

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000762.D
 Acq On : 21 Nov 2019 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/23/2019 6:11:07 AM

Quant Time: Nov 22 03:20:18 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	346270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	604829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	185647	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	7.73	113	181777	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.18	98	743590	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.48	95	259742	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	155577	45.642	ug/l	100
3) Chloromethane	2.12	50	190485	40.566	ug/l	100
4) Vinyl Chloride	2.25	62	191607	43.942	ug/l	100
5) Bromomethane	2.65	94	118995	45.508	ug/l	90
6) Chloroethane	2.79	64	120897	44.300	ug/l	98
7) Trichlorofluoromethane	3.13	101	296570	50.362	ug/l	94
8) Diethyl Ether	3.53	74	116163	55.516	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	191321	53.740	ug/l	94
10) Methyl Iodide	4.09	142	226212	48.384	ug/l	97
11) Tert butyl alcohol	4.96	59	89323	256.068	ug/l	99
12) 1,1-Dichloroethene	3.88	96	185004	53.487	ug/l	99
13) Acrolein	3.73	56	79161	260.530	ug/l	99
14) Allyl chloride	4.48	41	310939	55.285	ug/l	93
15) Acrylonitrile	5.17	53	300972	280.791	ug/l	98
16) Acetone	3.95	43	270179	273.561	ug/l	91
17) Carbon Disulfide	4.19	76	549581	50.377	ug/l	100
18) Methyl Acetate	4.49	43	164799	53.665	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	523270	54.411	ug/l	97
20) Methylene Chloride	4.72	84	213218	50.383	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	207795	53.140	ug/l	98
22) Diisopropyl ether	6.13	45	641986	52.516	ug/l	92
23) Vinyl Acetate	6.07	43	1992146	258.155	ug/l	96
24) 1,1-Dichloroethane	6.02	63	362968	54.807	ug/l	99
25) 2-Butanone	7.00	43	410233	260.266	ug/l	98
26) 2,2-Dichloropropane	6.99	77	309148	51.080	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	238585	55.799	ug/l	95
28) Bromochloromethane	7.34	49	168866	55.426	ug/l	100
29) Tetrahydrofuran	7.35	42	246943	256.095	ug/l	95
30) Chloroform	7.52	83	357218	53.320	ug/l	99
31) Cyclohexane	7.78	56	355167	51.203	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	303711	50.866	ug/l	98
36) 1,1-Dichloropropene	7.92	75	284701	49.792	ug/l	99
37) Ethyl Acetate	7.08	43	160733	47.349	ug/l #	93
38) Carbon Tetrachloride	7.91	117	263197	47.839	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	374098	50.643	ug/l	97
40) Benzene	8.16	78	855963	51.062	ug/l	99
41) Methacrylonitrile	7.33	41	99689m	52.641	ug/l	
42) 1,2-Dichloroethane	8.24	62	217778	45.805	ug/l	96
43) Isopropyl Acetate	8.28	43	312139	48.949	ug/l	98
44) Trichloroethene	8.94	130	222196	50.273	ug/l	98
45) 1,2-Dichloropropane	9.22	63	214912	52.091	ug/l	94
46) Dibromomethane	9.31	93	112317	49.501	ug/l	97
47) Bromodichloromethane	9.50	83	270704	50.281	ug/l	98
48) Methyl methacrylate	9.30	41	135090	48.485	ug/l	92
49) 1,4-Dioxane	9.30	88	33059	1082.580	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	810072	238.929	ug/l	93
52) Toluene	10.24	92	521567	49.213	ug/l	96
53) t-1,3-Dichloropropene	10.46	75	299398	52.045	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	345179	52.377	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	167809	51.133	ug/l	98
56) Ethyl methacrylate	10.51	69	249086	53.550	ug/l	91
57) 1,3-Dichloropropane	10.79	76	295543	51.453	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	574648	273.269	ug/l	99
59) 2-Hexanone	10.83	43	592506	239.857	ug/l	91
60) Dibromochloromethane	10.99	129	184980	49.209	ug/l	99
61) 1,2-Dibromoethane	11.09	107	161705	51.246	ug/l	99
64) Tetrachloroethene	10.72	164	226621	51.703	ug/l	97
65) Chlorobenzene	11.51	112	551095	51.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	193488	51.910	ug/l	98
67) Ethyl Benzene	11.59	91	1019777	51.556	ug/l	98
68) m/p-Xylenes	11.70	106	760311	99.314	ug/l	95
69) o-Xylene	12.03	106	364244	50.625	ug/l	97
70) Styrene	12.04	104	629071	51.059	ug/l	98
71) Bromoform	12.20	173	109903	51.264	ug/l #	98
73) Isopropylbenzene	12.33	105	980225	54.015	ug/l	100
74) N-amyl acetate	12.14	43	264258	50.845	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.58	83	194819	54.219	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	134821m	48.223	ug/l	
77) Bromobenzene	12.61	156	213697	51.928	ug/l	95
78) n-propylbenzene	12.67	91	1200451	54.825	ug/l	100
79) 2-Chlorotoluene	12.75	91	653652	53.773	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	815803	53.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	75291	60.381	ug/l	90
82) 4-Chlorotoluene	12.85	91	685554	54.407	ug/l	98
83) tert-Butylbenzene	13.07	119	699140	54.177	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	837484	55.653	ug/l	99
85) sec-Butylbenzene	13.25	105	1007119	54.777	ug/l	100
86) p-Isopropyltoluene	13.37	119	872751	53.261	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	417911	51.847	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	414935	51.515	ug/l	100
89) n-Butylbenzene	13.69	91	885454	54.787	ug/l	99
90) Hexachloroethane	13.95	117	163717	54.044	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	378958	51.817	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32845	51.650	ug/l	97

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QLast Update : Wed Oct 30 13:30:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	261828	52.580	ug/l	98
94) Hexachlorobutadiene	15.11	225	126563	49.306	ug/l	99
95) Naphthalene	15.23	128	604162	54.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	230091	51.503	ug/l	98

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

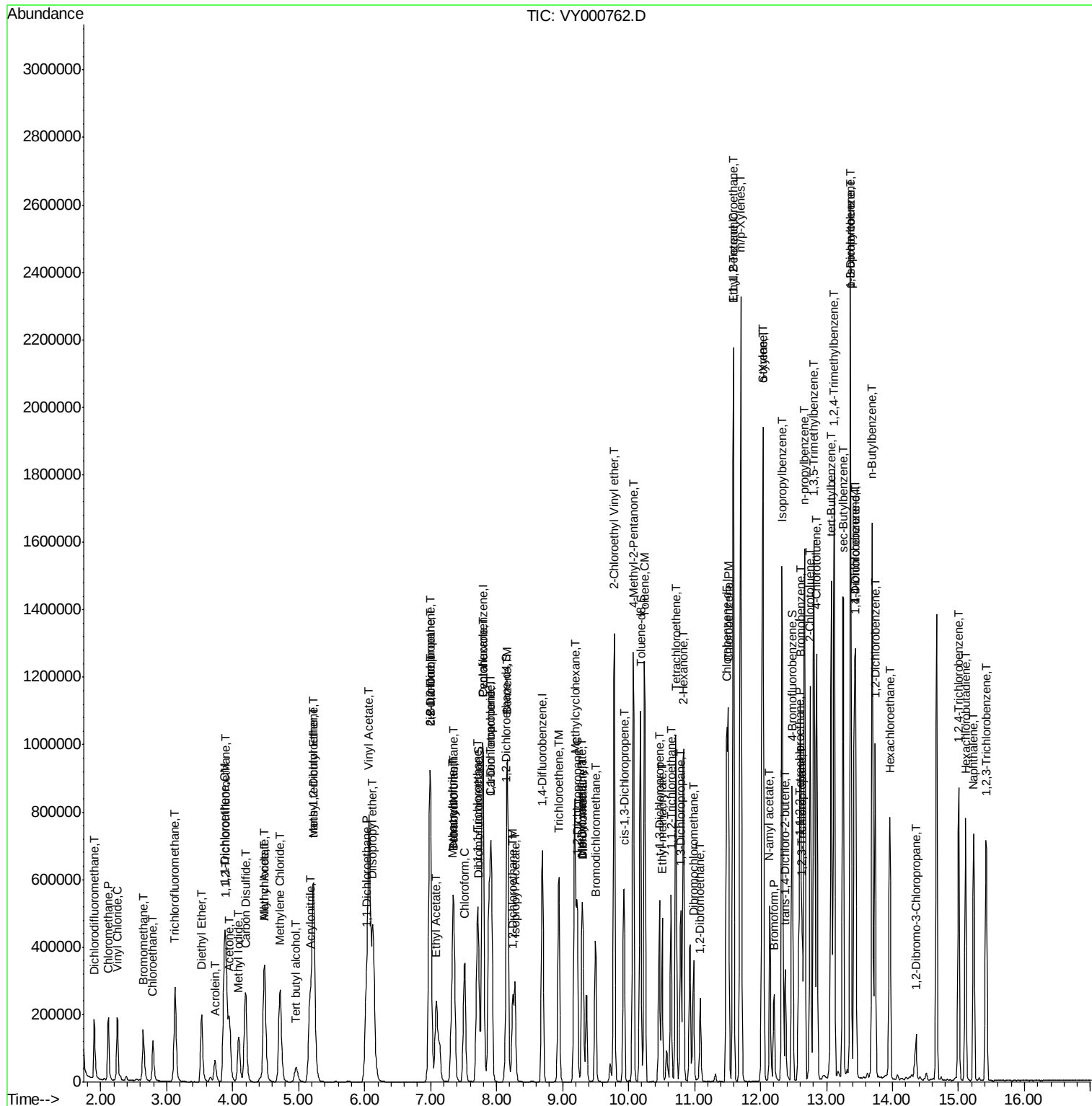
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
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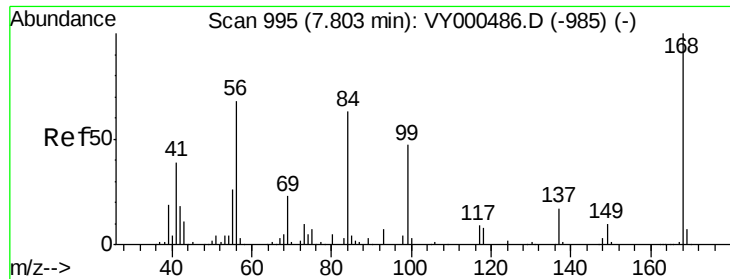
Instrument :
 MSVOA_Y
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 346270

Ion Ratio Lower Upper

168 100

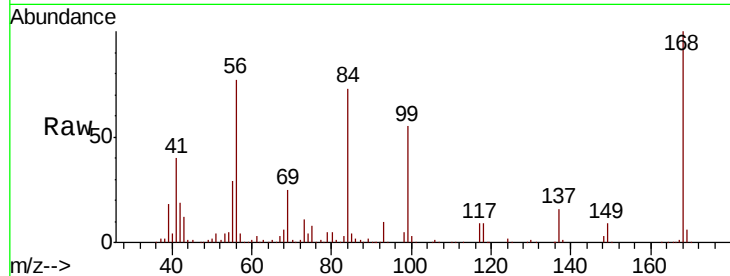
99 55.4 45.7 68.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

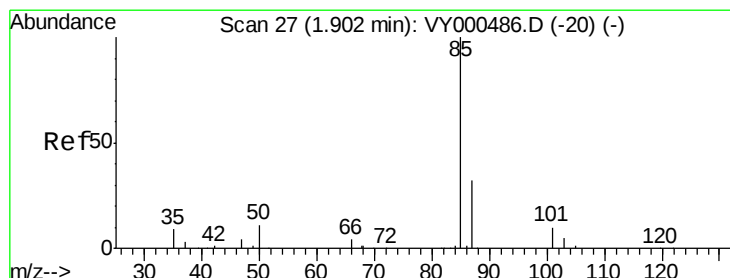
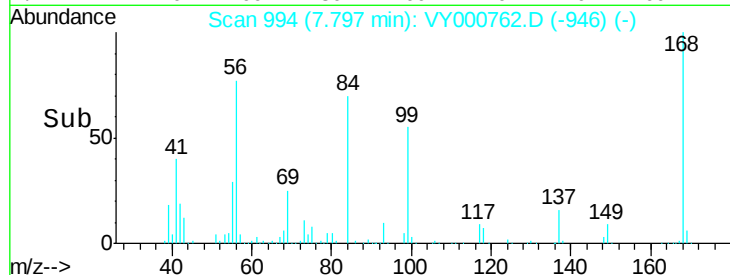
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.642 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000762.D

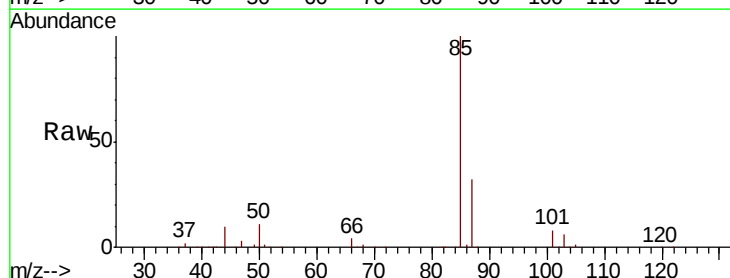
Acq: 21 Nov 2019 12:40

Tgt Ion: 85 Resp: 155577

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

120000

100000

80000

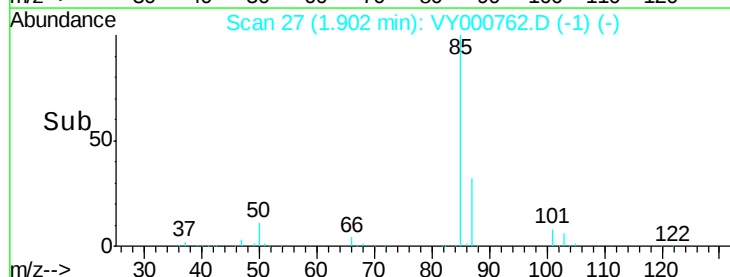
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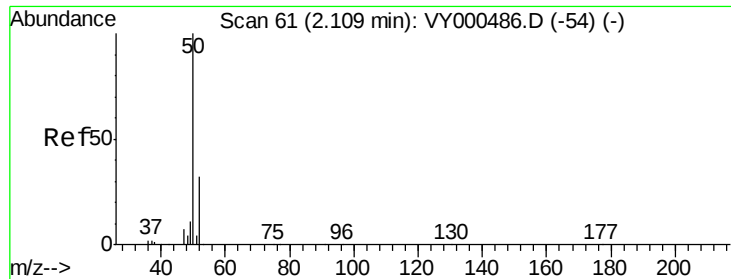
40000

20000

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Time-->





#3

Chloromethane

Concen: 40.566 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 190485

Ion Ratio Lower Upper

50 100

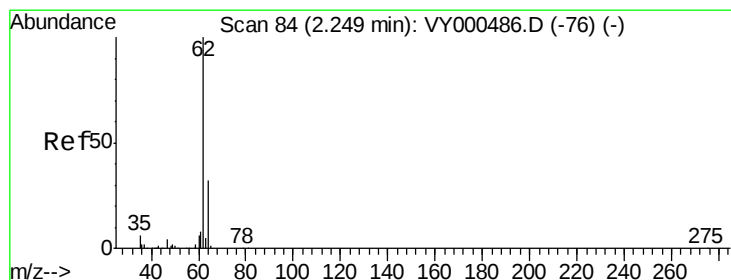
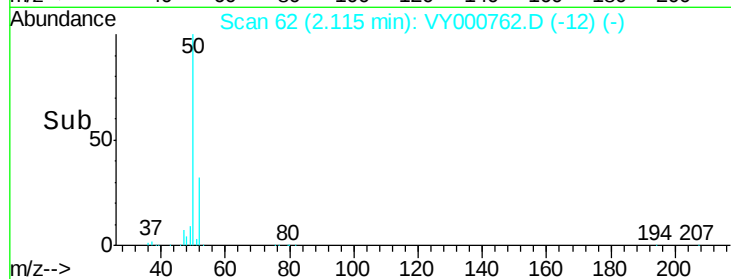
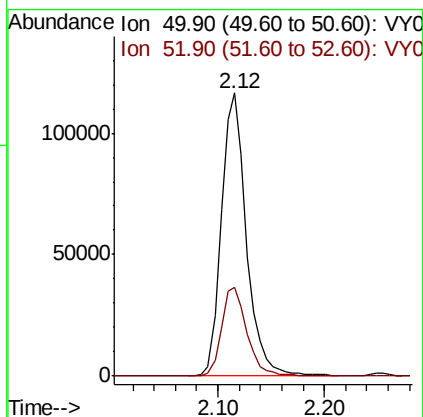
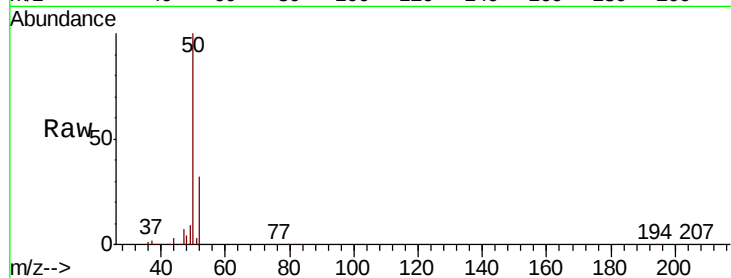
52 31.6 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.942 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000762.D

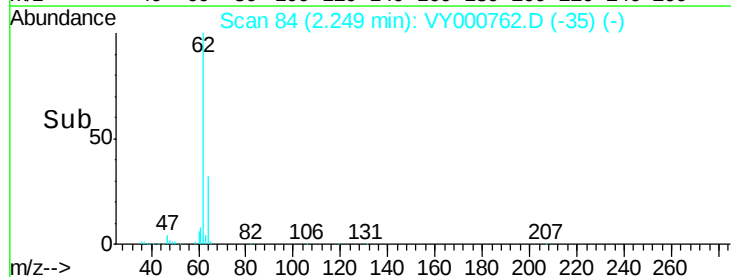
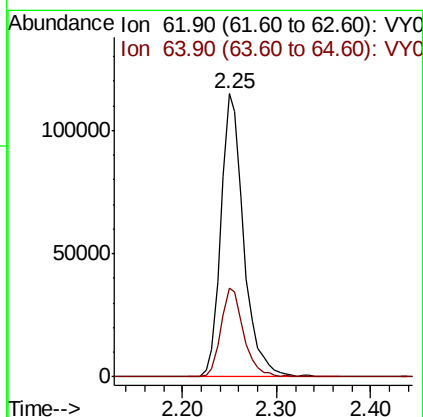
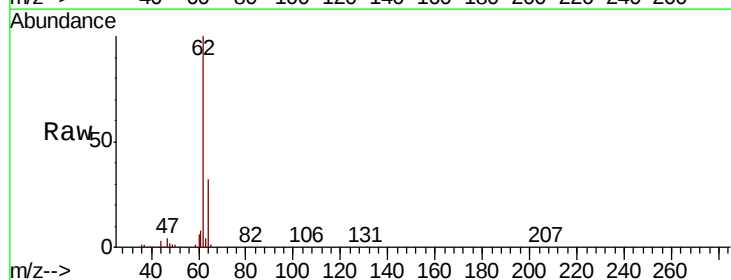
Acq: 21 Nov 2019 12:40

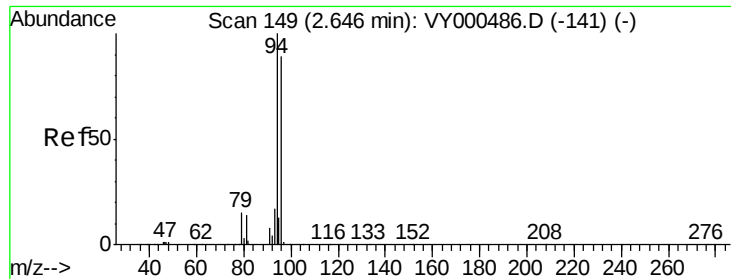
Tgt Ion: 62 Resp: 191607

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 45.508 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 118995

Ion Ratio Lower Upper

94 100

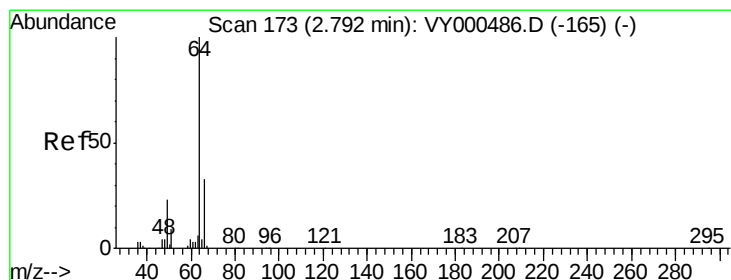
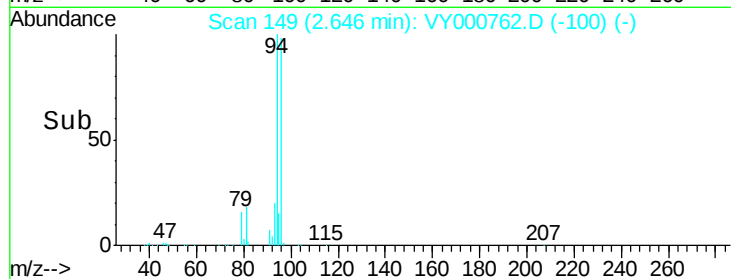
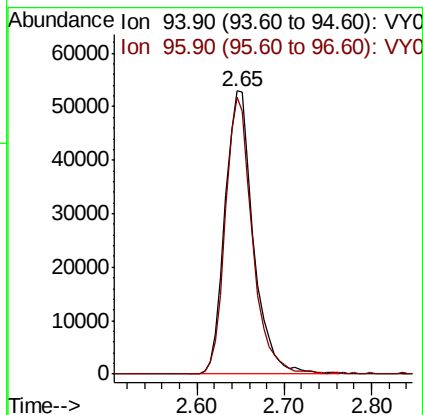
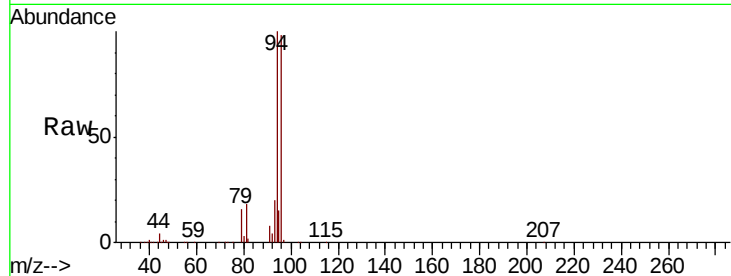
96 97.9 71.2 106.8

Manual Integrations

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#6

Chloroethane

Concen: 44.300 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000762.D

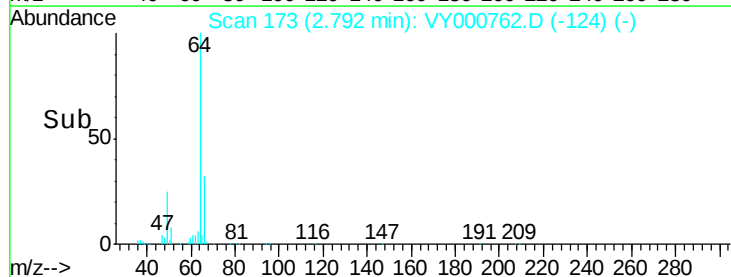
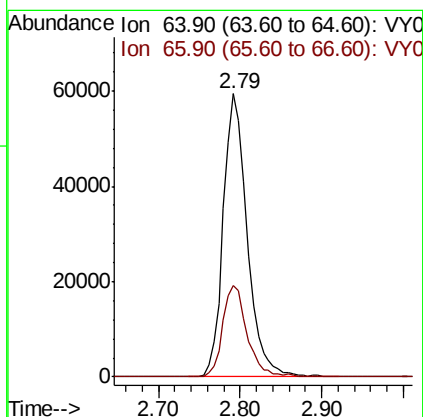
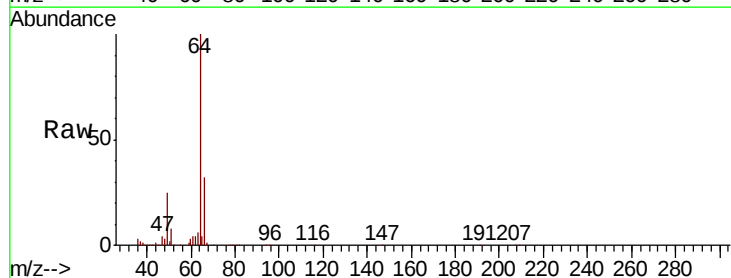
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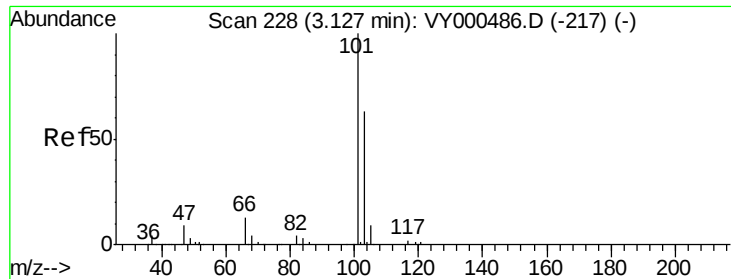
Tgt Ion: 64 Resp: 120897

Ion Ratio Lower Upper

64 100

66 32.3 26.6 40.0





#7

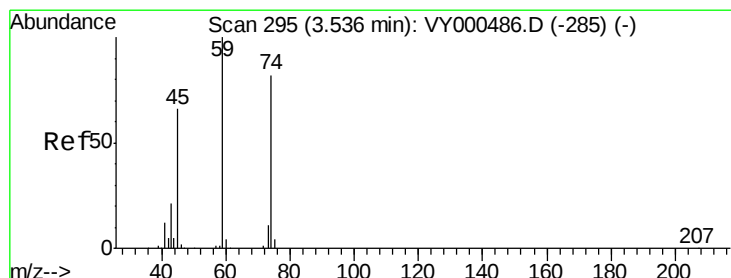
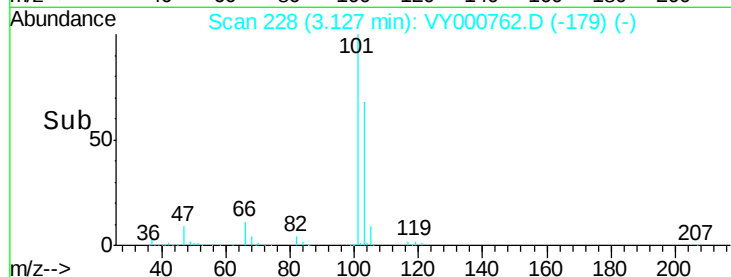
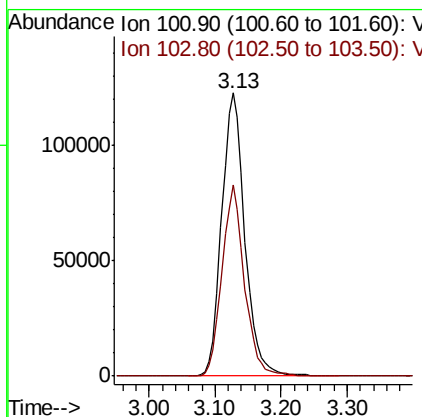
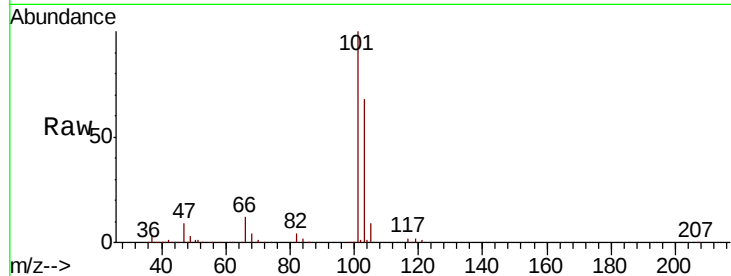
Trichlorofluoromethane
Concen: 50.362 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	296570		
103	67.6	50.5	75.7	

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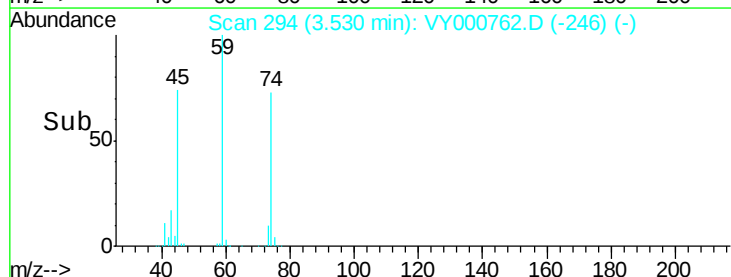
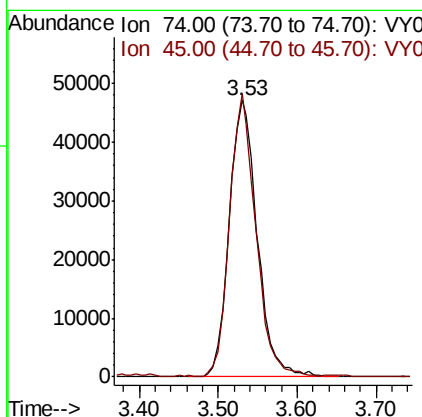
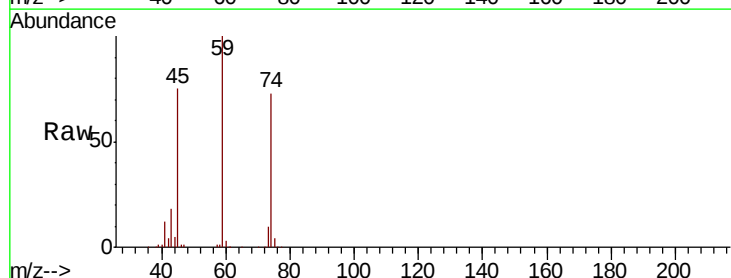
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#8

Diethyl Ether
Concen: 55.516 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000762.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	116163		
45	96.0	45.5	136.4	





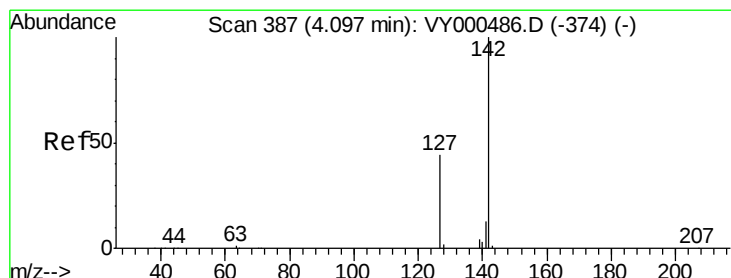
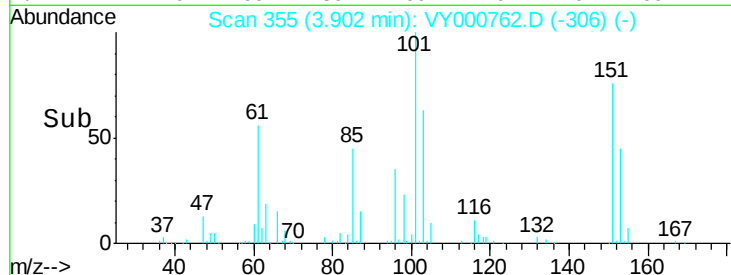
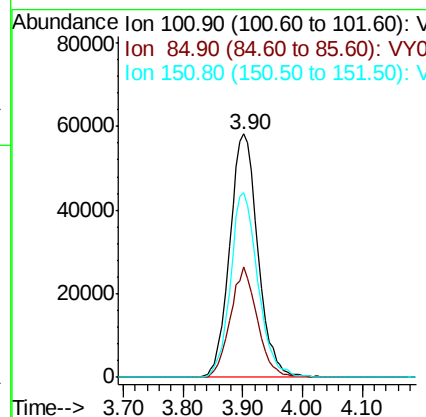
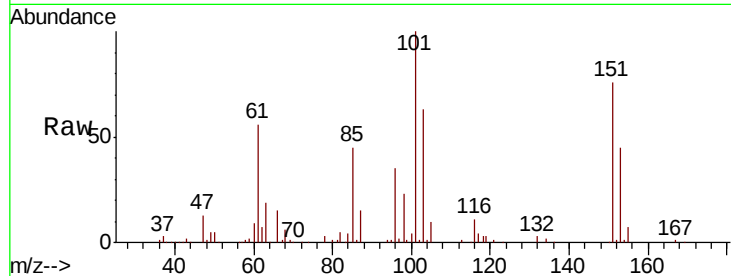
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.740 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	191321		
85	43.3	36.7	55.1	
151	74.0	64.3	96.5	

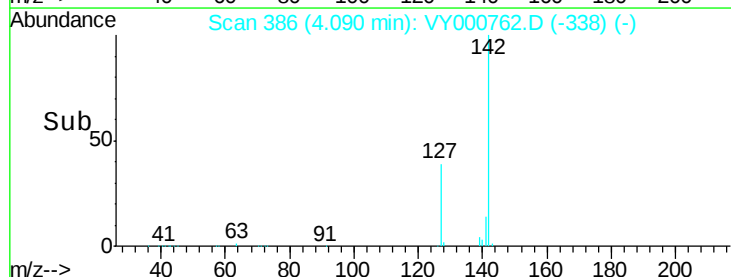
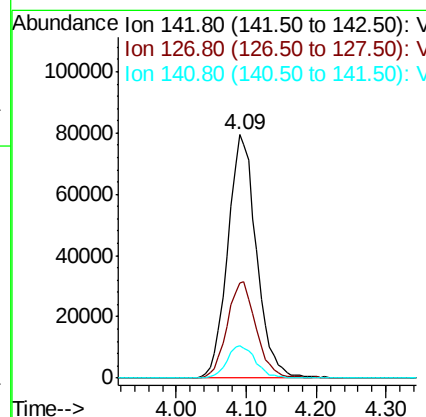
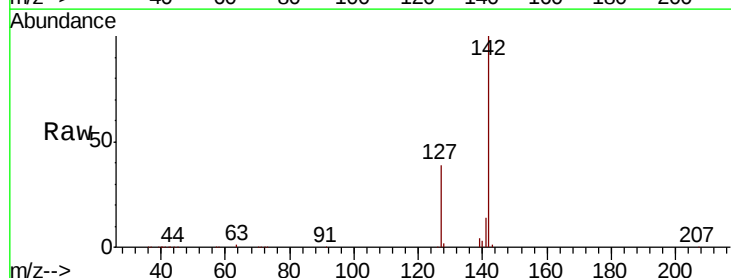
Manual Integrations
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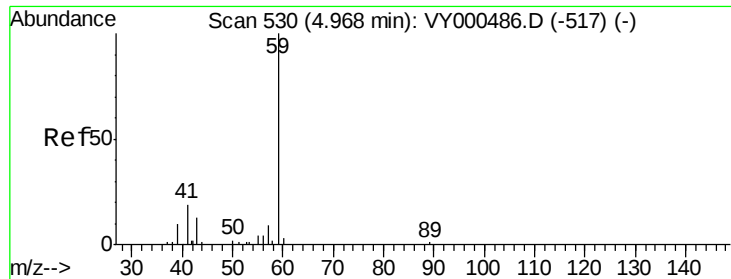
MMDadoda
 11/23/2019 6:11:07 AM



#10
 Methyl Iodide
 Concen: 48.384 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	226212		
127	39.9	33.7	50.5	
141	13.5	10.9	16.3	





#11

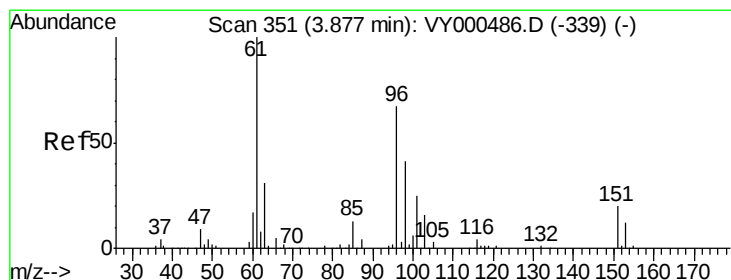
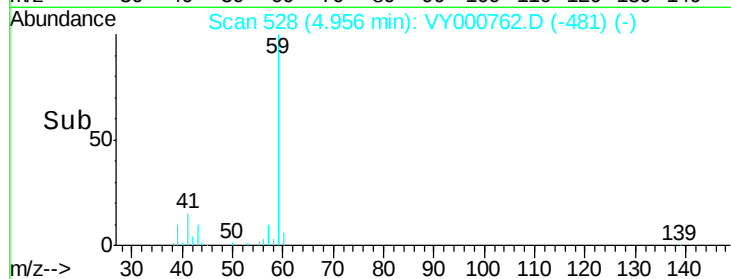
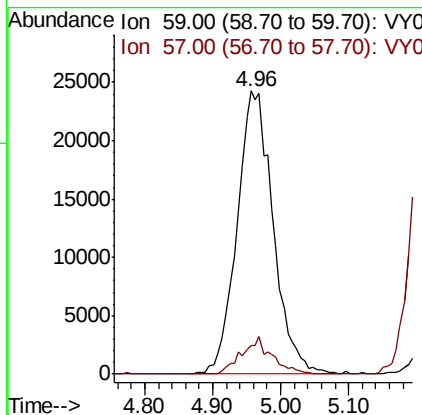
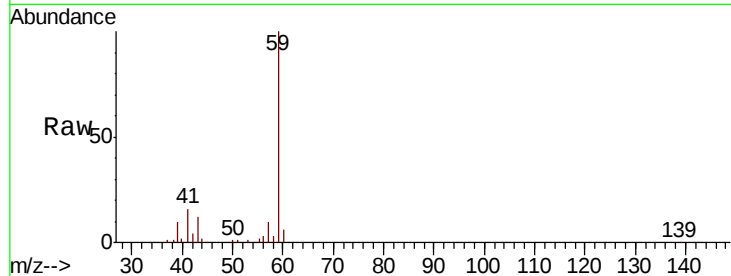
Tert butyl alcohol
 Concen: 256.068 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	89323
Ion Ratio	100	Lower	Upper
57	11.0	8.6	12.8

Manual Integrations
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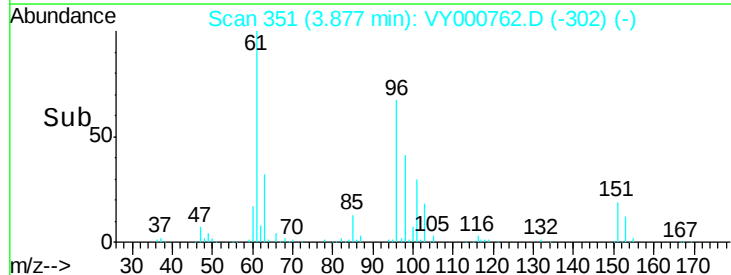
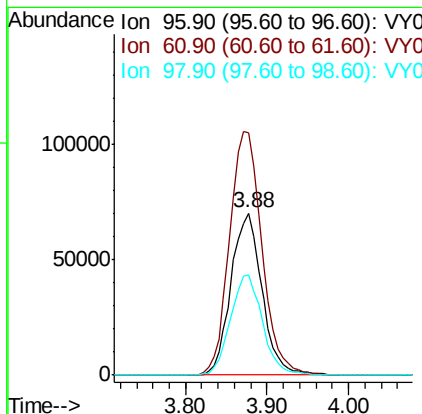
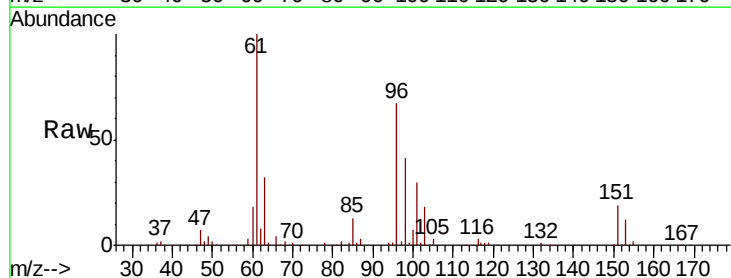
MMDadoda
 11/23/2019 6:11:07 AM

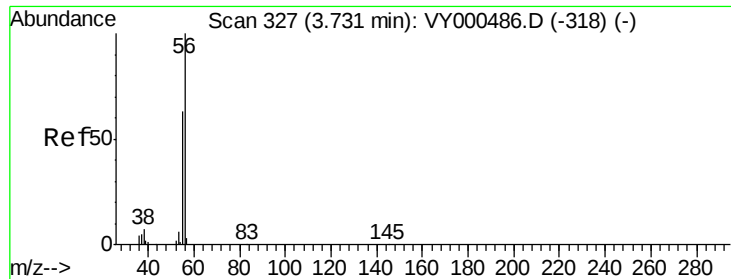


#12

1,1-Dichloroethene
 Concen: 53.487 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	96	Resp	185004
Ion Ratio	100	Lower	Upper
61	149.8	119.2	178.8
98	61.6	48.6	73.0





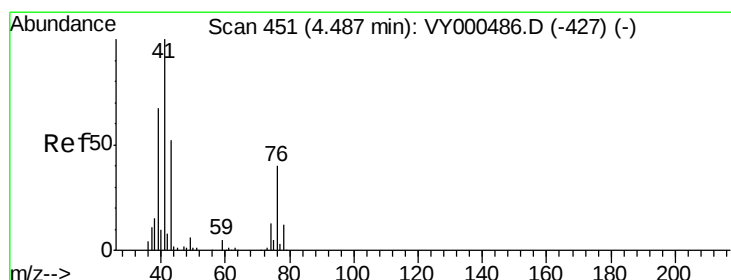
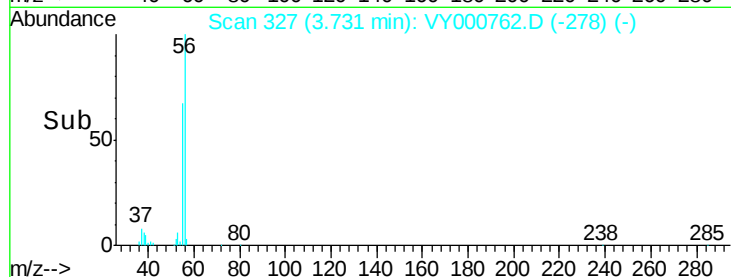
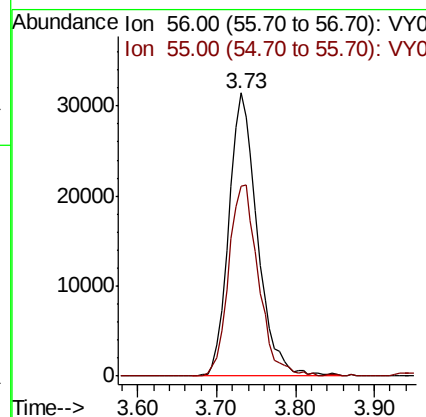
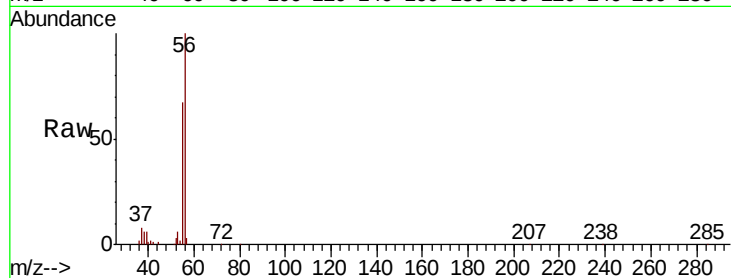
#13
Acrolein
Concen: 260.530 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	79161
Ion Ratio	100	Lower	Upper
55	70.5	57.0	85.6

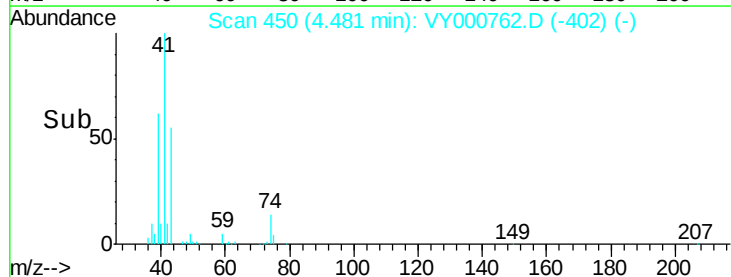
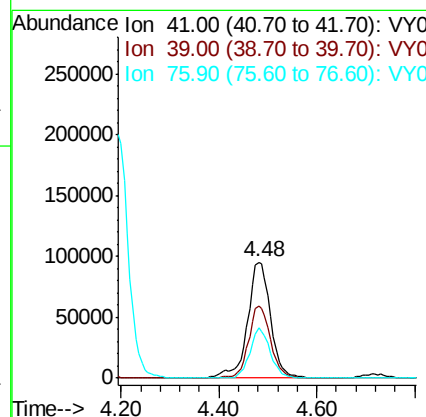
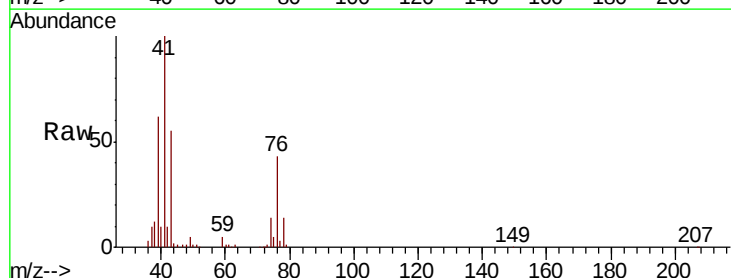
Manual Integrations
APPROVED

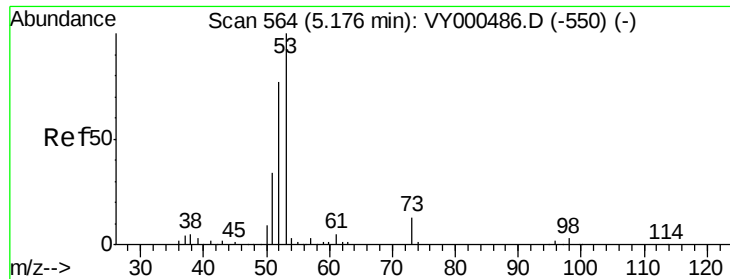
MMDadoda
11/23/2019 6:11:07 AM



#14
Allyl chloride
Concen: 55.285 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	41	Resp	310939
Ion Ratio	100	Lower	Upper
39	59.3	53.6	80.4
76	37.9	29.8	44.6





#15

Acrylonitrile

Concen: 280.791 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

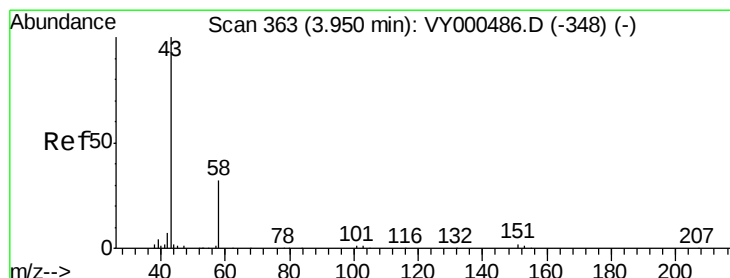
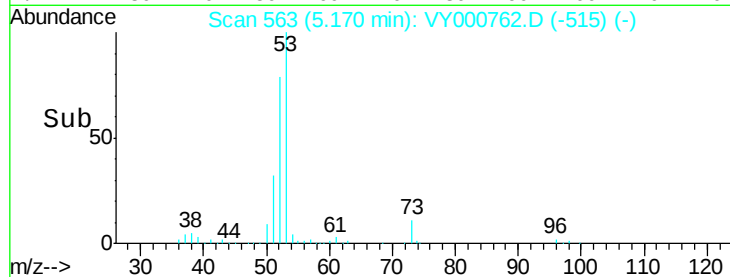
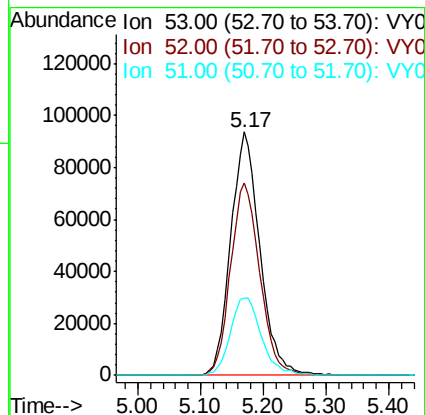
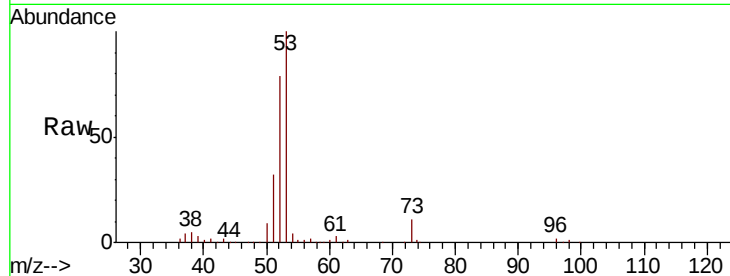
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	300972
Ion	Ratio	Lower	Upper
53	100		
52	79.3	64.9	97.3
51	34.2	27.6	41.4

Manual Integrations
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11/23/2019 6:11:07 AM



#16

Acetone

Concen: 273.561 ug/l

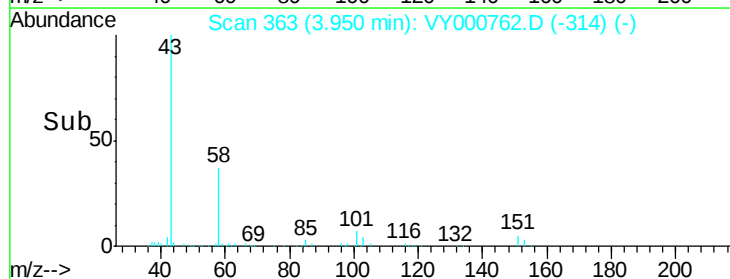
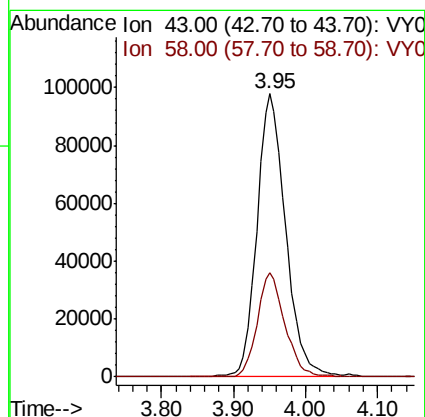
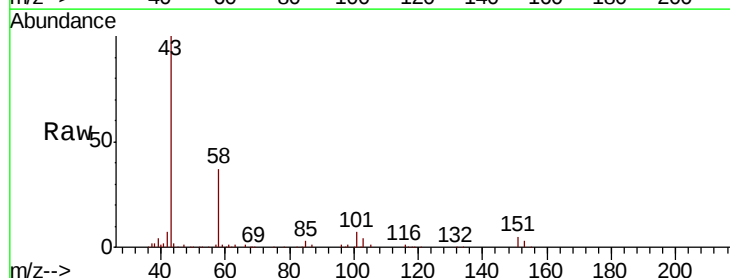
RT: 3.95 min Scan# 363

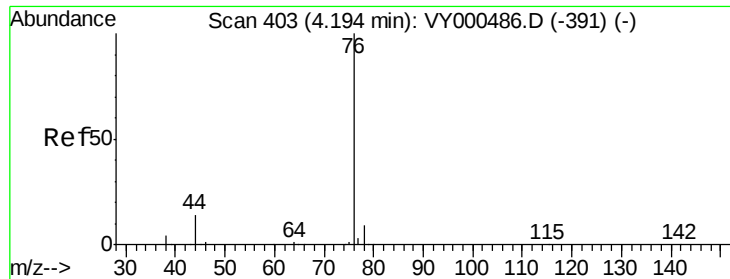
Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion:	43	Resp:	270179
Ion	Ratio	Lower	Upper
43	100		
58	37.0	25.8	38.6





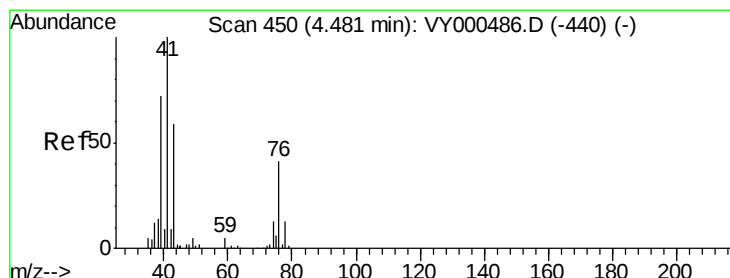
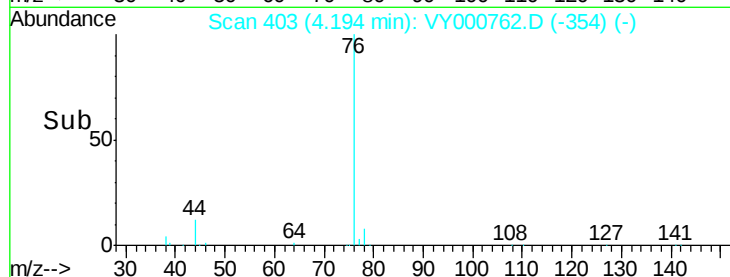
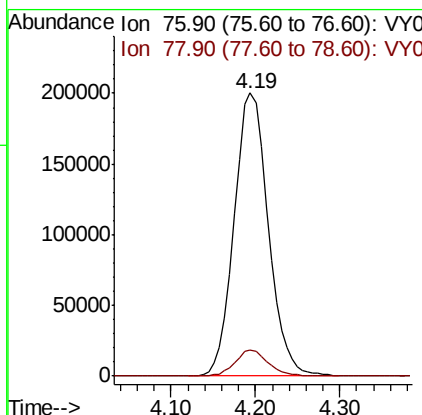
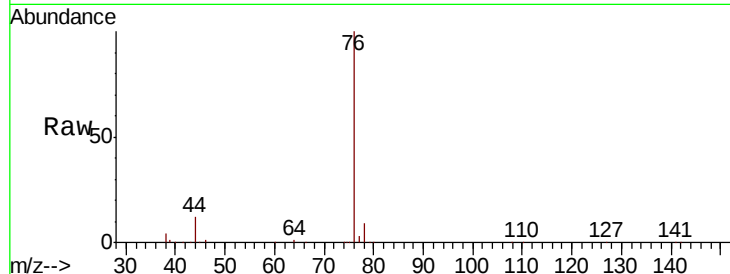
#17
Carbon Disulfide
Concen: 50.377 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

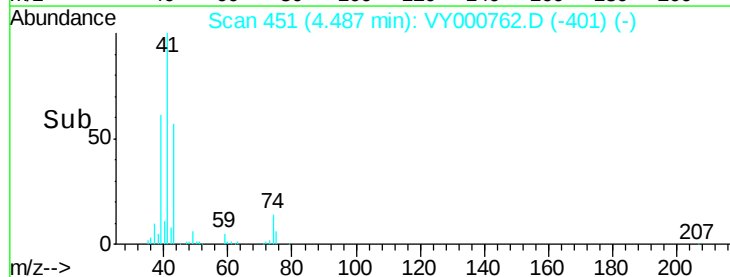
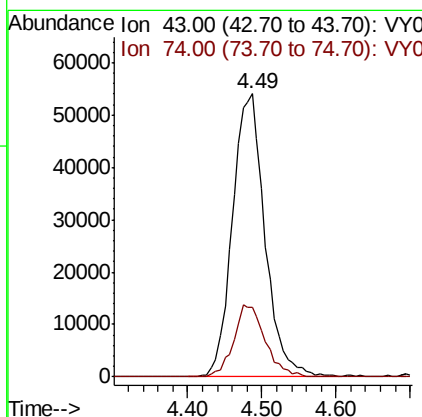
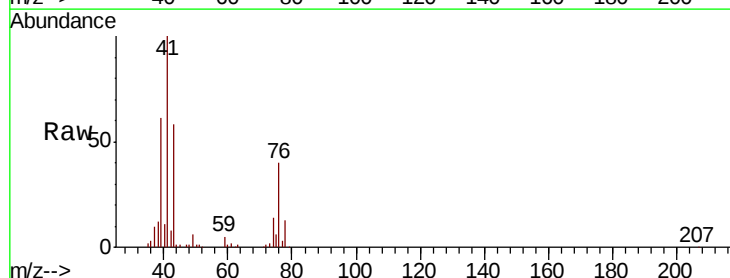
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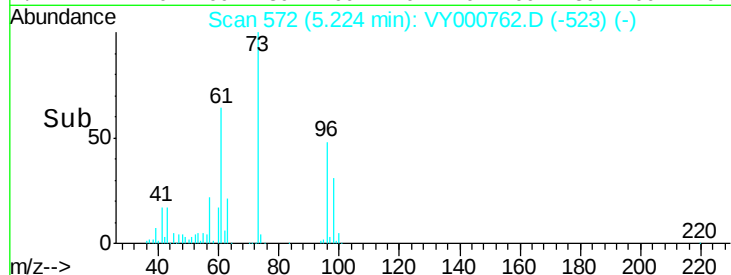
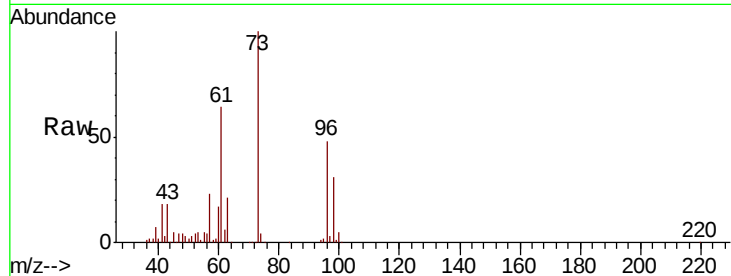
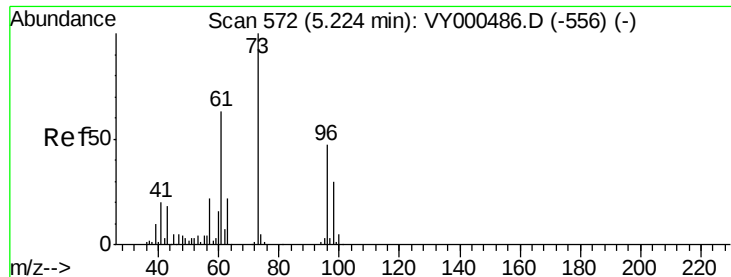
MMDadoda
11/23/2019 6:11:07 AM



#18
Methyl Acetate
Concen: 53.665 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.2	28.8





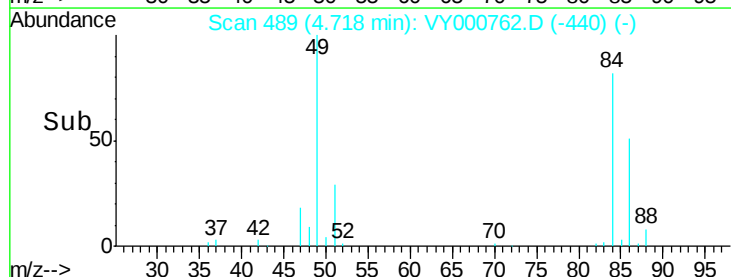
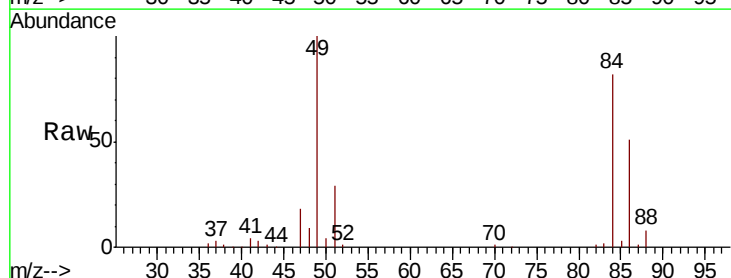
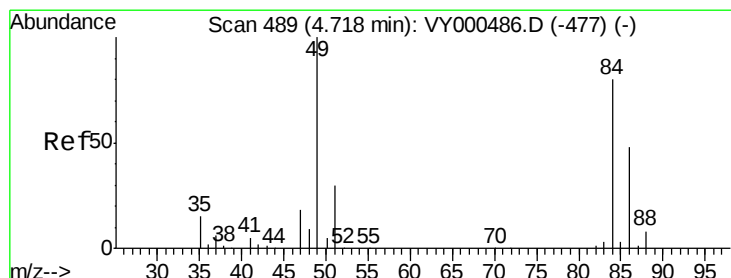
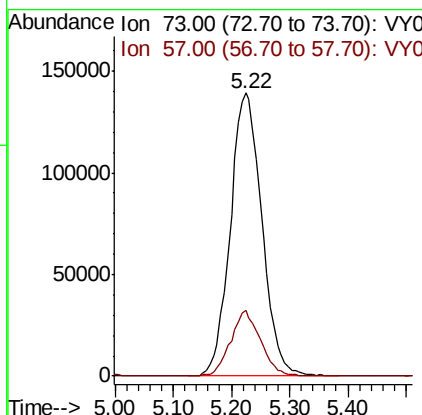
#19
Methvl tert-butvl Ether
Concen: 54.411 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tot Ion: 73 Resp: 523270
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

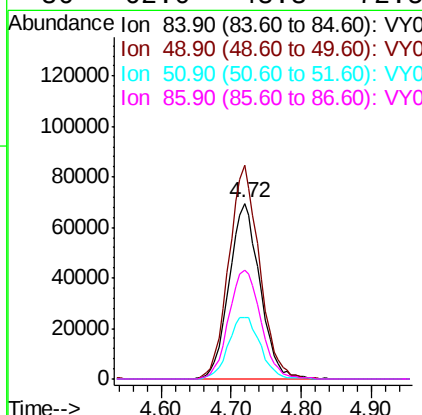
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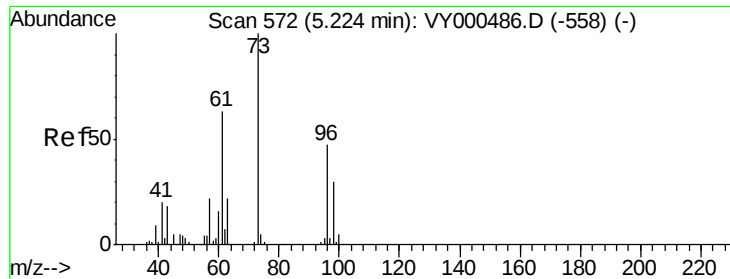
MMDadoda
11/23/2019 6:11:07 AM



#20
Methylene Chloride
Concen: 50.383 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 84 Resp: 213218
Ion Ratio Lower Upper
84 100
49 121.5 100.2 150.4
51 35.1 29.6 44.4
86 62.0 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 53.140 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 207795

Ion Ratio Lower Upper

96 100

61 135.5 106.6 160.0

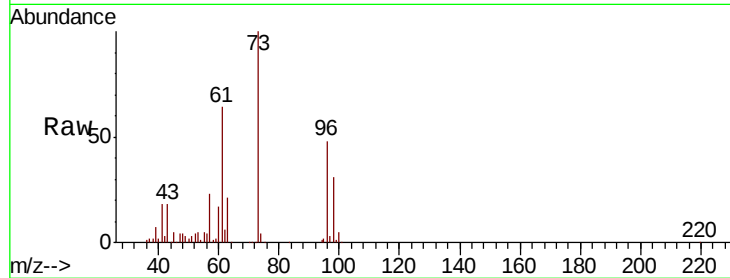
98 66.1 50.6 76.0

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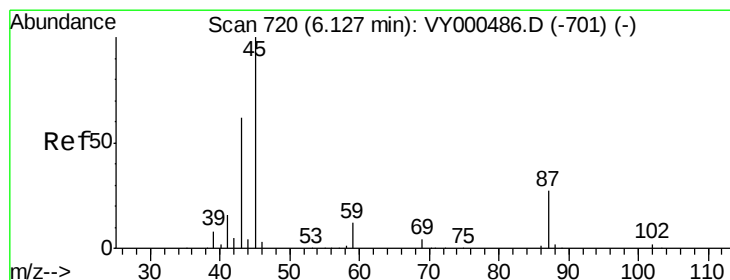
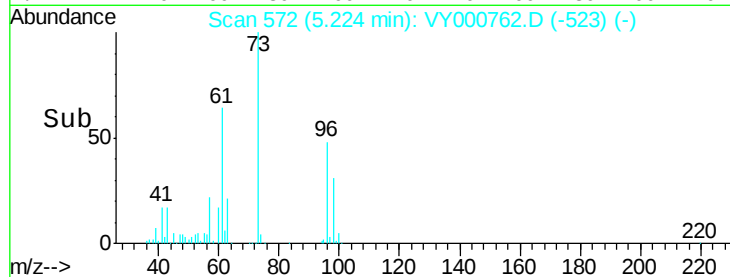
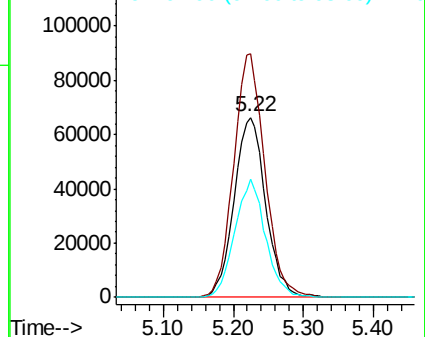


Abundance

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



#22

Diisopropyl ether

Concen: 52.516 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion: 45 Resp: 641986

Ion Ratio Lower Upper

45 100

43 53.5 50.0 75.0

87 27.6 21.6 32.4

59 13.1 9.5 14.3

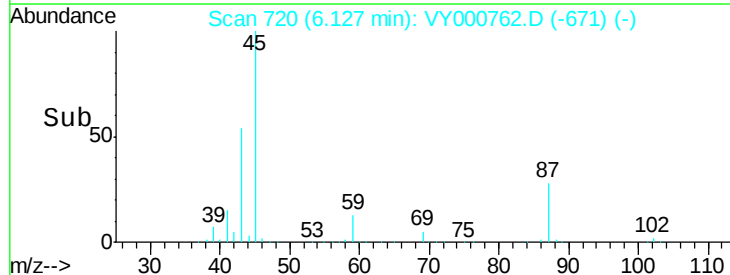
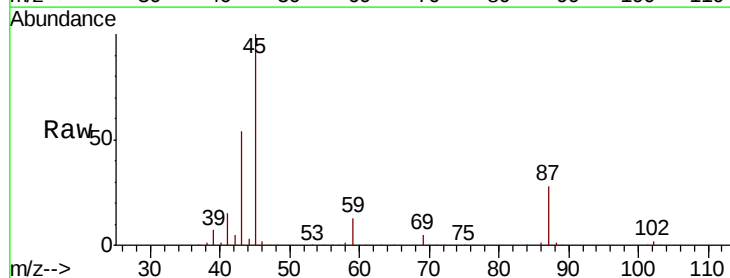
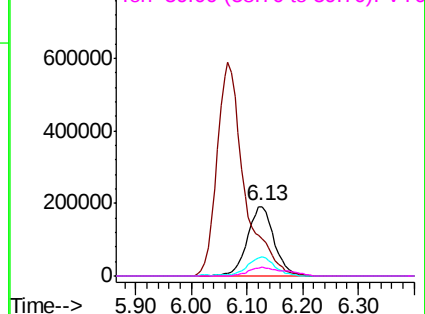
Abundance

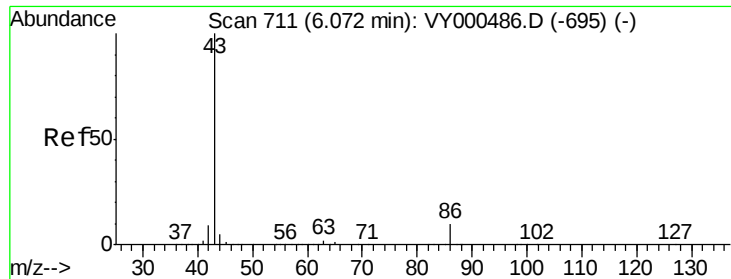
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 258.155 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1992146

Ion Ratio Lower Upper

43 100

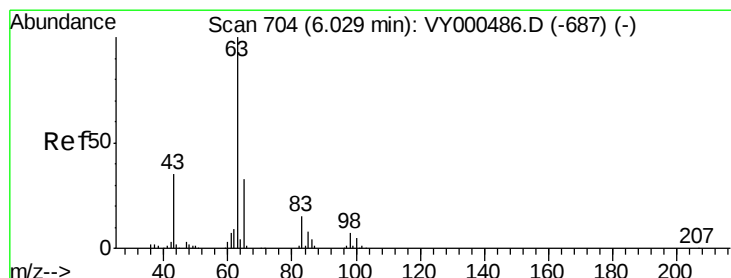
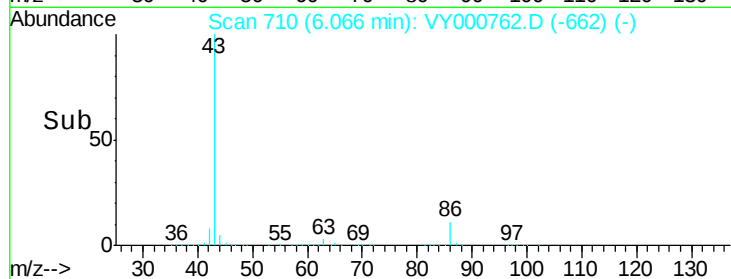
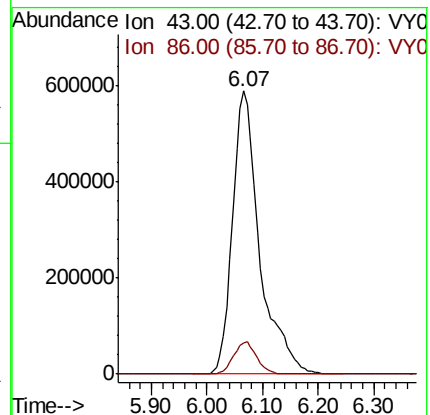
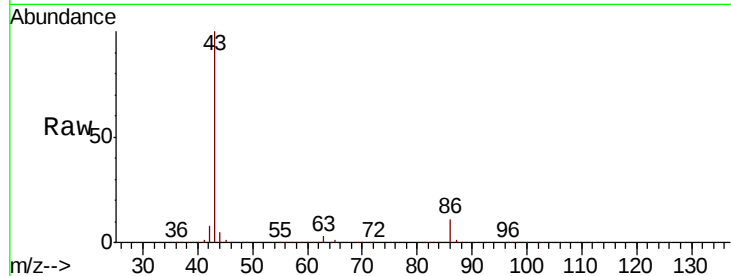
86 11.0 7.8 11.6

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 54.807 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

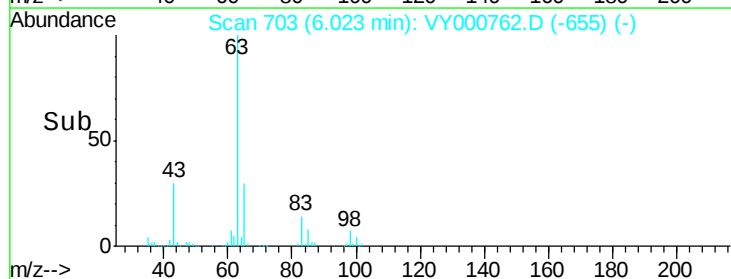
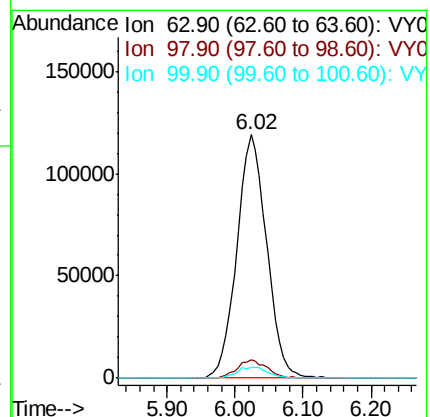
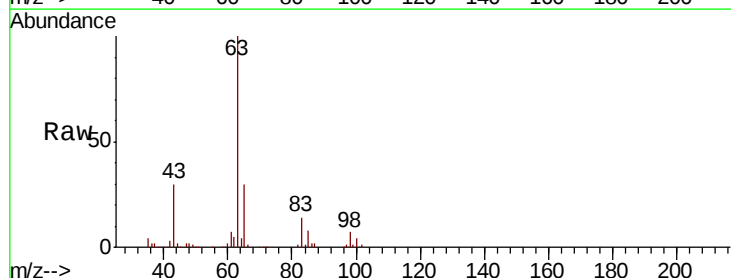
Tgt Ion: 63 Resp: 362968

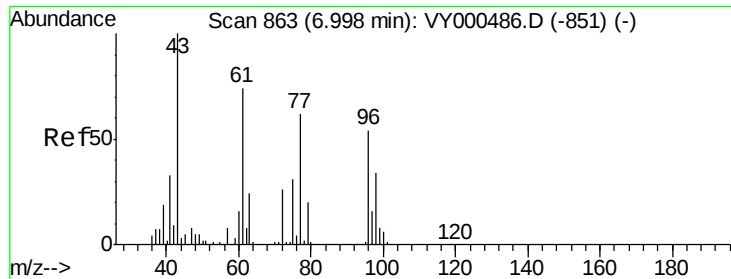
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 260.266 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 410233

Ion Ratio Lower Upper

43 100

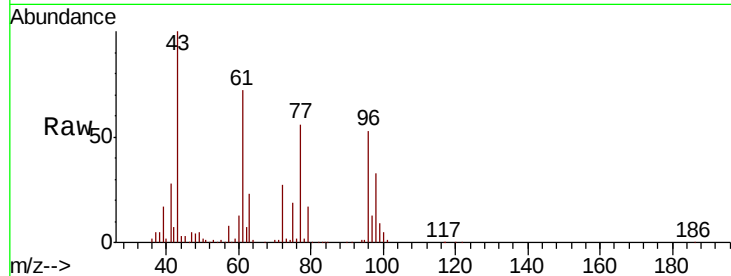
72 26.9 20.9 31.3

Manual Integrations

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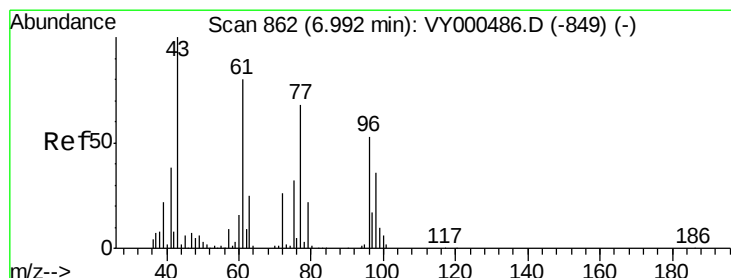
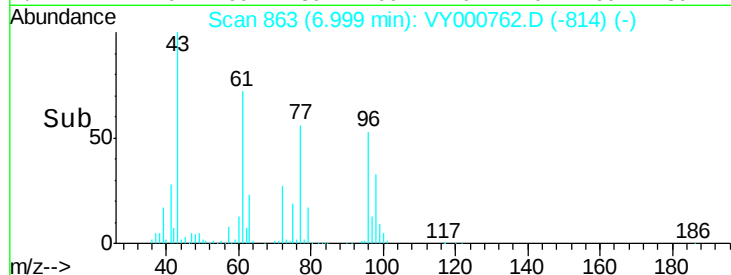
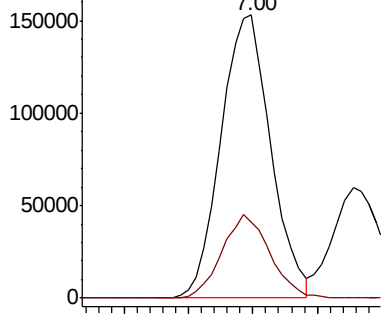
MMDadoda

11/23/2019 6:11:07 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 51.080 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000762.D

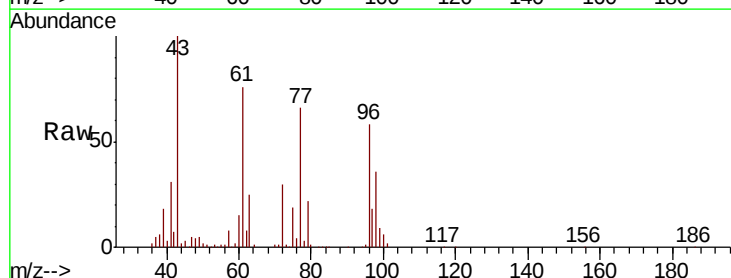
Acq: 21 Nov 2019 12:40

Tgt Ion: 77 Resp: 309148

Ion Ratio Lower Upper

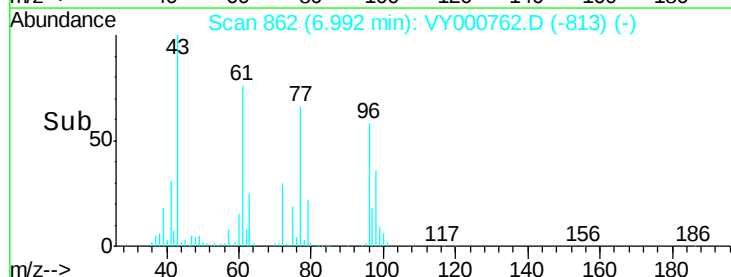
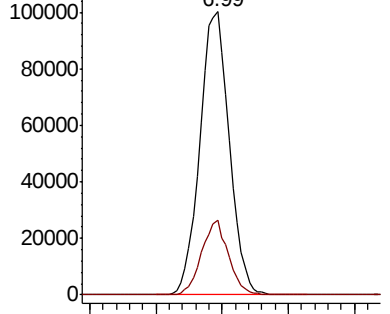
77 100

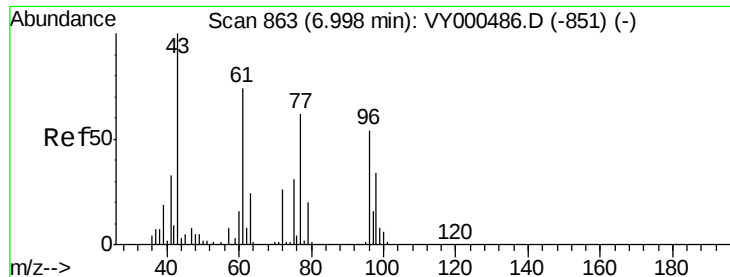
97 24.0 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

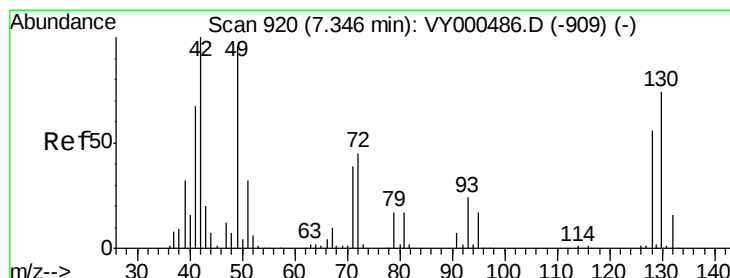
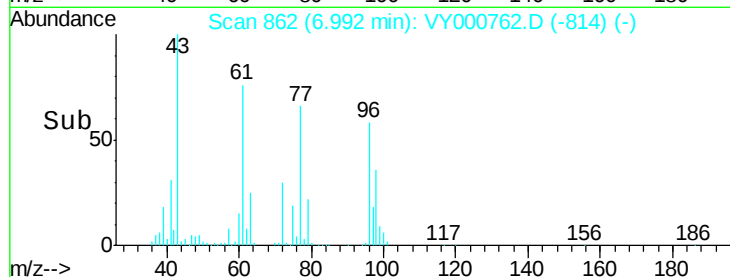
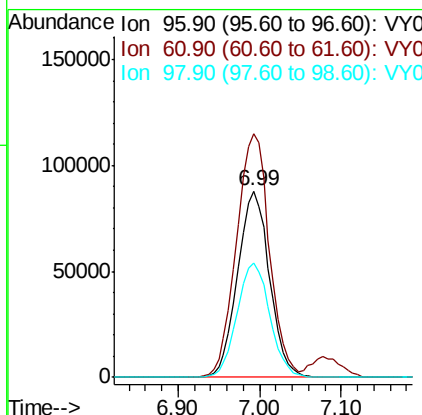
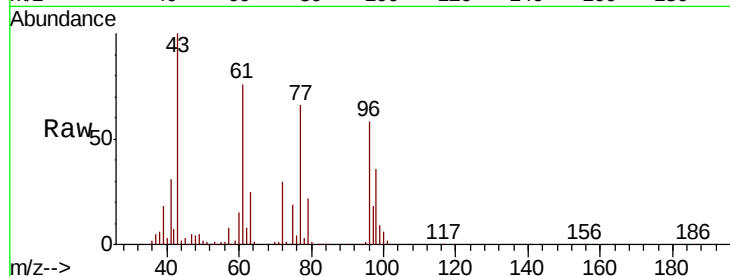
cis-1,2-Dichloroethene
Concen: 55.799 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	238585		
61	135.2	0.0	287.0	
98	63.0	0.0	129.4	

Manual Integrations
APPROVED

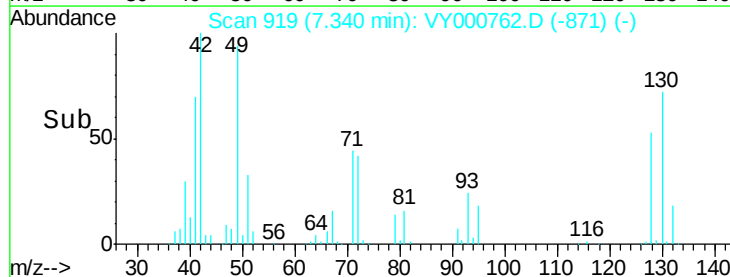
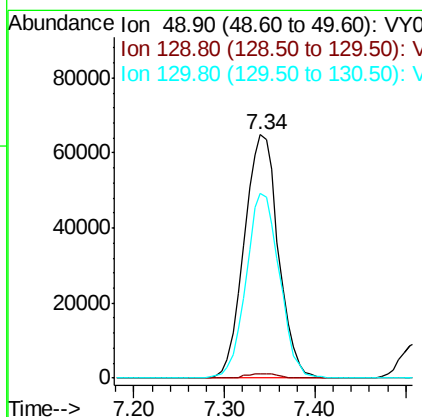
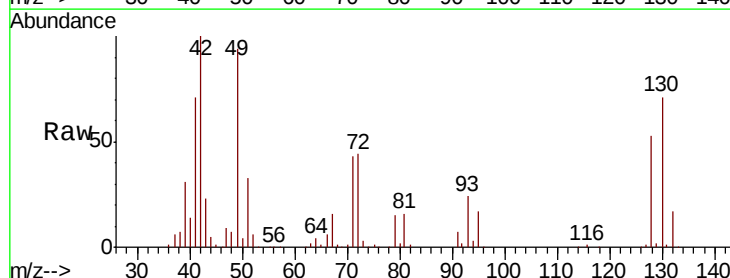
MMDadoda
11/23/2019 6:11:07 AM

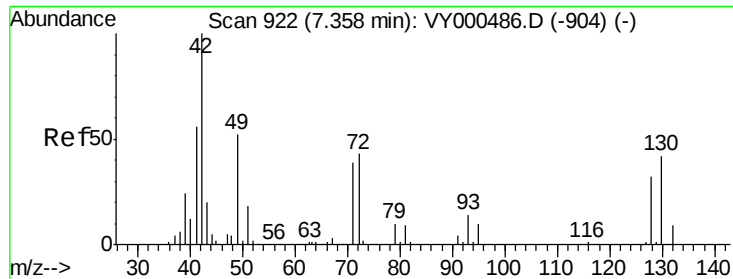


#28

Bromochloromethane
Concen: 55.426 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	168866		
129	1.9	0.0	3.6	
130	74.3	59.4	89.0	





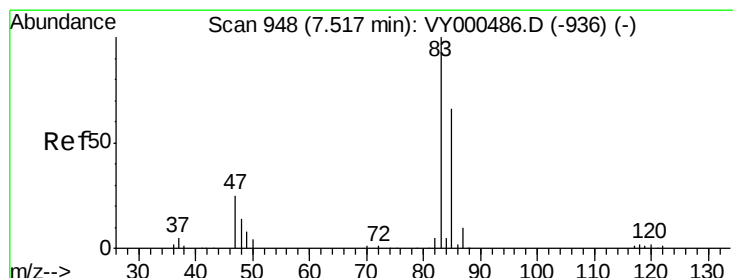
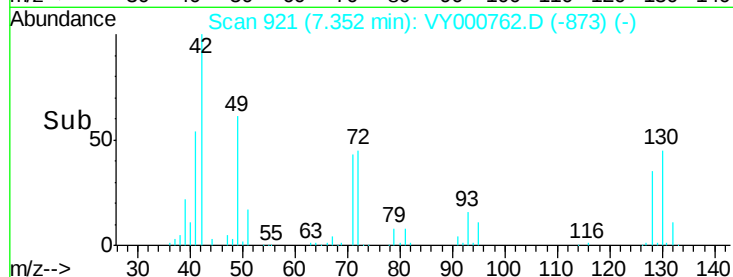
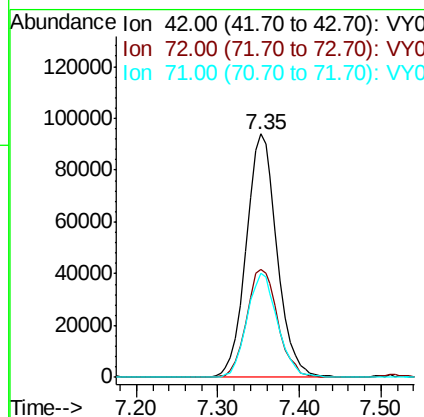
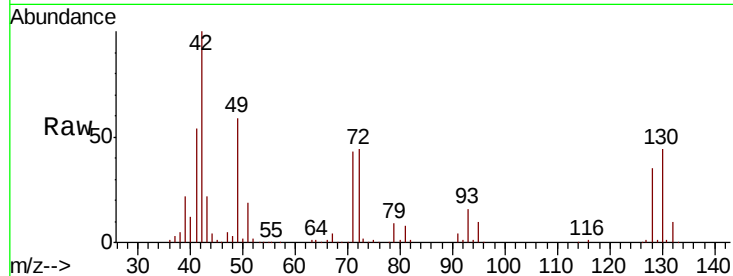
#29
Tetrahydrofuran
Concen: 256.095 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	34.0	51.0
71	42.6	30.8	46.2

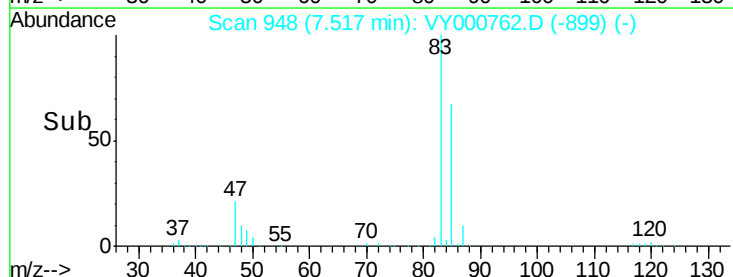
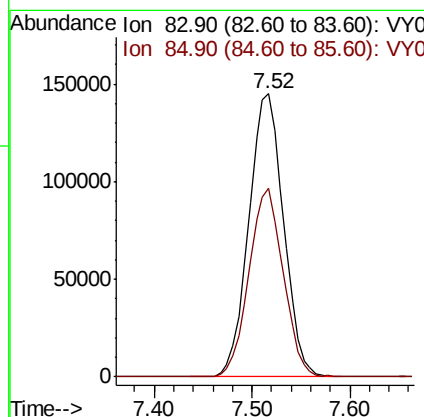
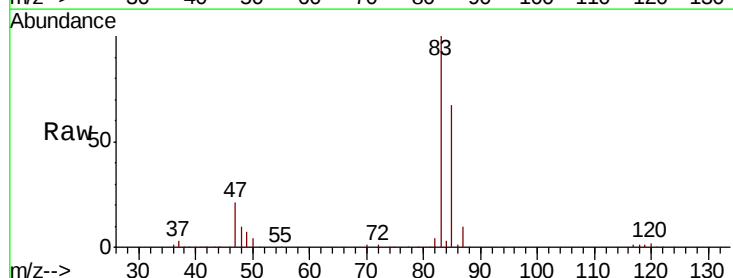
Manual Integrations
APPROVED

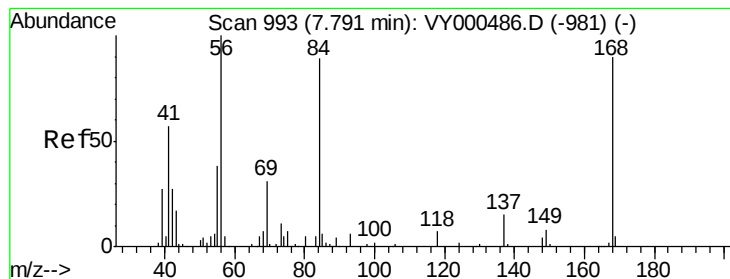
MMDadoda
11/23/2019 6:11:07 AM



#30
Chloroform
Concen: 53.320 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.0	79.4





#31

Cyclohexane

Concen: 51.203 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 355167

Ion Ratio Lower Upper

56 100

69 32.0 25.0 37.6

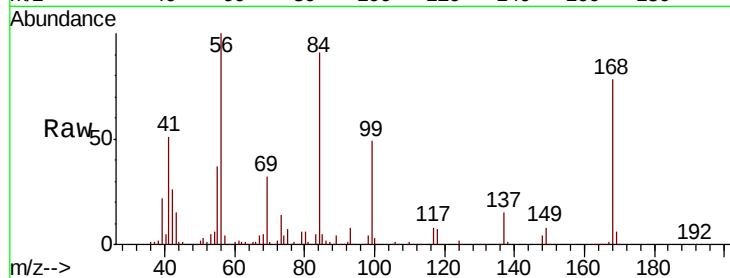
84 89.8 71.4 107.2

Manual Integrations

APPROVED

MMDadoda

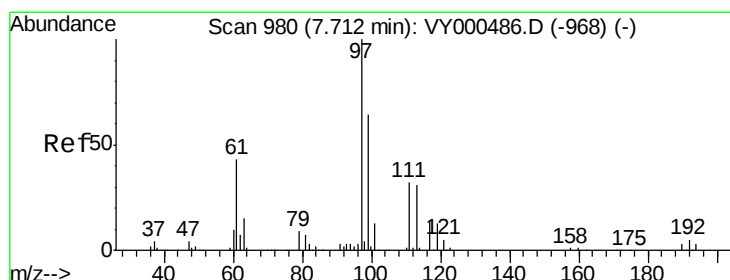
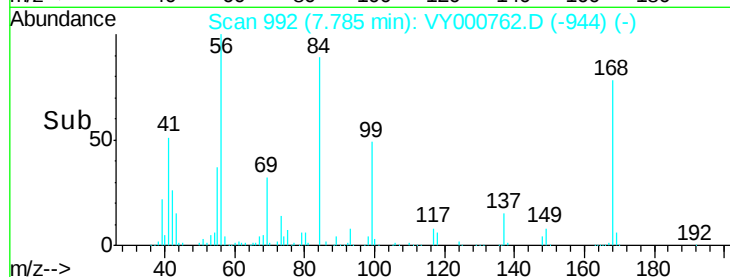
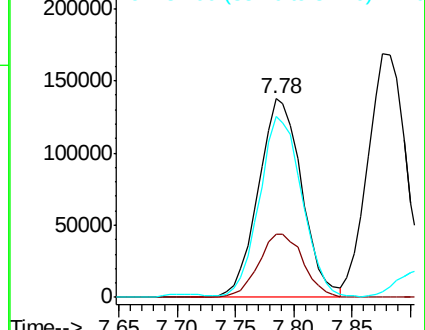
11/23/2019 6:11:07 AM



Abundance Ion 56.00 (55.70 to 56.70): VY000762.D (-944) (-)

Ion 69.00 (68.70 to 69.70): VY000762.D (-944) (-)

Ion 84.00 (83.70 to 84.70): VY000762.D (-944) (-)



#32

1,1,1-Trichloroethane

Concen: 50.866 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

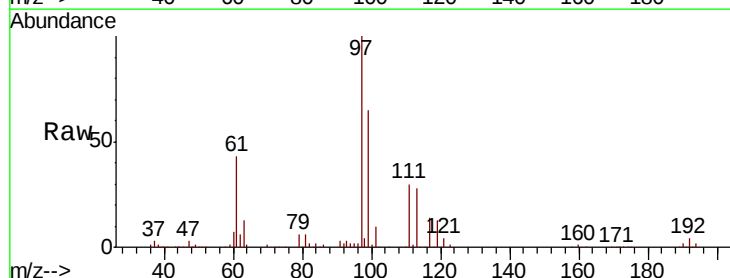
Tgt Ion: 97 Resp: 303711

Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

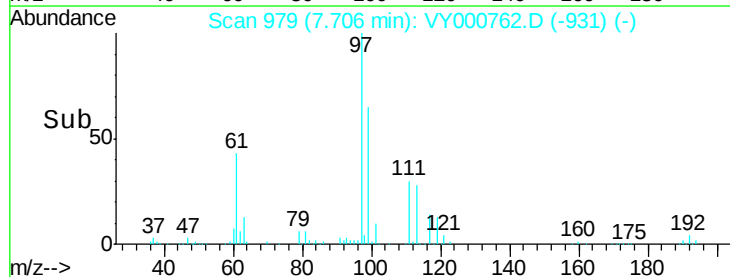
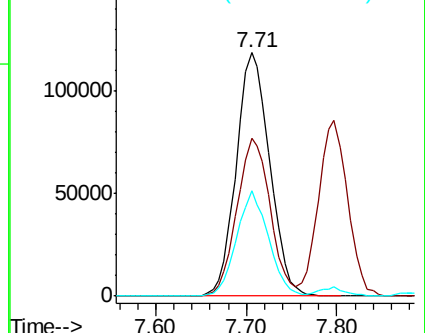
61 41.5 34.9 52.3

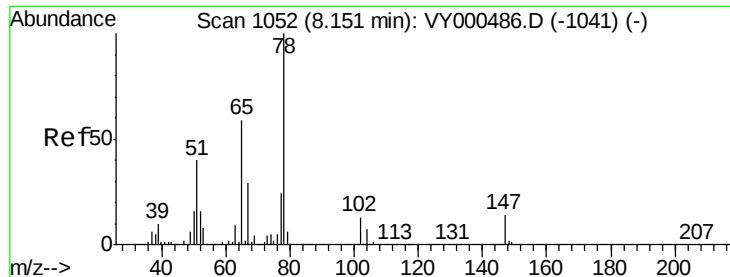


Abundance Ion 96.90 (96.60 to 97.60): VY000762.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY000762.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY000762.D (-931) (-)





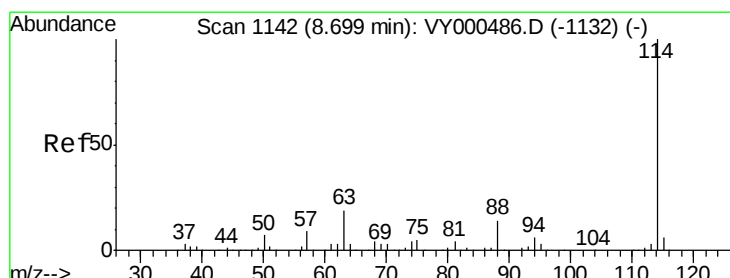
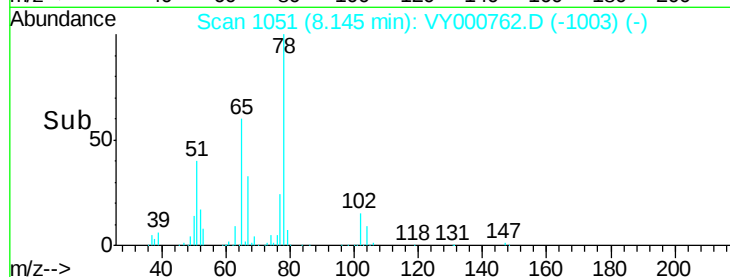
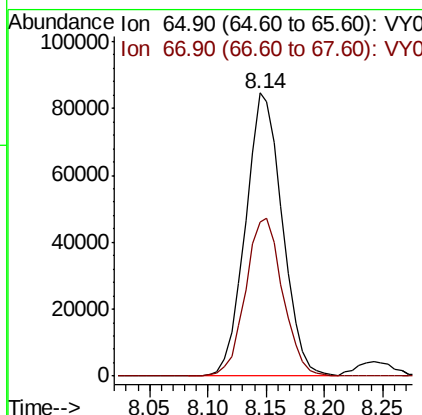
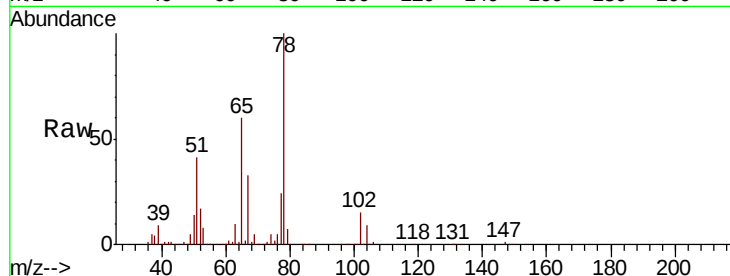
#33
 1,2-Dichloroethane-d4
 Concen: 51.807 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185647		
67	56.2	0.0	107.2	

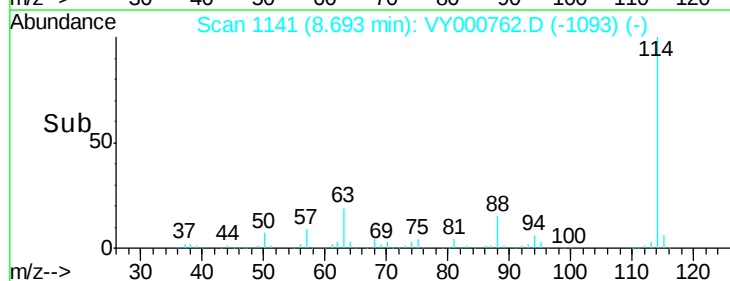
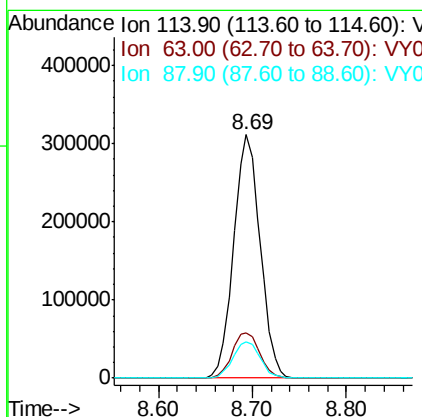
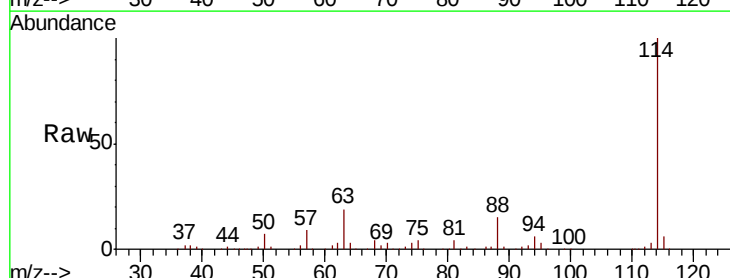
Manual Integrations
 APPROVED

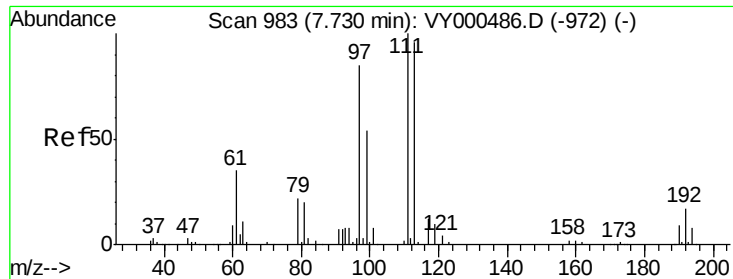
MMDadoda
 11/23/2019 6:11:07 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	604829		
63	18.7	0.0	38.0	
88	15.1	0.0	28.6	





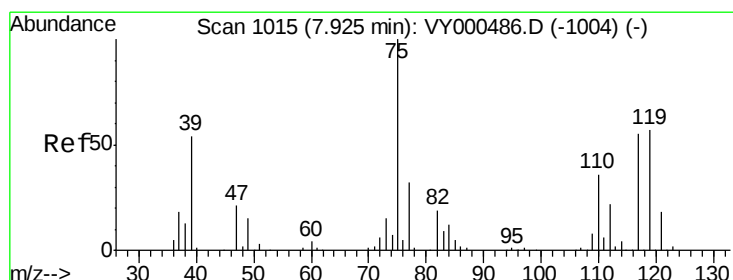
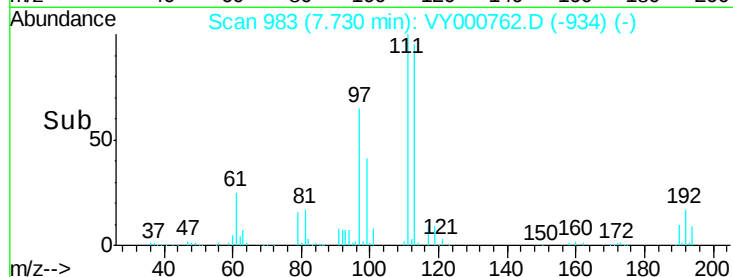
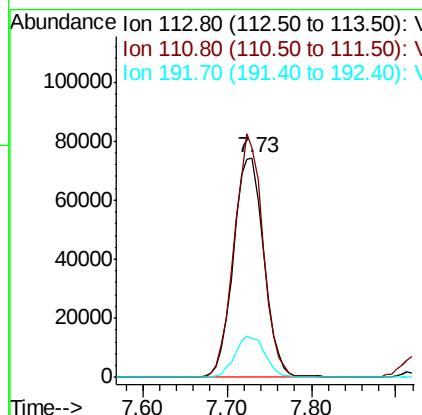
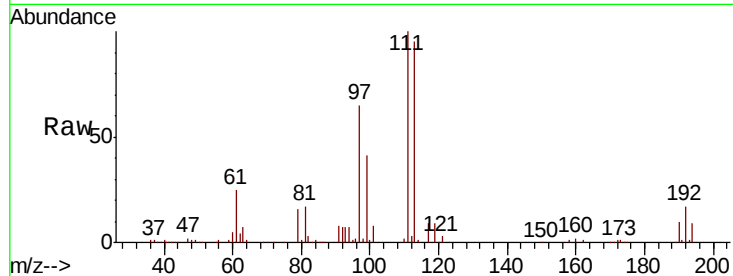
#35
Dibromofluoromethane
Concen: 51.194 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.7	122.5
192	18.4	15.0	22.4

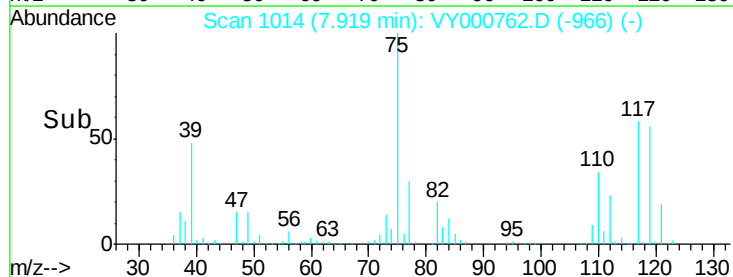
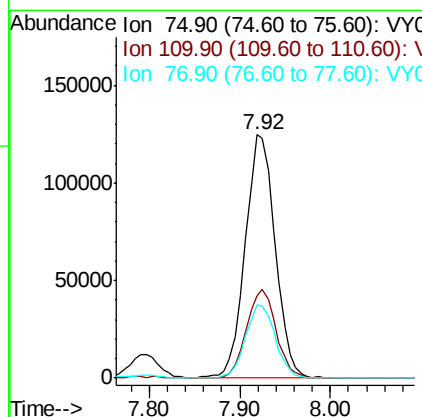
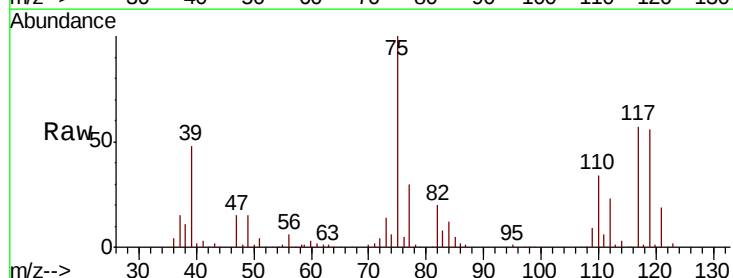
Manual Integrations
APPROVED

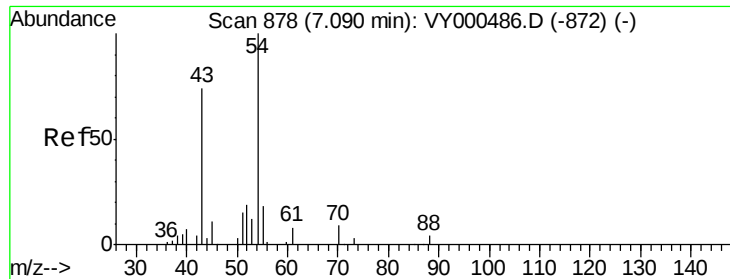
MMDadoda
11/23/2019 6:11:07 AM



#36
1,1-Dichloropropene
Concen: 49.792 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.1	54.1
77	30.2	25.0	37.6





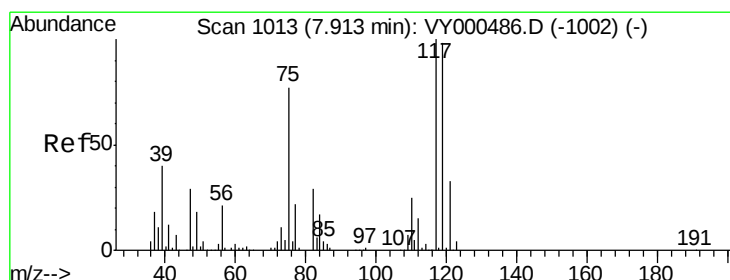
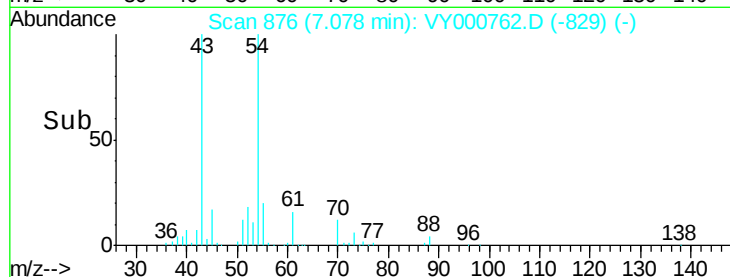
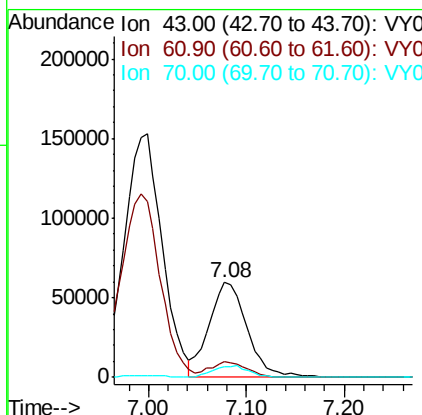
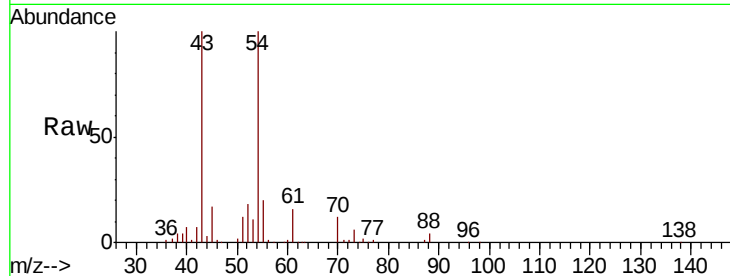
#37
Ethyl Acetate
Concen: 47.349 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	160733
Ion Ratio	100	Lower	Upper
43	100		
61	16.0	10.2	15.2#
70	11.5	7.8	11.8

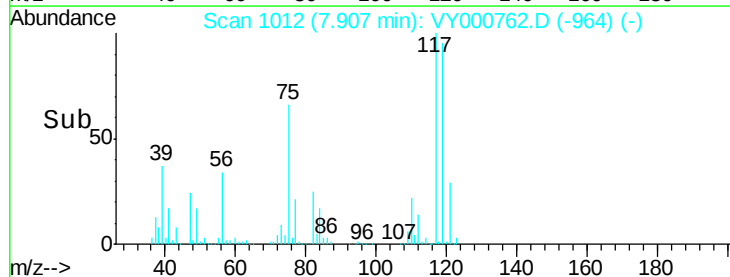
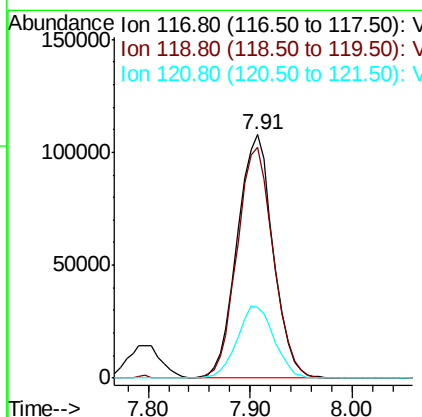
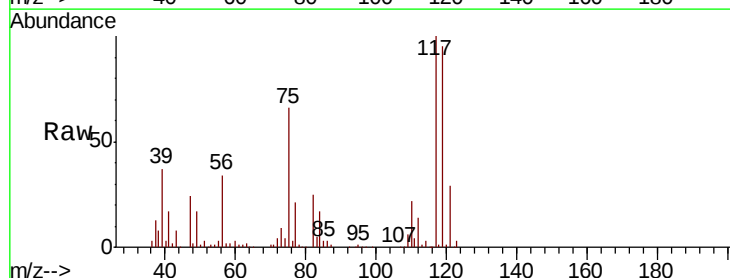
Manual Integrations
APPROVED

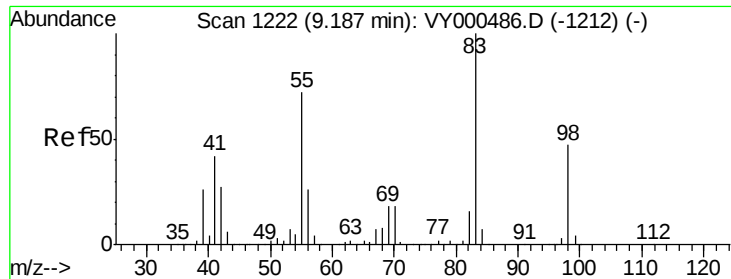
MMDadoda
11/23/2019 6:11:07 AM



#38
Carbon Tetrachloride
Concen: 47.839 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	117	Resp	263197
Ion Ratio	100	Lower	Upper
117	100		
119	94.8	78.0	117.0
121	29.2	26.6	40.0





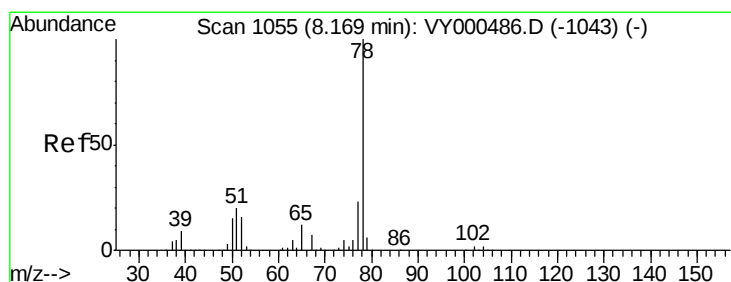
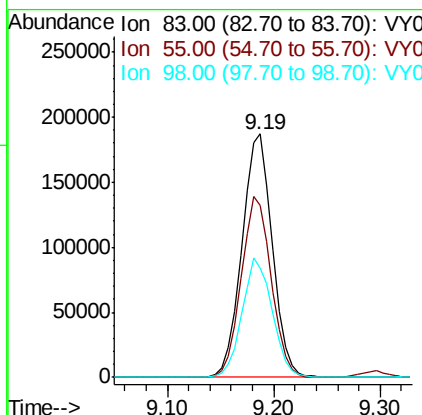
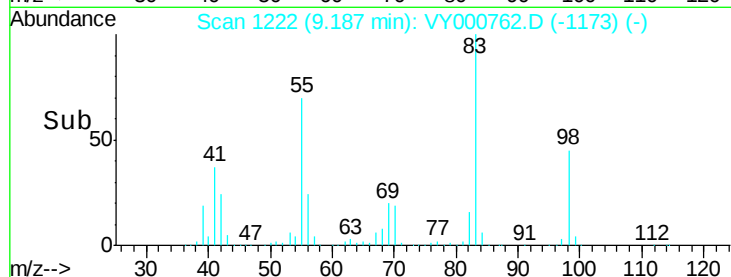
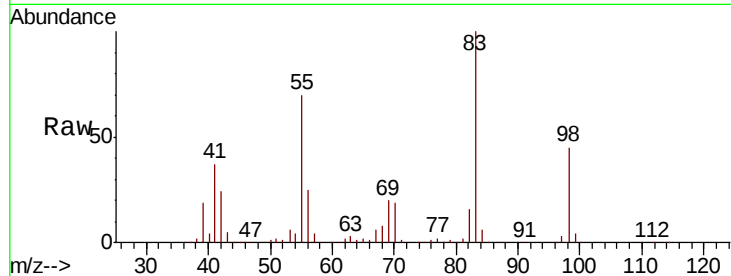
#39
Methvlcvclohexane
Concen: 50.643 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.4	57.5	86.3
98	45.0	38.0	57.0

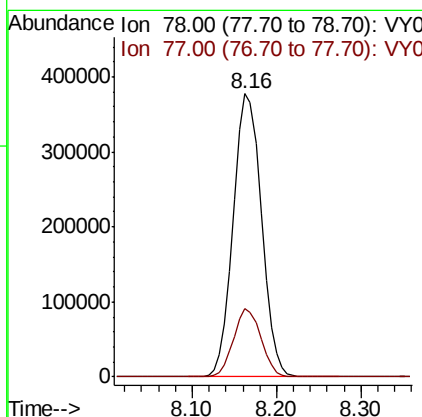
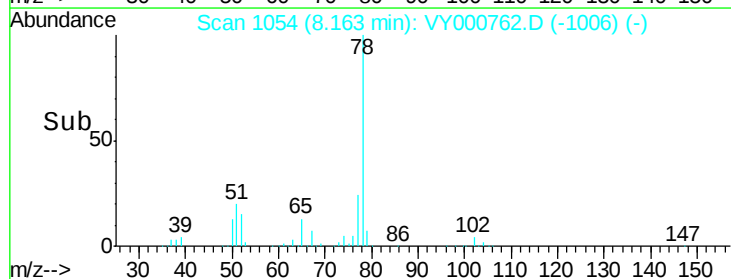
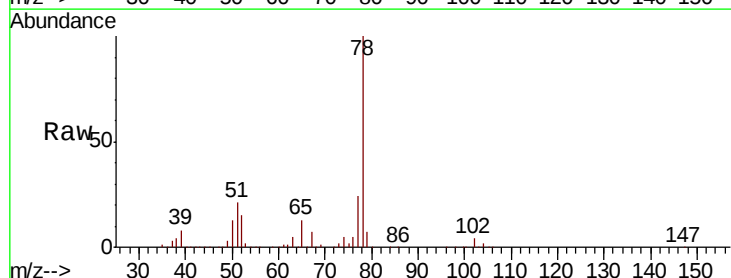
Manual Integrations
APPROVED

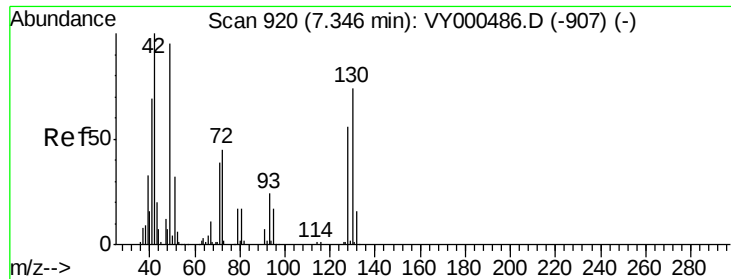
MMDadoda
11/23/2019 6:11:07 AM



#40
Benzene
Concen: 51.062 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





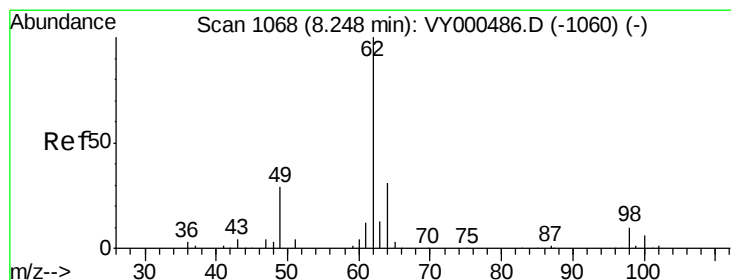
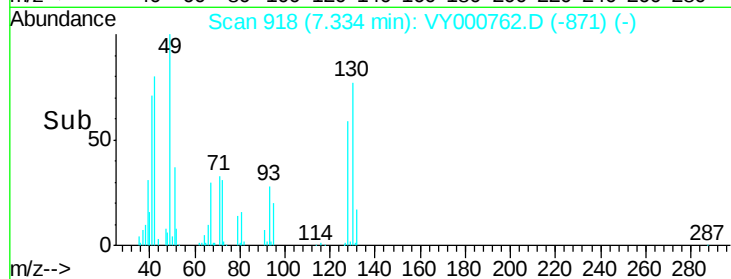
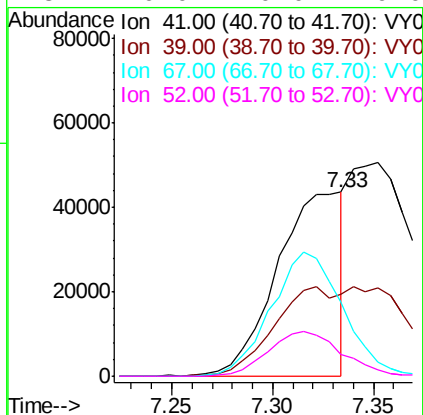
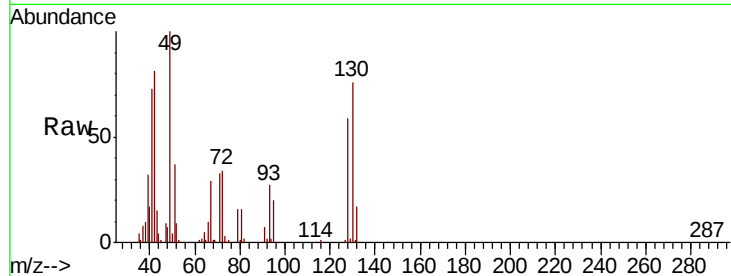
#41
Methacrylonitrile
Concen: 52.641 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot 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

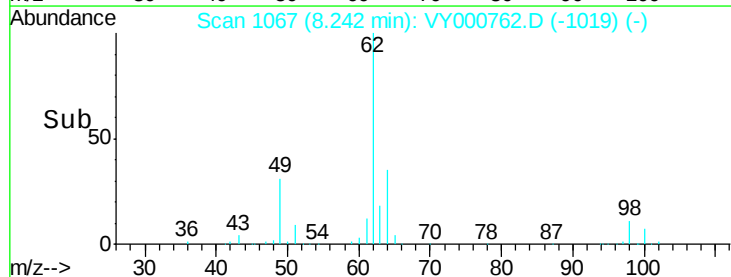
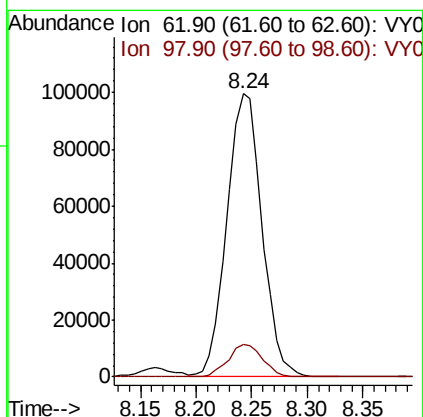
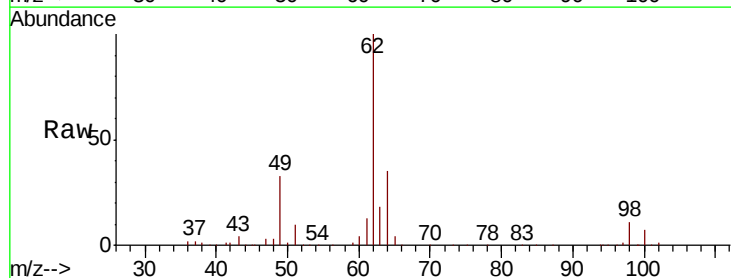
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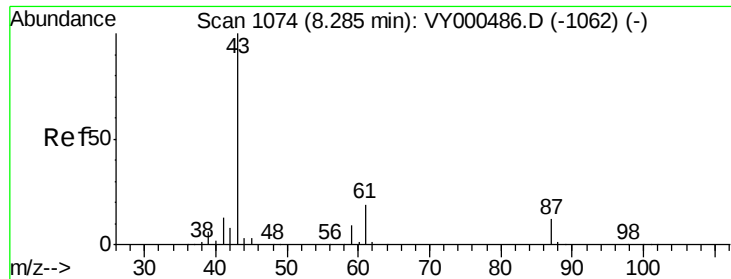
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#42
1,2-Dichloroethane
Concen: 45.805 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	19.2





#43

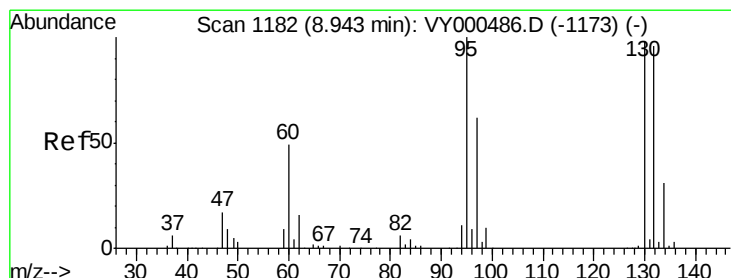
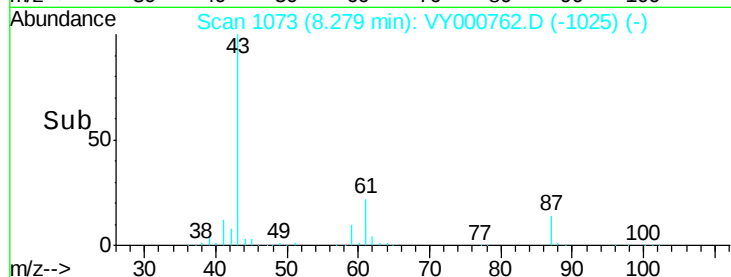
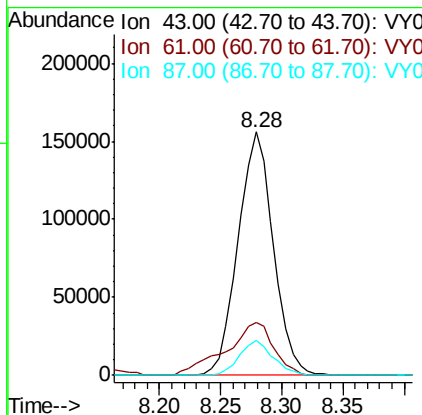
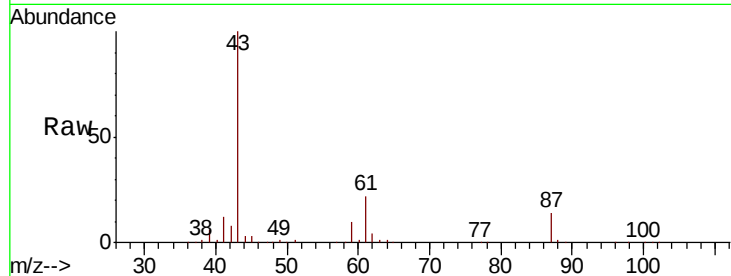
Isopropyl Acetate
 Concen: 48.949 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.0	34.4
87	13.8	10.5	15.7

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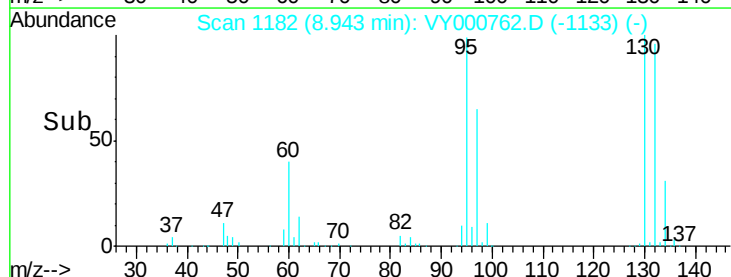
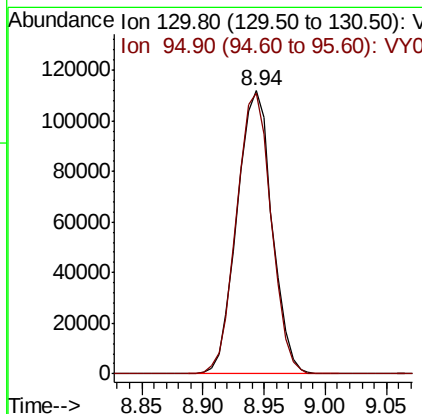
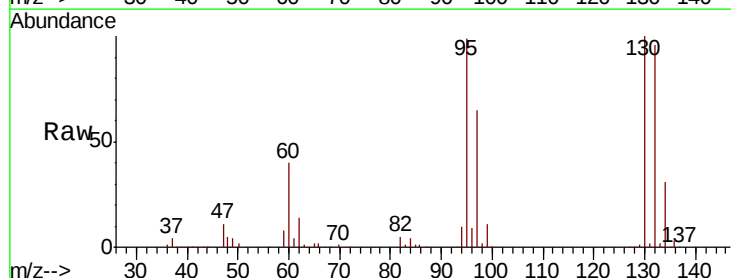
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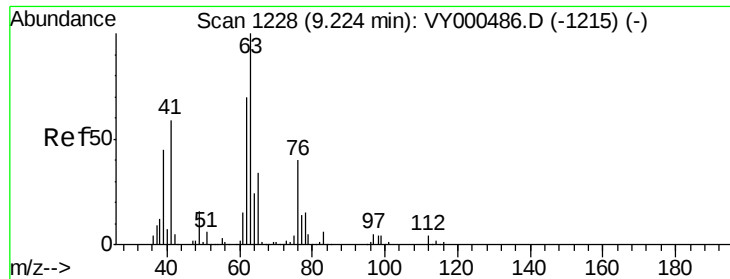


#44

Trichloroethene
 Concen: 50.273 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	203.2





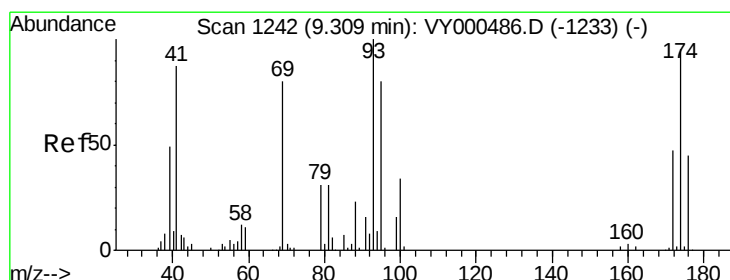
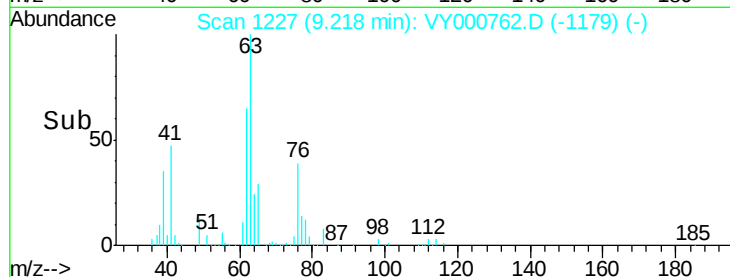
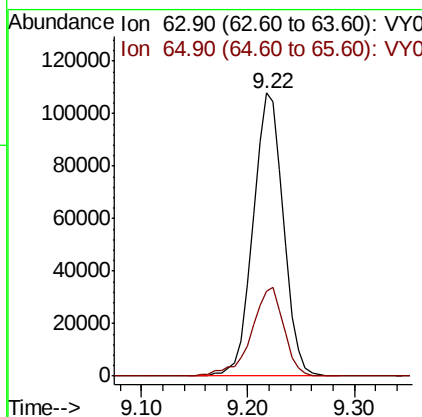
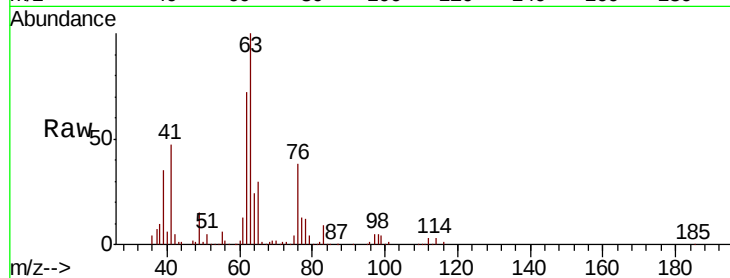
#45
 1,2-Dichloropropane
 Concen: 52.091 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	27.0	40.4

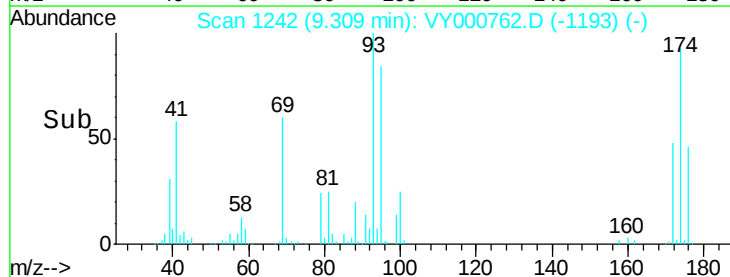
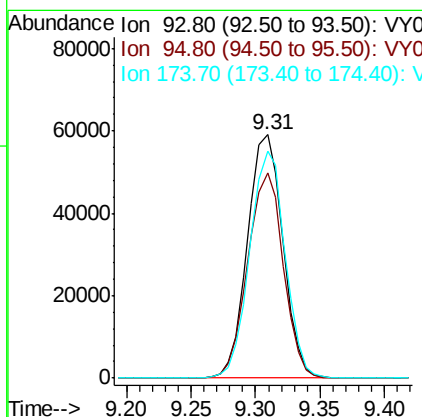
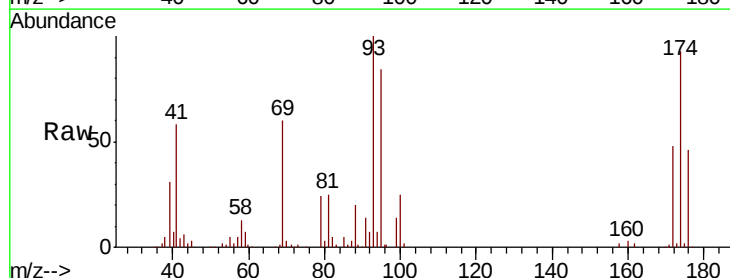
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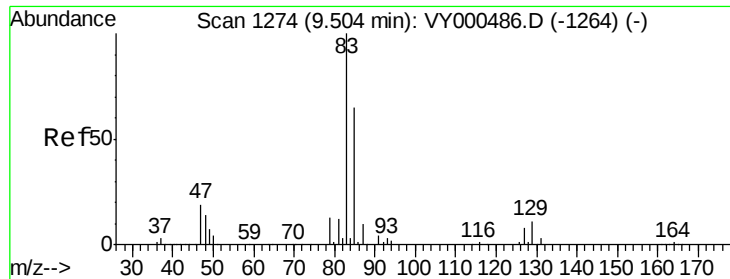
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#46
 Dibromomethane
 Concen: 49.501 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.0	66.4	99.6
174	92.8	77.1	115.7





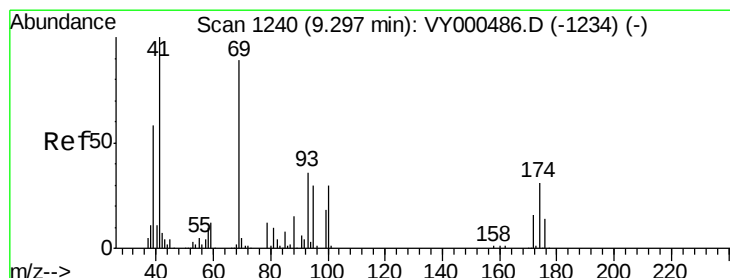
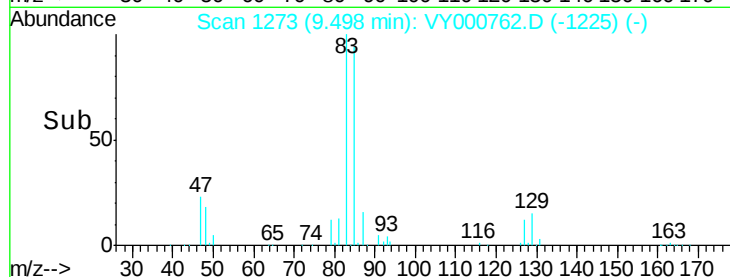
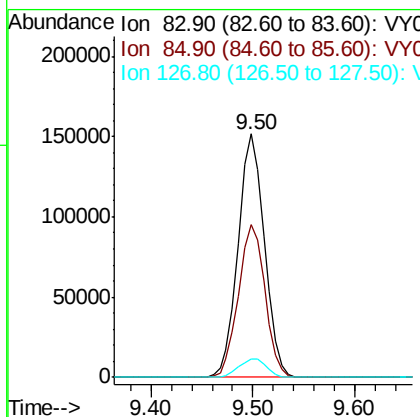
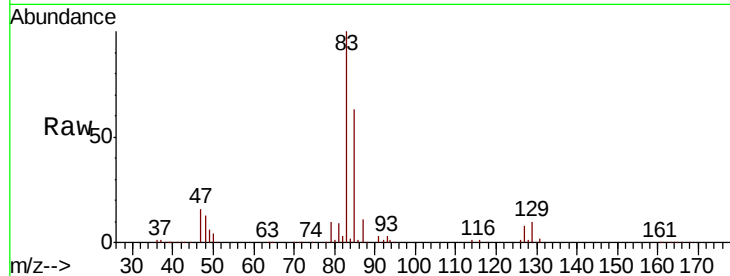
#47
Bromodichloromethane
Concen: 50.281 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	7.7	6.7	10.1

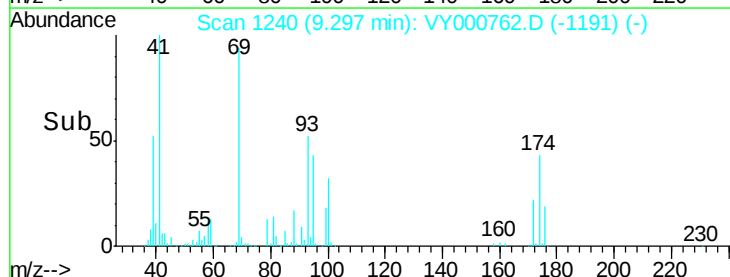
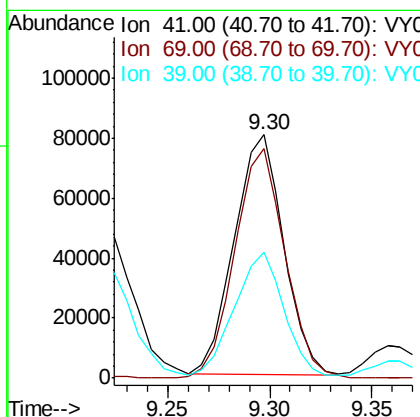
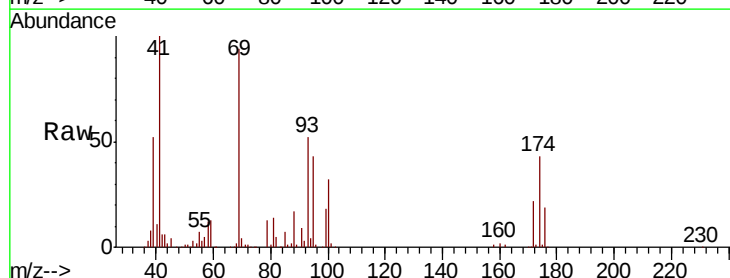
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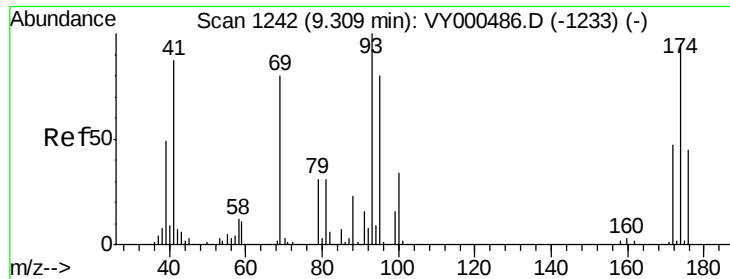
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#48
Methyl methacrylate
Concen: 48.485 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
41	100		
69	97.2	72.5	108.7
39	53.2	47.8	71.8





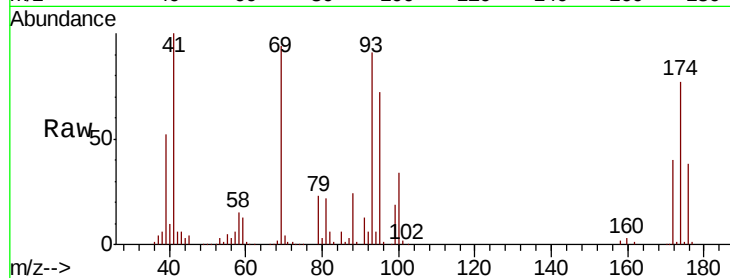
#49
1,4-Dioxane
Concen: 1082.580 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

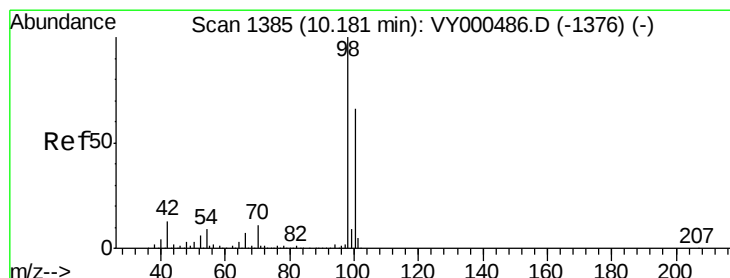
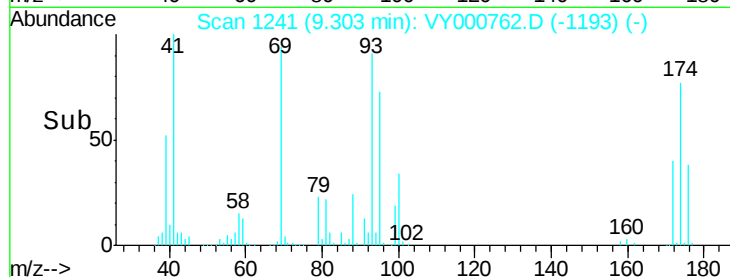
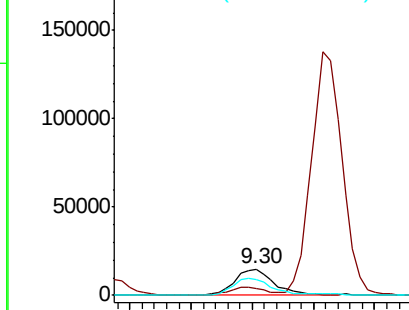
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	25.1	37.7
58	65.6	50.6	75.8

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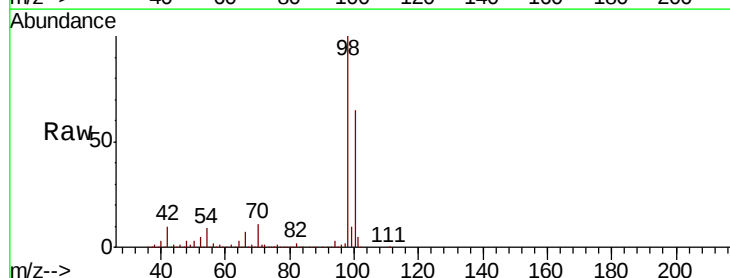


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

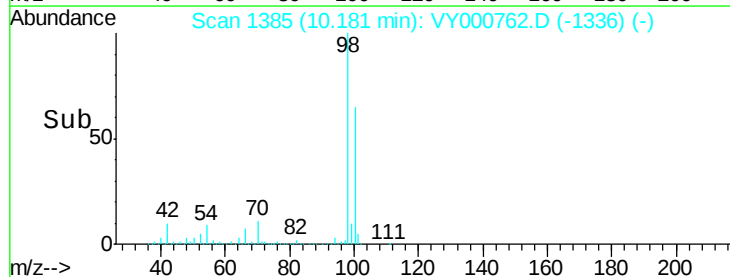
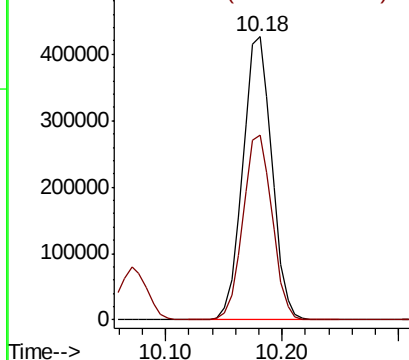


#50
Toluene-d8
Concen: 55.190 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 238.929 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 810072

Ion Ratio Lower Upper

43 100

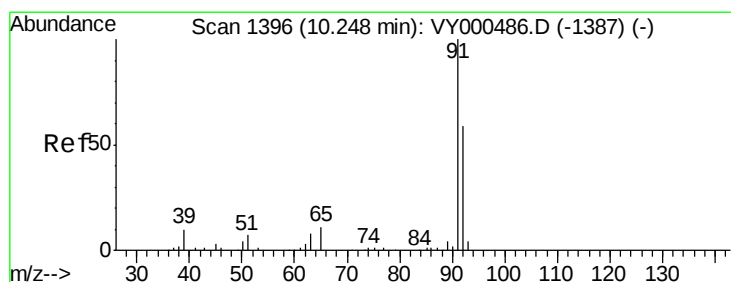
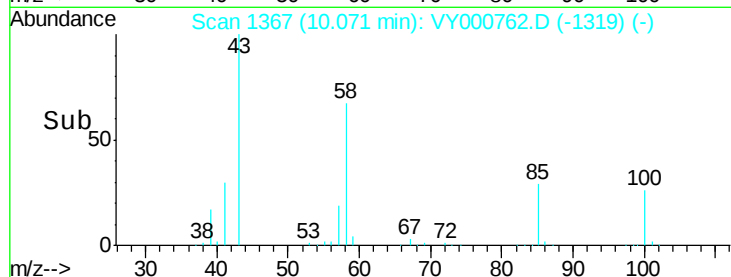
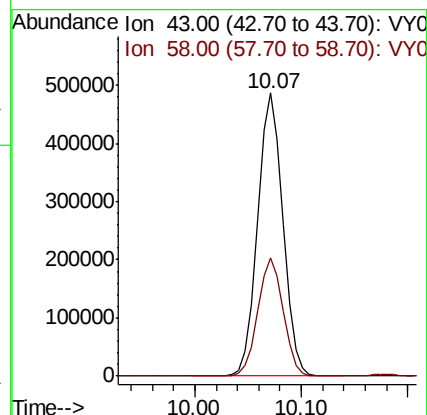
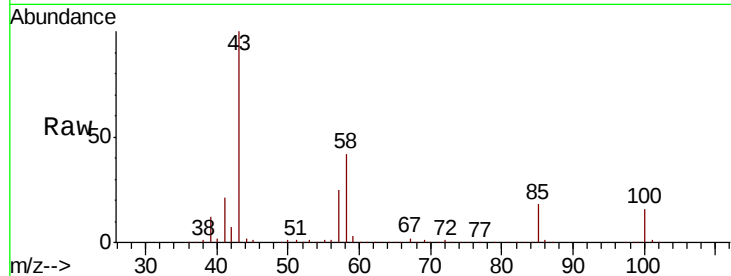
58 42.0 30.2 45.4

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#52

Toluene

Concen: 49.213 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000762.D

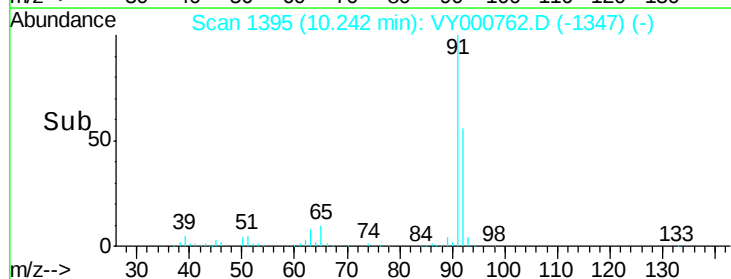
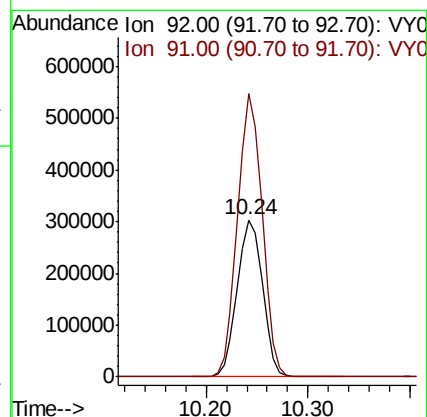
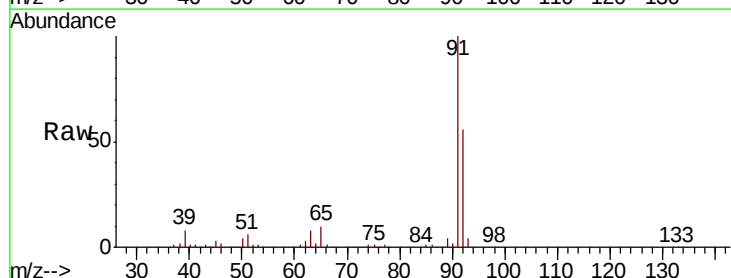
Acq: 21 Nov 2019 12:40

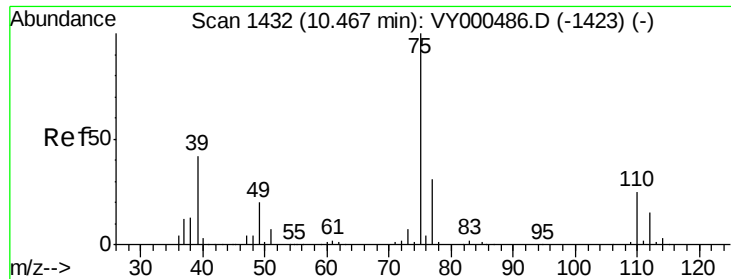
Tgt Ion: 92 Resp: 521567

Ion Ratio Lower Upper

92 100

91 175.4 136.3 204.5





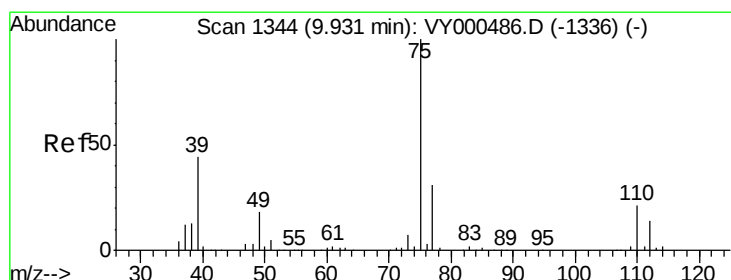
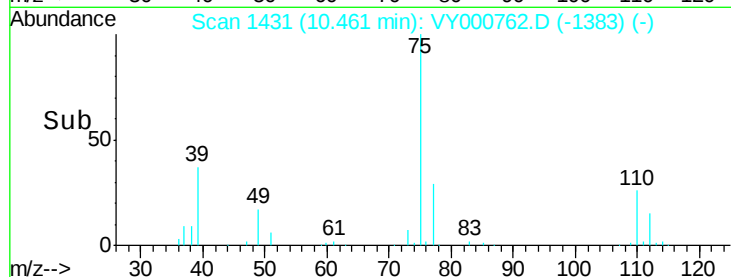
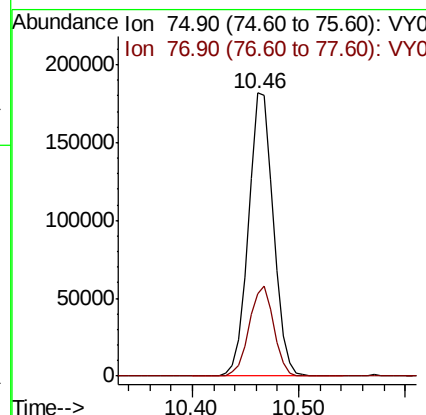
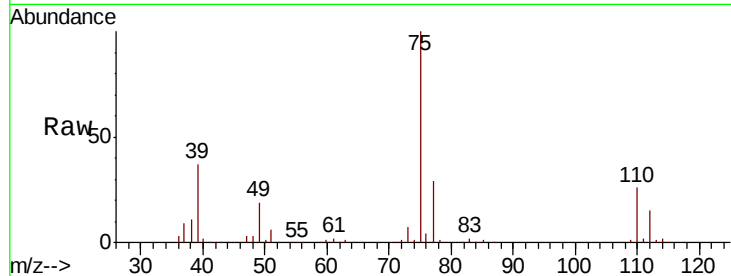
#53
t-1,3-Dichloropropene
Concen: 52.045 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 299398
Ion Ratio Lower Upper
75 100
77 29.3 24.6 37.0

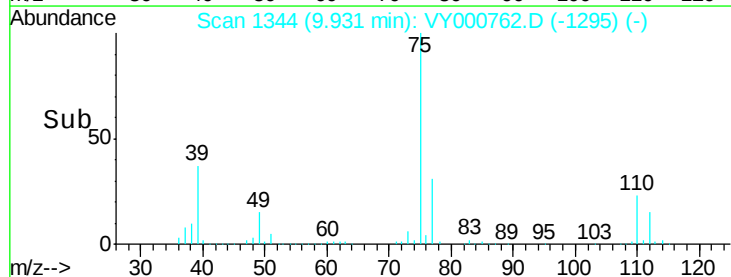
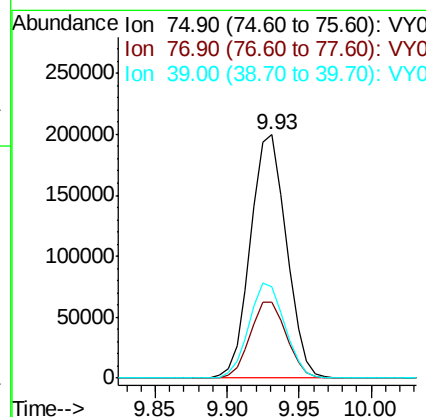
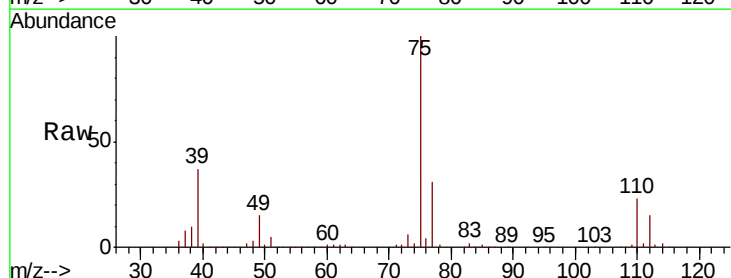
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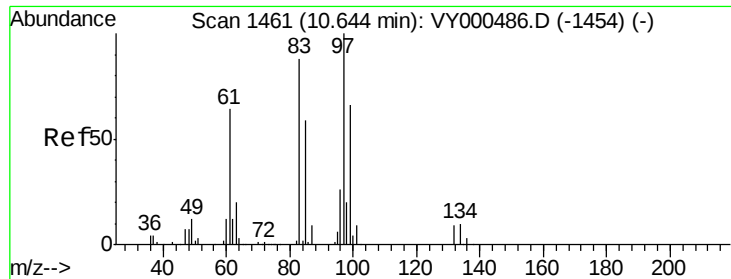
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#54
cis-1,3-Dichloropropene
Concen: 52.377 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 75 Resp: 345179
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7
39 37.4 35.4 53.2





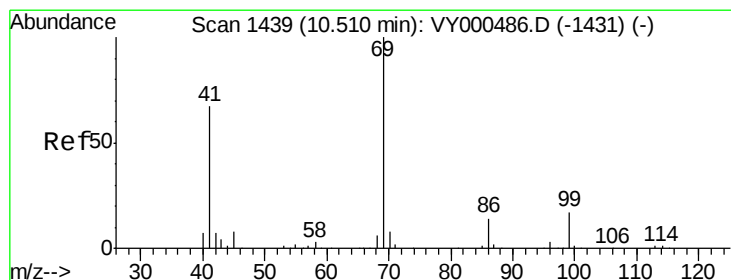
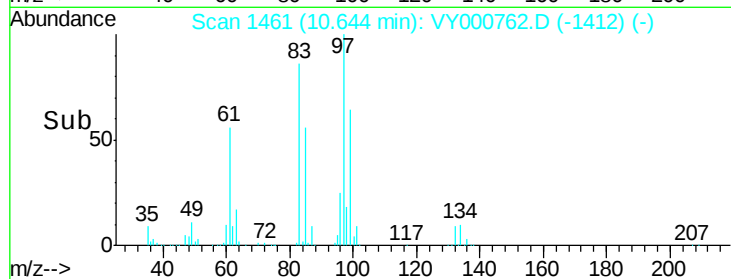
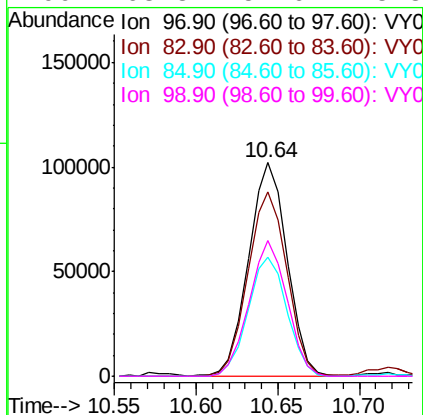
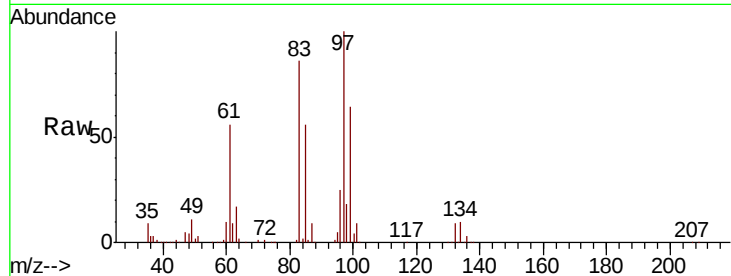
#55
 1,1,2-Trichloroethane
 Concen: 51.133 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.2	105.4
85	56.0	46.9	70.3
99	63.8	52.6	78.8

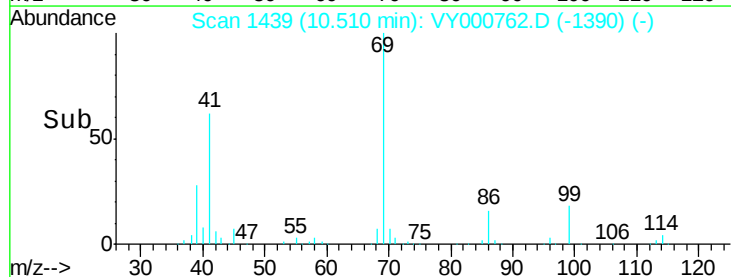
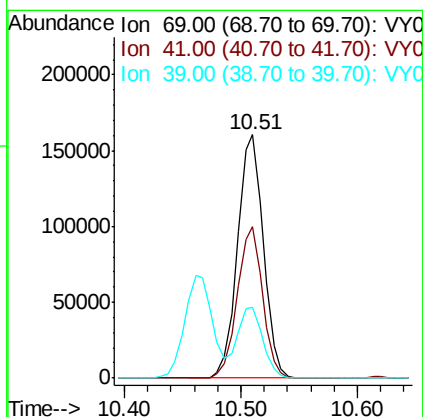
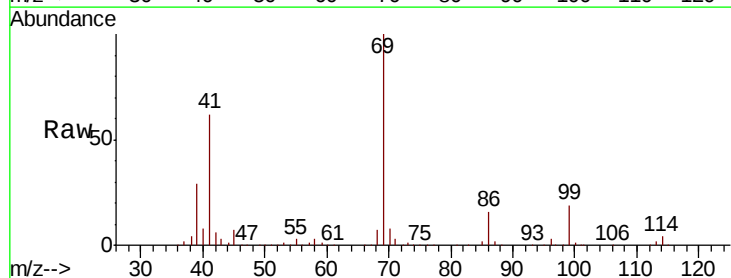
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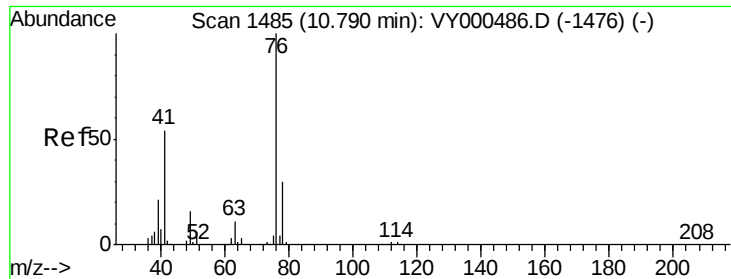
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#56
 Ethyl methacrylate
 Concen: 53.550 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	53.3	79.9
39	29.1	28.0	42.0





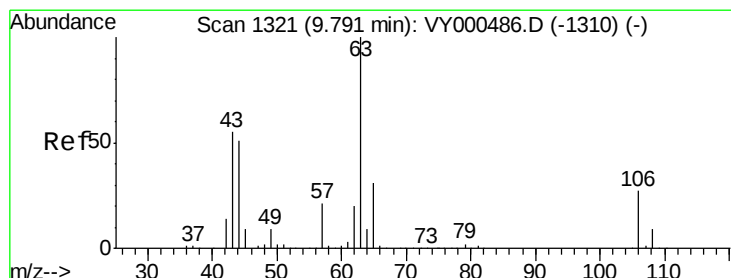
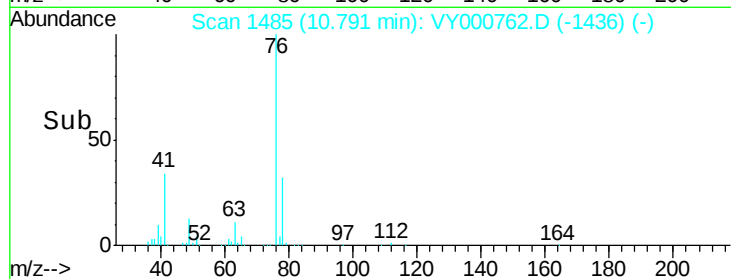
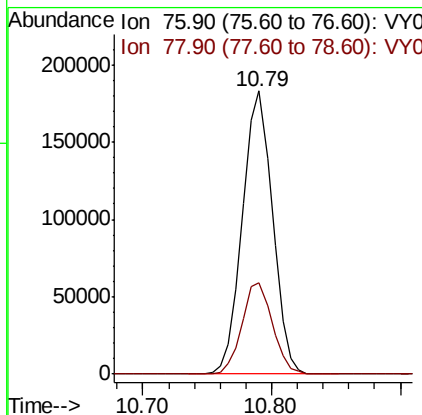
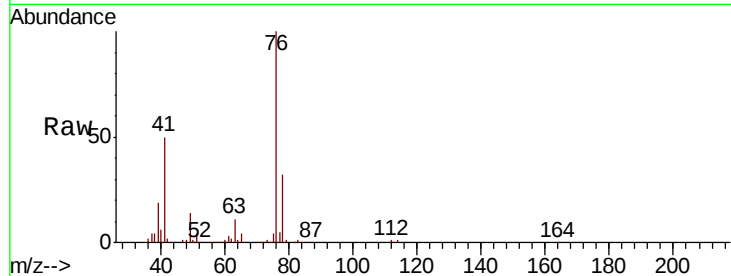
#57
 1,3-Dichloropropane
 Concen: 51.453 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 295543
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

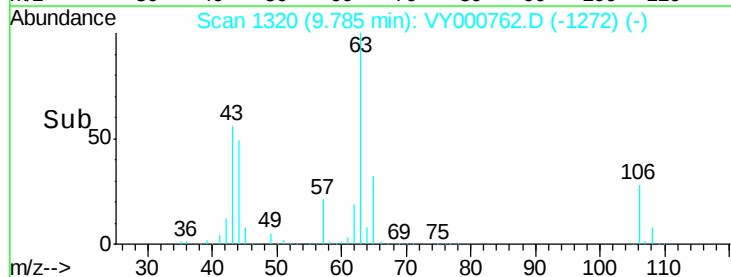
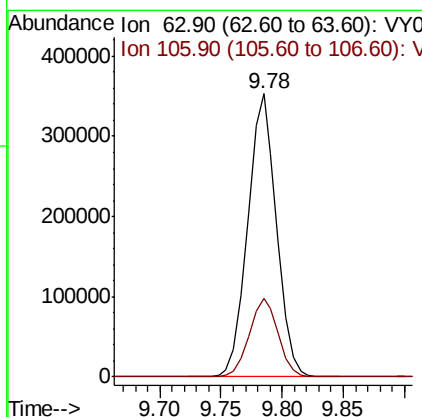
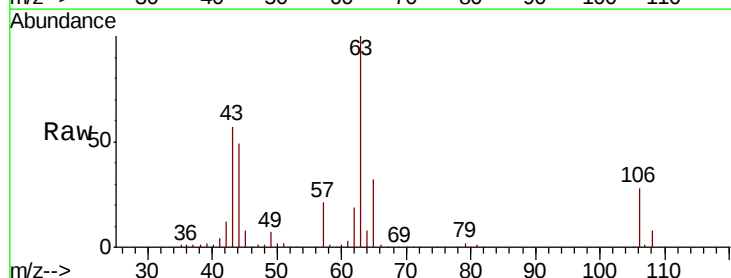
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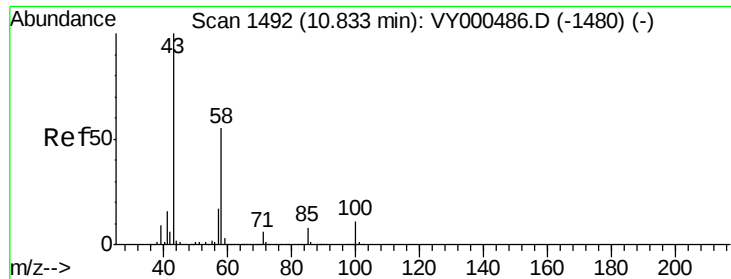
MMDadoda
 11/23/2019 6:11:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.269 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion: 63 Resp: 574648
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.6 33.8





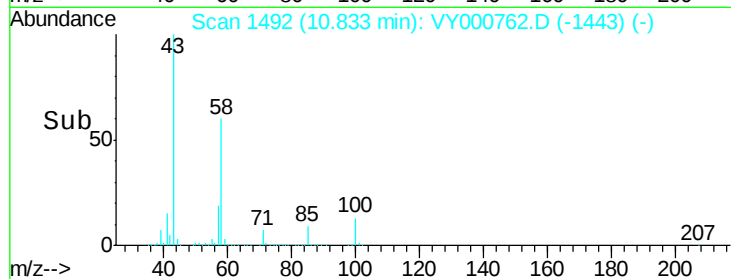
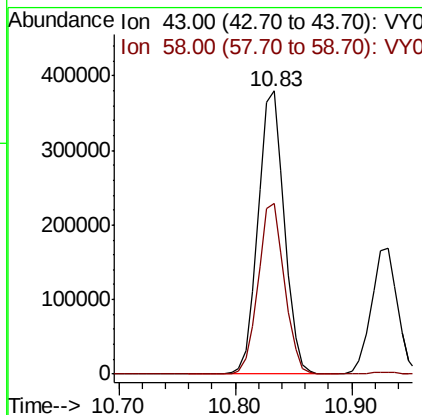
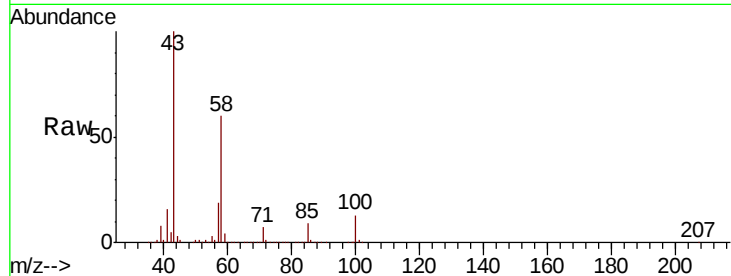
#59
2-Hexanone
Concen: 239.857 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 592506
Ion Ratio Lower Upper
43 100
58 60.4 27.1 81.3

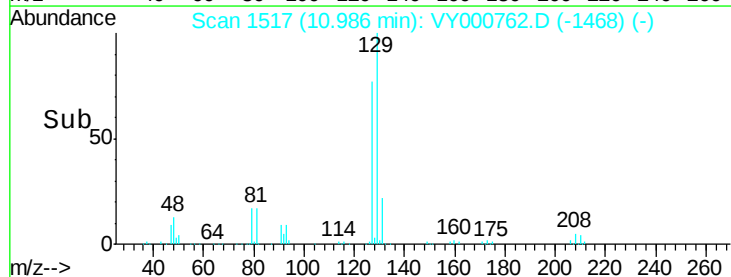
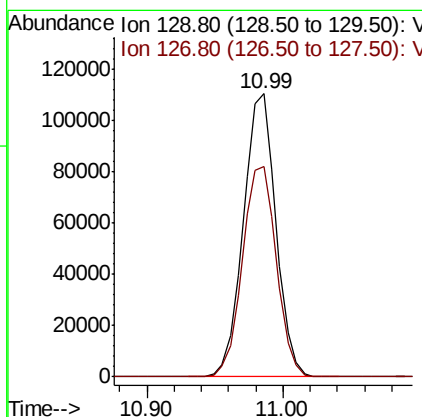
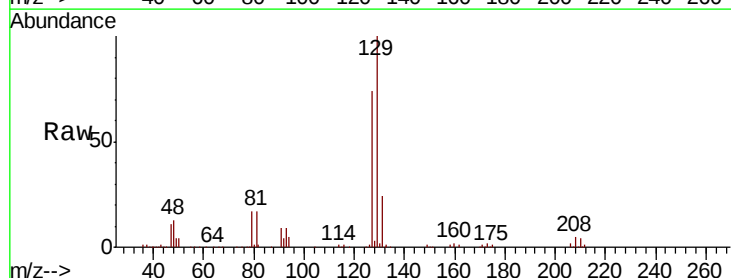
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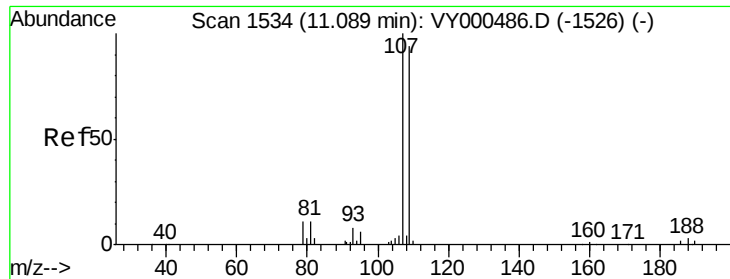
MMDadoda
11/23/2019 6:11:07 AM



#60
Dibromochloromethane
Concen: 49.209 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 129 Resp: 184980
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





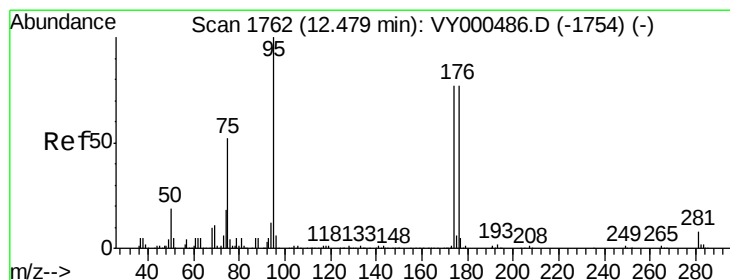
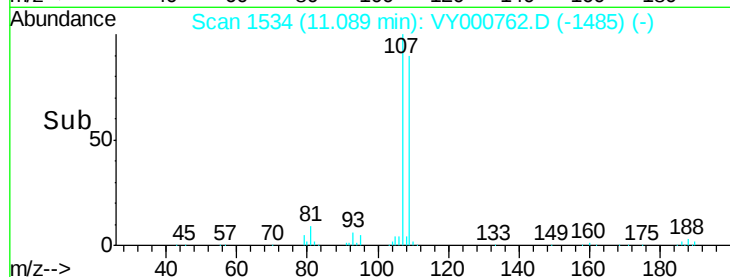
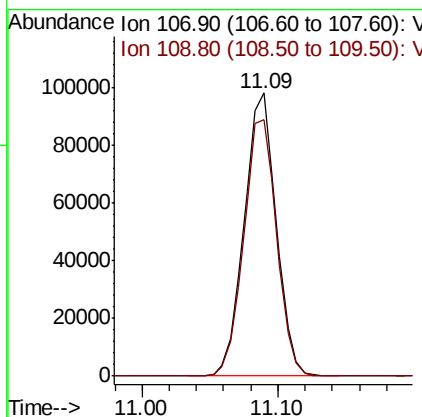
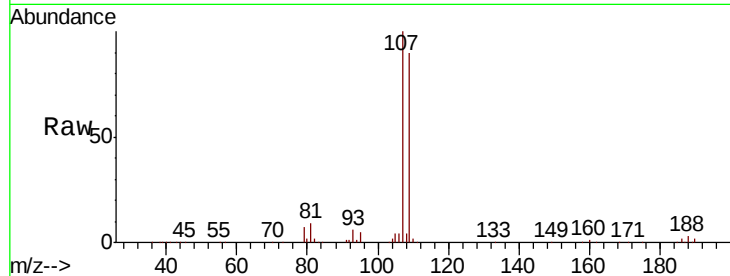
#61
1,2-Dibromoethane
Concen: 51.246 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	73.6	110.4

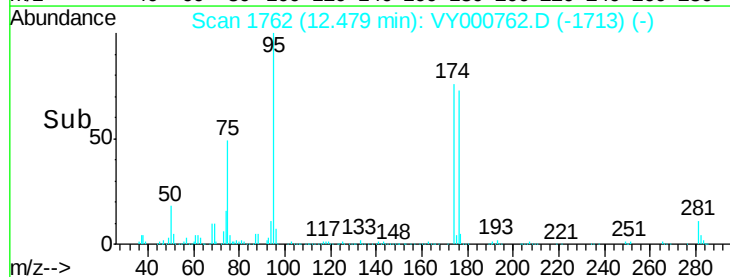
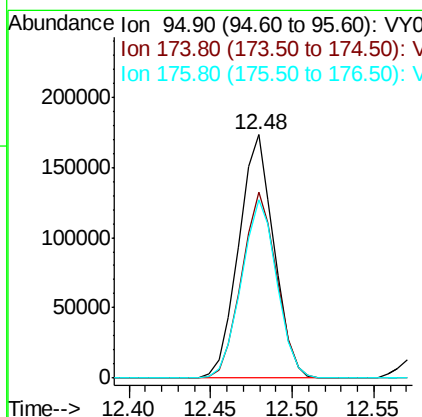
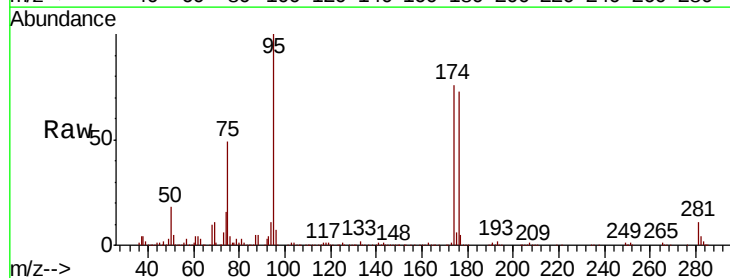
Manual Integrations
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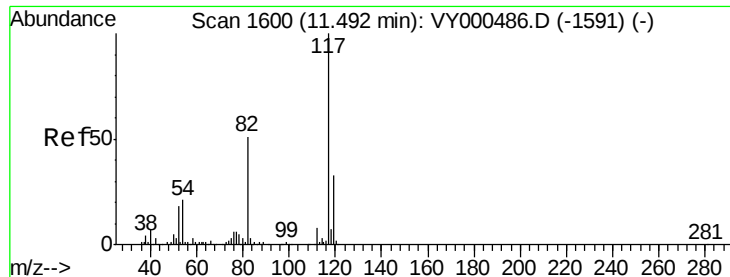
MMDadoda
11/23/2019 6:11:07 AM



#62
4-Bromofluorobenzene
Concen: 50.640 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	161.6
176	74.0	0.0	157.8





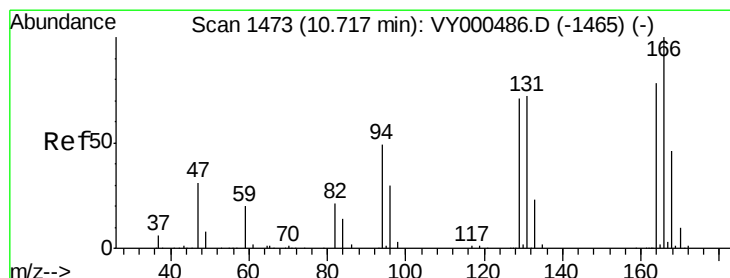
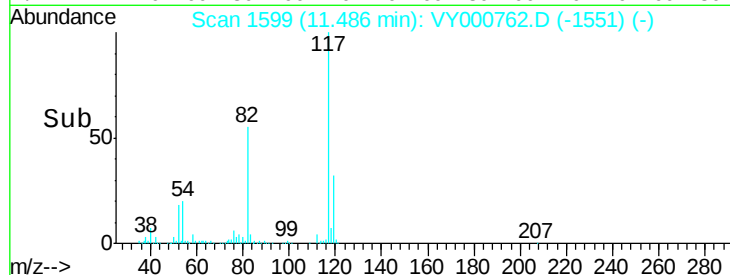
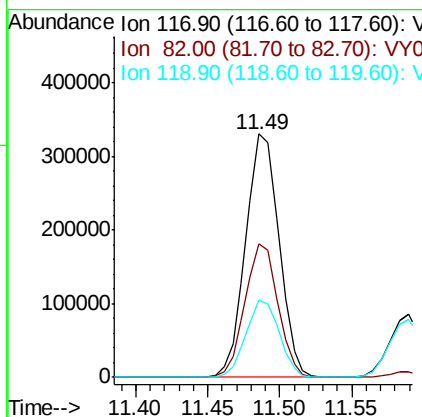
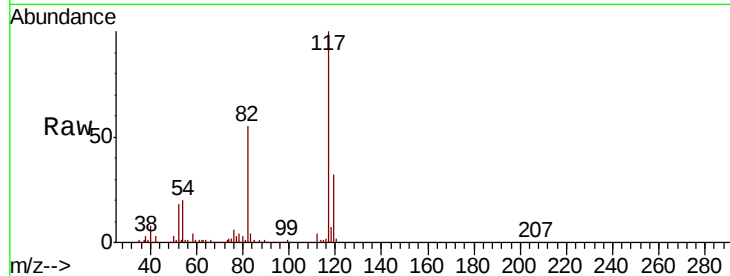
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	530085		
82	54.8		40.8	61.2
119	31.7		26.2	39.2

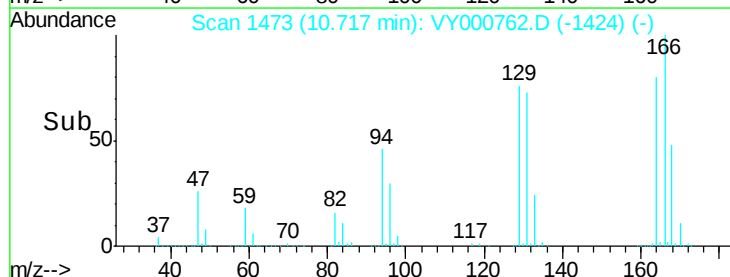
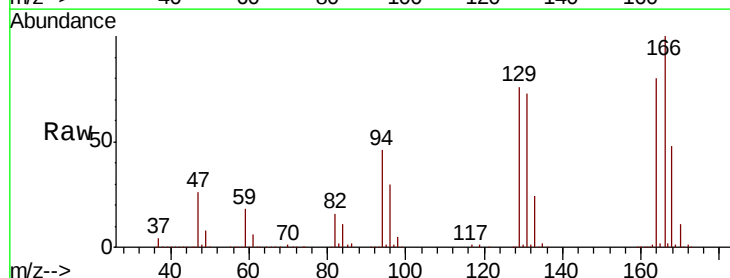
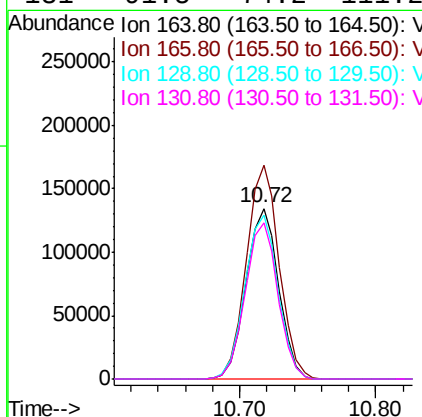
Manual Integrations
APPROVED

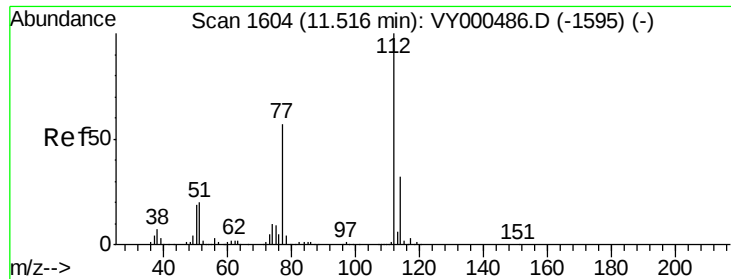
MMDadoda
11/23/2019 6:11:07 AM



#64
Tetrachloroethene
Concen: 51.703 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	226621		
166	125.0		102.7	154.1
129	95.5		73.2	109.8
131	91.5		74.2	111.2





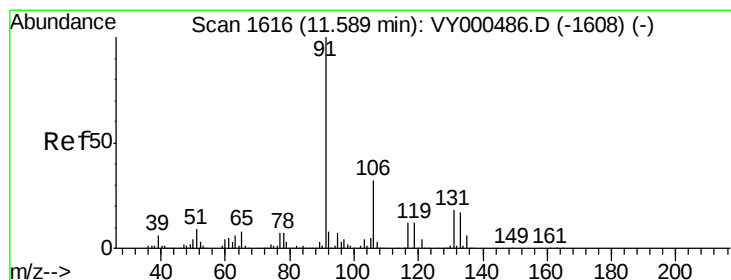
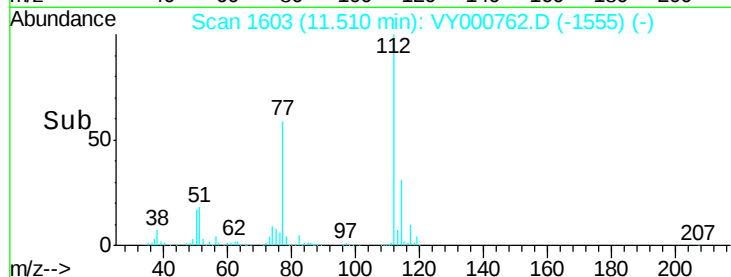
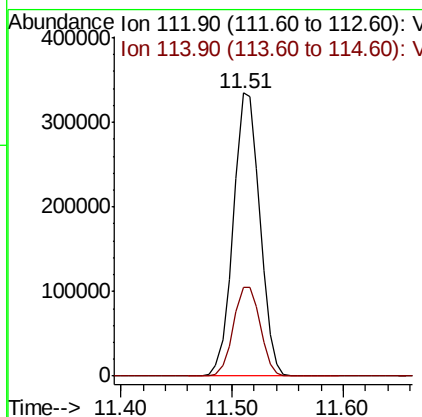
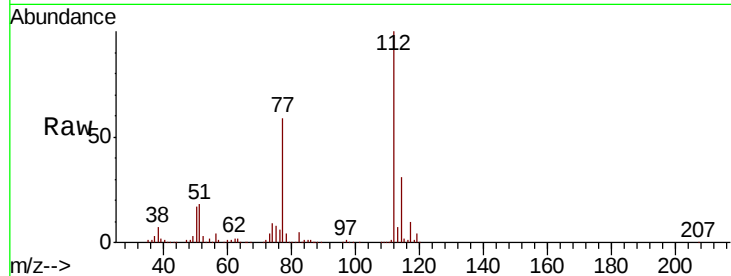
#65
Chlorobenzene
Concen: 51.277 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 551095
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

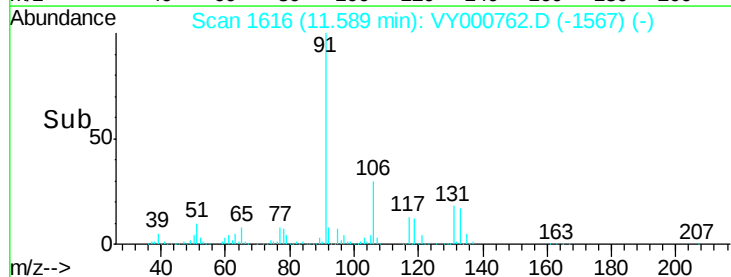
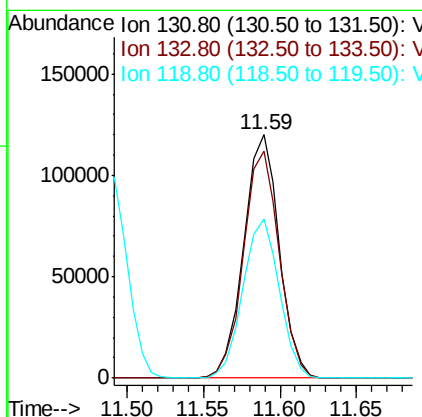
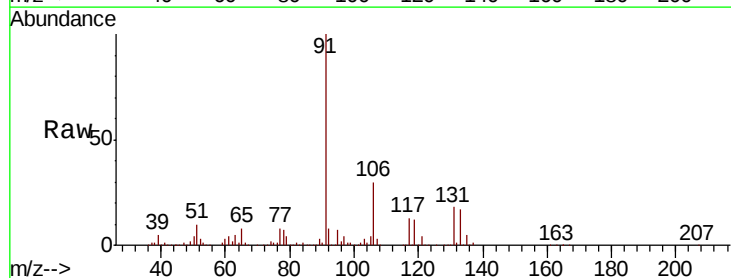
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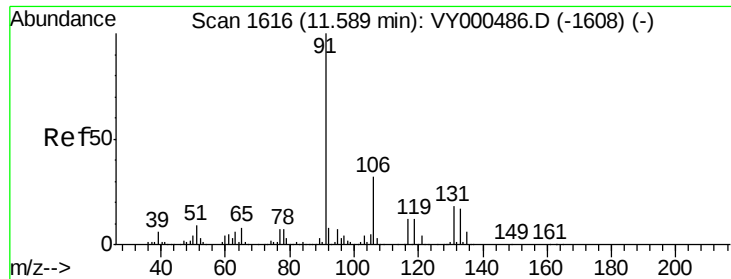
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.910 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion:131 Resp: 193488
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.8
119 67.2 33.1 99.3





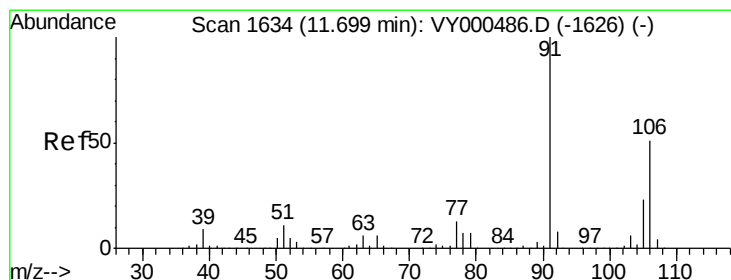
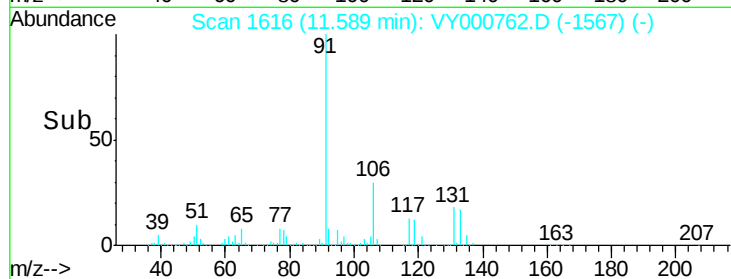
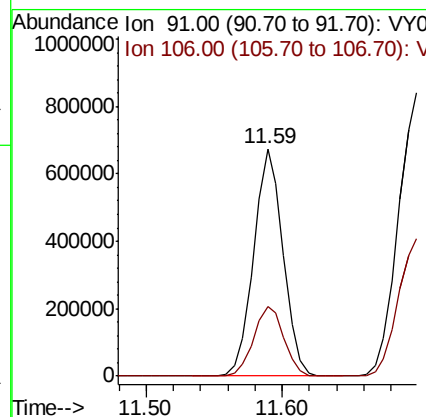
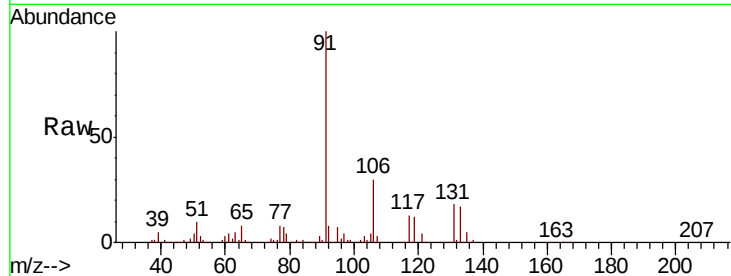
#67
Ethyl Benzene
Concen: 51.556 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1019777
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0

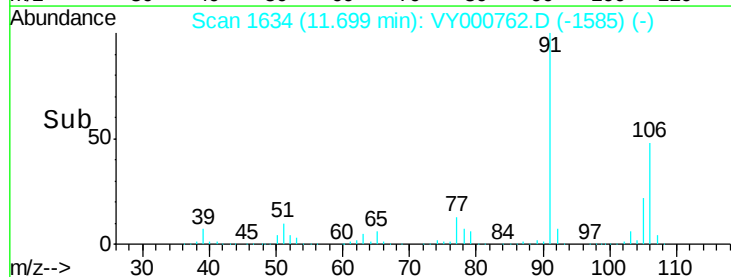
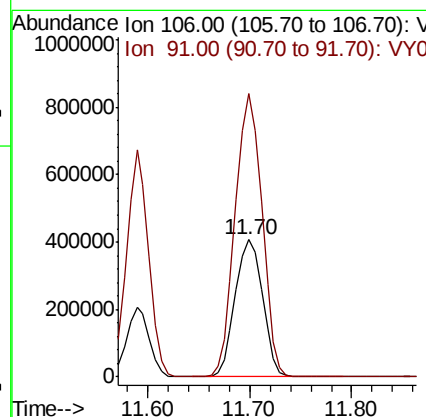
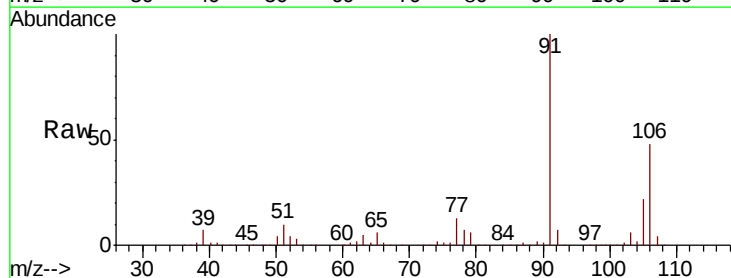
Manual Integrations
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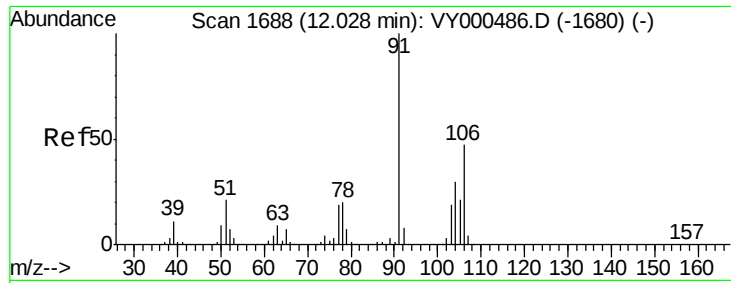
MMDadoda
11/23/2019 6:11:07 AM



#68
m/p-Xylenes
Concen: 99.314 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 106 Resp: 760311
Ion Ratio Lower Upper
106 100
91 201.7 155.9 233.9





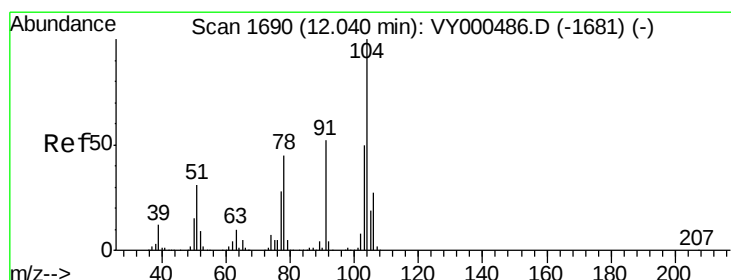
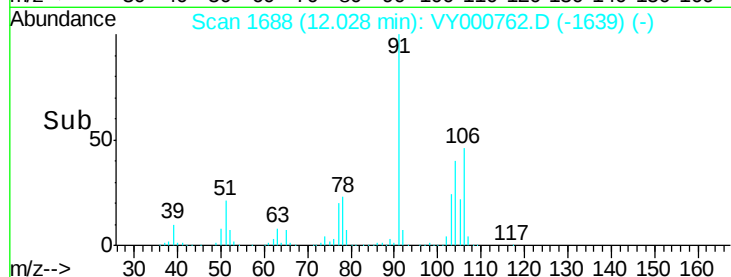
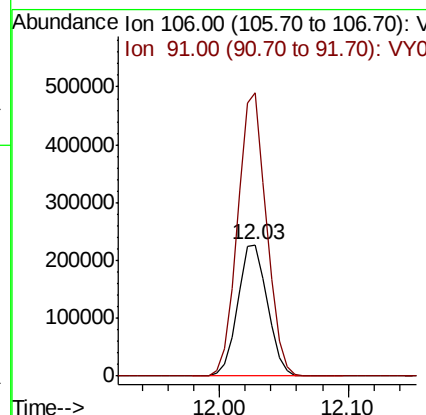
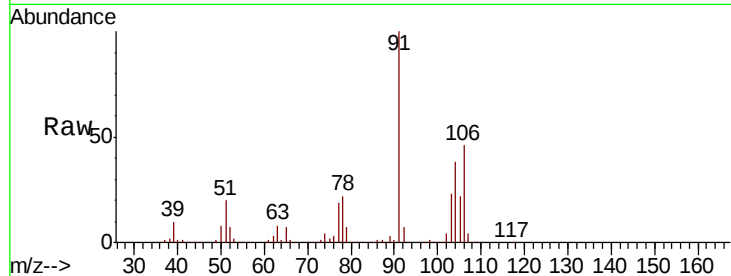
#69
o-Xylene
Concen: 50.625 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	208.9	106.5	319.6	

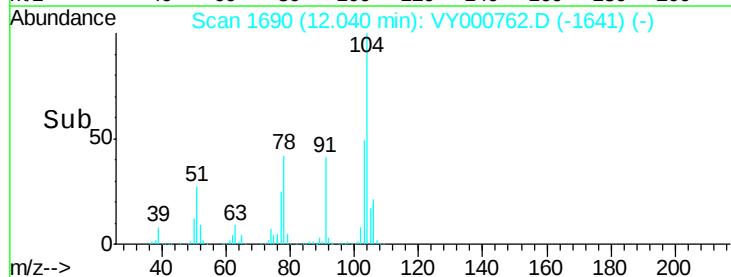
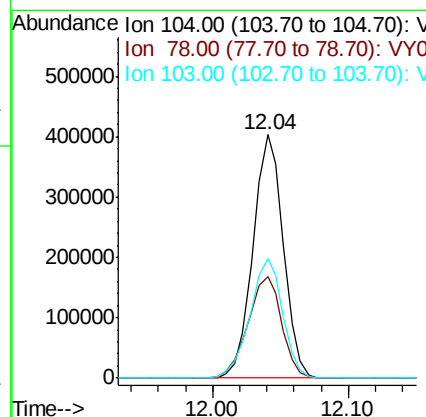
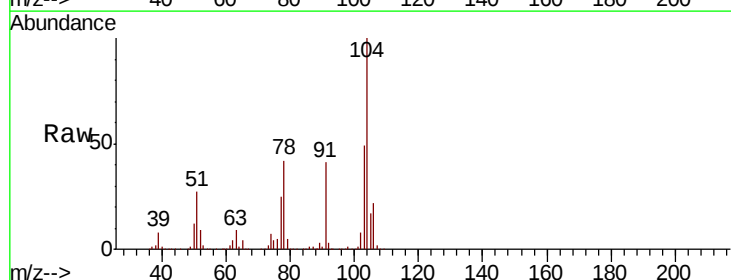
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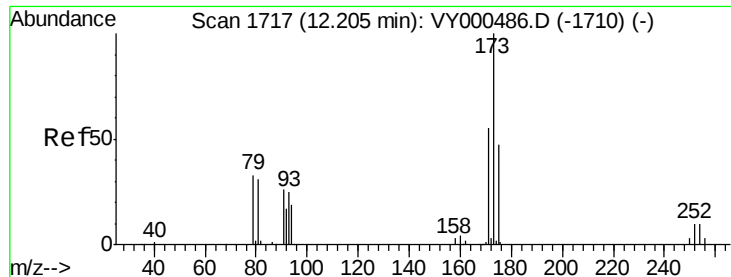
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#70
Styrene
Concen: 51.059 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.6	39.0	58.4	
103	53.0	42.5	63.7	





#71

Bromoform

Concen: 51.264 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

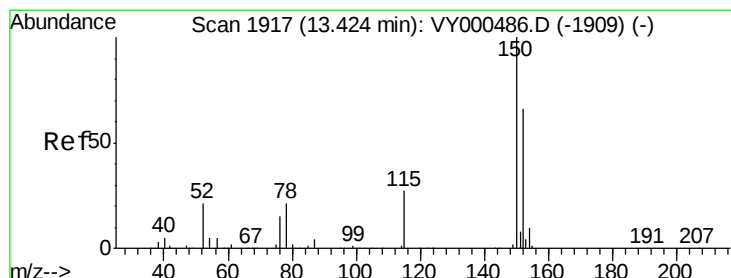
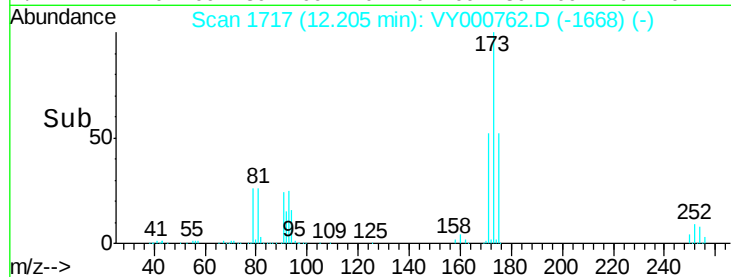
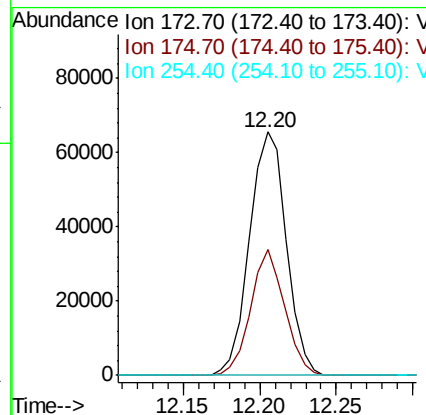
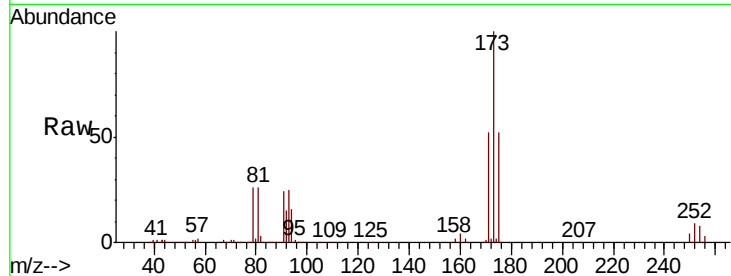
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.4	73.2
254	0.0	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

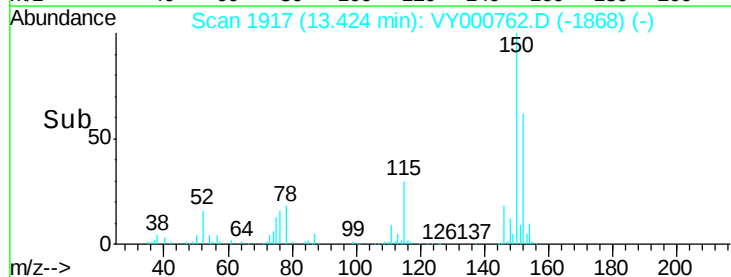
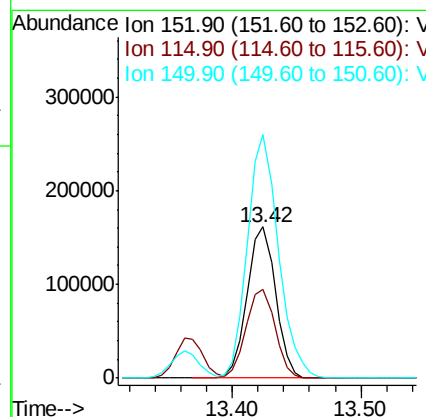
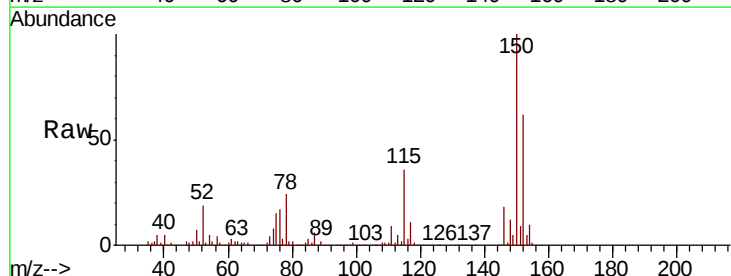
RT: 13.42 min Scan# 1917

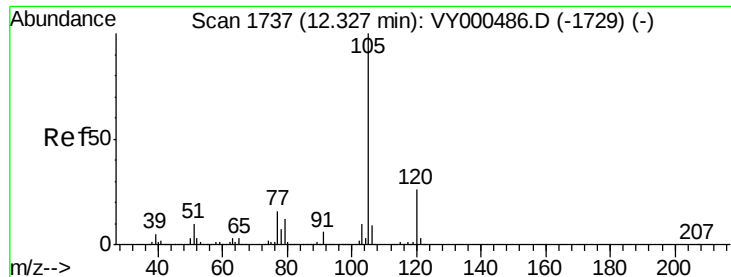
Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.1	87.4
150	175.3	0.0	348.8





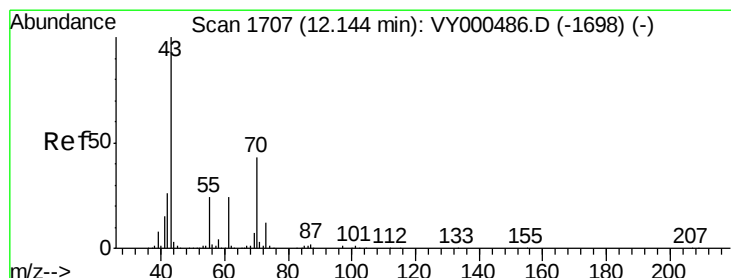
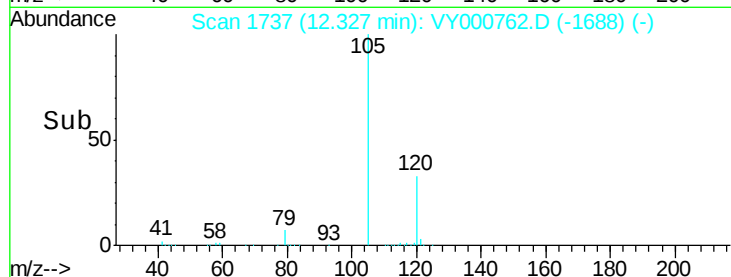
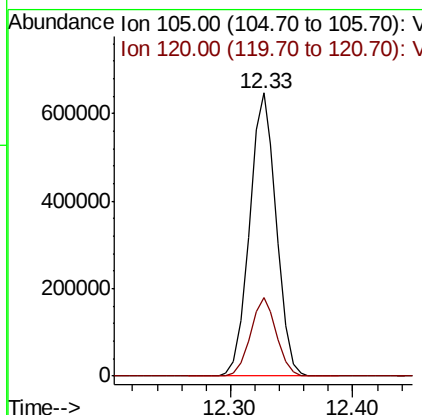
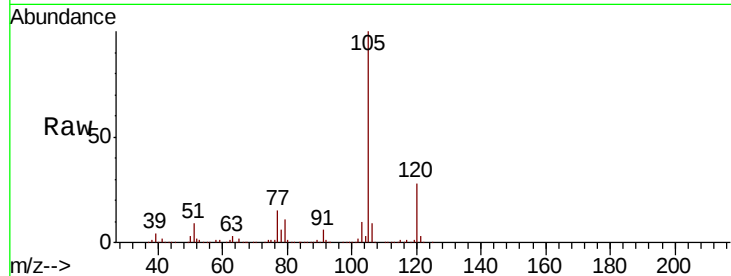
#73
Isopropylbenzene
Concen: 54.015 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	980225		
120	26.9		13.5	40.4

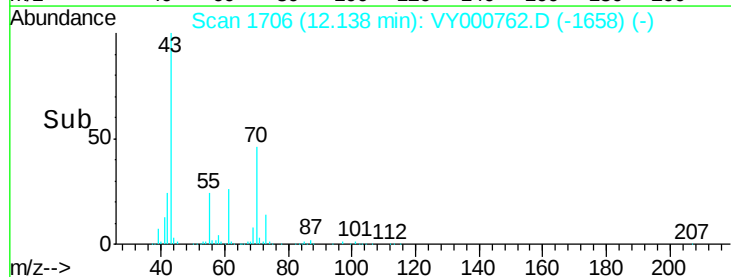
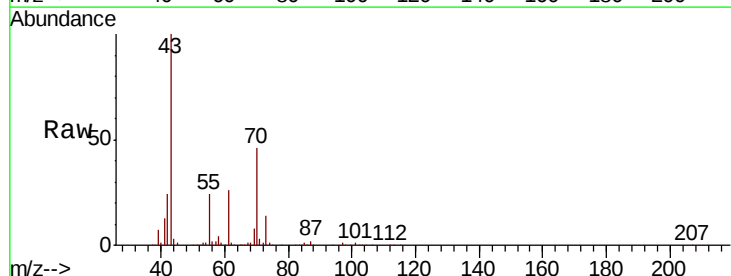
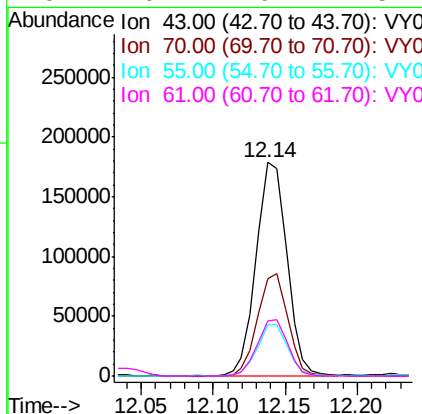
Manual Integrations
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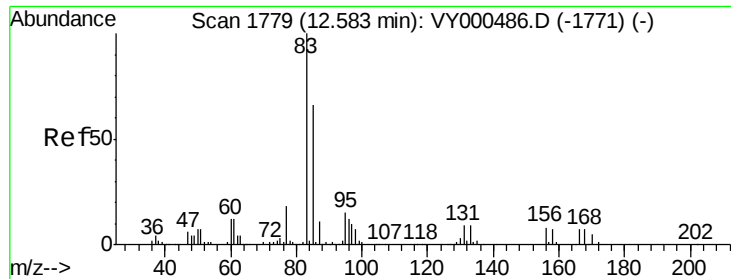
MMDadoda
11/23/2019 6:11:07 AM



#74
N-ethyl acetate
Concen: 50.845 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	264258		
70	47.1		33.1	49.7
55	23.8		18.0	27.0
61	26.2		19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.219 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

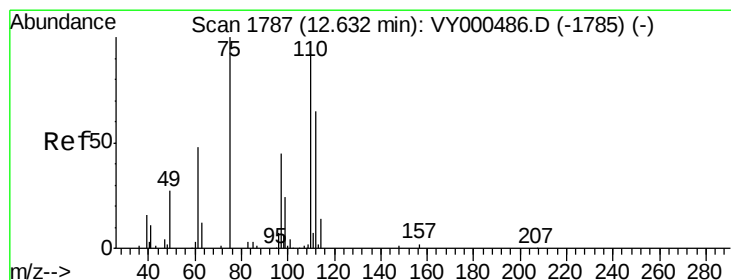
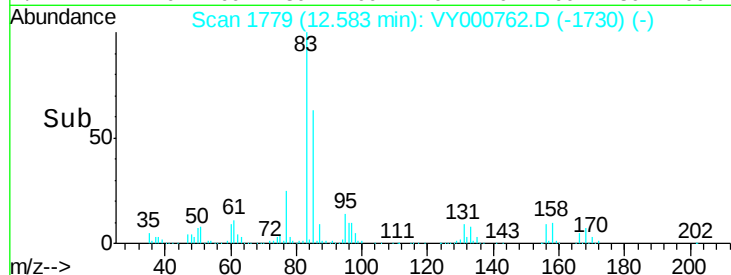
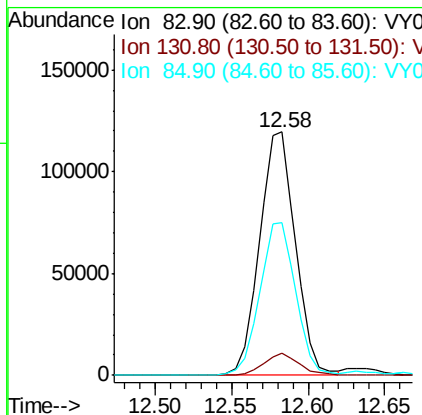
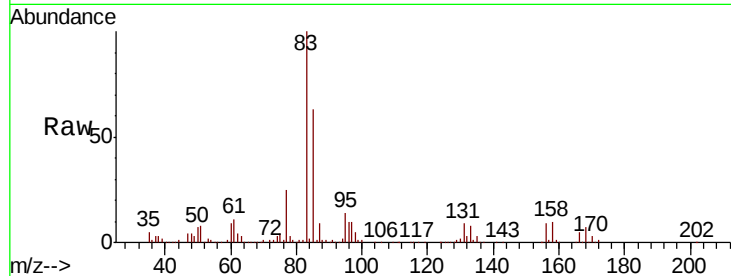
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	194819
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.0	14.9
85	62.8	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.223 ug/l m

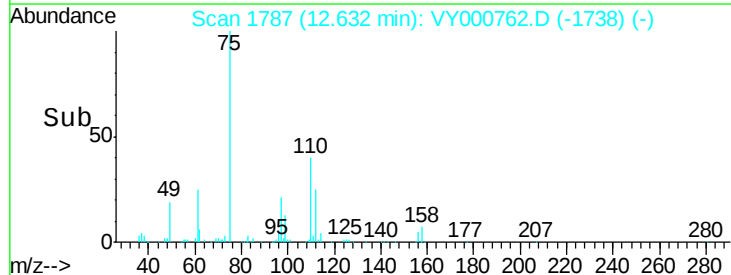
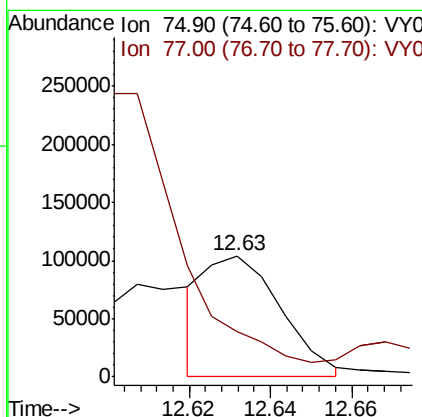
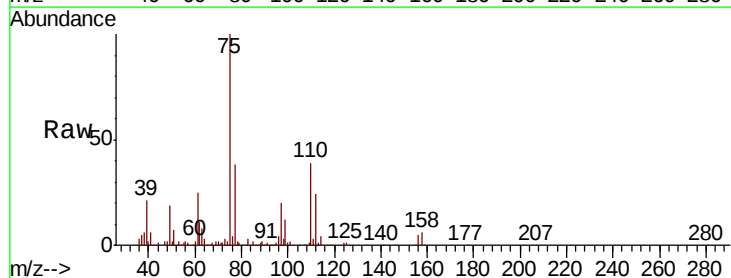
RT: 12.63 min Scan# 1787

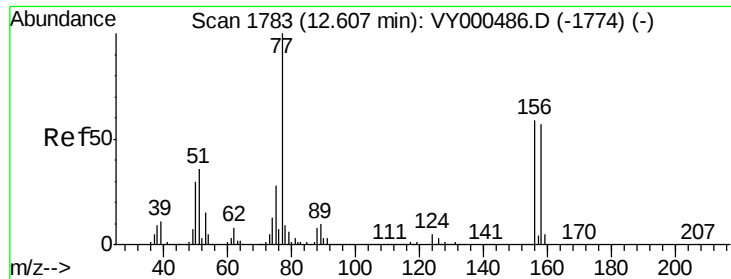
Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion:	75	Resp:	134821
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.928 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 213697

Ion Ratio Lower Upper

156 100

77 205.7 98.2 294.4

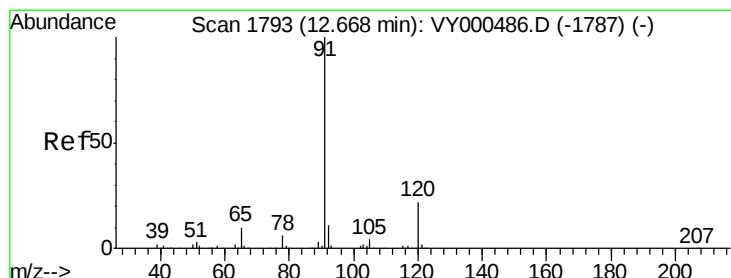
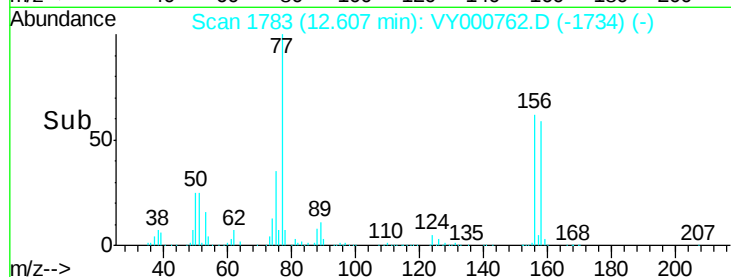
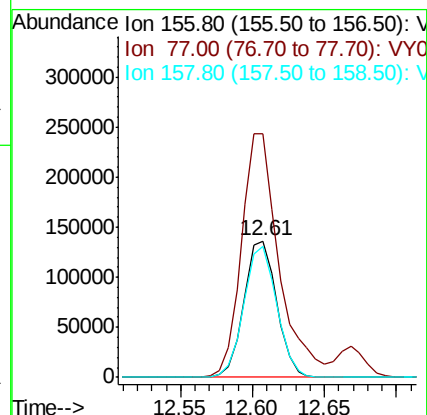
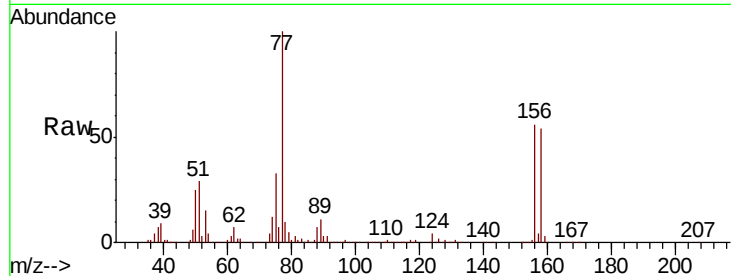
158 96.9 49.6 149.0

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#78

n-propylbenzene

Concen: 54.825 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY000762.D

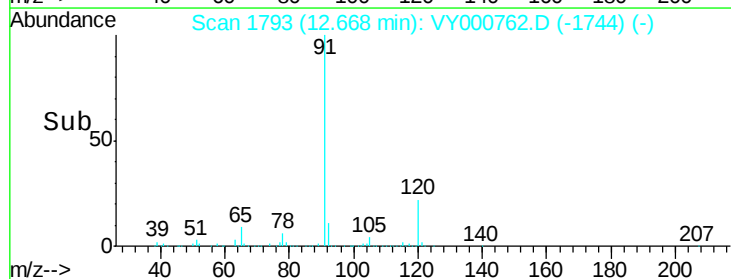
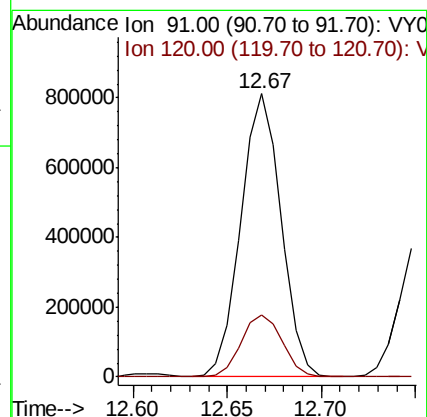
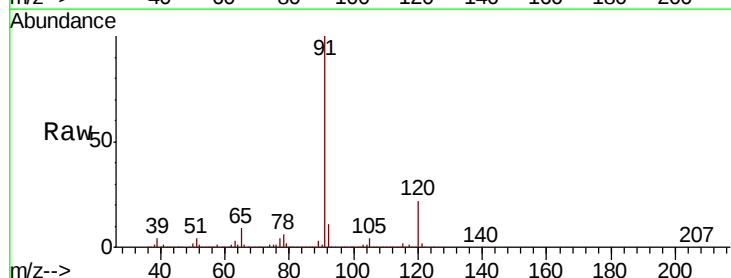
Acq: 21 Nov 2019 12:40

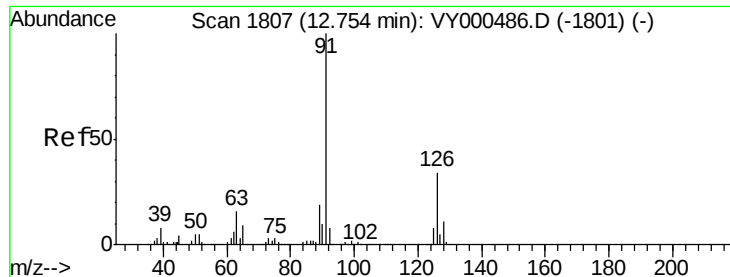
Tgt Ion: 91 Resp: 1200451

Ion Ratio Lower Upper

91 100

120 22.6 11.4 34.1





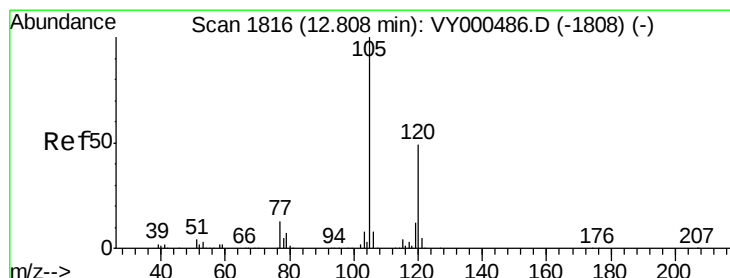
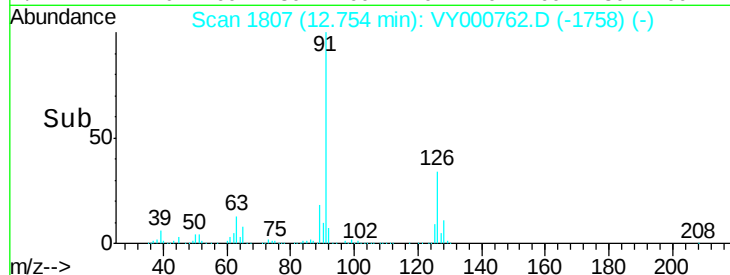
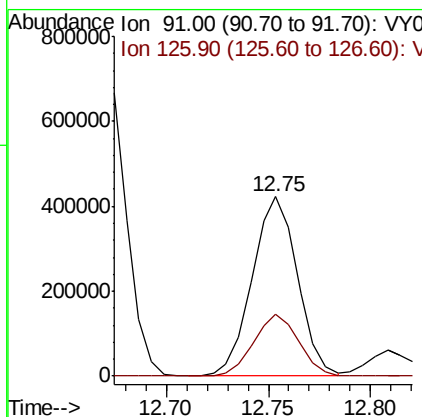
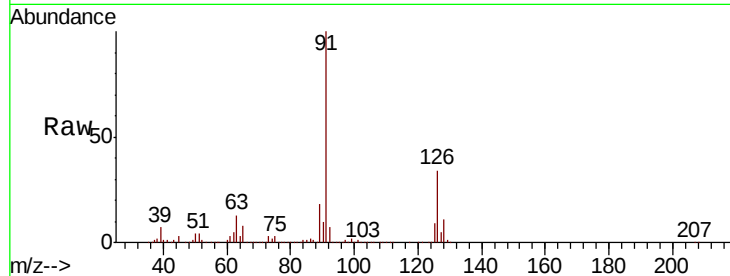
#79
2-Chlorotoluene
Concen: 53.773 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 653652
Ion Ratio Lower Upper
91 100
126 34.2 17.7 53.1

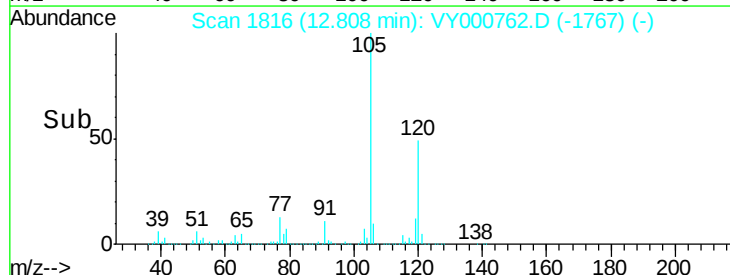
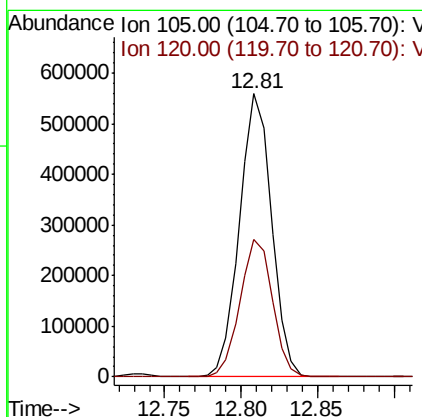
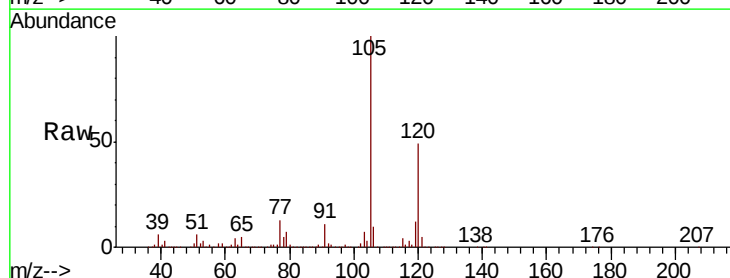
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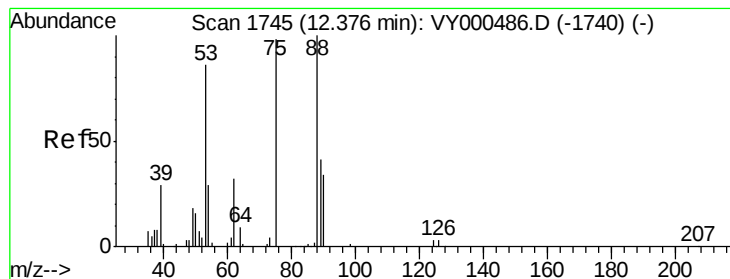
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#80
1,3,5-Trimethylbenzene
Concen: 53.977 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion: 105 Resp: 815803
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 60.381 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

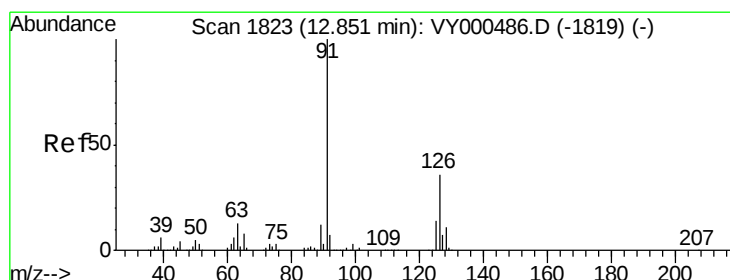
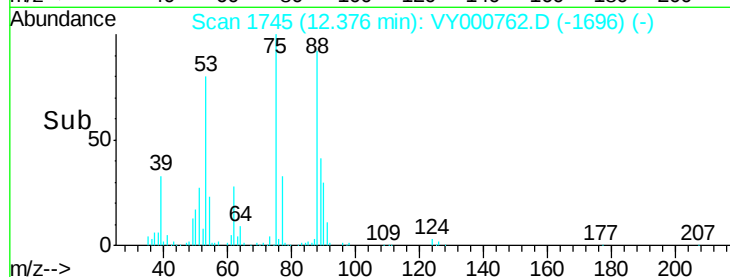
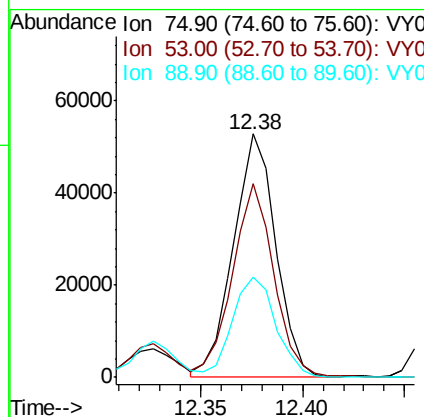
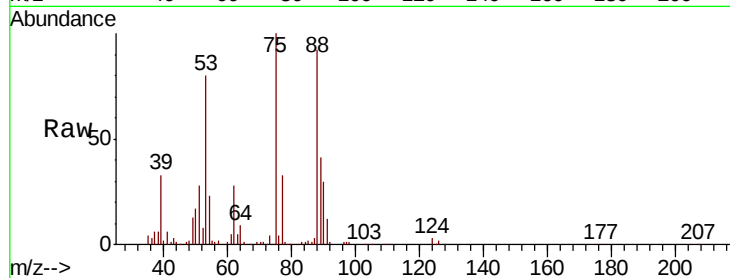
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	75291
Ion Ratio	Lower	Upper	
75	100		
53	79.1	73.2	109.8
89	42.4	35.9	53.9

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#82

4-Chlorotoluene

Concen: 54.407 ug/l

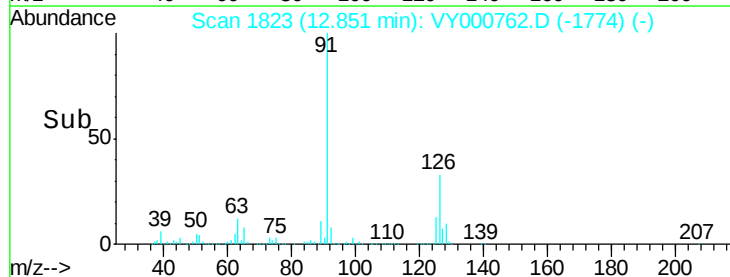
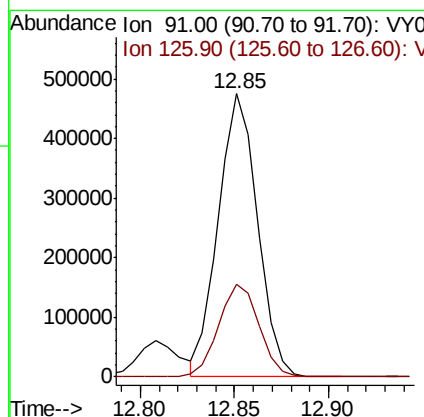
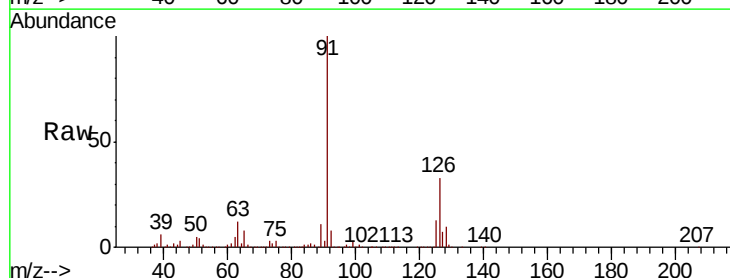
RT: 12.85 min Scan# 1823

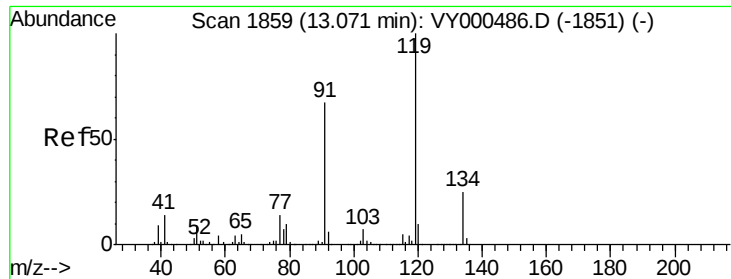
Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion:	91	Resp:	685554
Ion Ratio	Lower	Upper	
91	100		
126	34.0	17.6	52.9





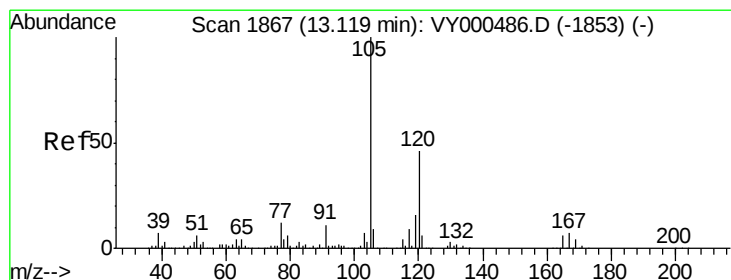
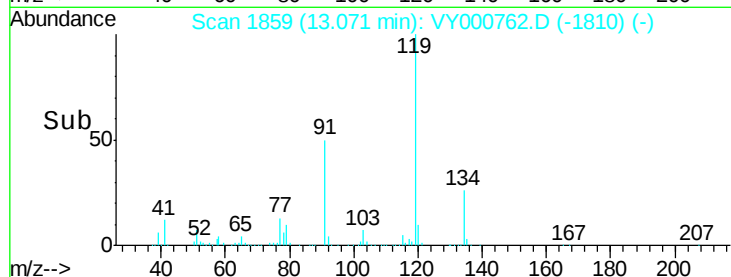
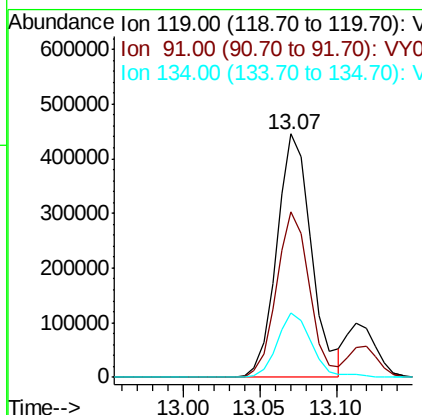
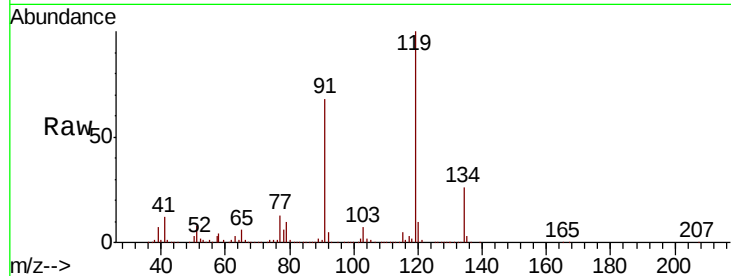
#83
tert-Butylbenzene
Concen: 54.177 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.9	32.1	96.3
134	26.4	13.2	39.5

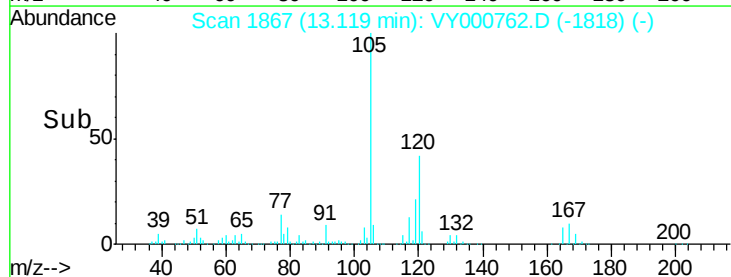
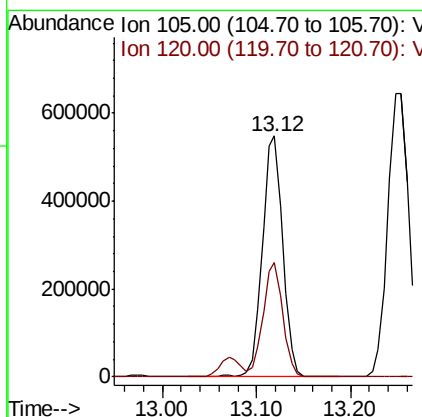
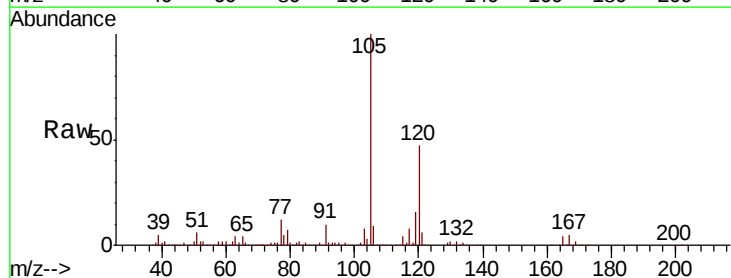
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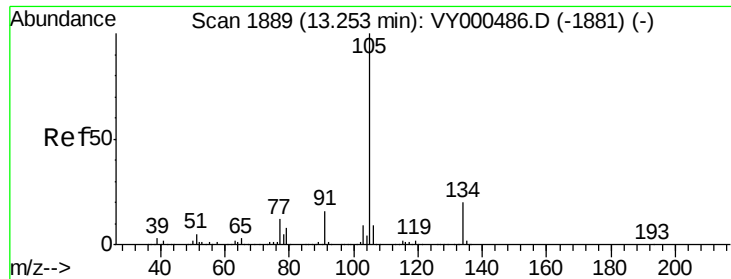
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#84
1,2,4-Trimethylbenzene
Concen: 55.653 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.3	69.9





#85

sec-Butylbenzene

Concen: 54.777 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1007119

Ion Ratio Lower Upper

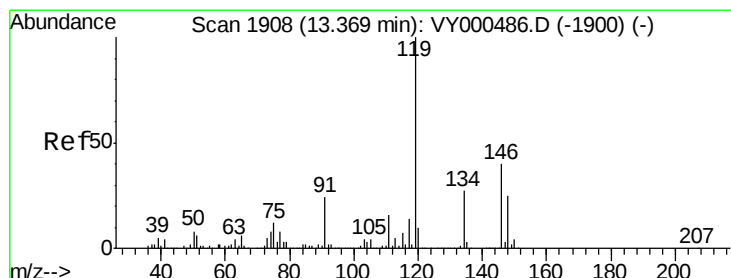
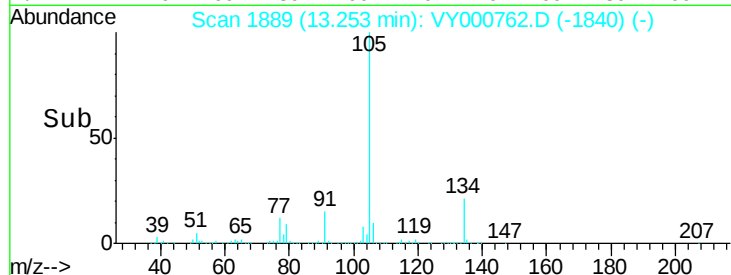
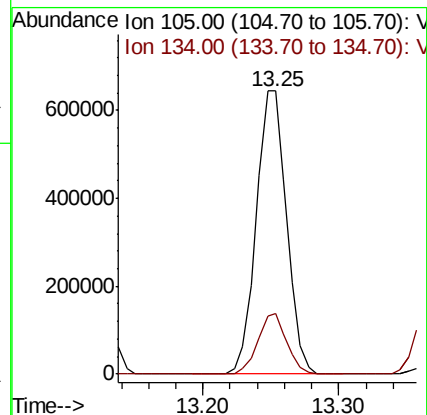
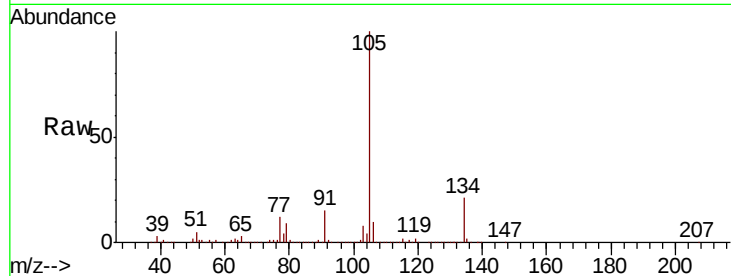
105 100

134 20.3 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 53.261 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

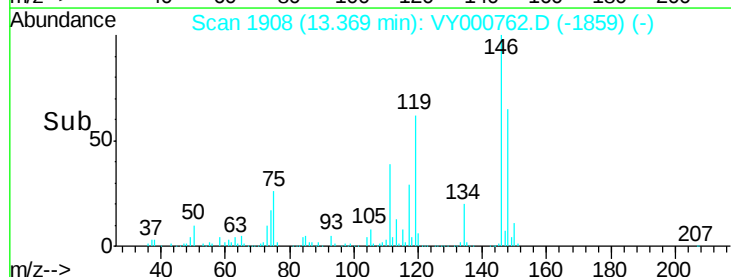
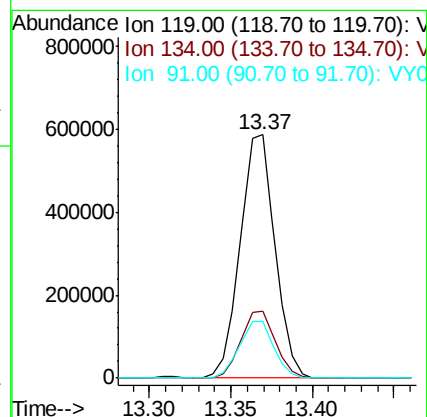
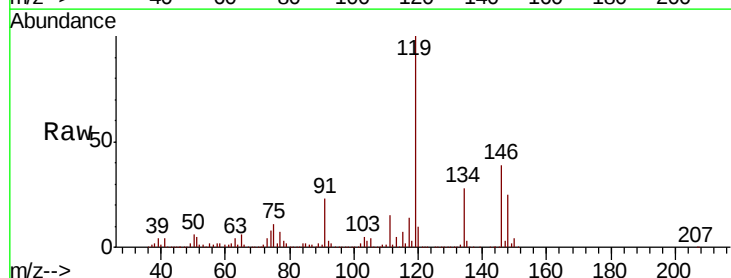
Tgt Ion:119 Resp: 872751

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.8

91 23.3 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 51.847 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

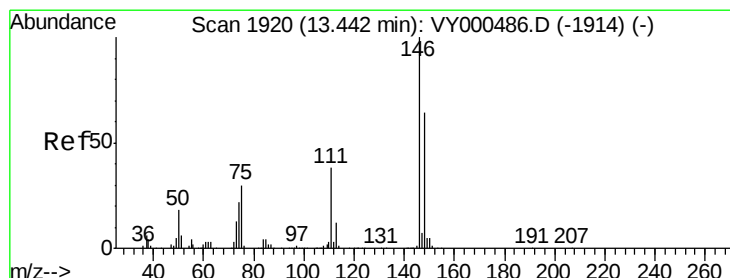
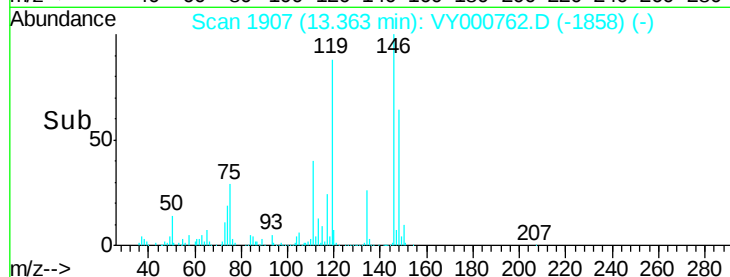
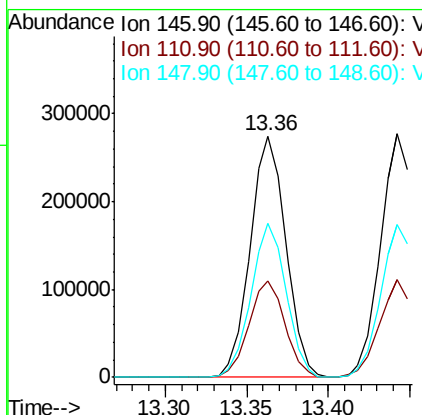
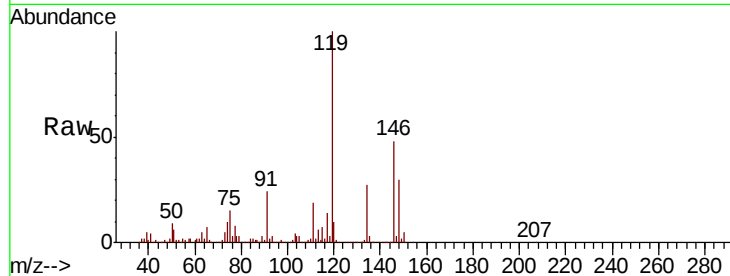
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	62.8	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 51.515 ug/l

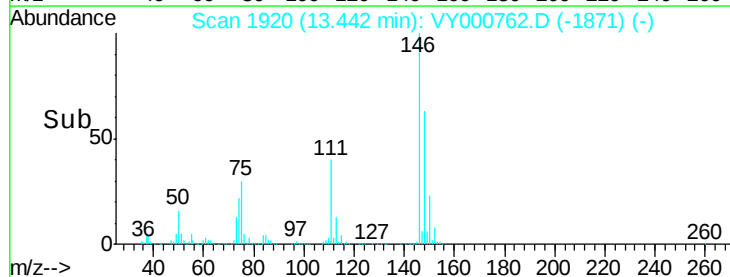
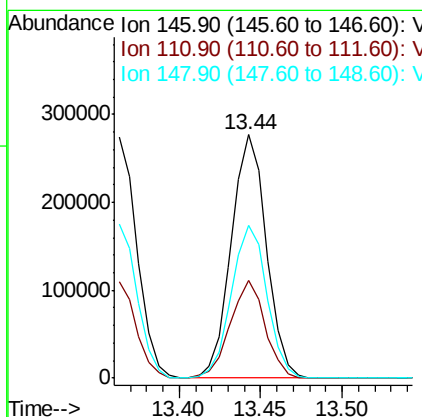
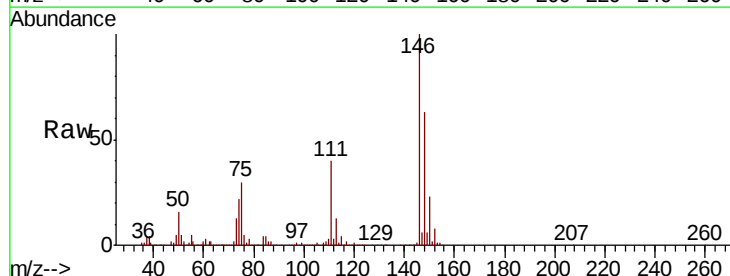
RT: 13.44 min Scan# 1920

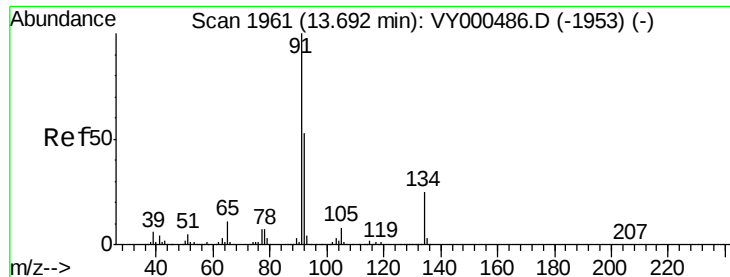
Delta R.T. 0.00 min

Lab File: VY000762.D

Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.0
148	63.7	31.9	95.7





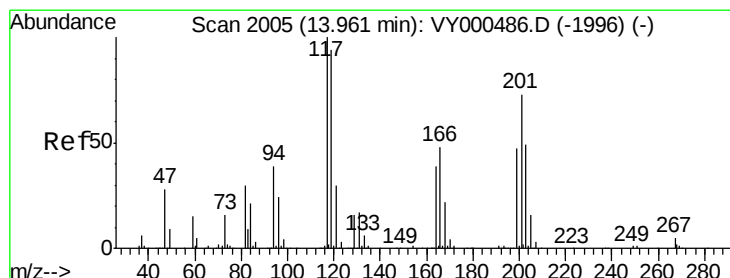
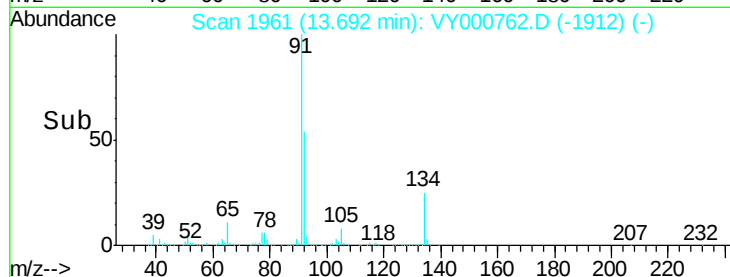
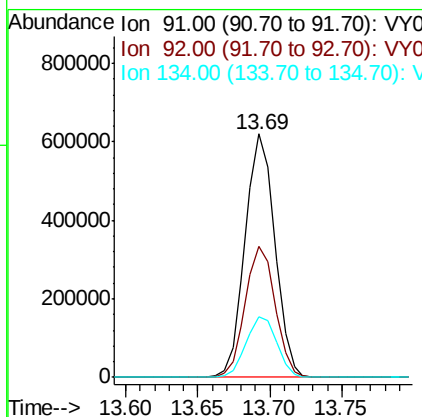
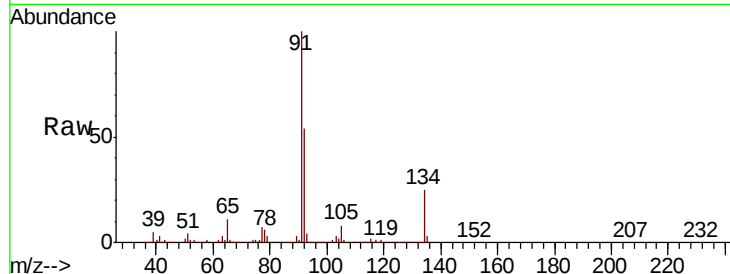
#89
n-Butylbenzene
Concen: 54.787 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.3
134	25.7	12.9	38.7

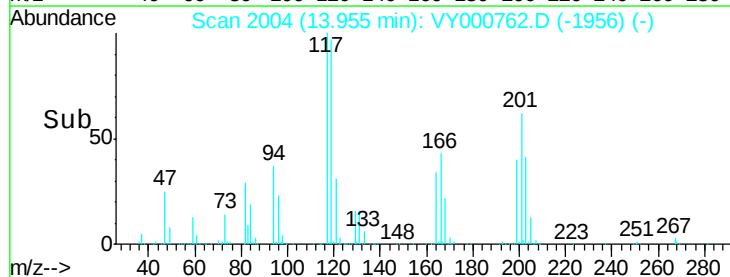
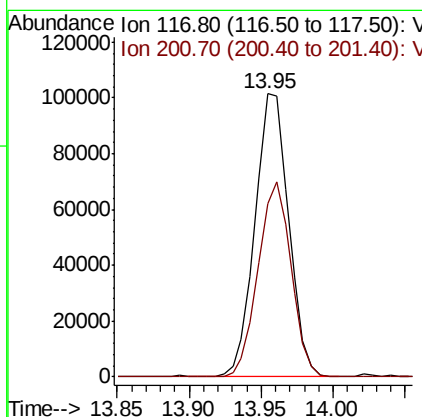
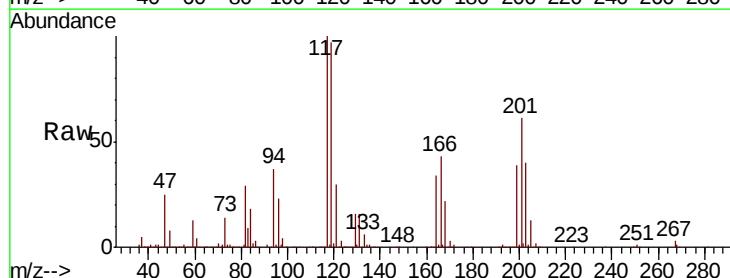
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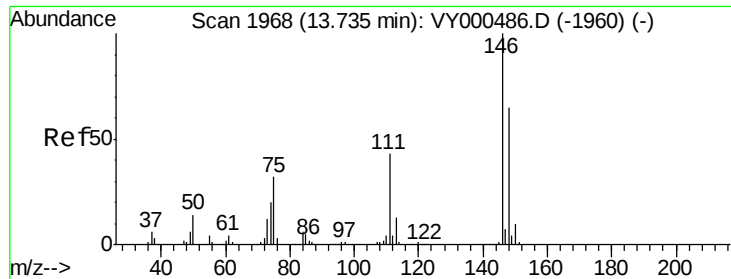
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#90
Hexachloroethane
Concen: 54.044 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.7	35.8	107.3





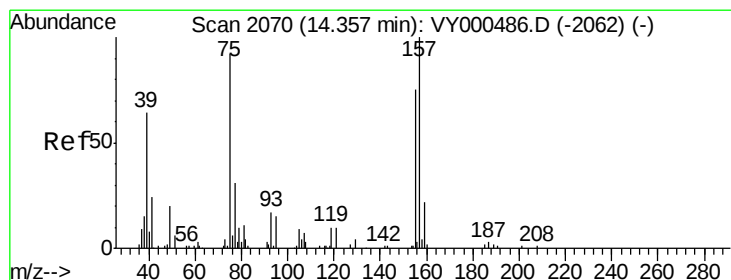
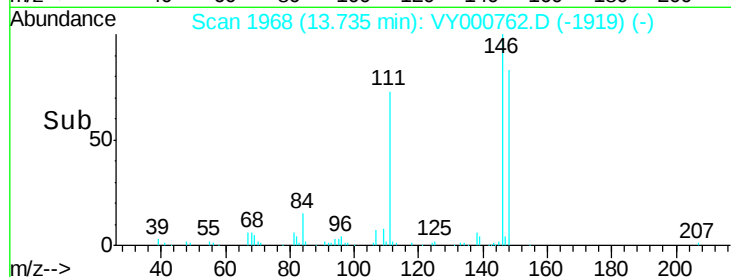
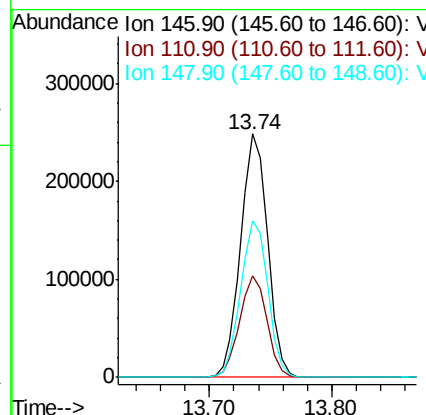
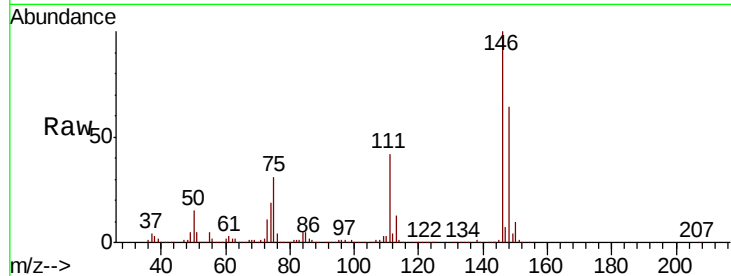
#91
 1,2-Dichlorobenzene
 Concen: 51.817 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.5	61.5
148	64.8	31.7	95.1

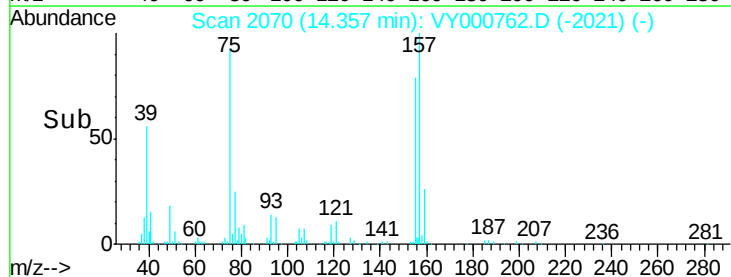
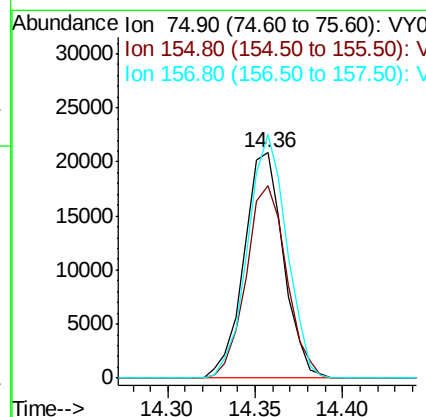
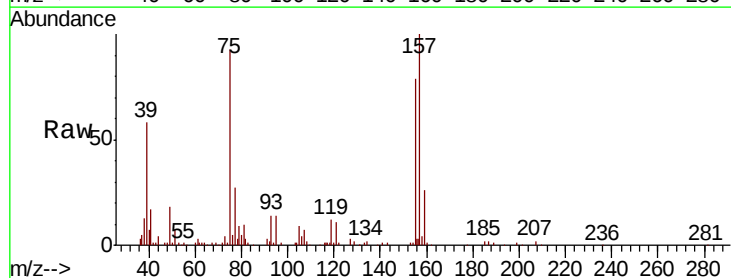
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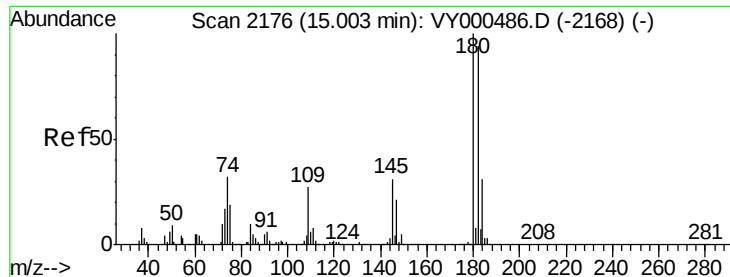
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.650 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	42.4	127.1
157	106.7	55.1	165.3





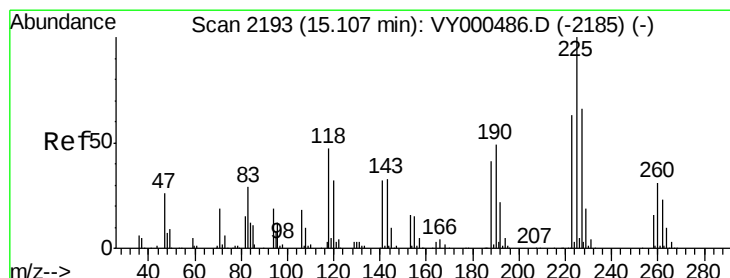
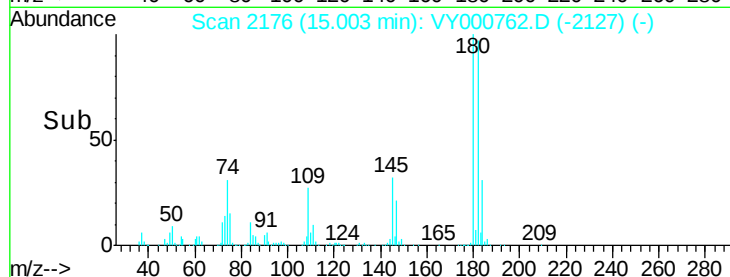
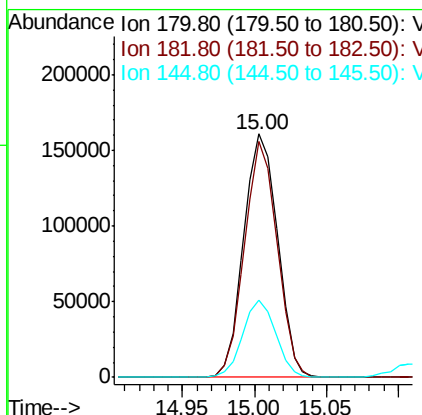
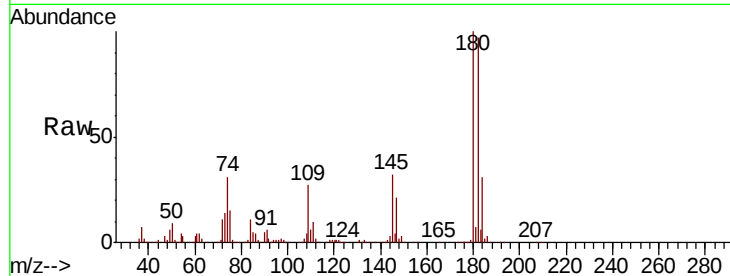
#93
 1,2,4-Trichlorobenzene
 Concen: 52.580 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	261828		
182	93.5	47.8	143.4	
145	30.8	16.0	47.9	

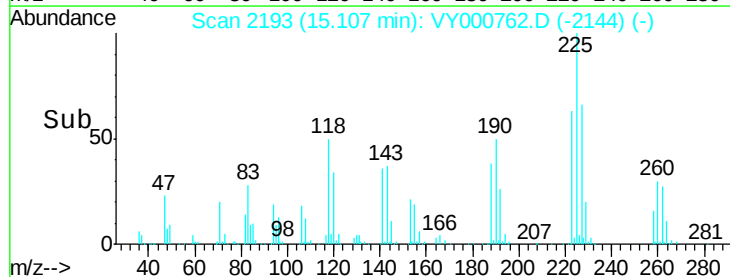
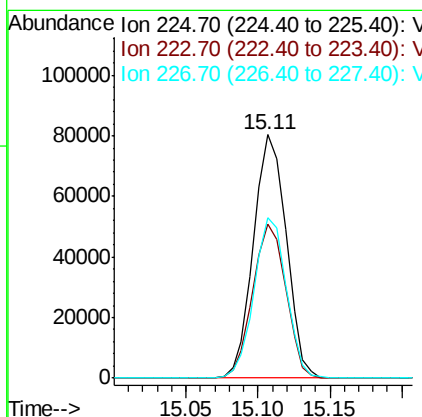
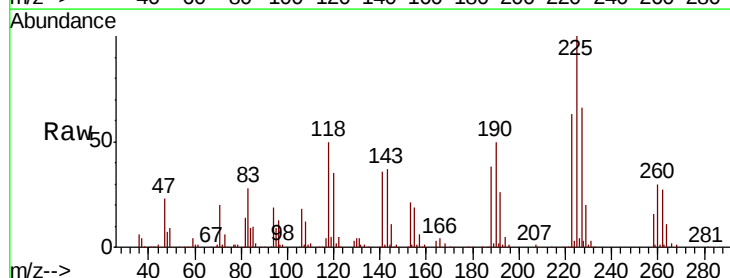
Manual Integrations
 APPROVED

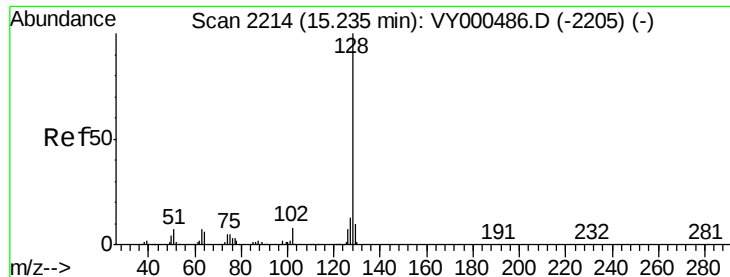
MMDadoda
 11/23/2019 6:11:07 AM



#94
 Hexachlorobutadiene
 Concen: 49.306 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000762.D
 Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	126563		
223	63.7	31.3	93.8	
227	64.9	32.4	97.0	





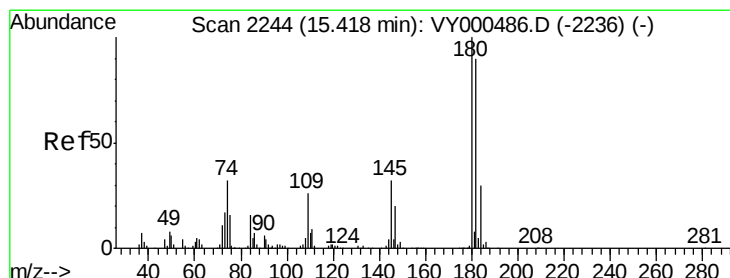
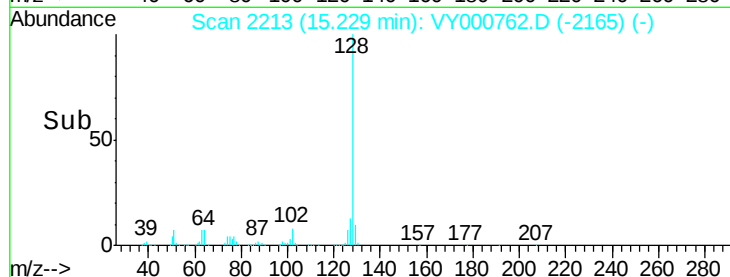
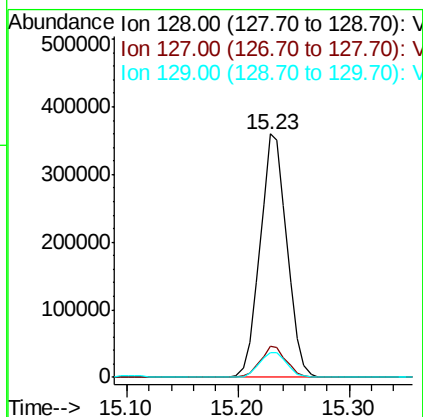
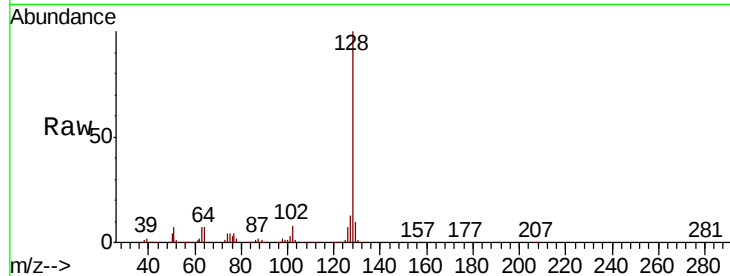
#95
Naphthalene
Concen: 54.653 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	604162		
127	12.3		9.8	14.6
129	10.6		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2019 6:11:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.503 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY000762.D
Acq: 21 Nov 2019 12:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230091		
182	94.1		47.4	142.3
145	33.6		15.7	47.0

