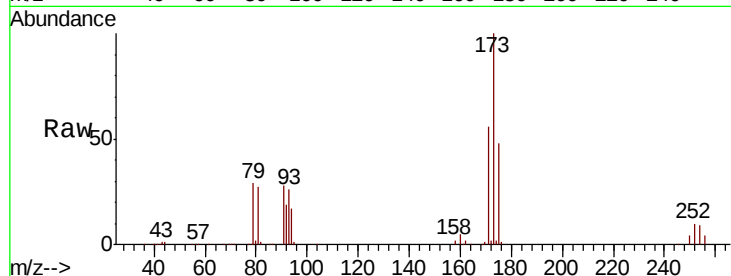
254 0.0 0.1 0.1#

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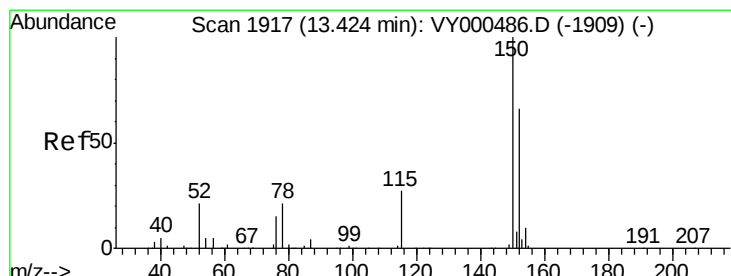
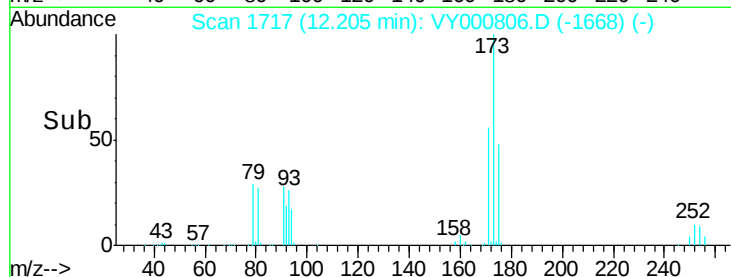
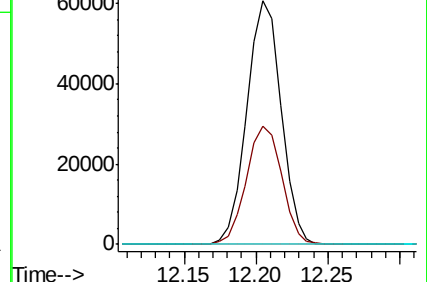
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

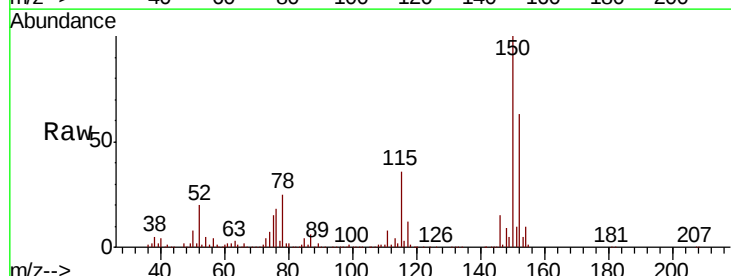
Tgt Ion:152 Resp: 221022

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.4

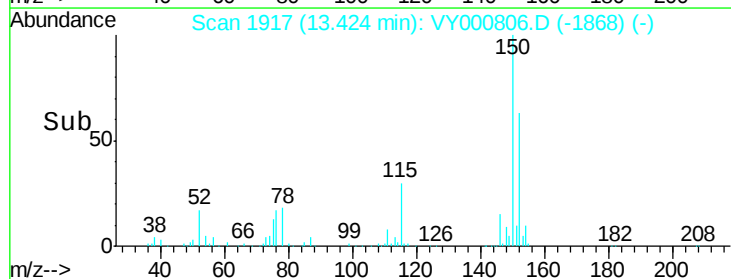
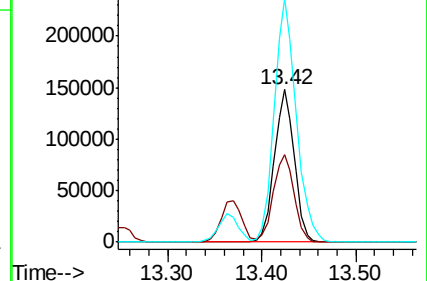
150 176.4 0.0 348.8

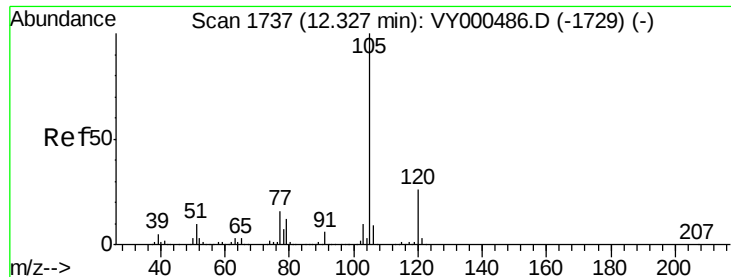


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





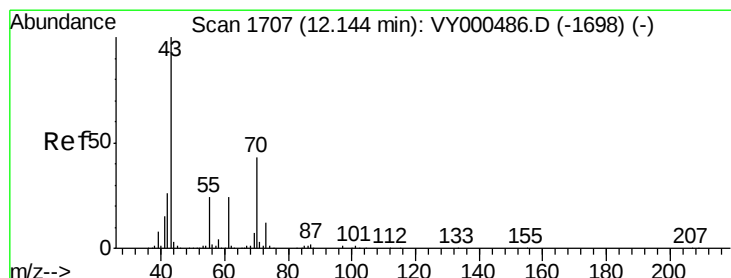
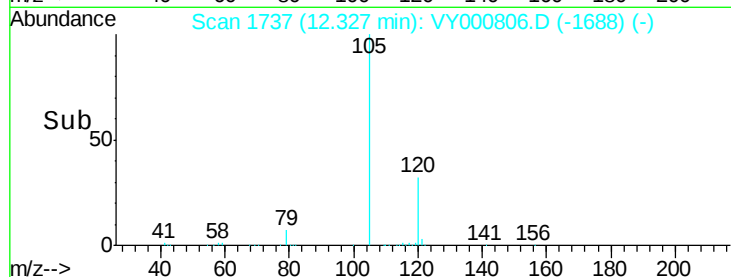
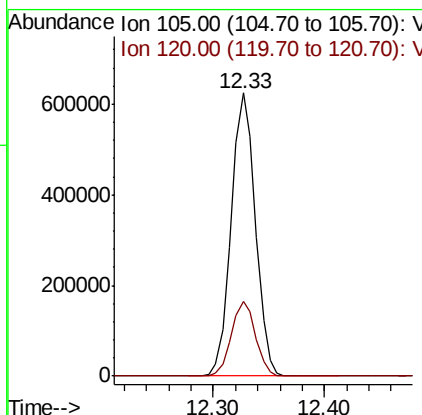
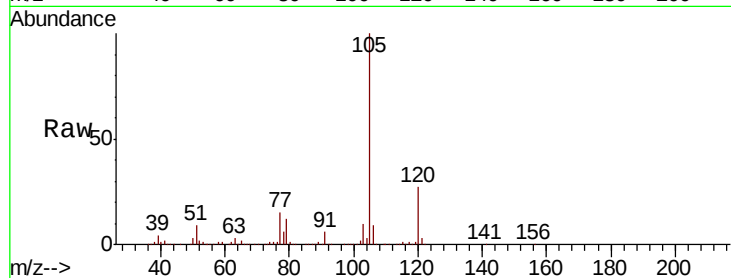
#73
Isopropylbenzene
Concen: 57.343 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.5	40.4

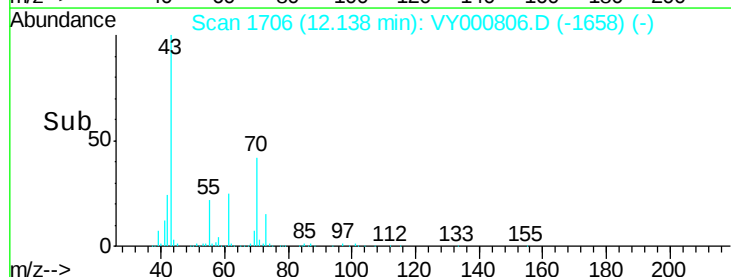
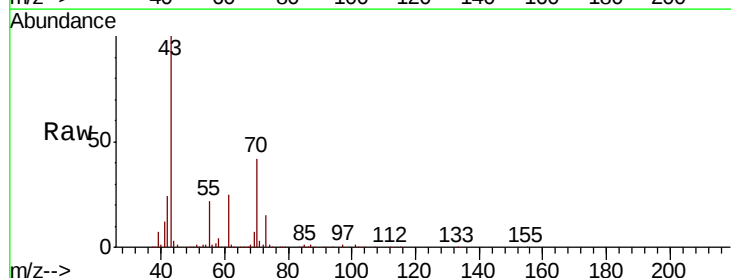
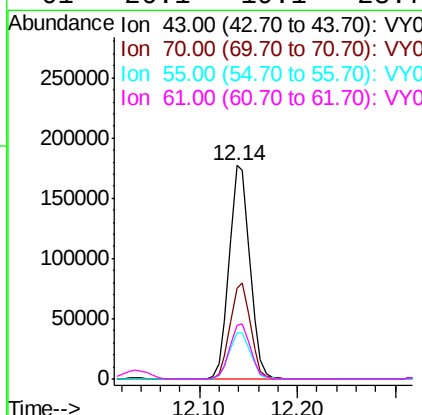
Manual Integrations
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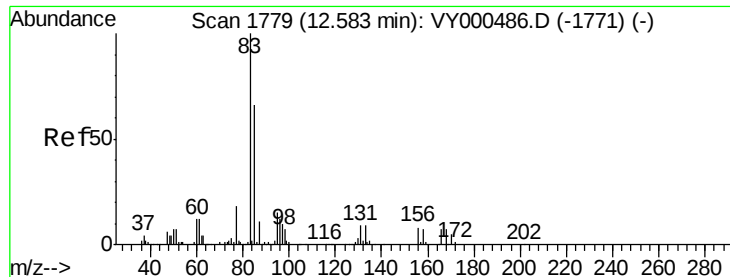
apatel
11/27/2019 5:14:35 PM



#74
N-ethyl acetate
Concen: 55.787 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.4	33.1	49.7
55	22.5	18.0	27.0
61	26.1	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 55.617 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

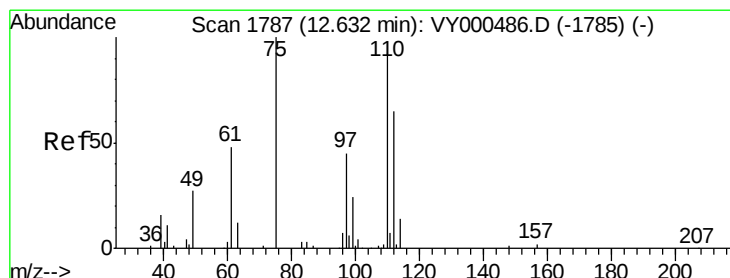
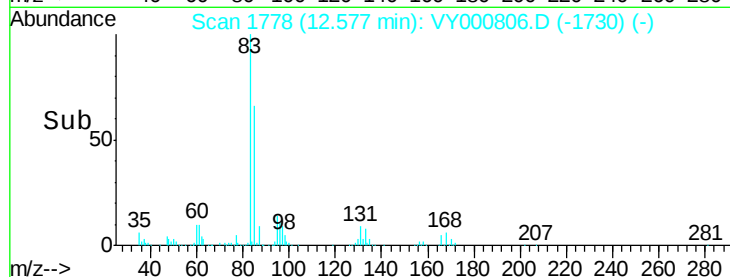
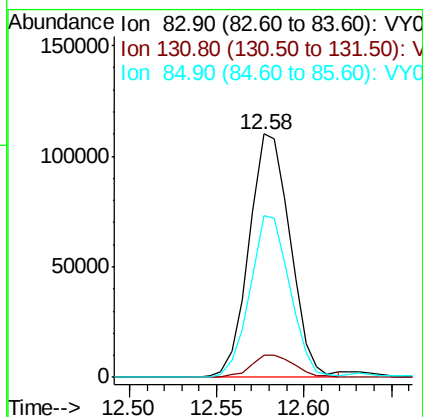
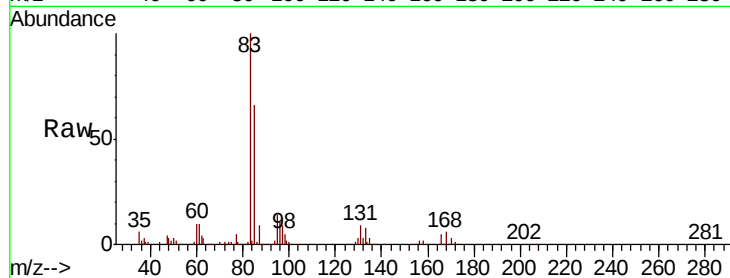
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	179886
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.0	14.9
85	64.6	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 51.904 ug/l m

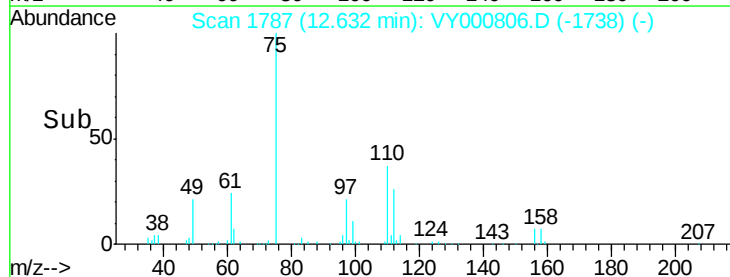
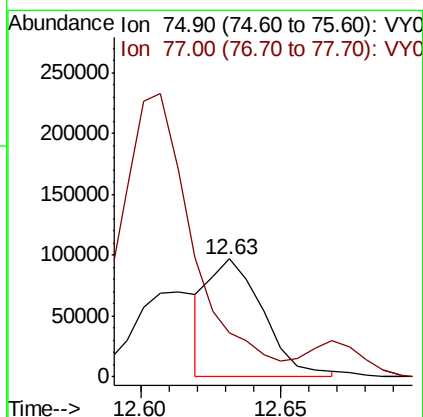
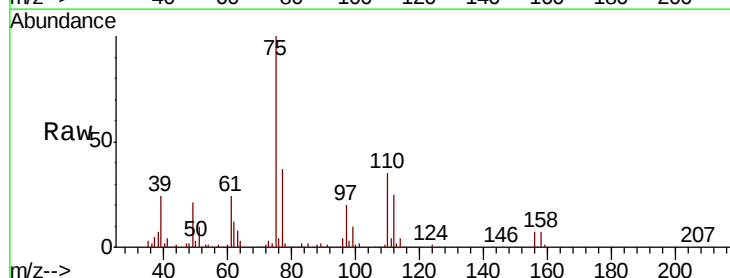
RT: 12.63 min Scan# 1787

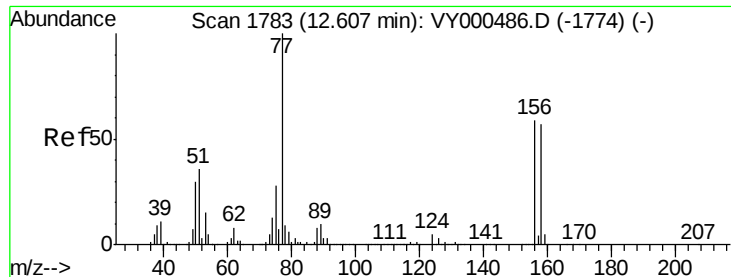
Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Tgt Ion:	75	Resp:	130623
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.924 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

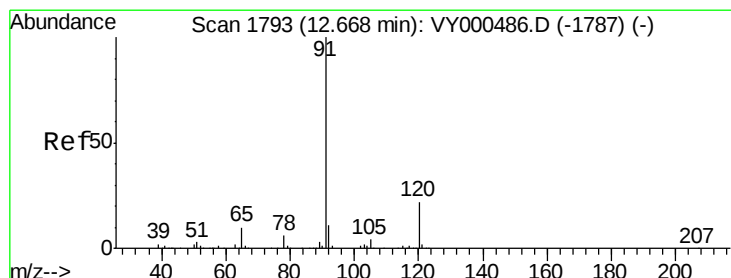
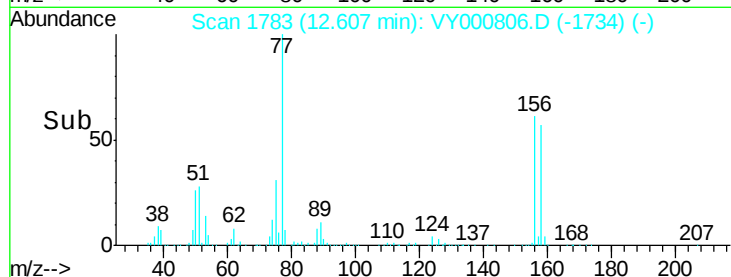
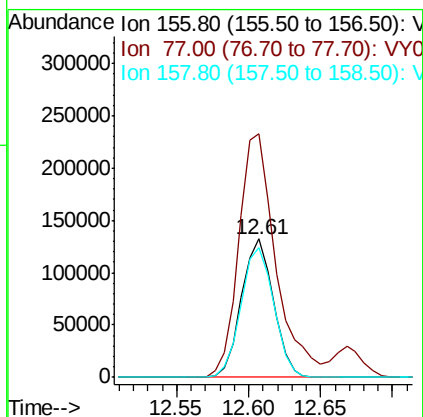
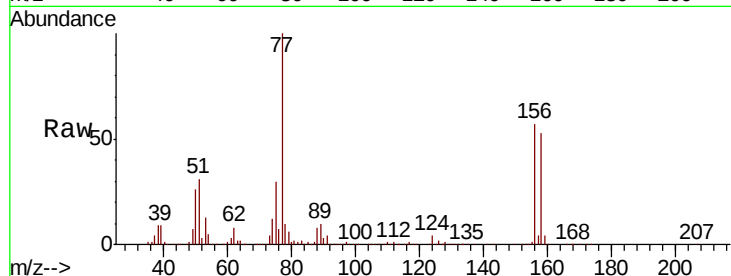
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	203456
Ion Ratio	Lower	Upper	
156	100		
77	204.6	98.2	294.4
158	96.3	49.6	149.0

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#78

n-propylbenzene

Concen: 57.252 ug/l

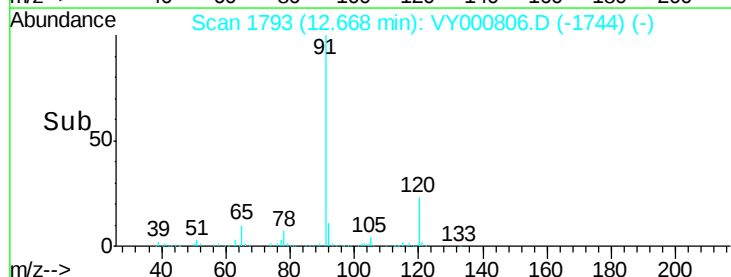
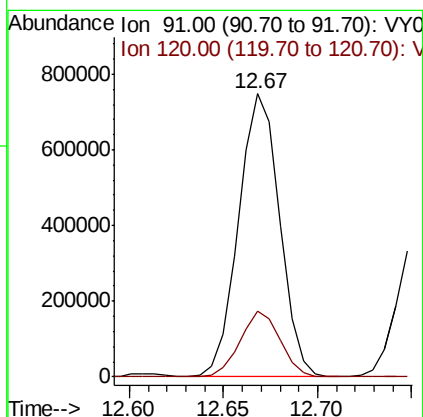
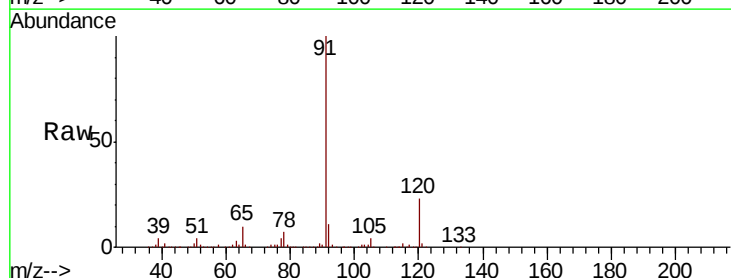
RT: 12.67 min Scan# 1793

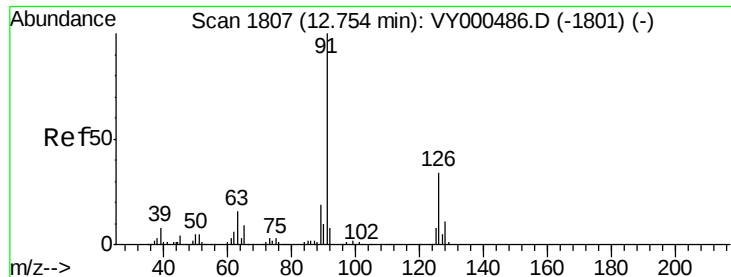
Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Tgt Ion:	91	Resp:	1128420
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.4	34.1





#79

2-Chlorotoluene

Concen: 56.682 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 620215

Ion Ratio Lower Upper

91 100

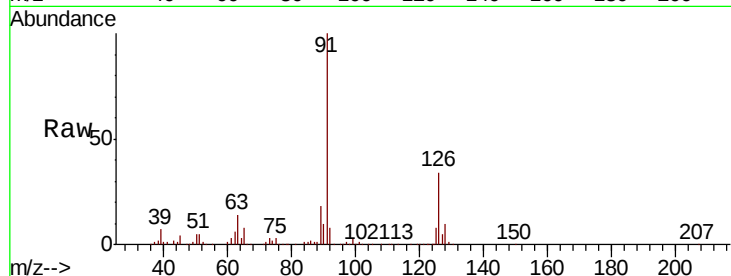
126 34.0 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VY000806.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY000806.D (-1758) (-)

800000

600000

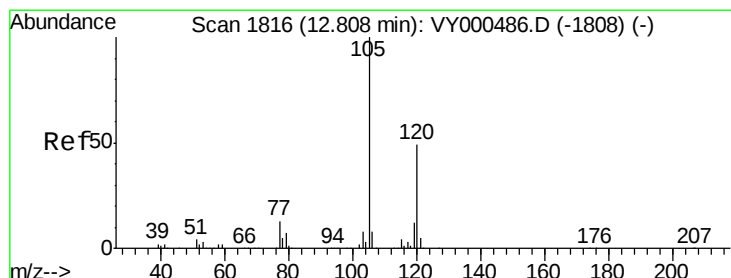
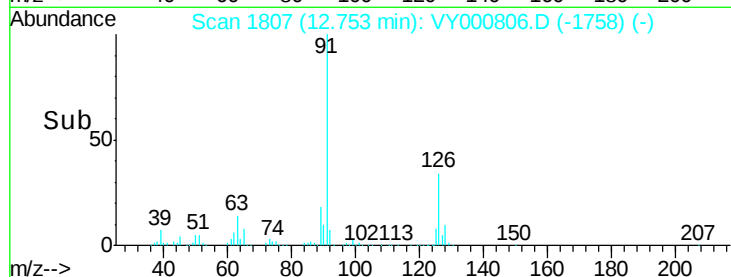
400000

200000

0

12.70 12.75 12.80

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 56.325 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000806.D

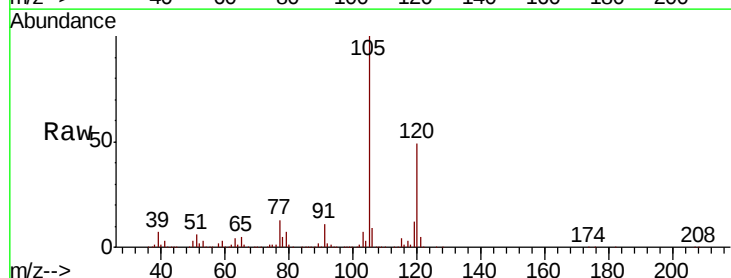
Acq: 26 Nov 2019 17:37

Tgt Ion: 105 Resp: 766289

Ion Ratio Lower Upper

105 100

120 48.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000806.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY000806.D (-1767) (-)

600000

500000

400000

300000

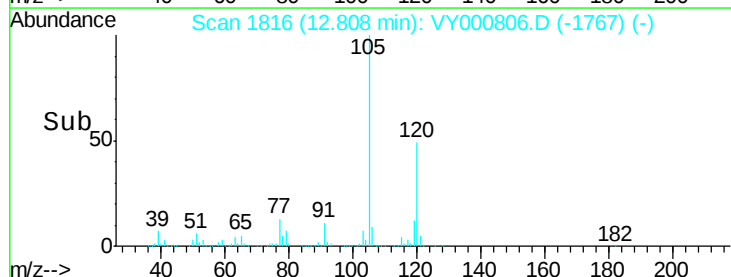
200000

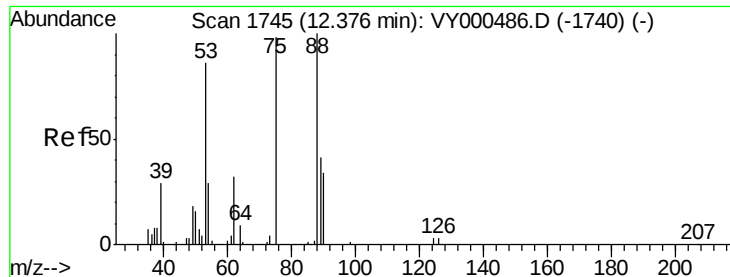
100000

0

12.75 12.80 12.85 12.90

Time-->





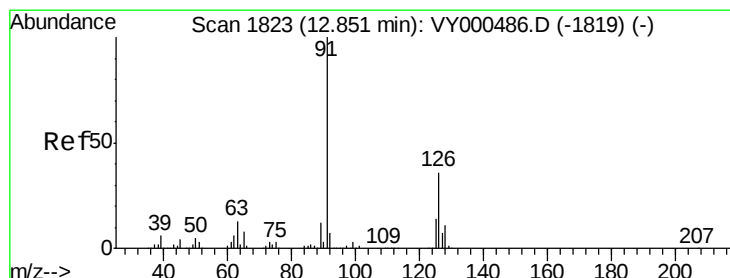
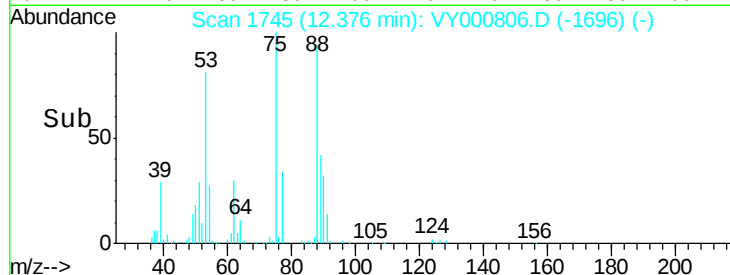
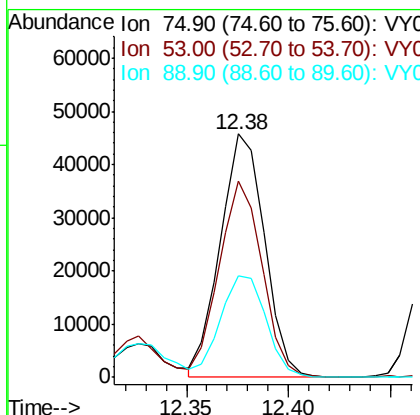
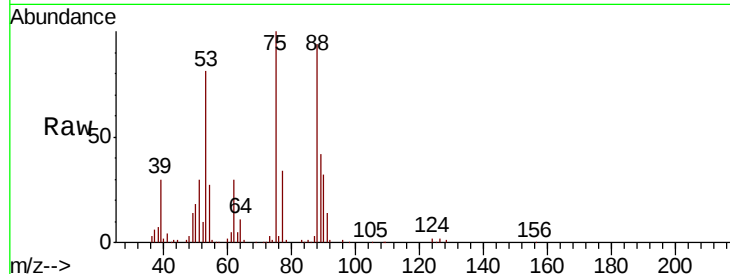
#81
trans-1,4-Dichloro-2-butene
Concen: 60.722 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.4	73.2	109.8
89	43.4	35.9	53.9

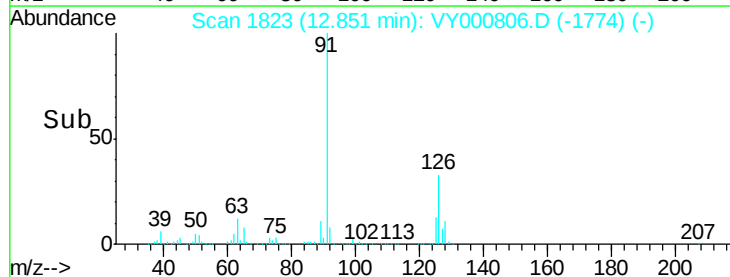
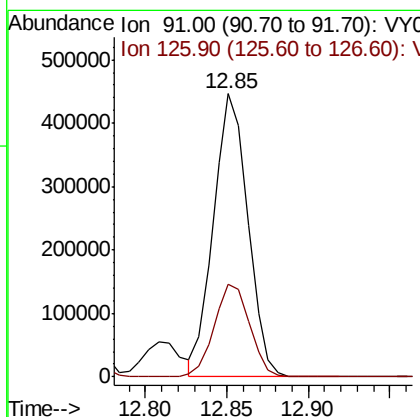
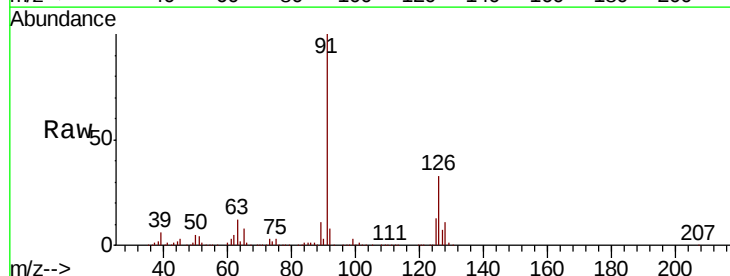
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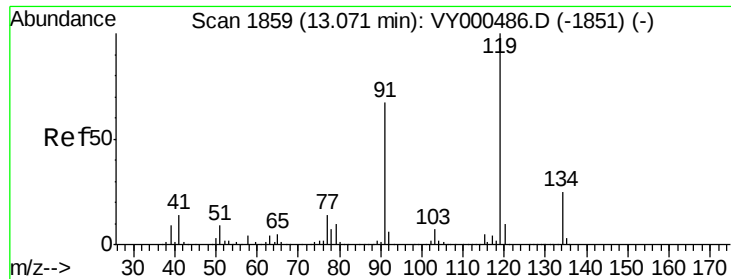
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#82
4-Chlorotoluene
Concen: 57.782 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.6	52.9





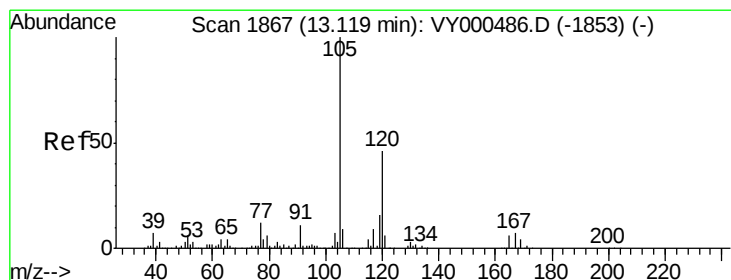
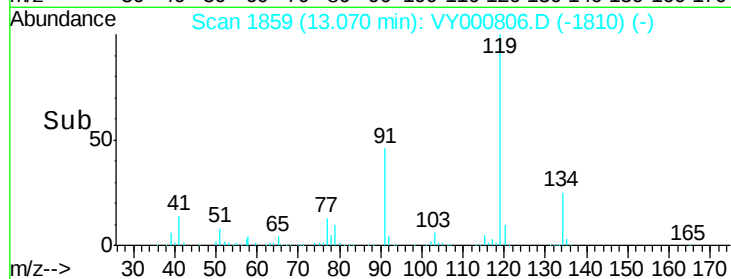
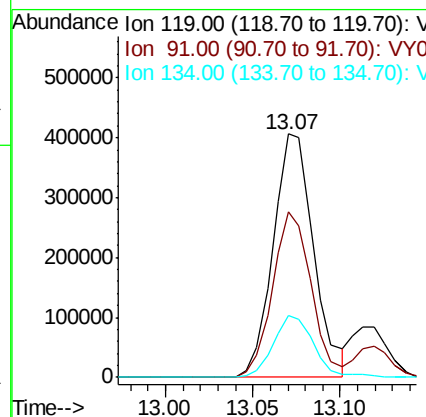
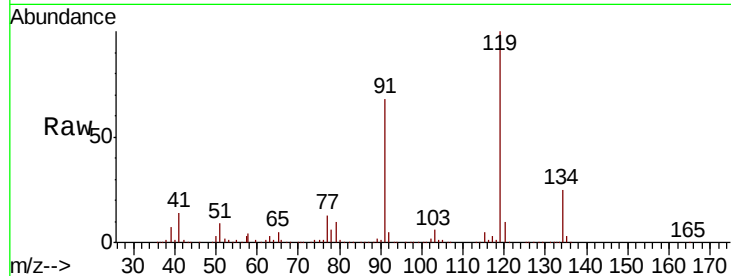
#83
tert-Butylbenzene
Concen: 56.774 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.1	96.3
134	25.5	13.2	39.5

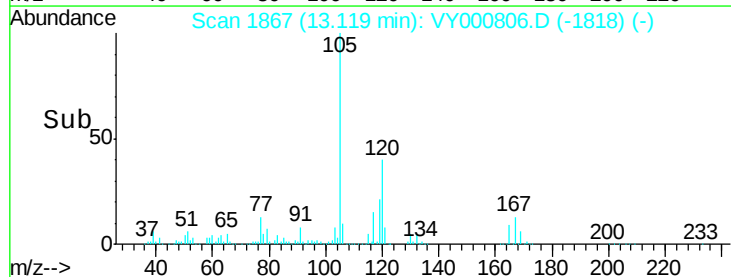
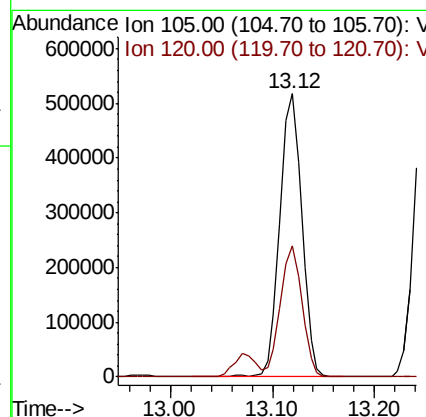
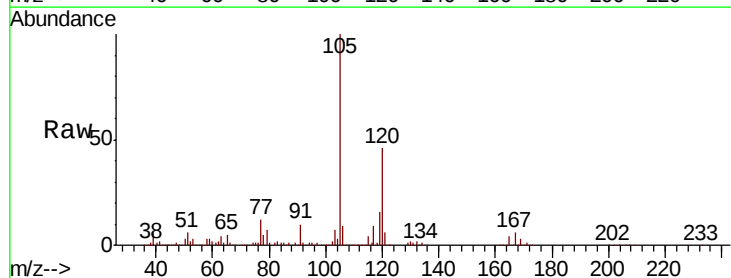
Manual Integrations
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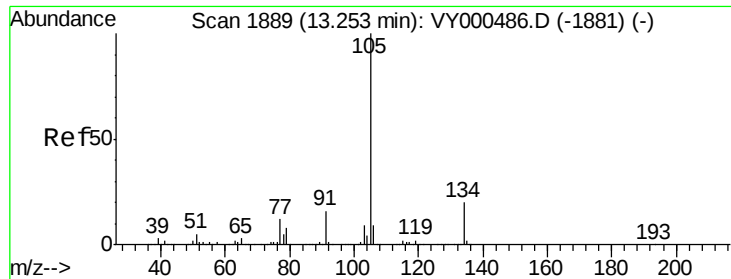
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#84
1,2,4-Trimethylbenzene
Concen: 56.799 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.9





#85

sec-Butylbenzene

Concen: 57.673 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 954473

Ion Ratio Lower Upper

105 100

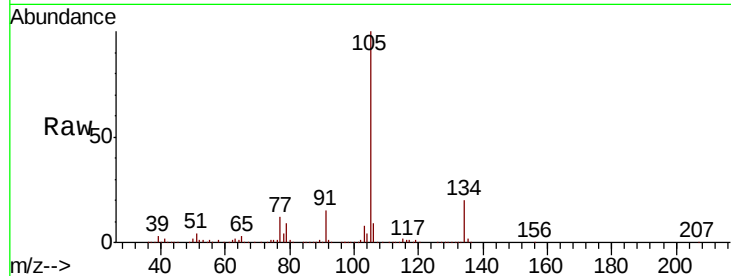
134 19.7 10.1 30.1

Manual Integrations

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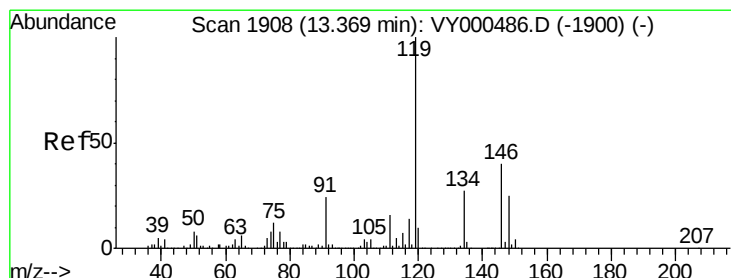
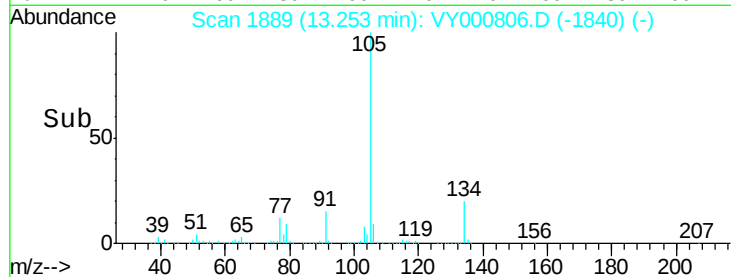
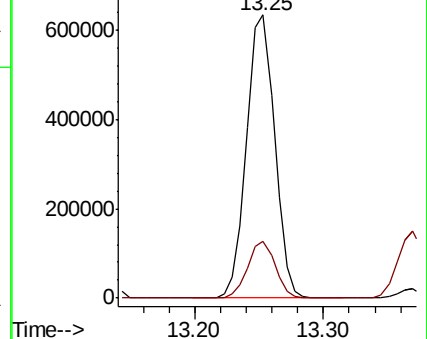
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.053 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

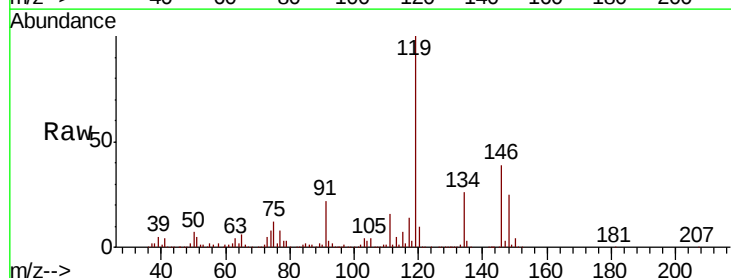
Tgt Ion:119 Resp: 826786

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

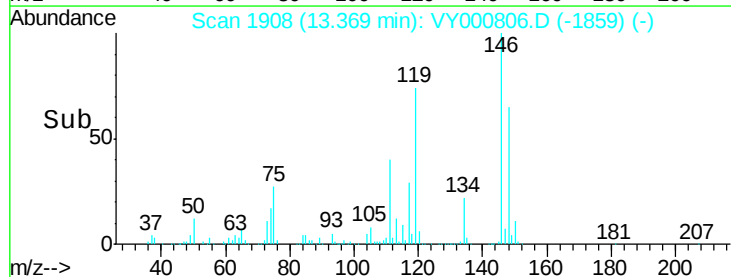
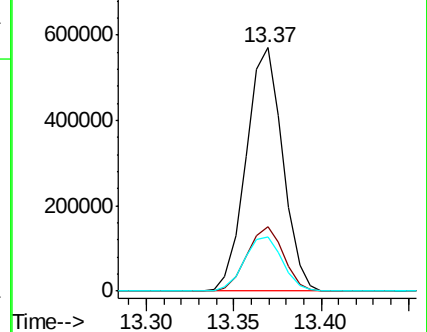
91 23.2 12.0 36.1

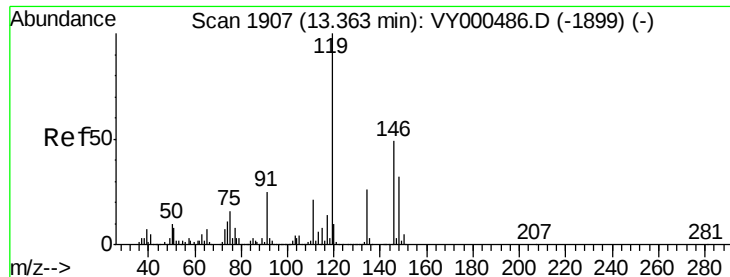


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





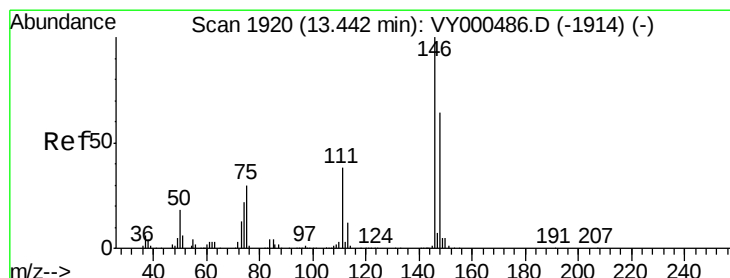
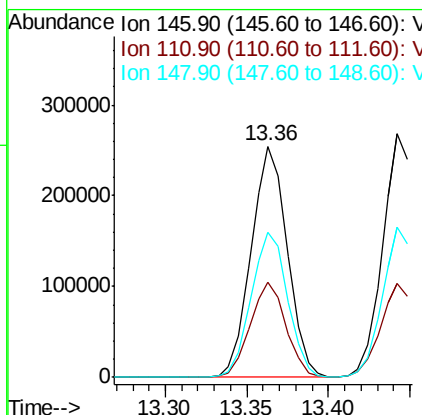
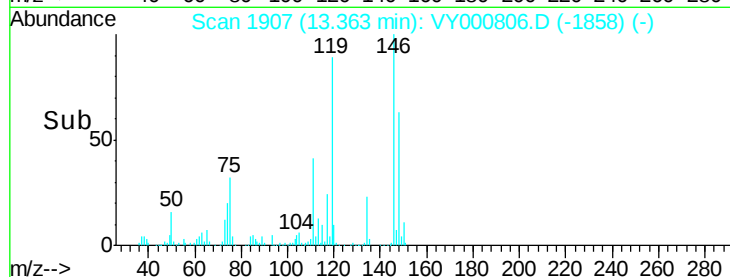
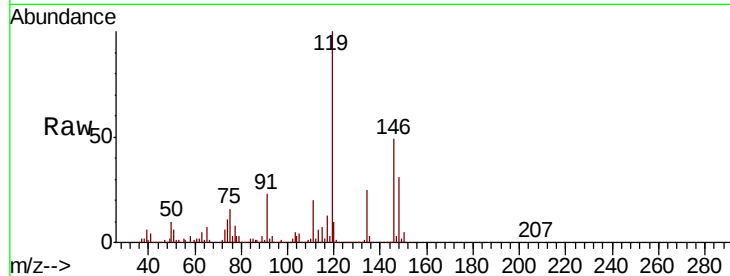
#87
 1,3-Dichlorobenzene
 Concen: 53.916 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391196		
111	40.9	20.3	60.8	
148	63.2	31.5	94.5	

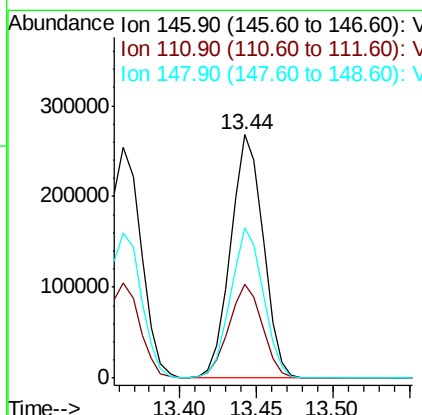
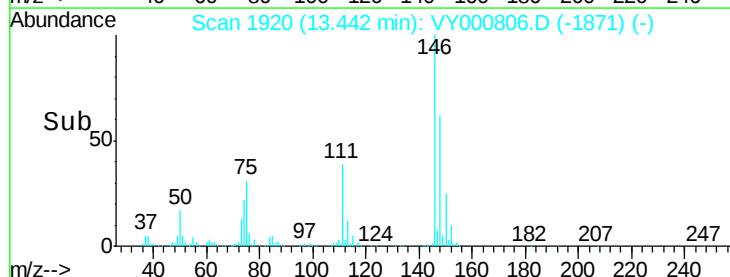
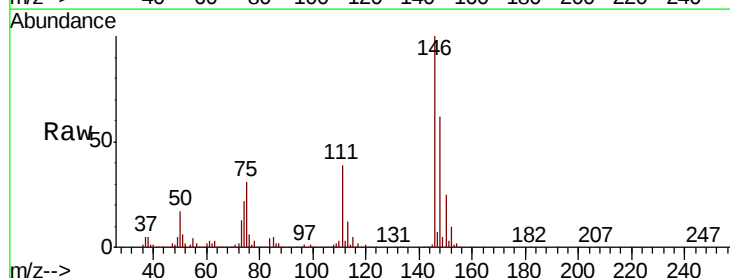
Manual Integrations
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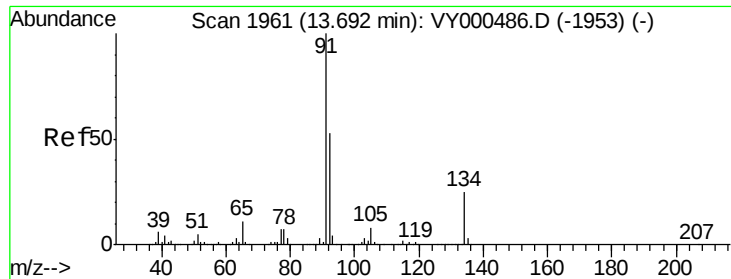
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#88
 1,4-Dichlorobenzene
 Concen: 54.805 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	397357		
111	39.6	19.7	59.0	
148	62.0	31.9	95.7	





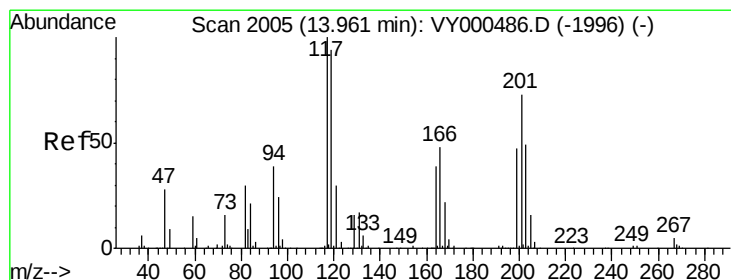
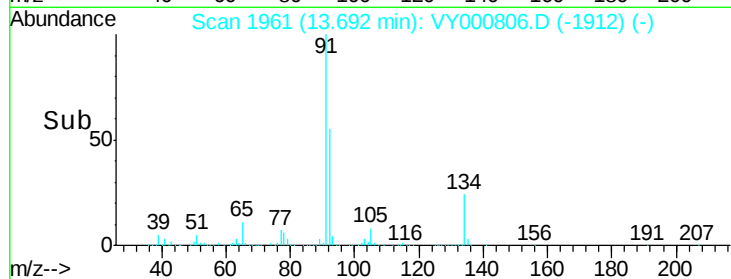
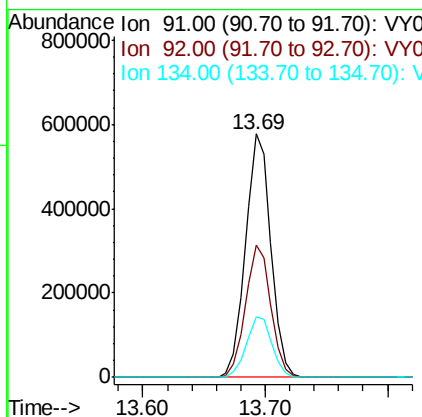
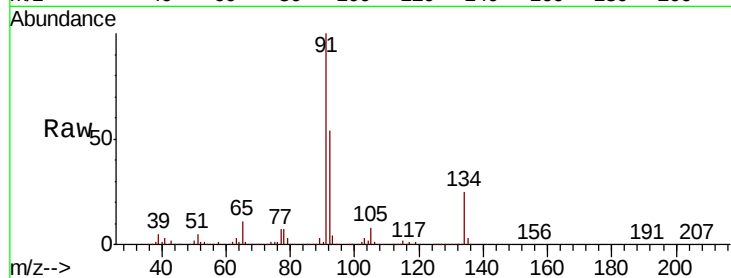
#89
n-Butylbenzene
Concen: 56.854 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.8	80.3
134	25.4	12.9	38.7

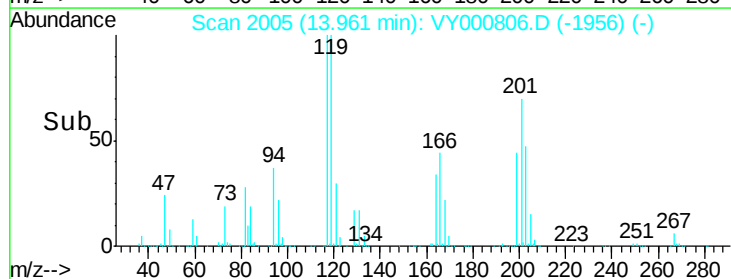
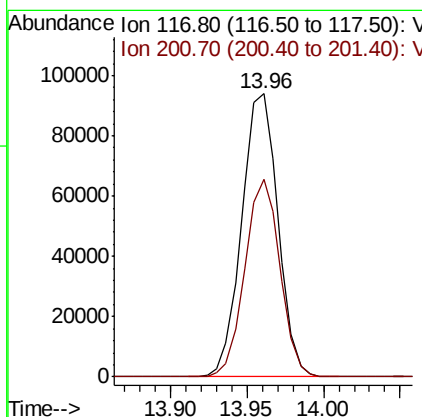
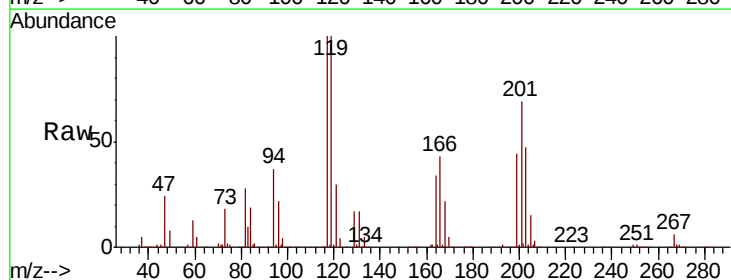
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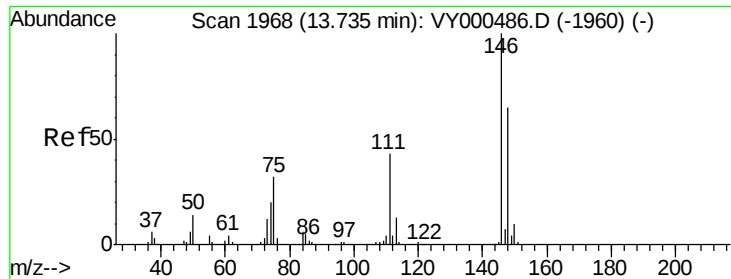
apatel
11/27/2019 5:14:35 PM



#90
Hexachloroethane
Concen: 56.766 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000806.D
Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.5	35.8	107.3





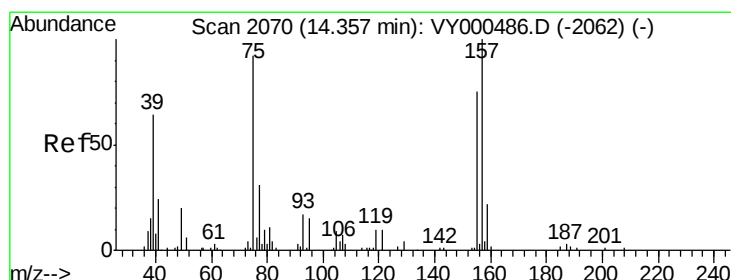
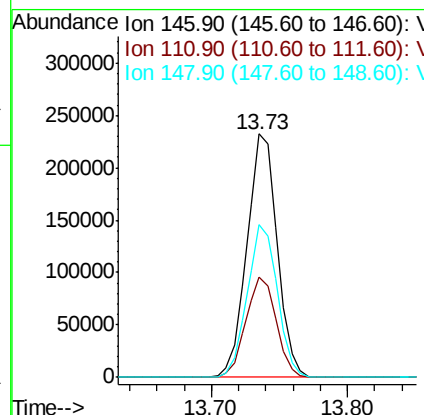
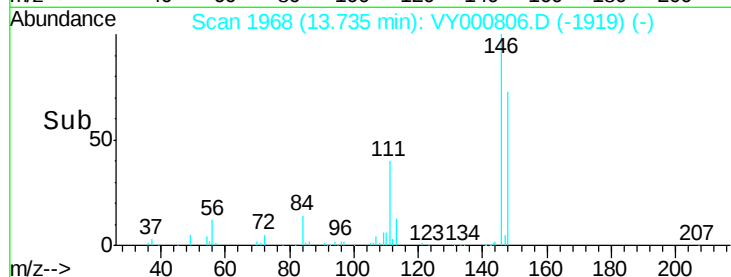
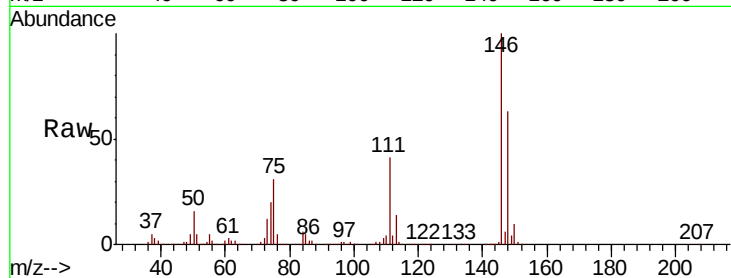
#91
 1,2-Dichlorobenzene
 Concen: 54.971 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	62.5	31.7	95.1

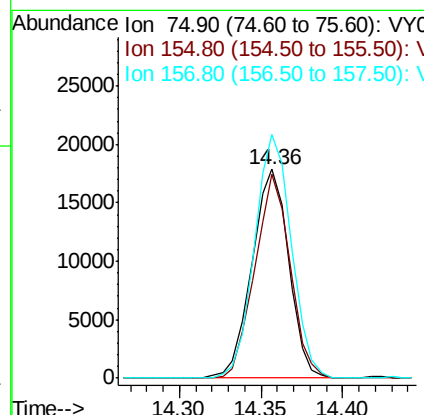
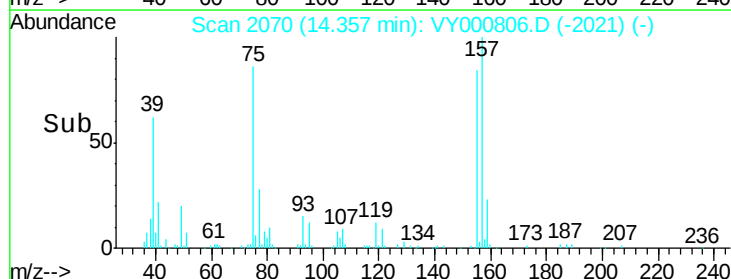
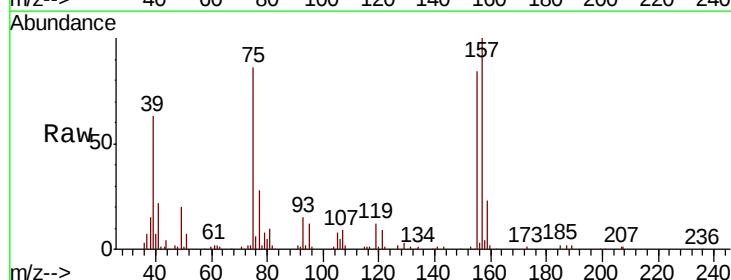
Manual Integrations
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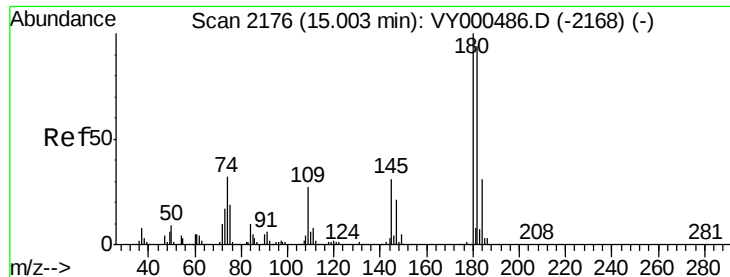
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.076 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.3	42.4	127.1
157	116.2	55.1	165.3





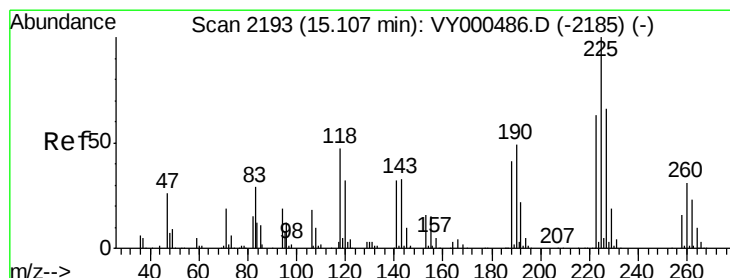
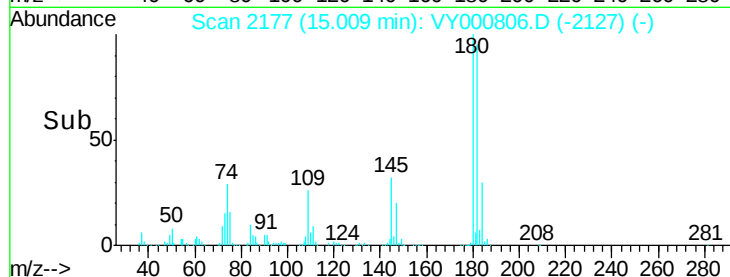
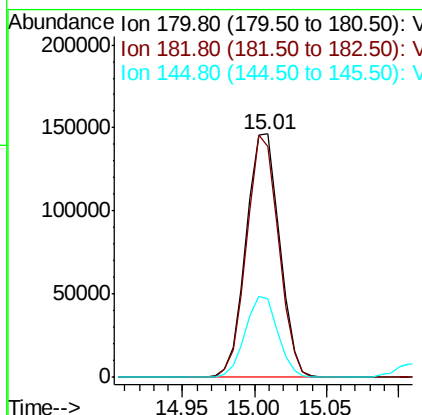
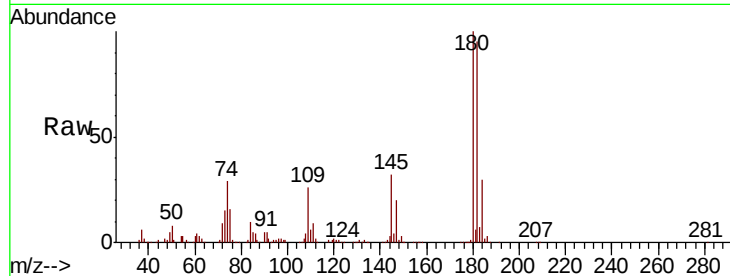
#93
 1,2,4-Trichlorobenzene
 Concen: 52.399 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	234875		
182	95.1	47.8	143.4	
145	32.4	16.0	47.9	

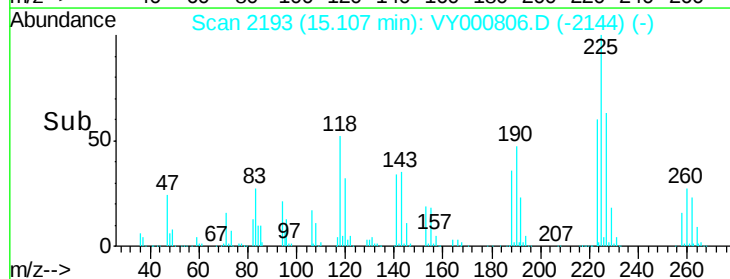
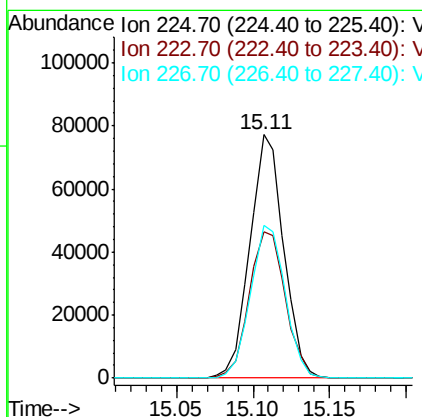
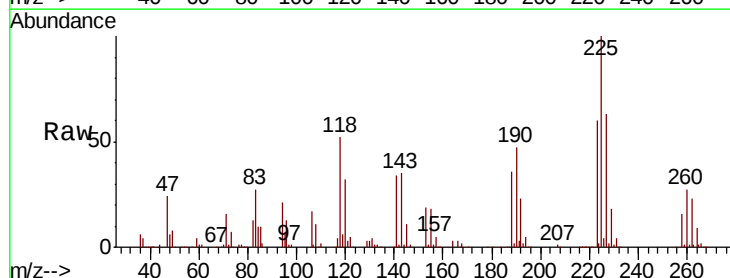
Manual Integrations
 APPROVED

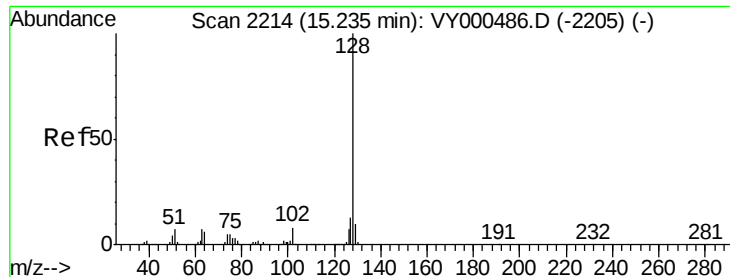
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#94
 Hexachlorobutadiene
 Concen: 51.378 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000806.D
 Acq: 26 Nov 2019 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	118715		
223	64.4	31.3	93.8	
227	64.4	32.4	97.0	





#95

Naphthalene

Concen: 54.950 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Instrument :

MSVOA_Y

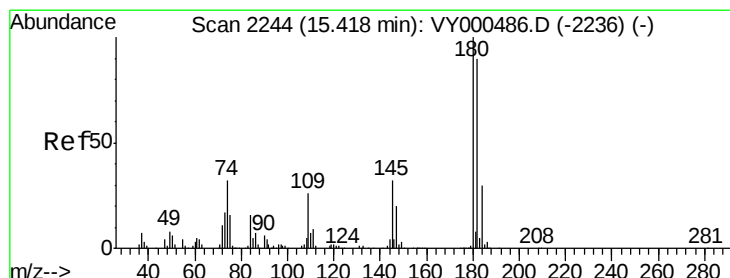
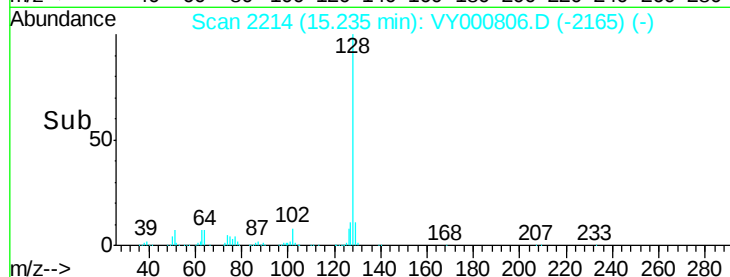
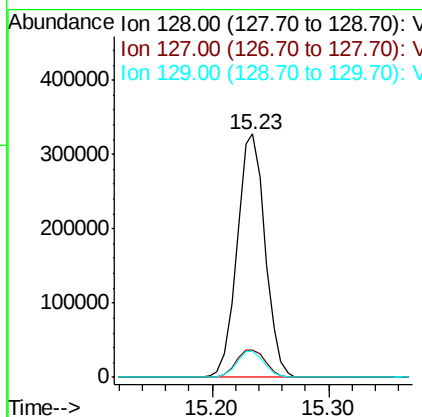
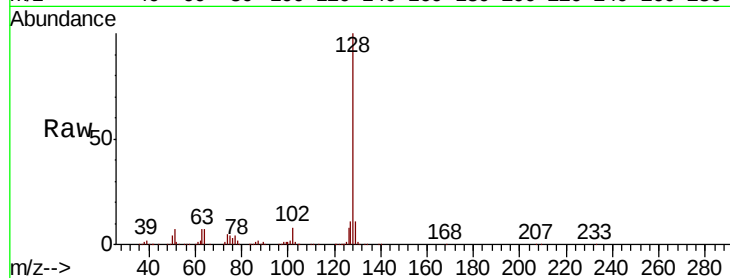
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	546795
Ion Ratio	Lower	Upper	
128	100		
127	12.0	9.8	14.6
129	11.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 52.941 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000806.D

Acq: 26 Nov 2019 17:37

Tgt Ion:	180	Resp:	212898
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.4	142.3
145	33.2	15.7	47.0

