

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000925.D
 Acq On : 09 Dec 2019 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 12/10/2019 4:09:03 PM

Quant Time: Dec 10 08:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	519099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	162597	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.73	113	156702	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.18	98	633987	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.48	95	226869	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	130562	41.999	ug/l	96
3) Chloromethane	2.12	50	173800	45.355	ug/l	99
4) Vinyl Chloride	2.25	62	175824	46.556	ug/l	100
5) Bromomethane	2.65	94	115567	50.968	ug/l	97
6) Chloroethane	2.79	64	113462	49.001	ug/l	97
7) Trichlorofluoromethane	3.13	101	254130	49.101	ug/l	98
8) Diethyl Ether	3.54	74	106889	54.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	159696	49.964	ug/l	99
10) Methyl Iodide	4.10	142	207954	51.676	ug/l	98
11) Tert butyl alcohol	4.97	59	85864	278.124	ug/l	99
12) 1,1-Dichloroethene	3.88	96	156626	49.465	ug/l	94
13) Acrolein	3.74	56	78578	258.383	ug/l	99
14) Allyl chloride	4.49	41	281605	51.868	ug/l	99
15) Acrylonitrile	5.18	53	281829	280.176	ug/l	98
16) Acetone	3.96	43	196508	279.157	ug/l	99
17) Carbon Disulfide	4.19	76	487095	47.564	ug/l	97
18) Methyl Acetate	4.49	43	162008	55.042	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	471679	55.778	ug/l	99
20) Methylene Chloride	4.72	84	200758	54.104	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	183983	51.121	ug/l	96
22) Diisopropyl ether	6.13	45	615095	55.122	ug/l	96
23) Vinyl Acetate	6.07	43	1889880	278.585	ug/l	99
24) 1,1-Dichloroethane	6.03	63	325425	52.912	ug/l	99
25) 2-Butanone	7.00	43	355660	273.510	ug/l	99
26) 2,2-Dichloropropane	6.99	77	248333	47.974	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	211293	54.313	ug/l	98
28) Bromochloromethane	7.35	49	133879	58.992	ug/l	93
29) Tetrahydrofuran	7.36	42	252408	292.924	ug/l	100
30) Chloroform	7.52	83	318126	51.562	ug/l	95
31) Cyclohexane	7.79	56	311575	47.822	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	265740	52.160	ug/l	98
36) 1,1-Dichloropropene	7.93	75	253555	49.125	ug/l	98
37) Ethyl Acetate	7.08	43	158659	53.237	ug/l	99
38) Carbon Tetrachloride	7.91	117	225716	49.105	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	326974	47.815	ug/l	99
40) Benzene	8.17	78	772007	51.350	ug/l	98
41) Methacrylonitrile	7.32	41	71099m	45.264	ug/l	
42) 1,2-Dichloroethane	8.25	62	207340	52.440	ug/l	99
43) Isopropyl Acetate	8.28	43	298395	53.131	ug/l	100
44) Trichloroethene	8.94	130	198955	51.492	ug/l	99
45) 1,2-Dichloropropane	9.22	63	202381	53.592	ug/l	95
46) Dibromomethane	9.31	93	105059	53.245	ug/l	99
47) Bromodichloromethane	9.50	83	249423	53.811	ug/l	99
48) Methyl methacrylate	9.30	41	129688	52.513	ug/l	94
49) 1,4-Dioxane	9.30	88	30518	1091.586	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	794629	273.842	ug/l	100
52) Toluene	10.24	92	476291	51.167	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	269870	54.192	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	312453	53.082	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	157502	54.029	ug/l	96
56) Ethyl methacrylate	10.51	69	233056	55.886	ug/l	98
57) 1,3-Dichloropropane	10.79	76	278113	54.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	460992	274.158	ug/l	99
59) 2-Hexanone	10.83	43	551003	260.588	ug/l	100
60) Dibromochloromethane	10.99	129	172752	55.048	ug/l	98
61) 1,2-Dibromoethane	11.08	107	152112	55.367	ug/l	99
64) Tetrachloroethene	10.72	164	207226	49.560	ug/l	99
65) Chlorobenzene	11.51	112	500631	50.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	180273	53.473	ug/l	98
67) Ethyl Benzene	11.59	91	930557	49.947	ug/l	99
68) m/p-Xylenes	11.70	106	691059	98.822	ug/l	100
69) o-Xylene	12.02	106	329773	50.577	ug/l	99
70) Styrene	12.04	104	583908	52.300	ug/l	99
71) Bromoform	12.20	173	101168	53.207	ug/l #	100
73) Isopropylbenzene	12.33	105	888165	49.639	ug/l	99
74) N-amyl acetate	12.14	43	263500	52.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	183781	52.129	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	149948m	58.895	ug/l	
77) Bromobenzene	12.60	156	197598	50.948	ug/l	99
78) n-propylbenzene	12.67	91	1074661	49.190	ug/l	99
79) 2-Chlorotoluene	12.75	91	599232	49.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	735556	49.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66790	51.529	ug/l	98
82) 4-Chlorotoluene	12.85	91	634043	50.990	ug/l	99
83) tert-Butylbenzene	13.07	119	613034	49.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	750363	50.626	ug/l	99
85) sec-Butylbenzene	13.25	105	896173	49.473	ug/l	100
86) p-Isopropyltoluene	13.36	119	780093	49.513	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	386730	50.829	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	388495	51.569	ug/l	99
89) n-Butylbenzene	13.69	91	799003	50.158	ug/l	99
90) Hexachloroethane	13.95	117	149226	51.416	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	354964	51.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31961	54.151	ug/l	97

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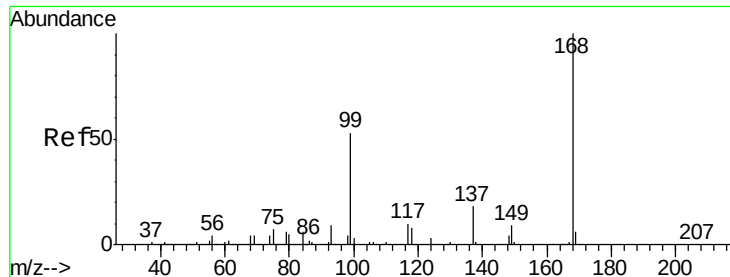
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	240031	51.832	ug/l	99
94) Hexachlorobutadiene	15.11	225	115248	50.195	ug/l	97
95) Naphthalene	15.23	128	579133	53.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	219074	52.962	ug/l	98

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



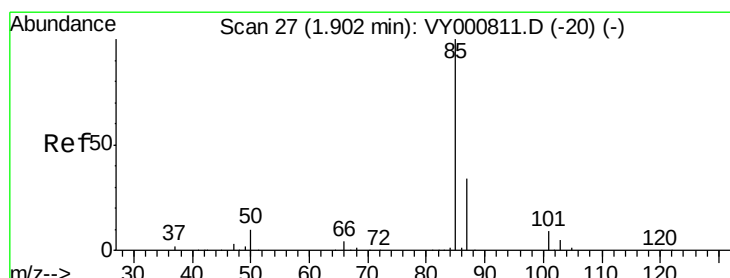
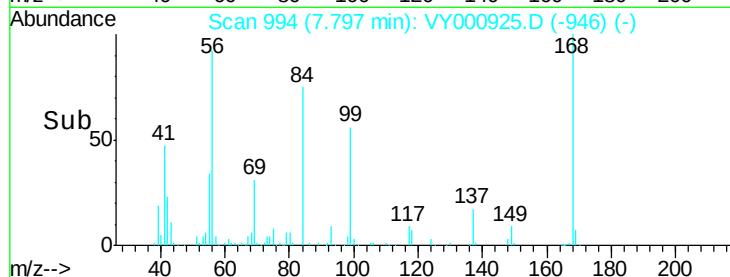
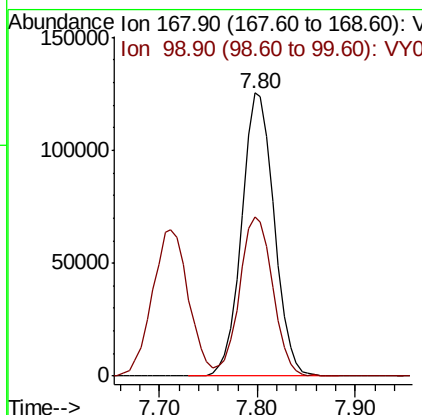
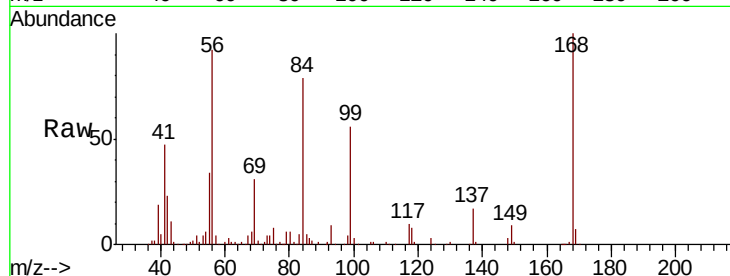
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
99	56.2	45.0	67.6	

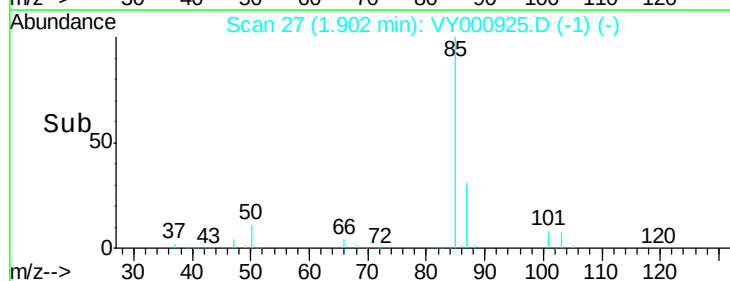
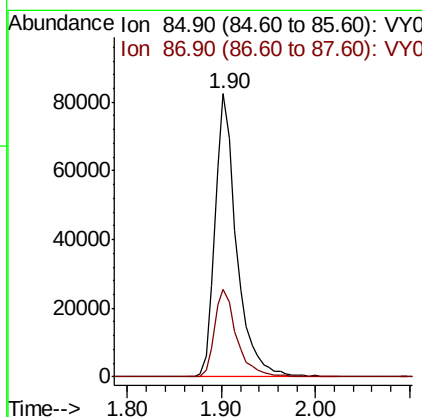
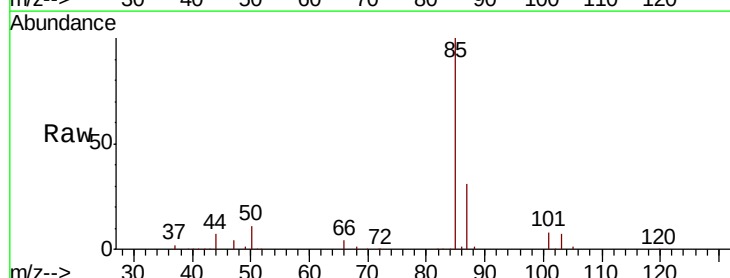
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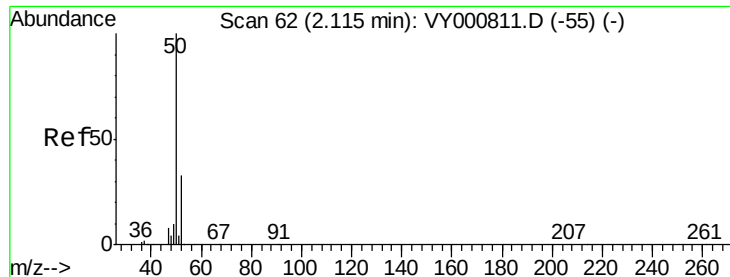
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#2
 Dichlorodifluoromethane
 Concen: 41.999 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	31.1	16.8	50.3	





#3

Chloromethane

Concen: 45.355 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 173800

Ion Ratio Lower Upper

50 100

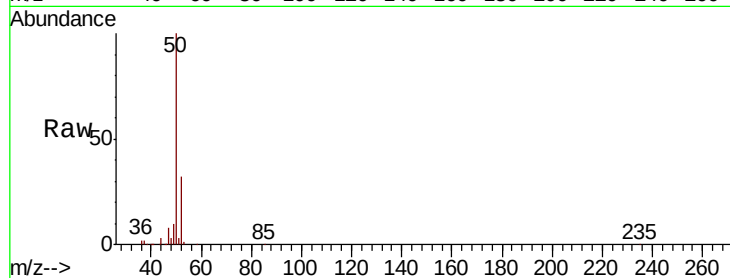
52 31.7 26.0 39.0

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

120000

100000

80000

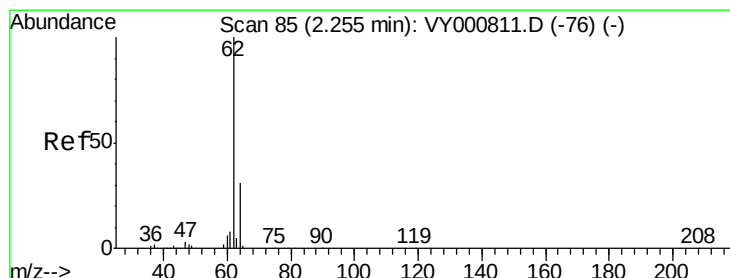
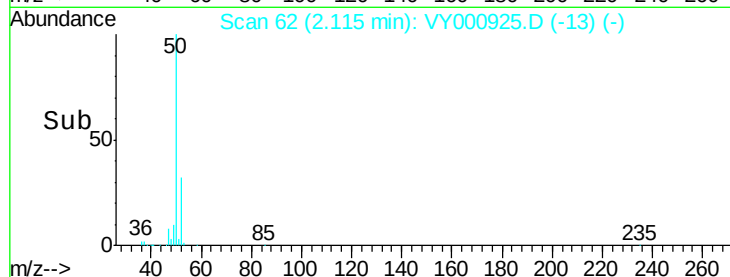
60000

40000

20000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 46.556 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000925.D

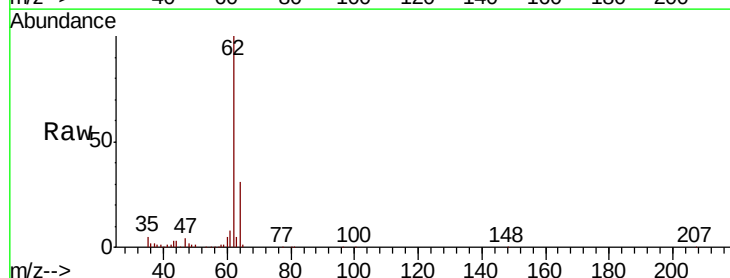
Acq: 09 Dec 2019 20:08

Tgt Ion: 62 Resp: 175824

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

120000

100000

80000

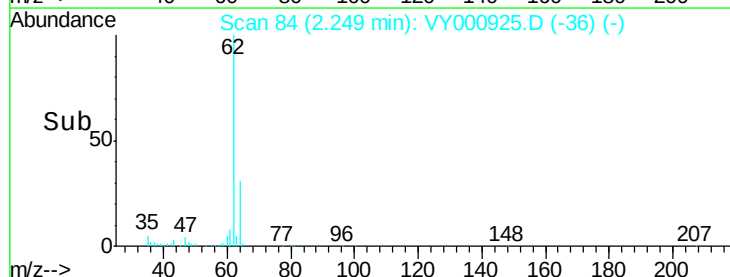
60000

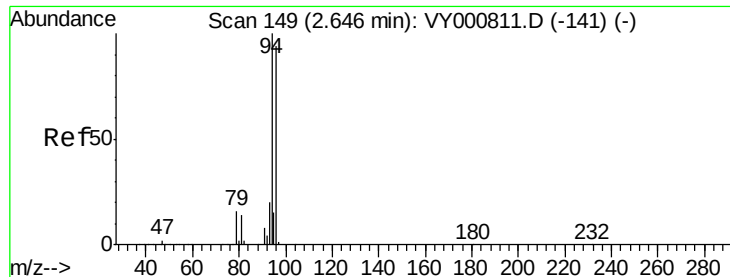
40000

20000

0

Time--> 2.15 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 50.968 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 115567

Ion Ratio Lower Upper

94 100

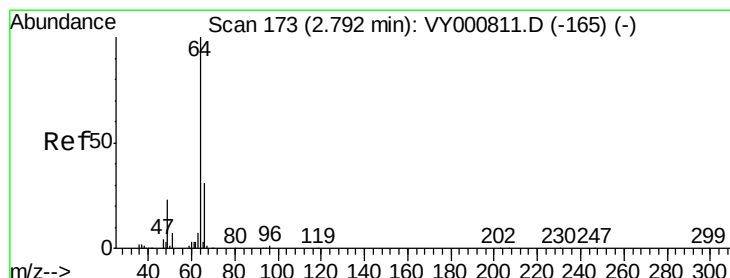
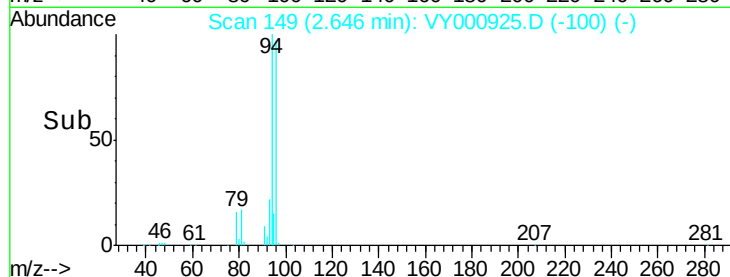
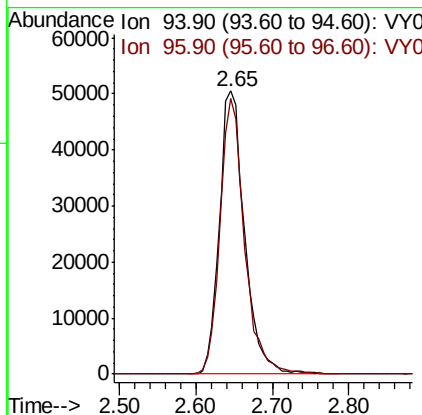
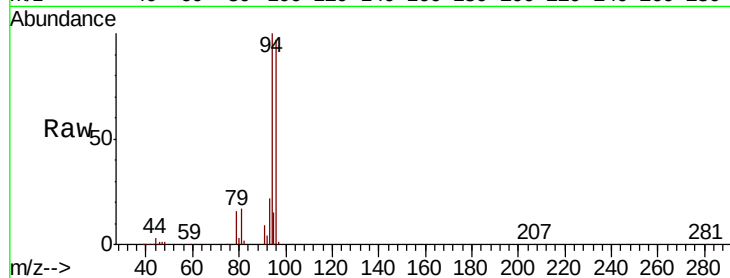
96 97.3 75.2 112.8

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#6

Chloroethane

Concen: 49.001 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000925.D

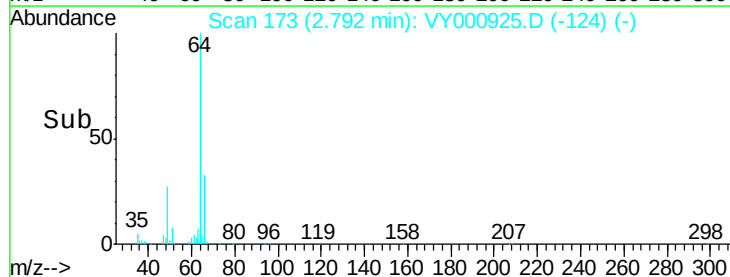
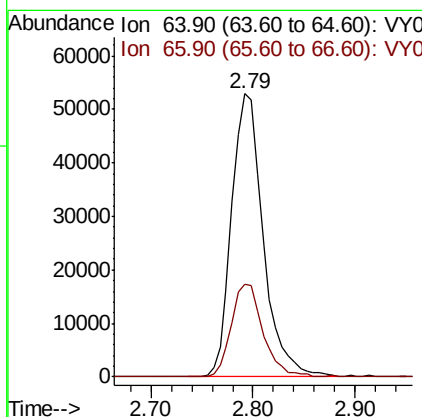
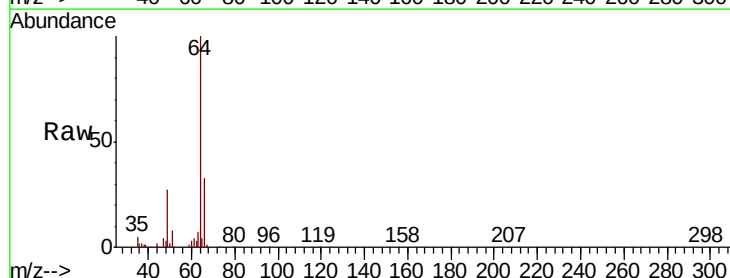
Acq: 09 Dec 2019 20:08

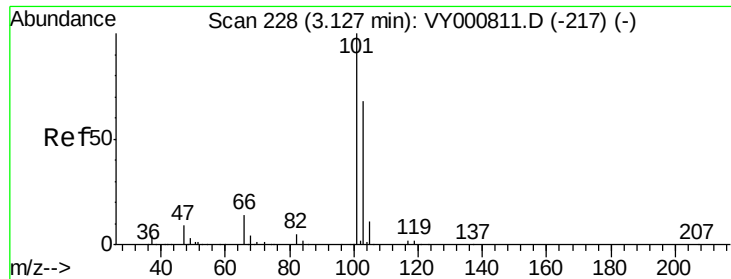
Tgt Ion: 64 Resp: 113462

Ion Ratio Lower Upper

64 100

66 32.7 25.0 37.4





#7

Trichlorofluoromethane

Concen: 49.101 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 254130

Ion Ratio Lower Upper

101 100

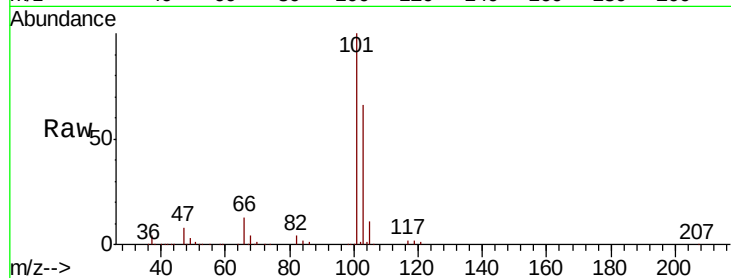
103 65.9 54.2 81.2

Manual Integrations

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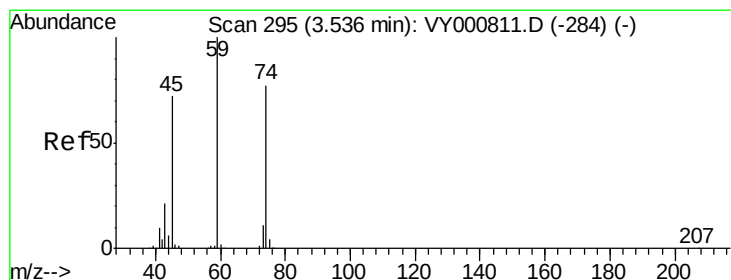
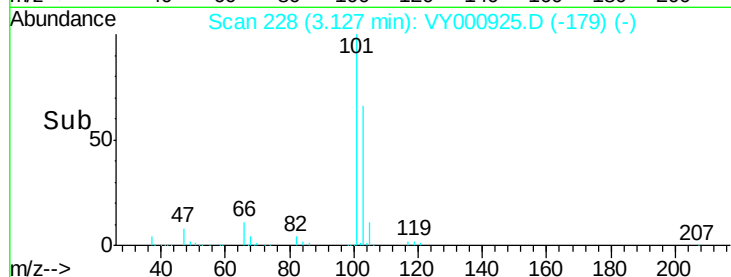
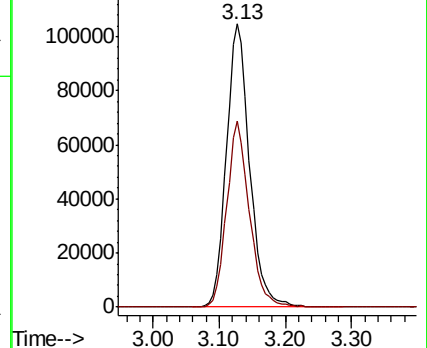
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 54.871 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY000925.D

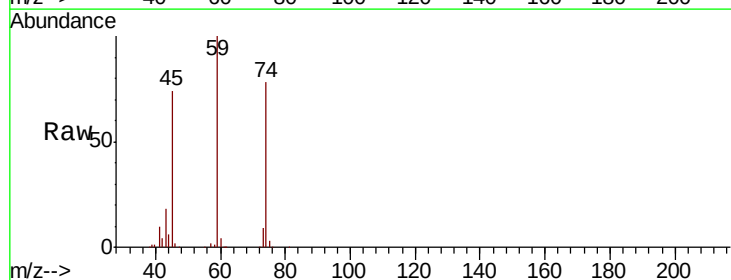
Acq: 09 Dec 2019 20:08

Tgt Ion: 74 Resp: 106889

Ion Ratio Lower Upper

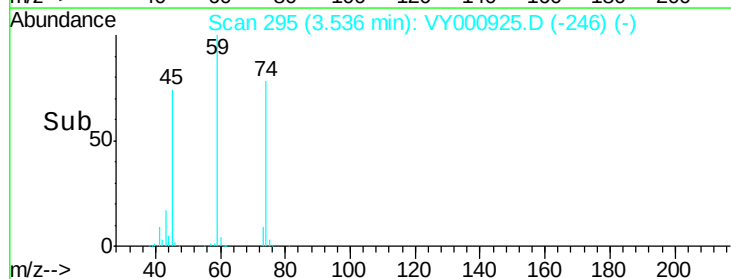
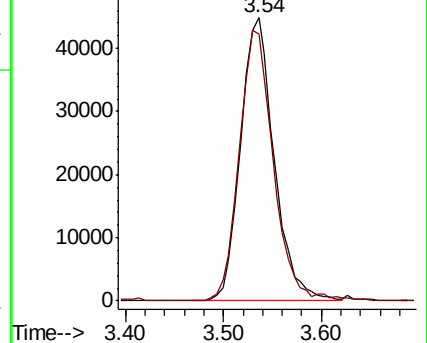
74 100

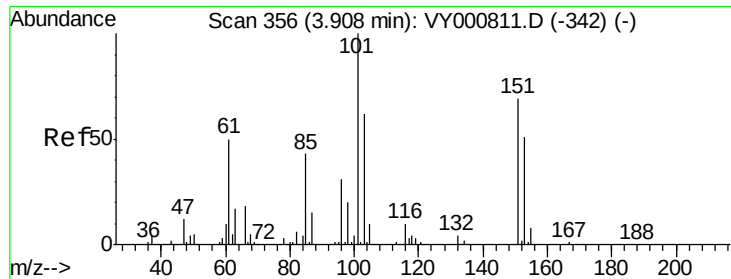
45 97.5 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.964 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000925.D

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Instrument :

MSVOA_Y

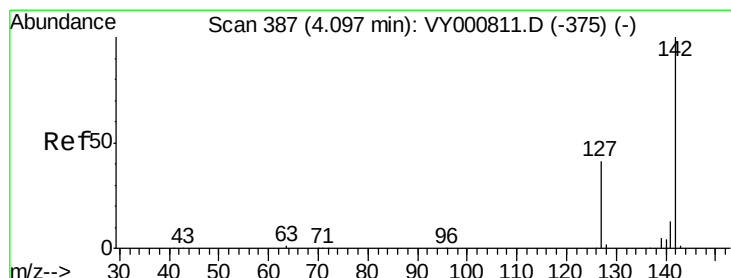
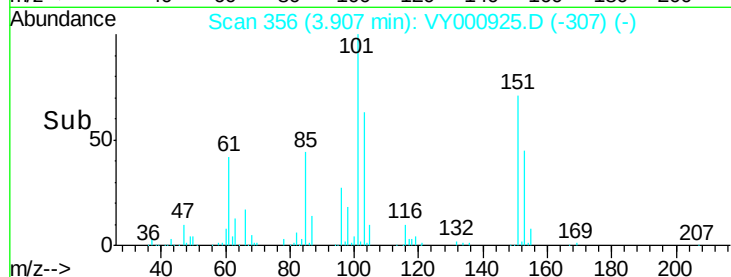
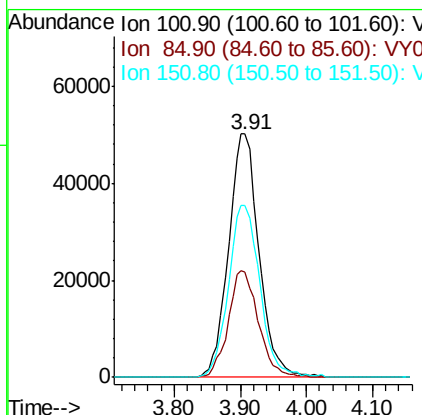
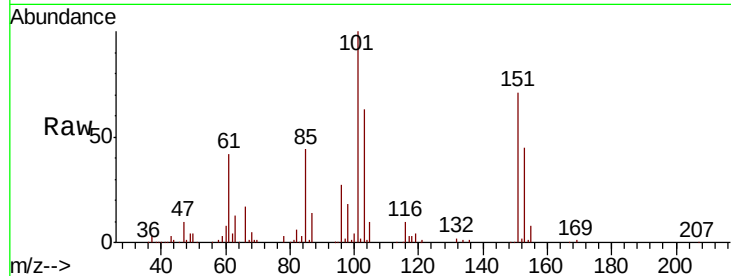
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	159696
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	73.3	58.2	87.2

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#10

Methyl Iodide

Concen: 51.676 ug/l

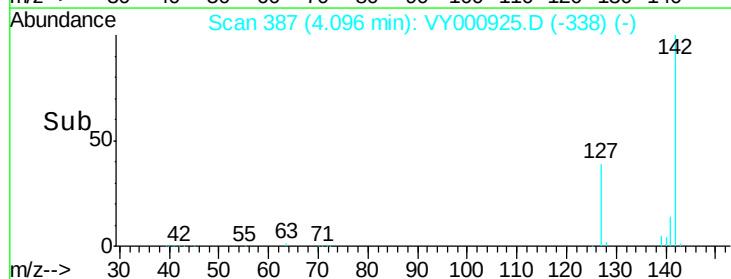
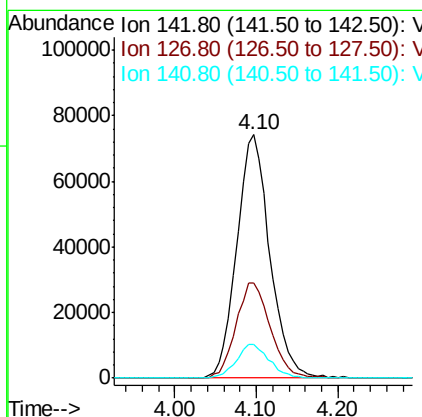
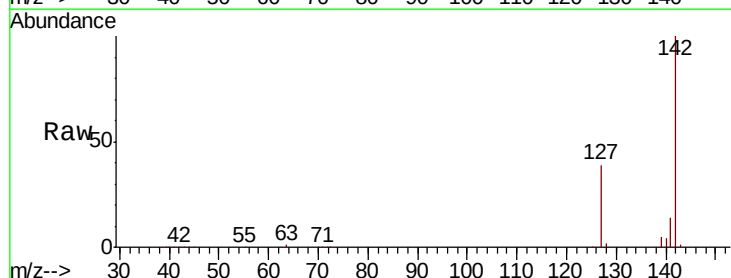
RT: 4.10 min Scan# 387

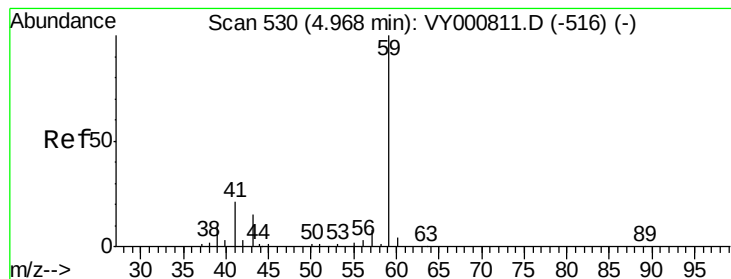
Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	142	Resp:	207954
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.8	50.8
141	13.7	10.9	16.3





#11

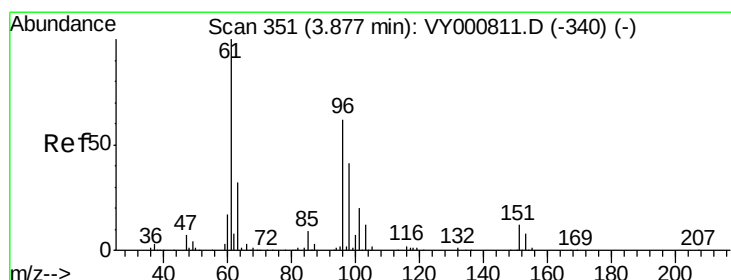
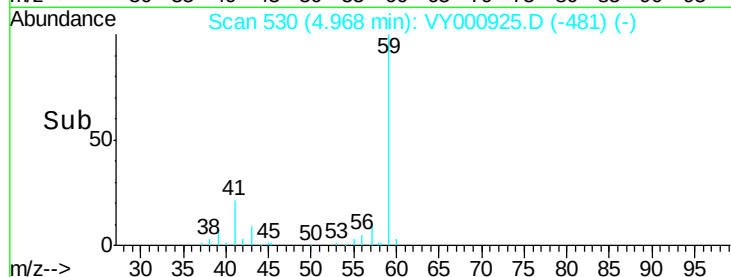
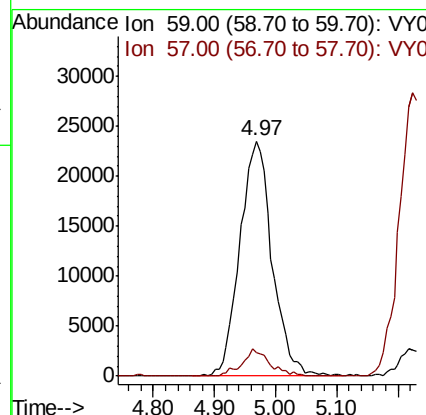
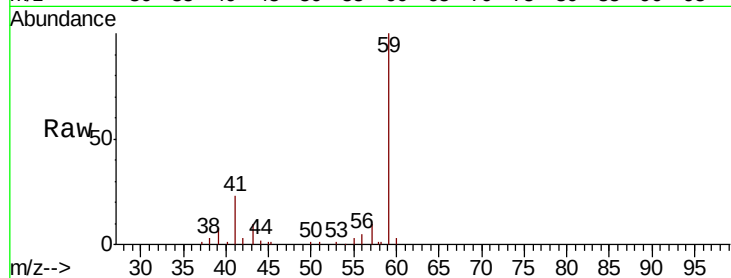
Tert butyl alcohol
Concen: 278.124 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.8	11.6

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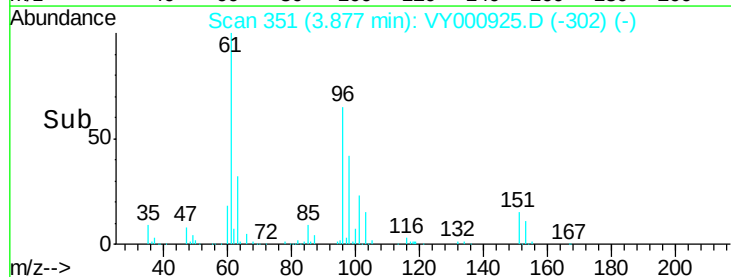
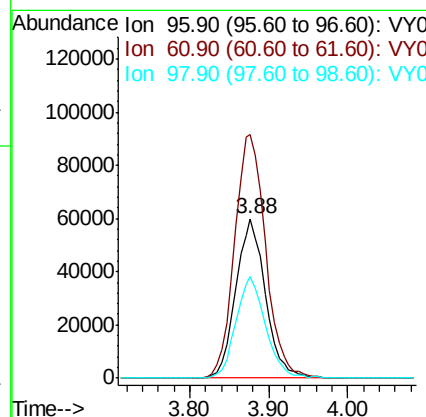
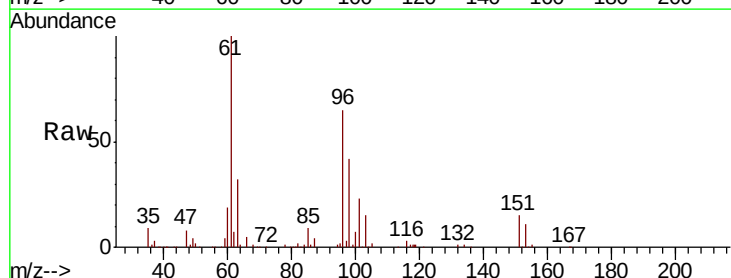
apatel
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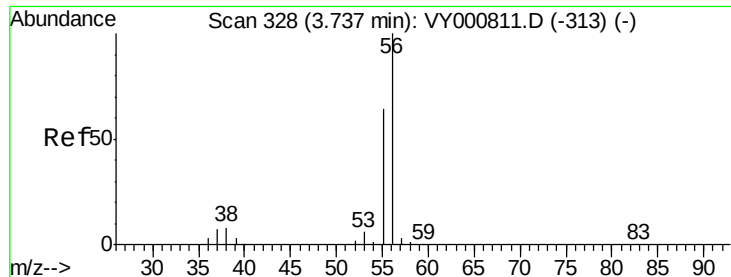


#12

1,1-Dichloroethene
Concen: 49.465 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.8	129.4	194.2
98	64.0	53.4	80.0





#13

Acrolein

Concen: 258.383 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 78578

Ion Ratio Lower Upper

56 100

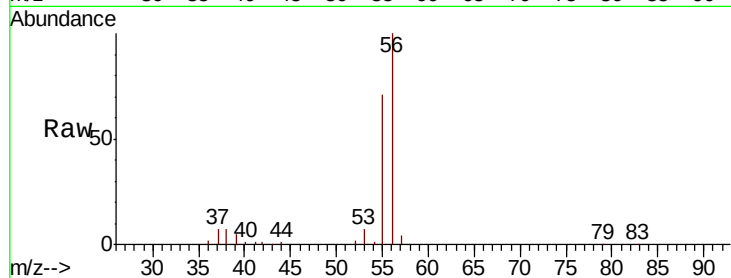
55 70.5 55.7 83.5

Manual Integrations

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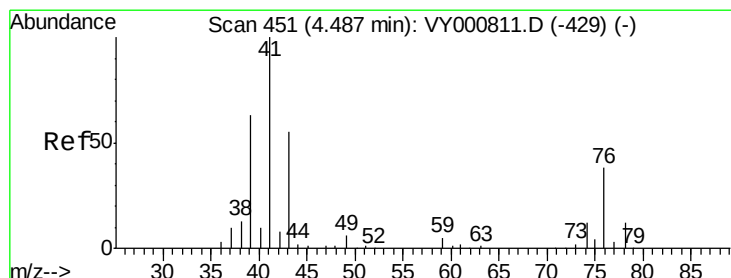
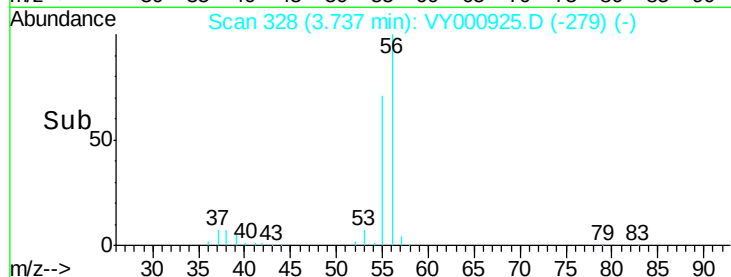
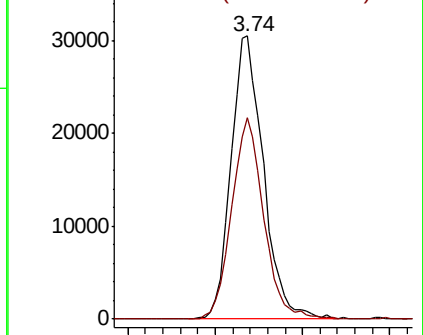
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 51.868 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

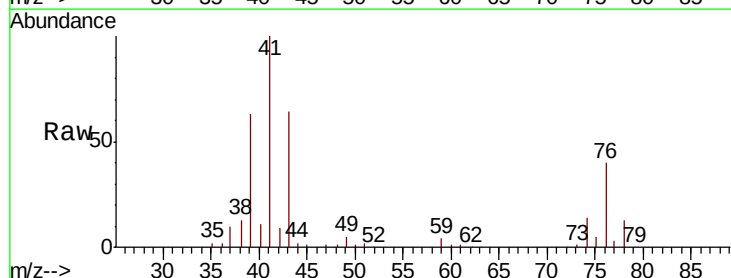
Tgt Ion: 41 Resp: 281605

Ion Ratio Lower Upper

41 100

39 59.9 49.2 73.8

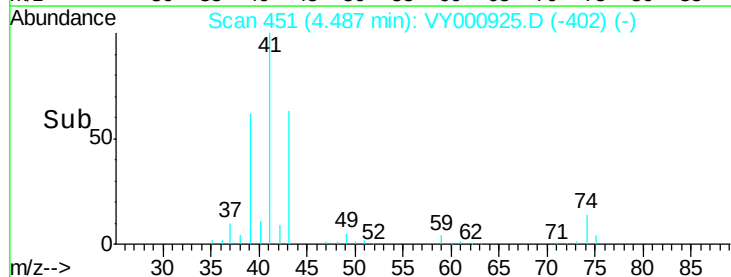
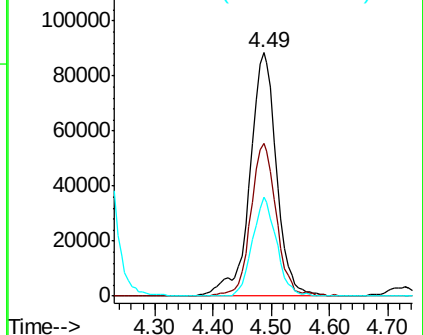
76 36.7 29.2 43.8

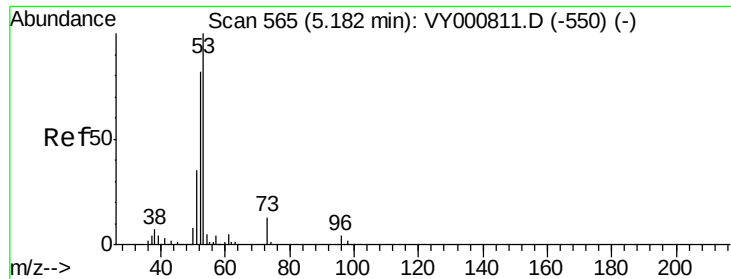


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 280.176 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

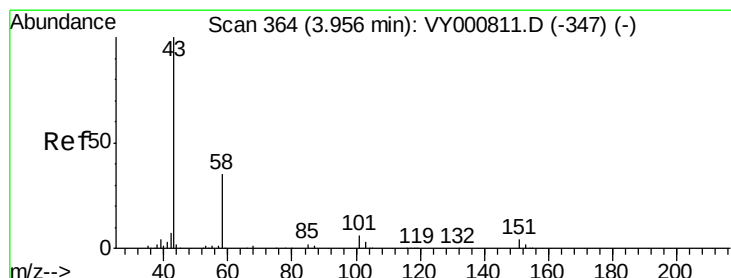
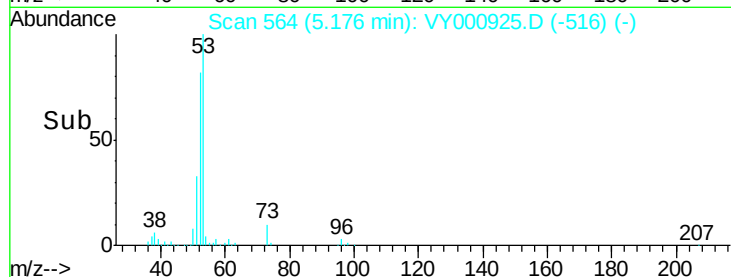
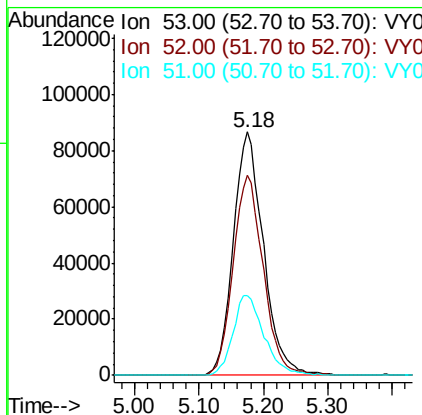
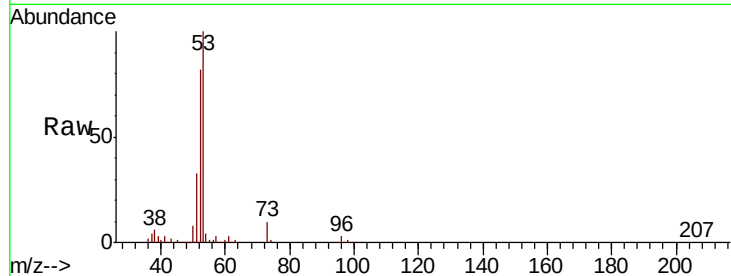
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	281829
Ion Ratio	Lower	Upper	
53	100		
52	82.1	65.1	97.7
51	34.0	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 279.157 ug/l

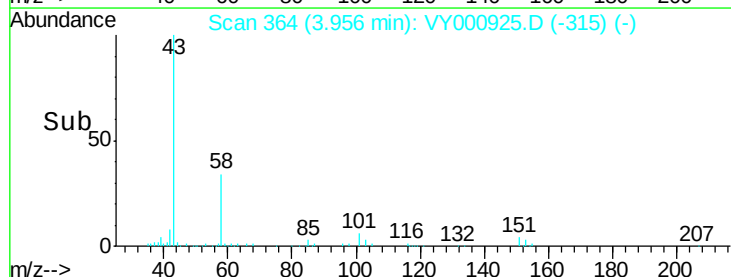
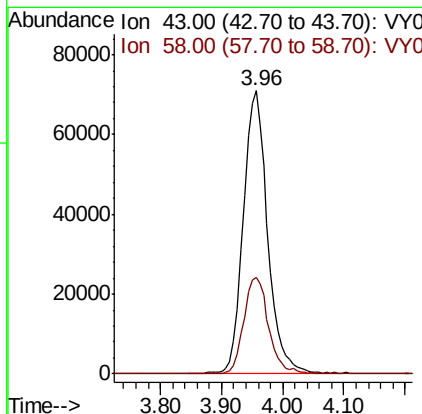
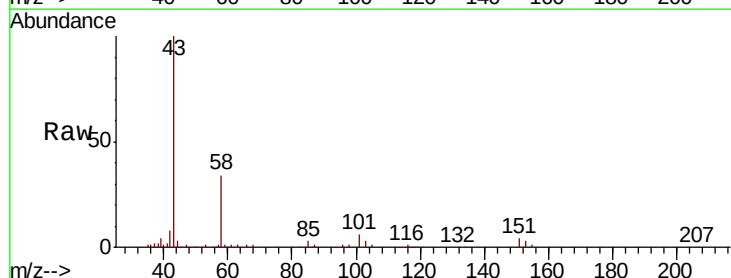
RT: 3.96 min Scan# 364

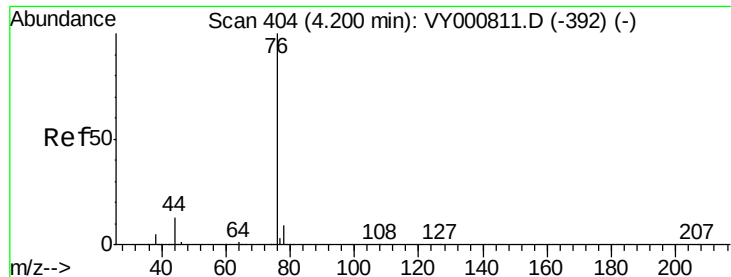
Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	43	Resp:	196508
Ion Ratio	Lower	Upper	
43	100		
58	34.2	28.0	42.0





#17

Carbon Disulfide

Concen: 47.564 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 487095

Ion Ratio Lower Upper

76 100

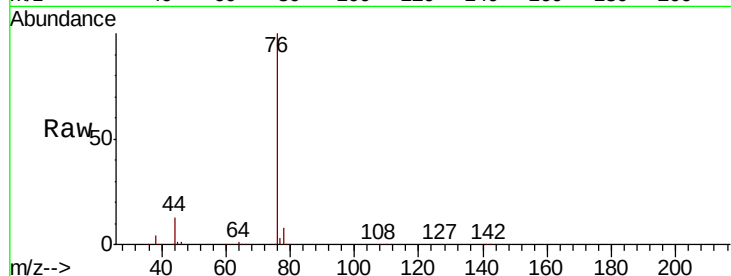
78 8.2 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

200000

150000

100000

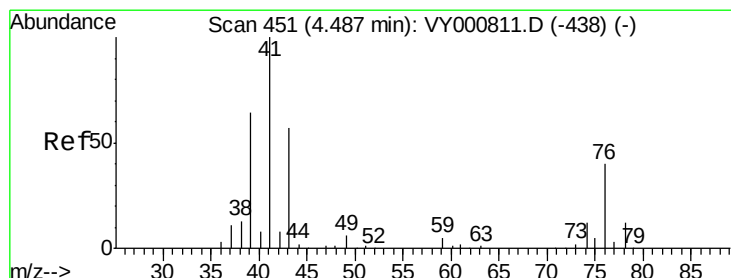
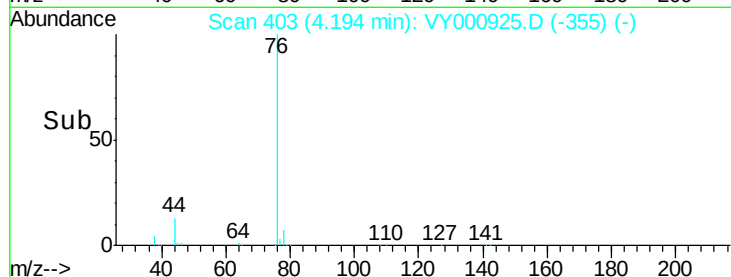
50000

0

4.19

4.10 4.20 4.30 4.40

Time-->



#18

Methyl Acetate

Concen: 55.042 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000925.D

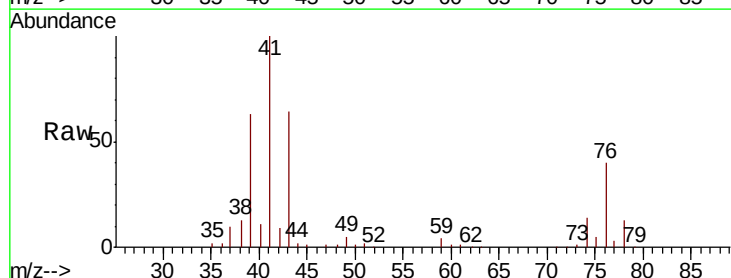
Acq: 09 Dec 2019 20:08

Tgt Ion: 43 Resp: 162008

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

60000

50000

40000

30000

20000

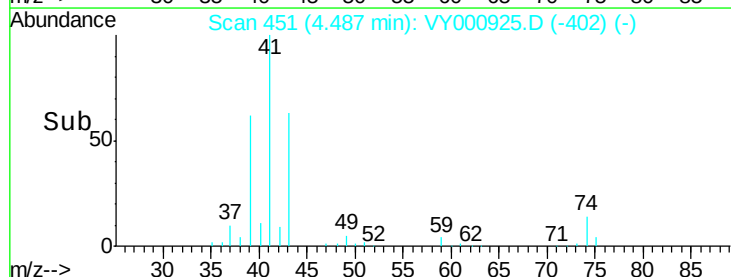
10000

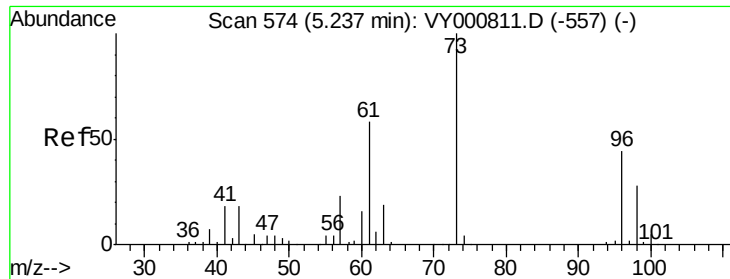
0

4.49

4.40 4.50 4.60

Time-->





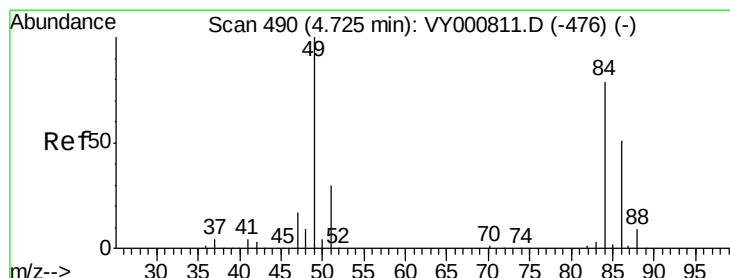
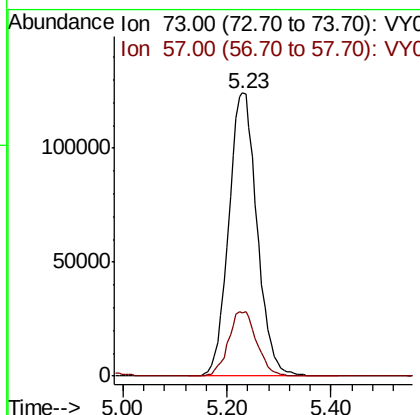
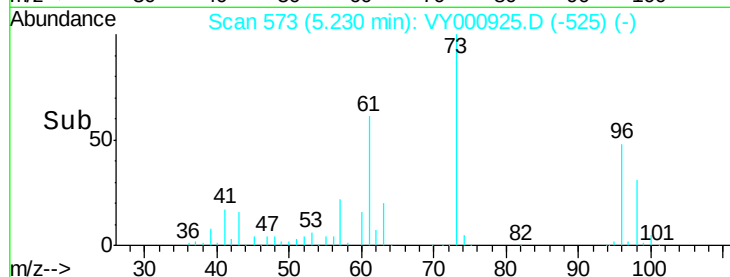
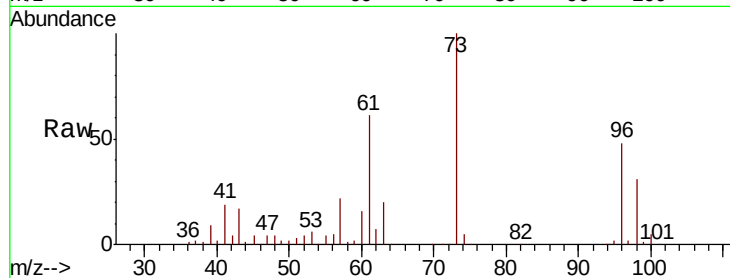
#19
Methyl tert-butyl Ether
Concen: 55.778 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 471679
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.4

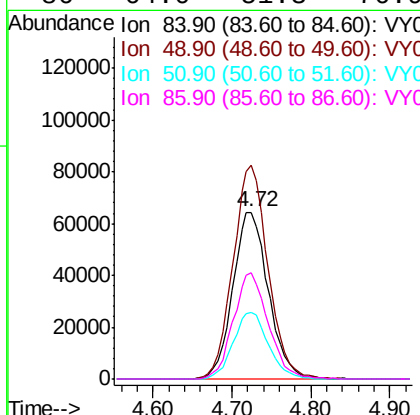
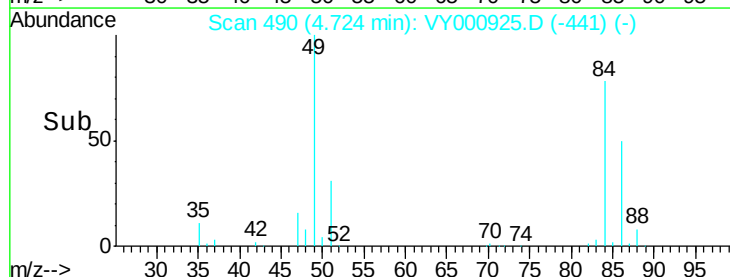
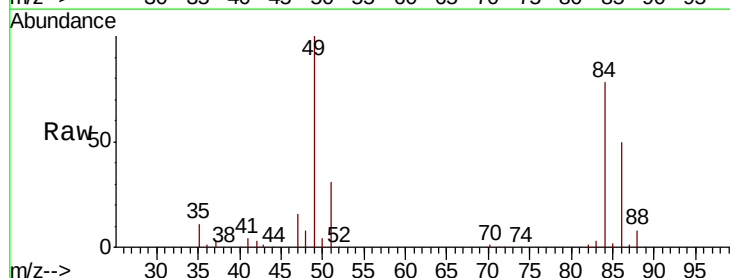
Manual Integrations
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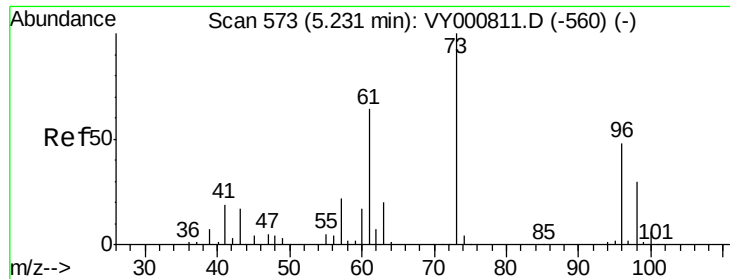
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#20
Methylene Chloride
Concen: 54.104 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion: 84 Resp: 200758
Ion Ratio Lower Upper
84 100
49 128.3 101.3 151.9
51 39.9 30.6 45.8
86 64.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 51.121 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 183983

Ion Ratio Lower Upper

96 100

61 126.4 105.9 158.9

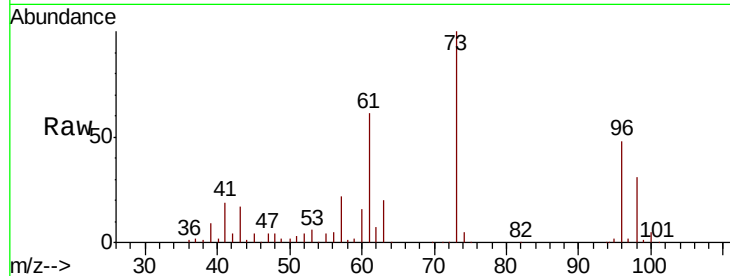
98 63.2 49.4 74.2

Manual Integrations

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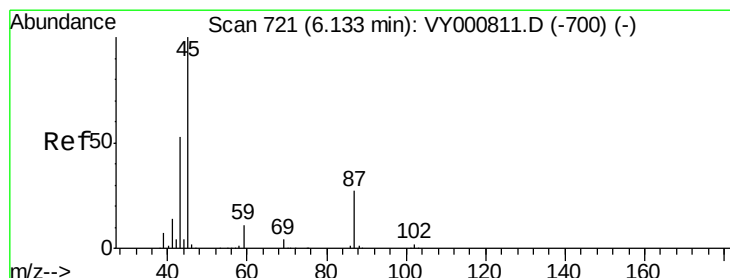
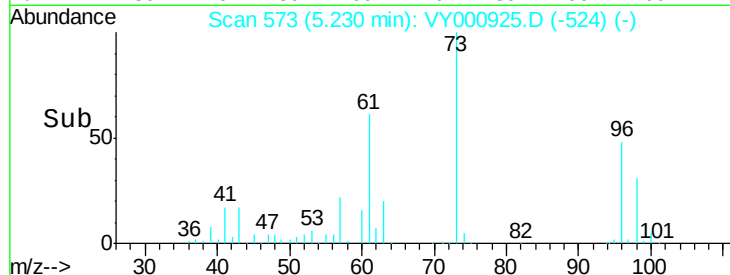
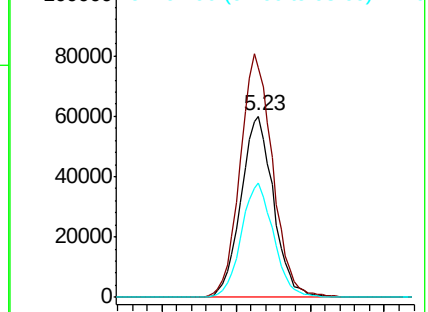


Abundance

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: 55.122 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion: 45 Resp: 615095

Ion Ratio Lower Upper

45 100

43 56.7 42.7 64.1

87 26.0 22.0 33.0

59 10.0 8.9 13.3

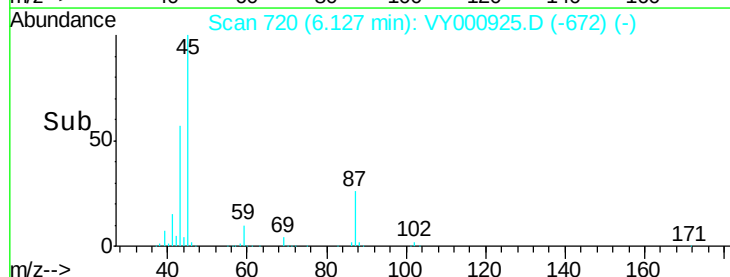
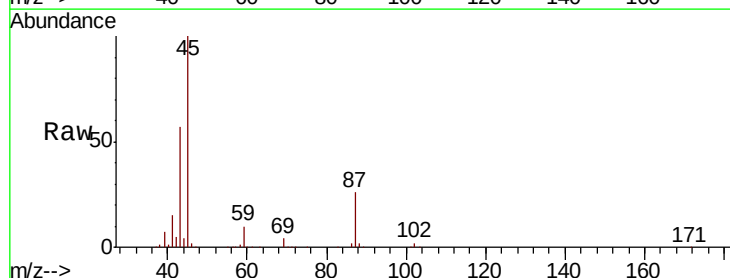
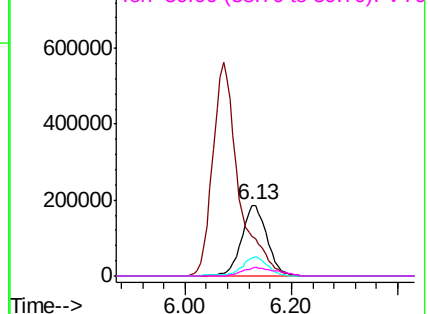
Abundance

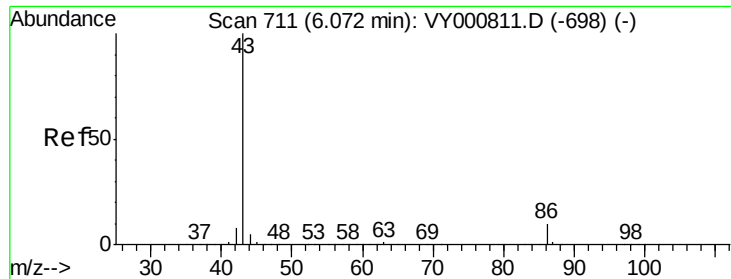
Ion 45.00 (44.70 to 45.70): VY0

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





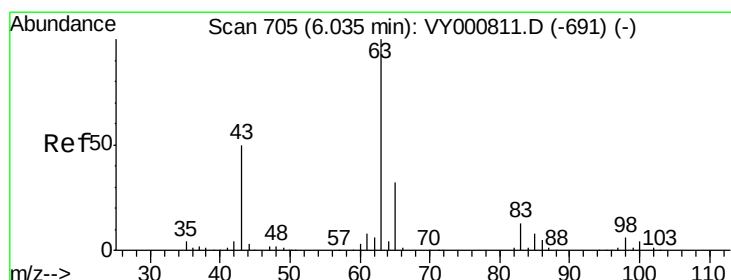
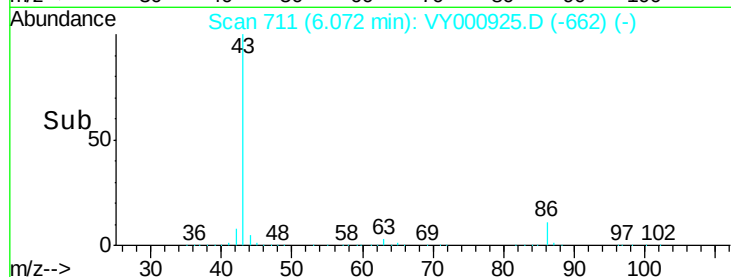
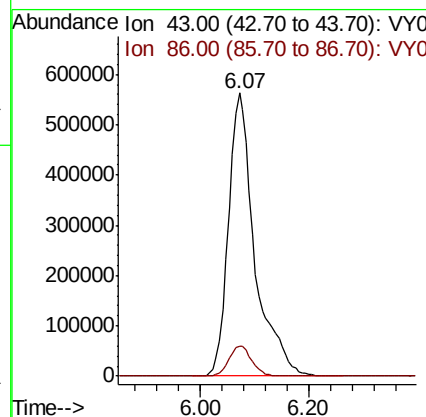
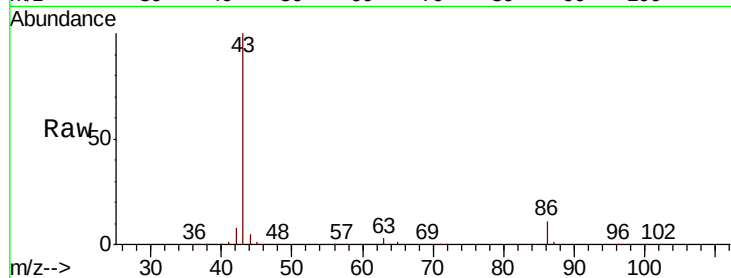
#23
 Vinyl Acetate
 Concen: 278.585 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1889880
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5

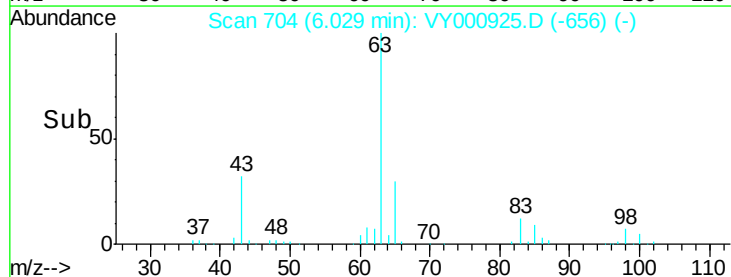
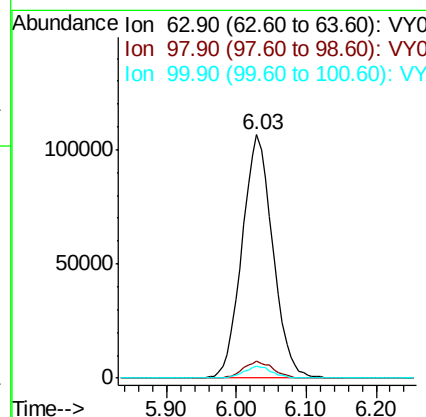
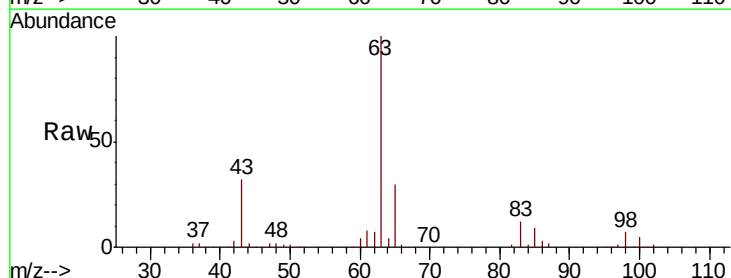
Manual Integrations
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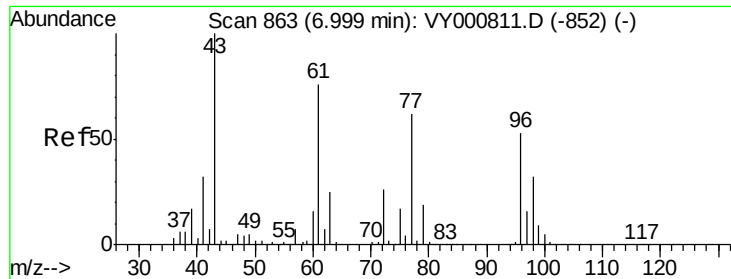
apatel
 12/10/2019 4:09:03 PM



#24
 1,1-Dichloroethane
 Concen: 52.912 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 63 Resp: 325425
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 273.510 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 355660

Ion Ratio Lower Upper

43 100

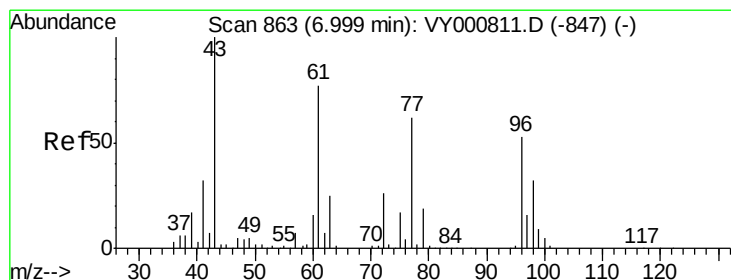
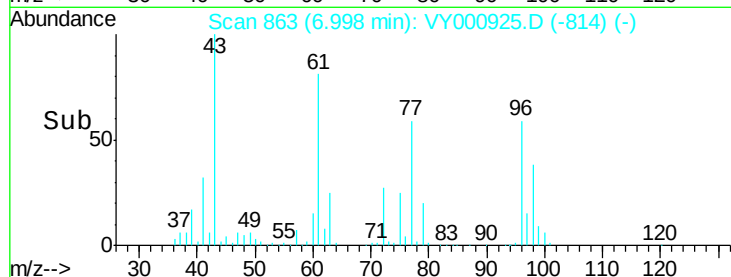
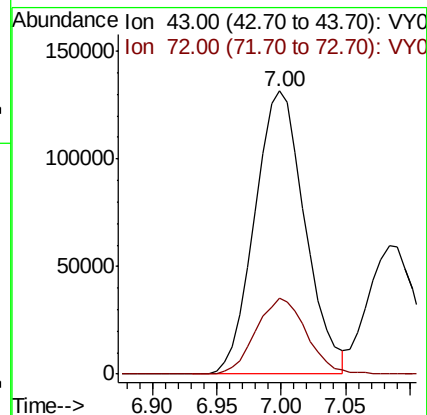
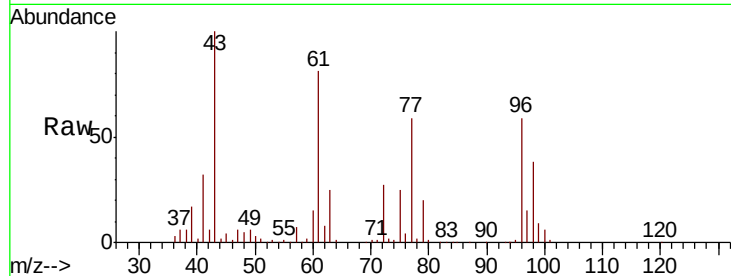
72 26.9 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 47.974 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000925.D

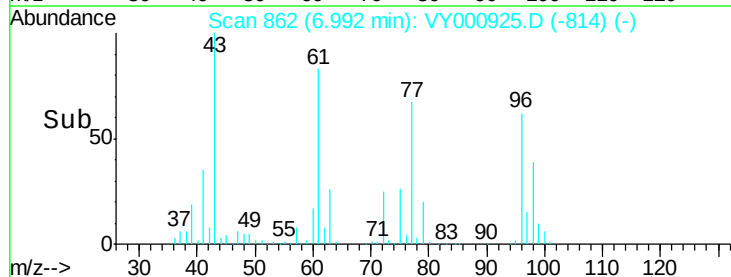
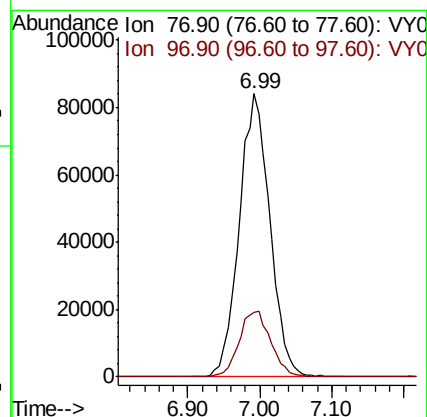
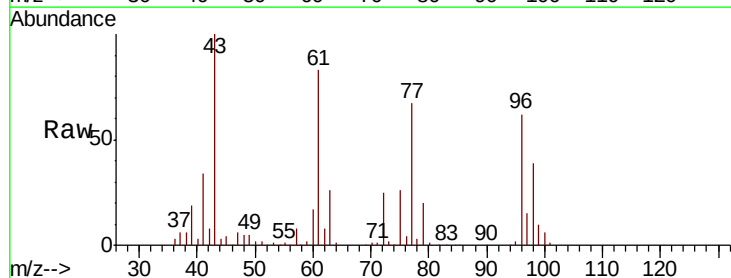
Acq: 09 Dec 2019 20:08

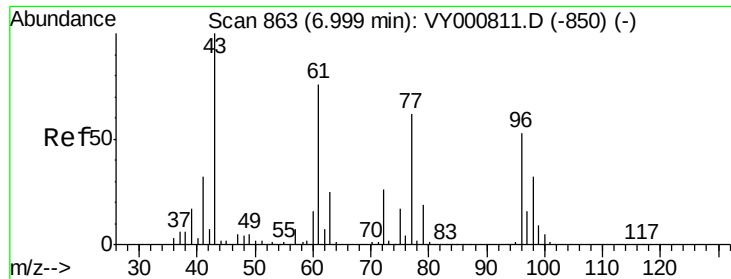
Tgt Ion: 77 Resp: 248333

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

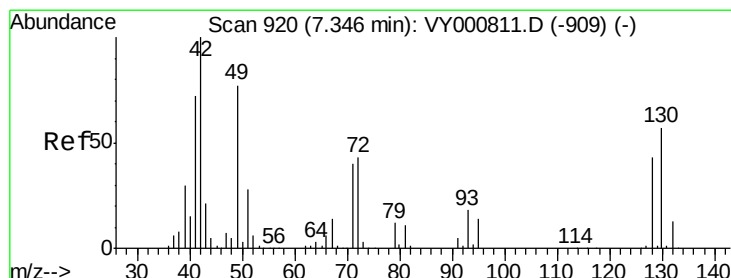
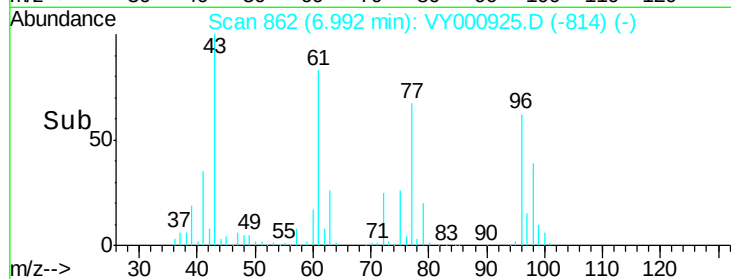
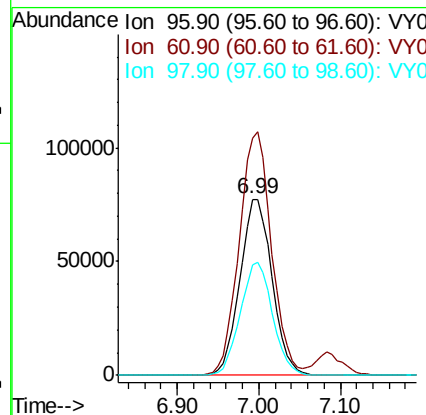
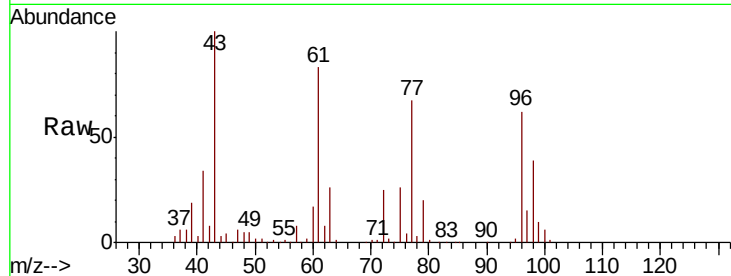
cis-1,2-Dichloroethene
Concen: 54.313 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	211293		
61	138.7	0.0	285.0	
98	64.3	0.0	128.0	

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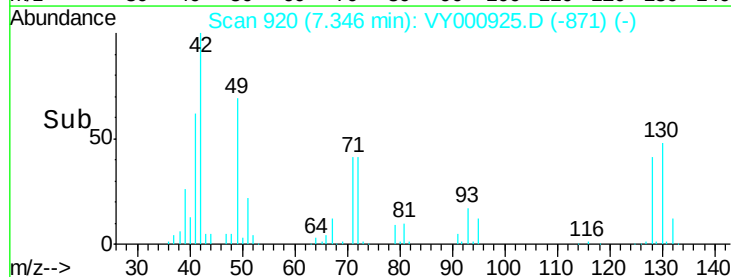
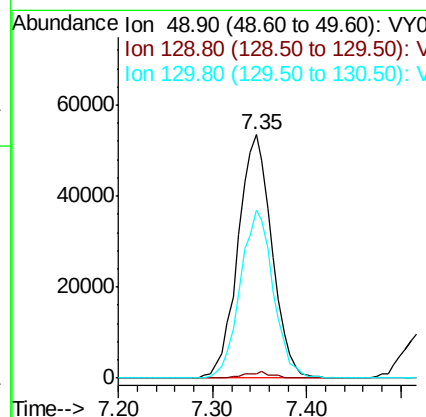
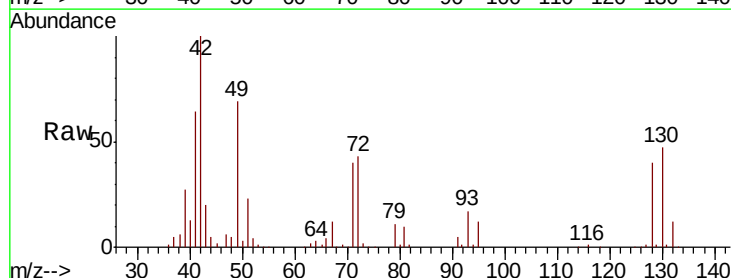
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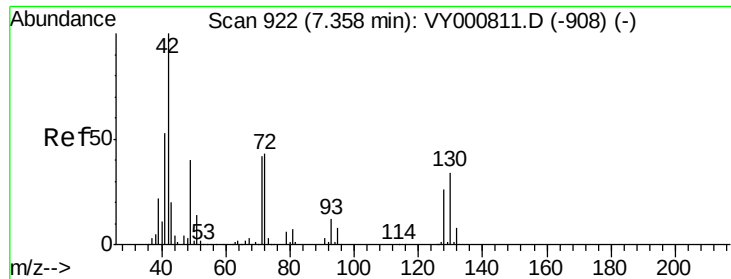


#28

Bromochloromethane
Concen: 58.992 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	133879		
129	2.1	0.0	3.8	
130	67.4	58.7	88.1	





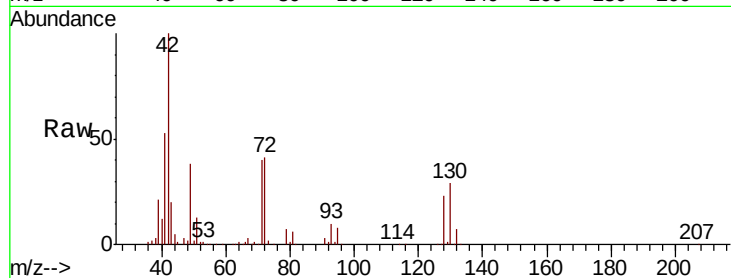
#29
Tetrahydrofuran
Concen: 292.924 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

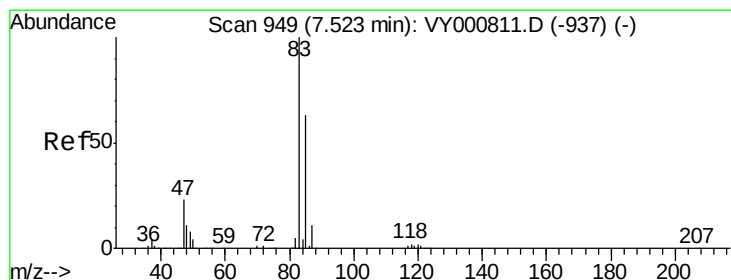
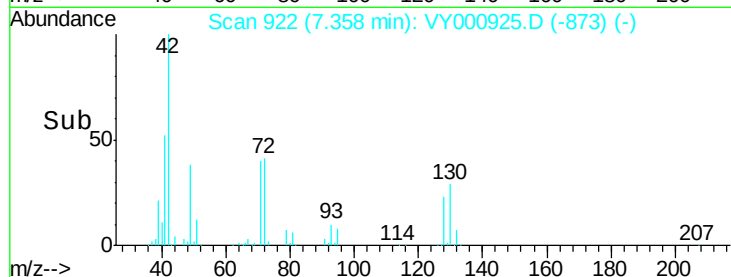
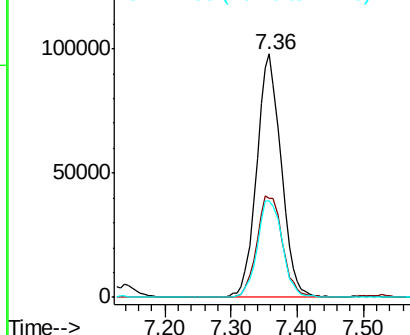
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.1	52.7
71	40.8	32.8	49.2

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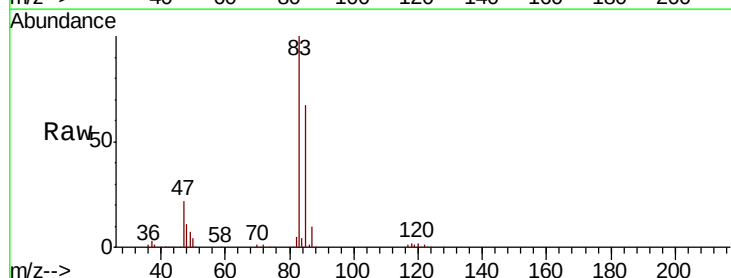


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

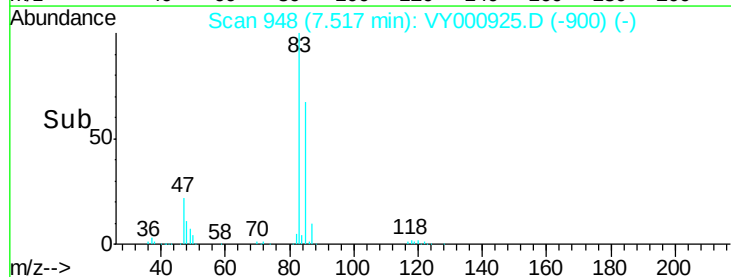
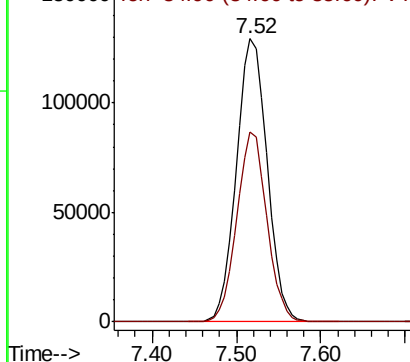


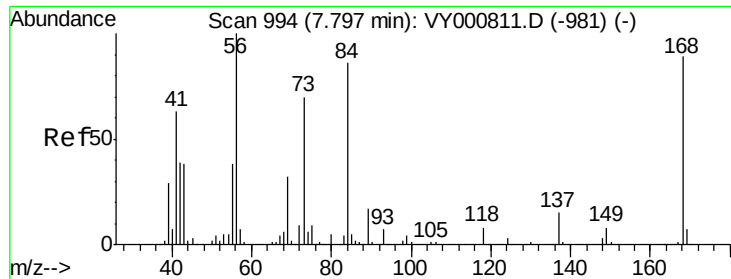
#30
Chloroform
Concen: 51.562 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.9	50.4	75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





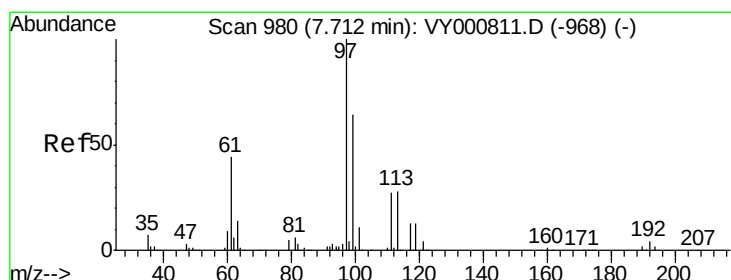
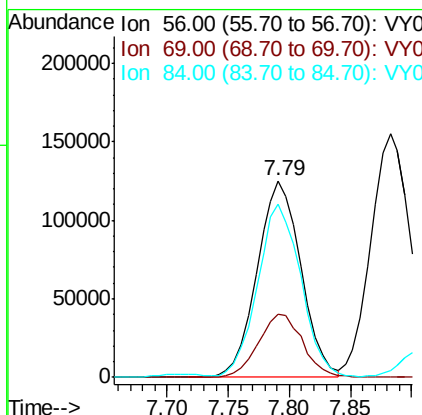
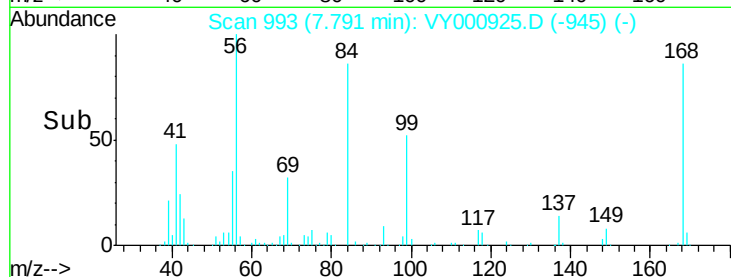
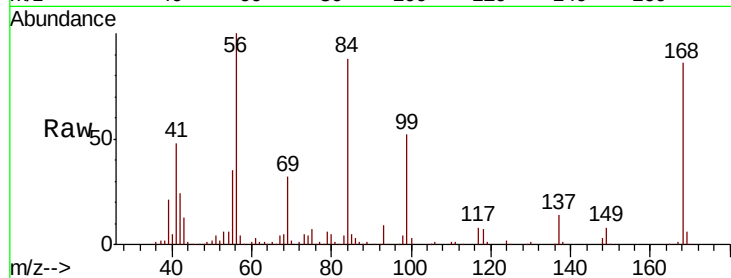
#31
Cyclohexane
Concen: 47.822 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.9	38.9
84	86.5	68.6	102.8

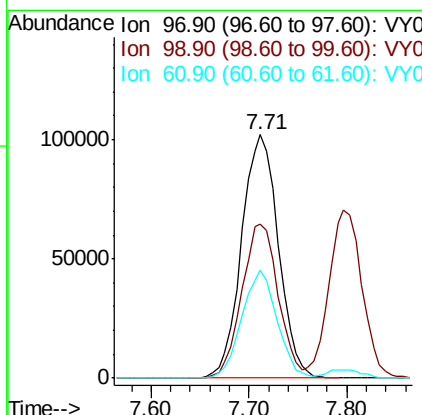
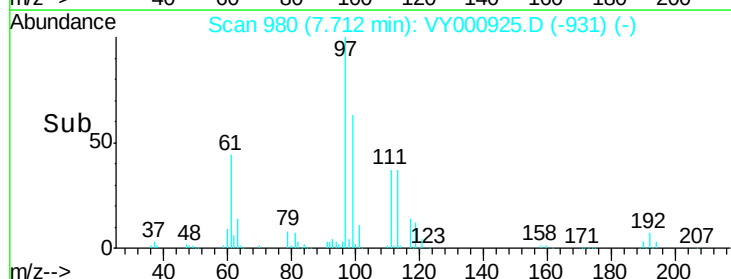
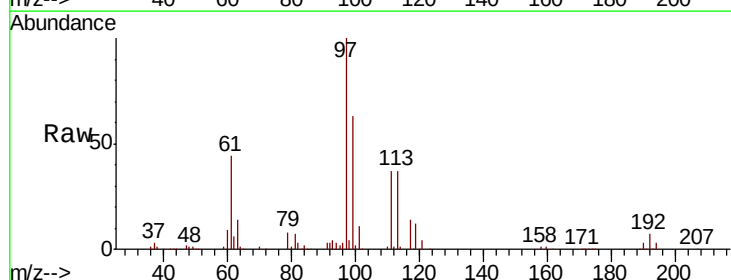
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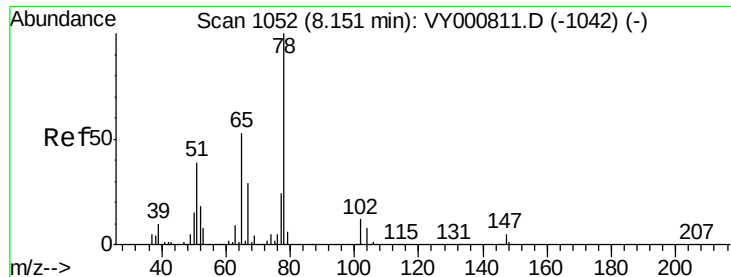
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#32
1,1,1-Trichloroethane
Concen: 52.160 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.7	77.5
61	42.5	35.0	52.6





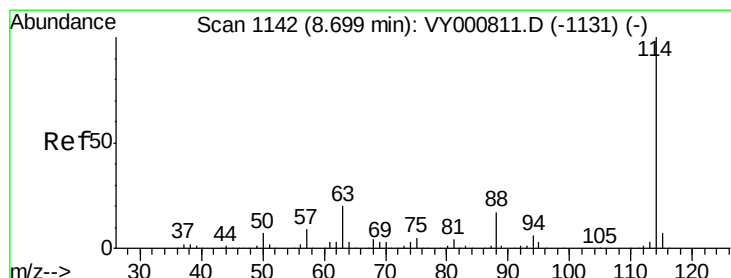
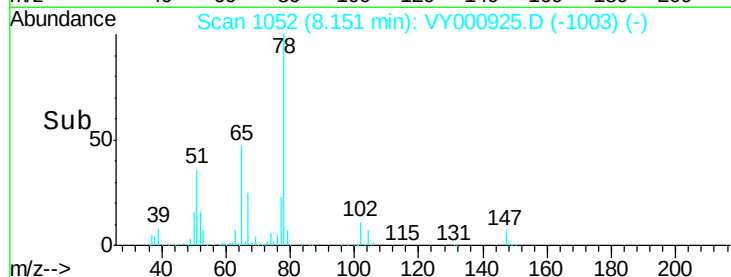
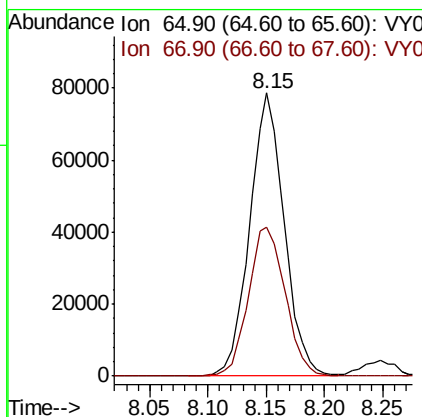
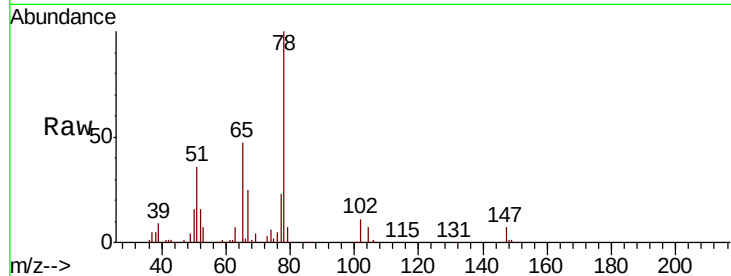
#33
 1,2-Dichloroethane-d4
 Concen: 52.987 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162597		
67	56.1	0.0	112.0	

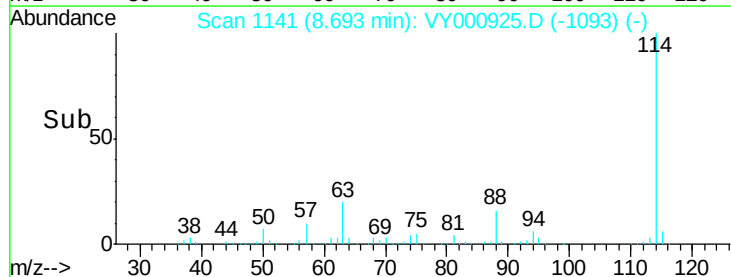
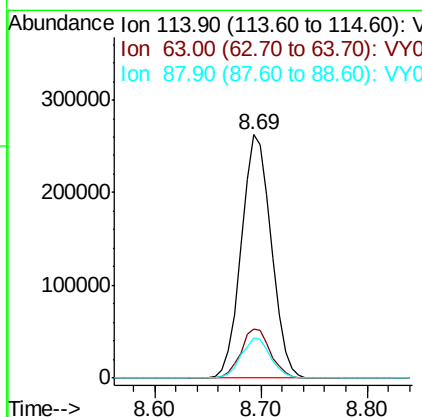
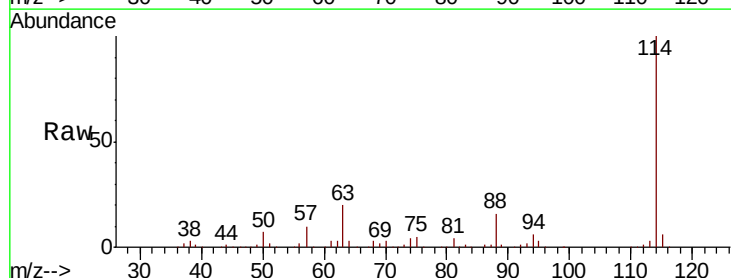
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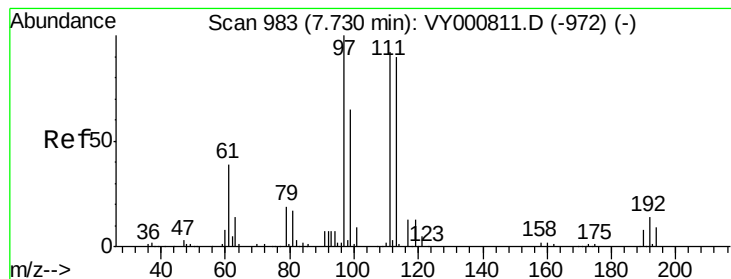
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	519099		
63	20.3	0.0	39.8	
88	16.4	0.0	33.2	





#35

Dibromofluoromethane

Concen: 51.797 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

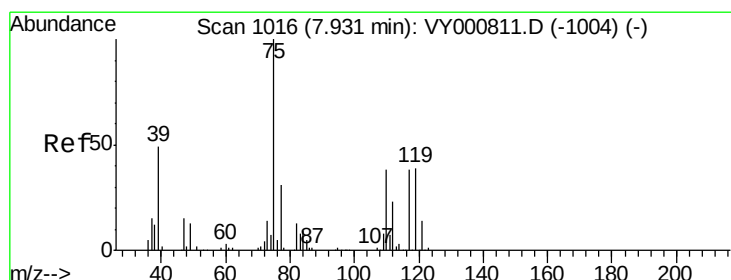
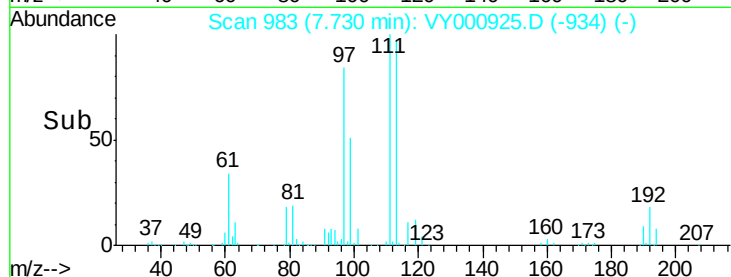
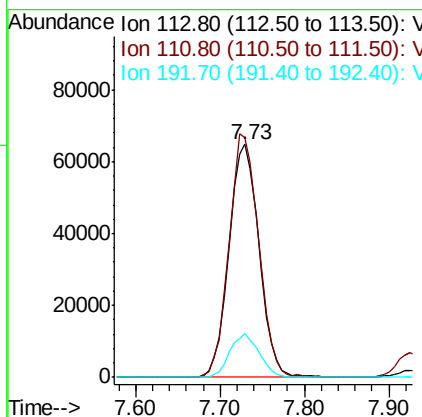
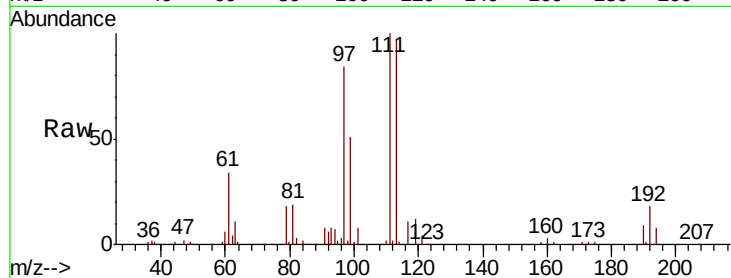
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	156702
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.4	123.6
192	18.2	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 49.125 ug/l

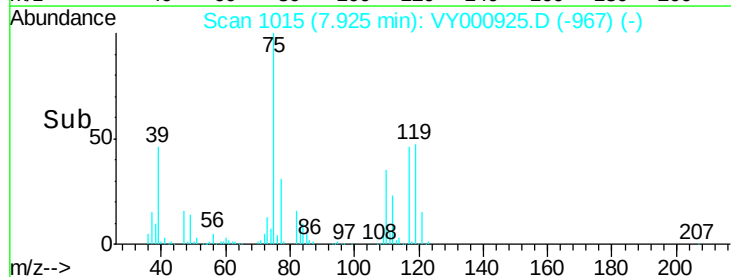
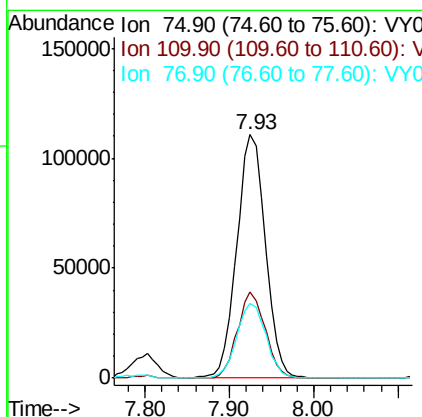
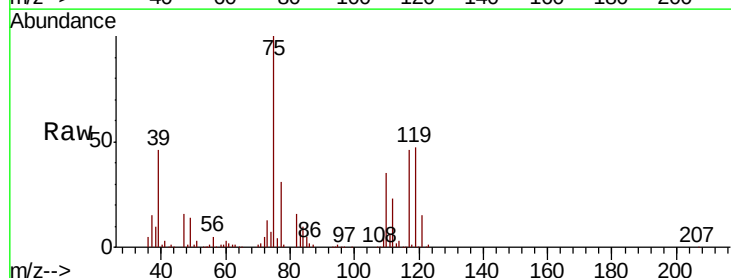
RT: 7.93 min Scan# 1015

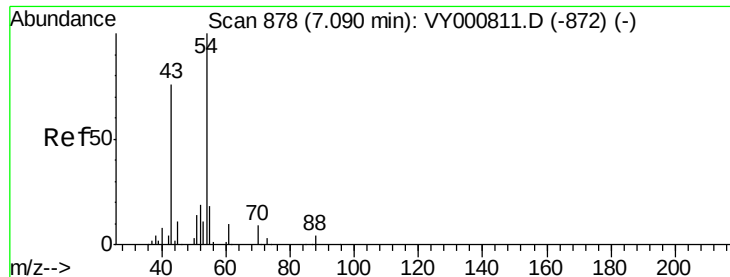
Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	75	Resp:	253555
Ion Ratio	Lower	Upper	
75	100		
110	34.2	17.9	53.7
77	31.3	24.7	37.1





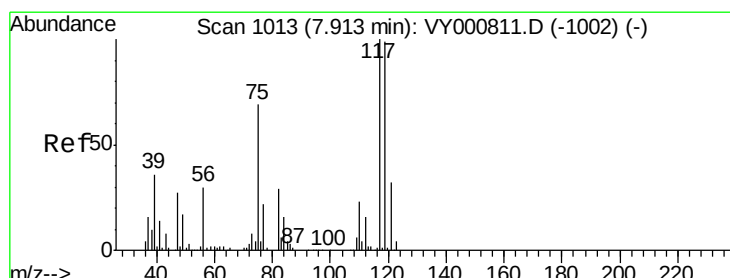
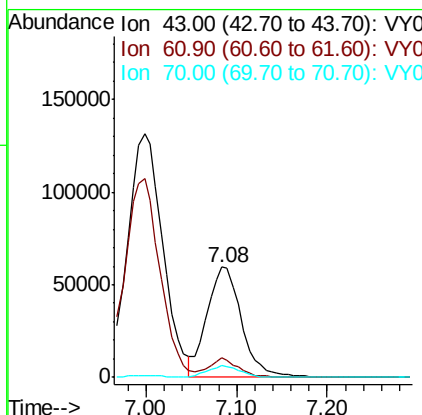
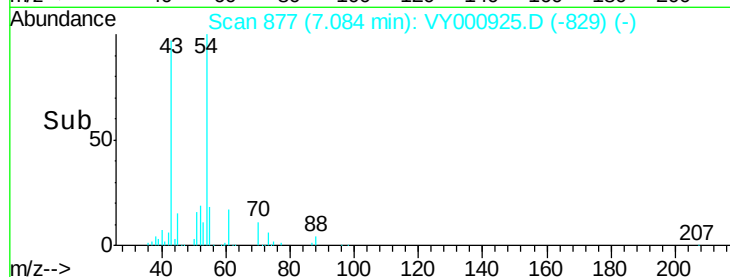
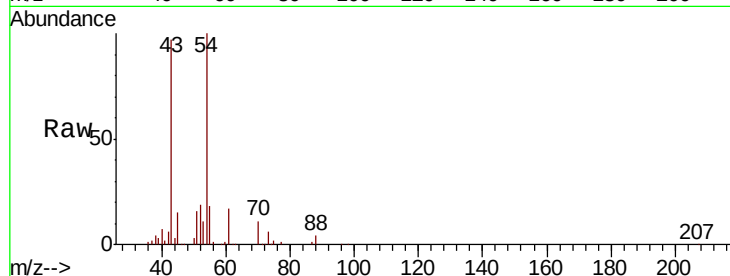
#37
Ethyl Acetate
Concen: 53.237 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	10.2	8.7	13.1

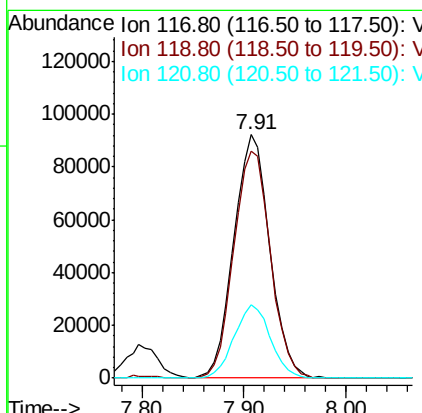
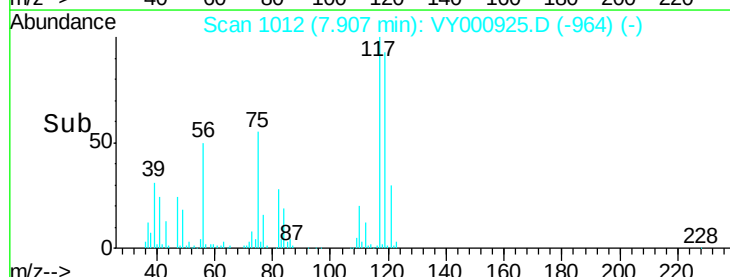
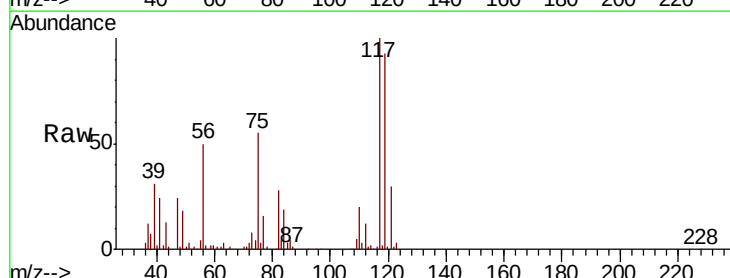
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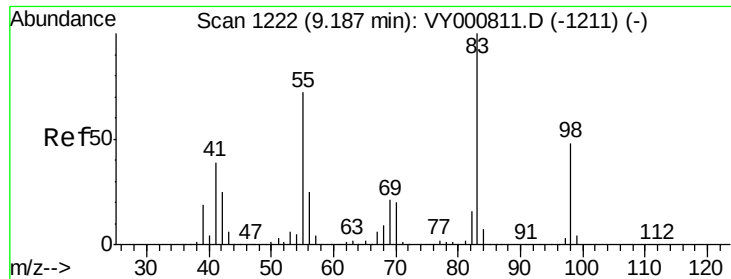
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#38
Carbon Tetrachloride
Concen: 49.105 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.3	118.9
121	29.9	25.5	38.3





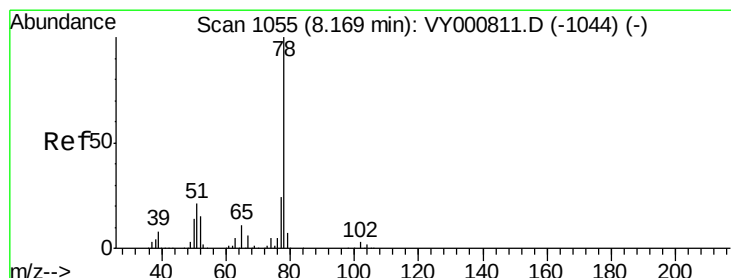
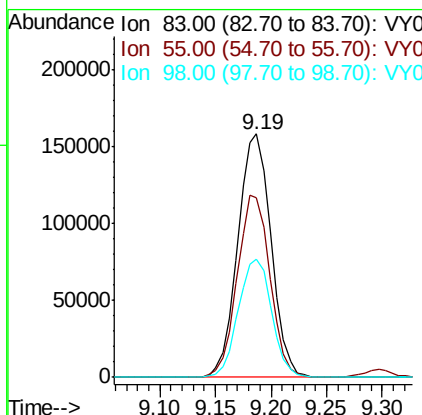
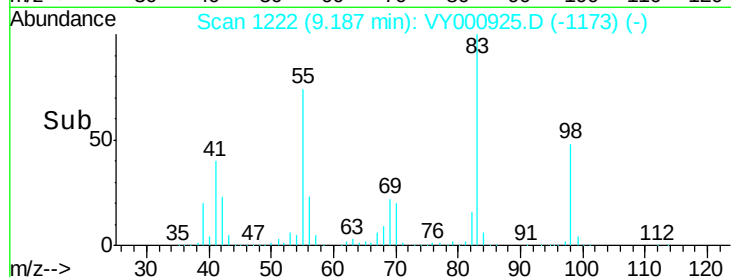
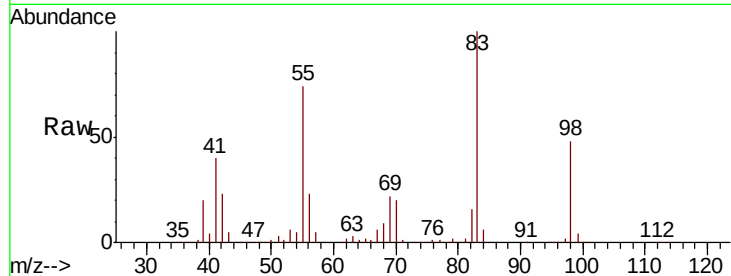
#39
Methylvlcyclohexane
Concen: 47.815 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	326974
Ion Ratio	Lower	Upper	
83	100		
55	74.0	57.8	86.6
98	48.5	38.6	58.0

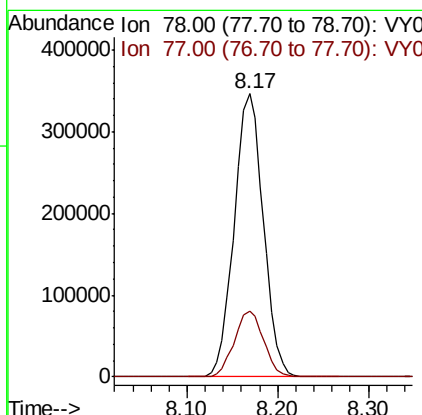
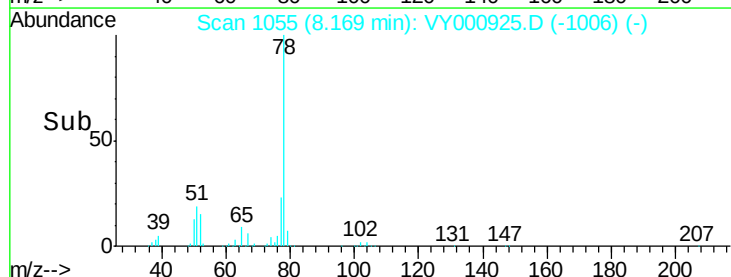
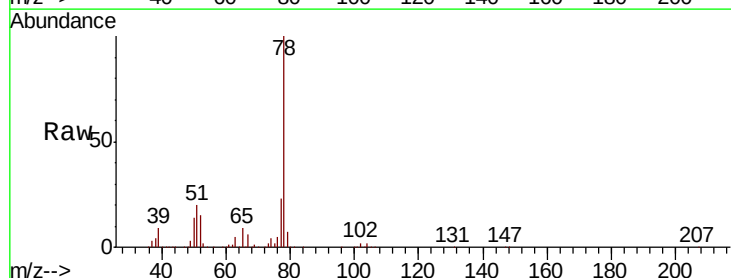
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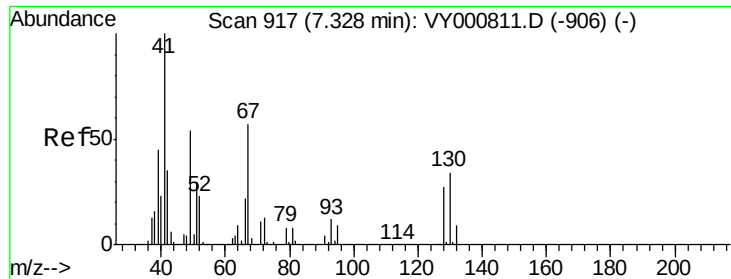
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#40
Benzene
Concen: 51.350 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	78	Resp	772007
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.2	28.8





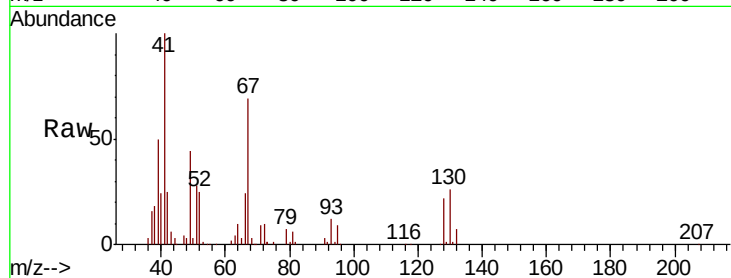
#41
Methacrylonitrile
Concen: 45.264 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

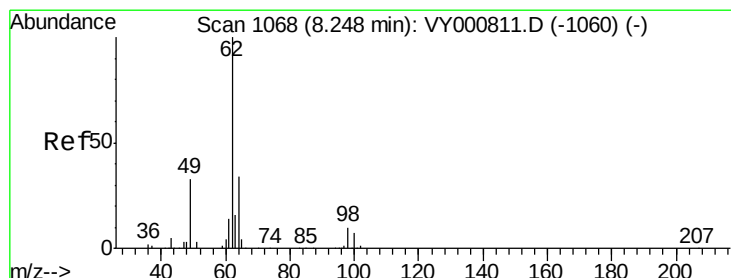
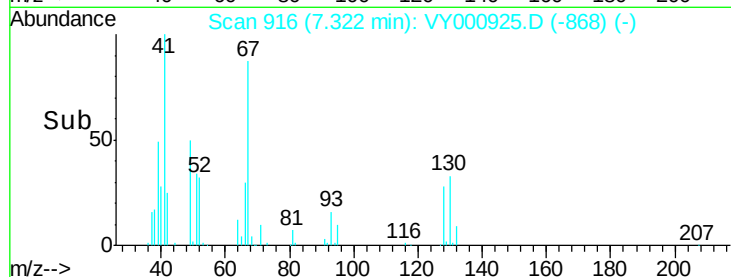
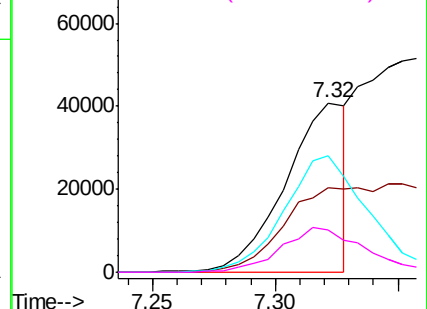
Tot Ion	Ratio	Lower	Upper
41	100		
39	135.0	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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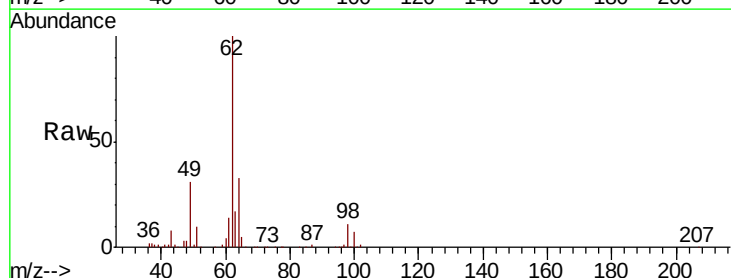


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

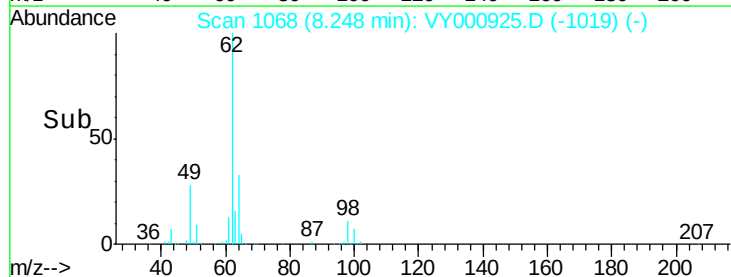
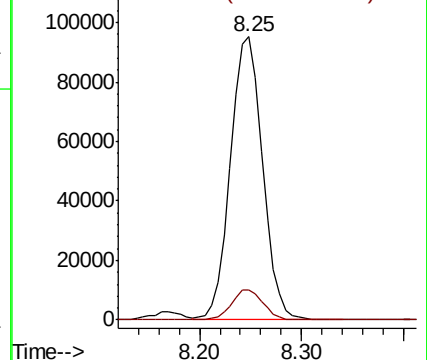


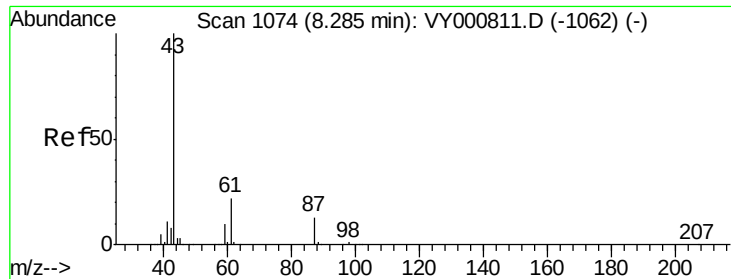
#42
1,2-Dichloroethane
Concen: 52.440 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





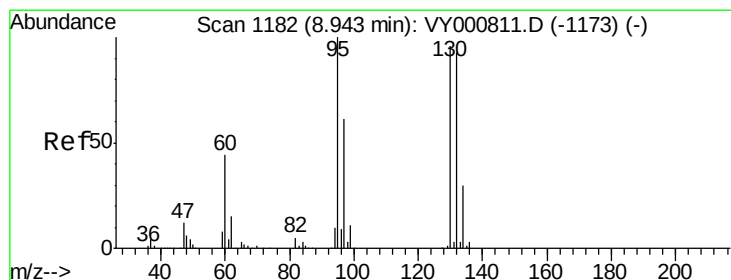
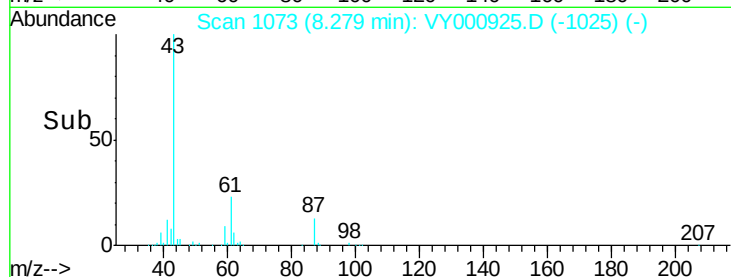
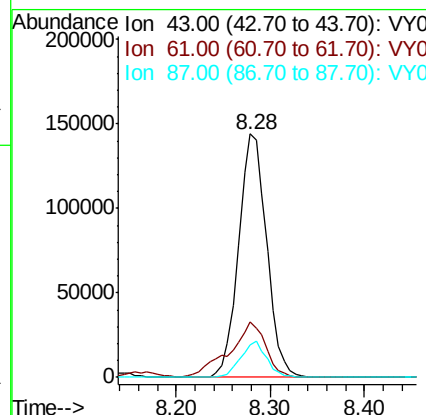
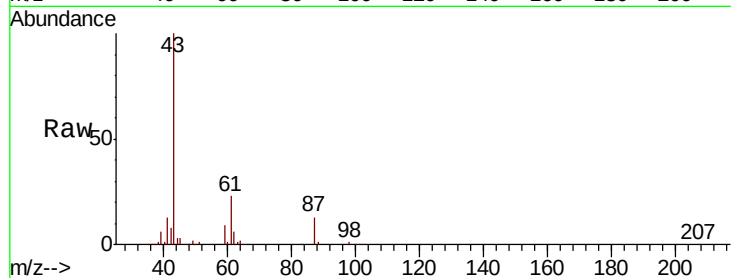
#43
Isopropyl Acetate
Concen: 53.131 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
43	100	298395		
61	29.6		23.7	35.5
87	13.8		10.6	15.8

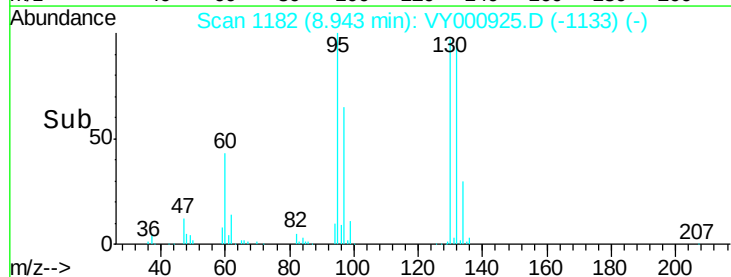
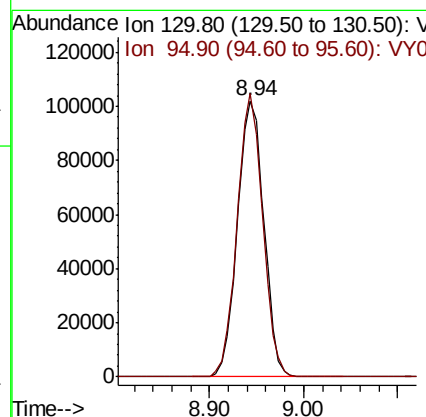
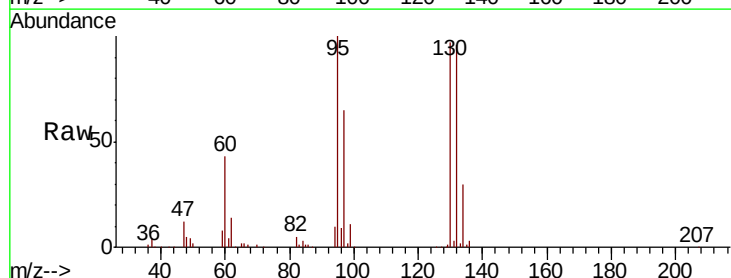
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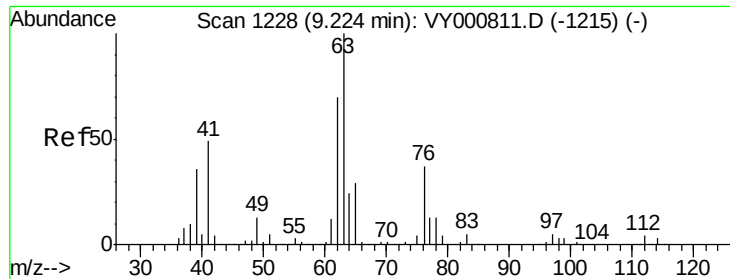
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#44
Trichloroethene
Concen: 51.492 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	198955		
95	102.6		0.0	207.8





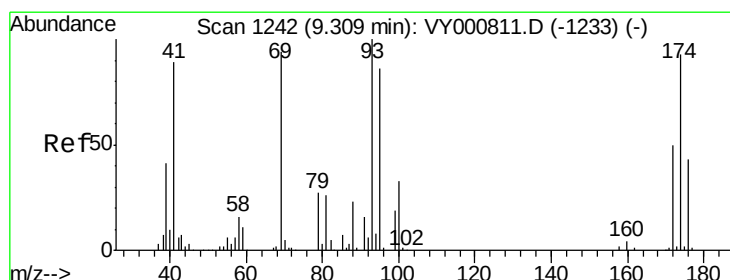
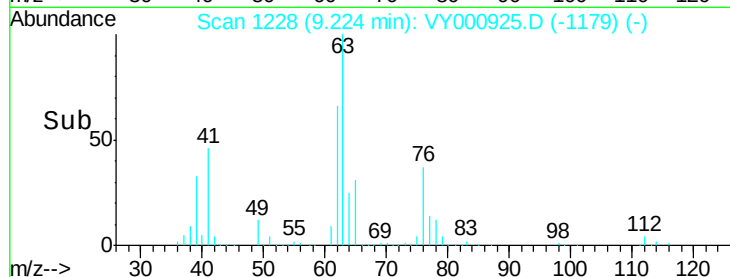
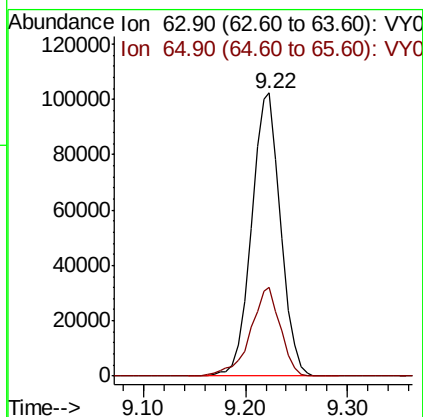
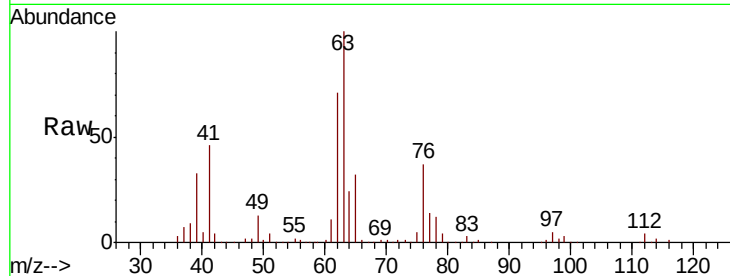
#45
 1,2-Dichloropropane
 Concen: 53.592 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 202381
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.2 34.8

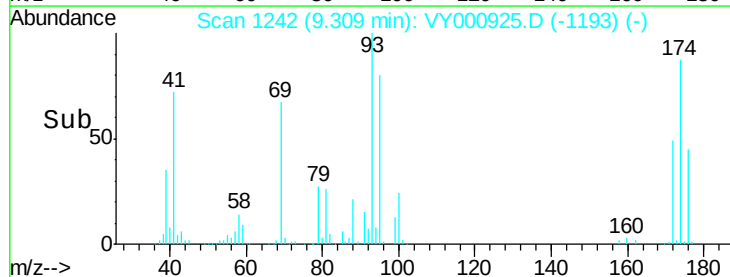
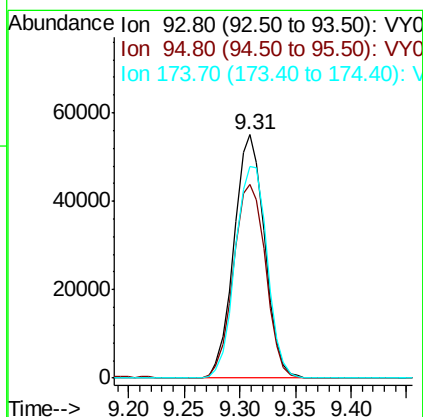
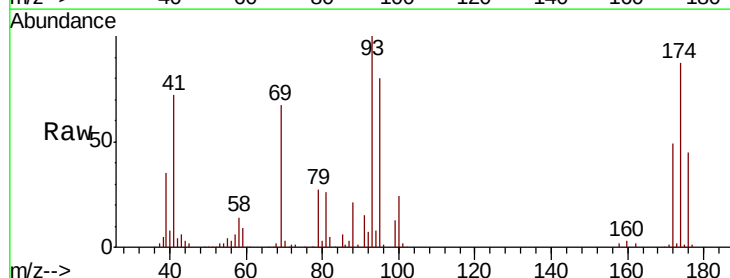
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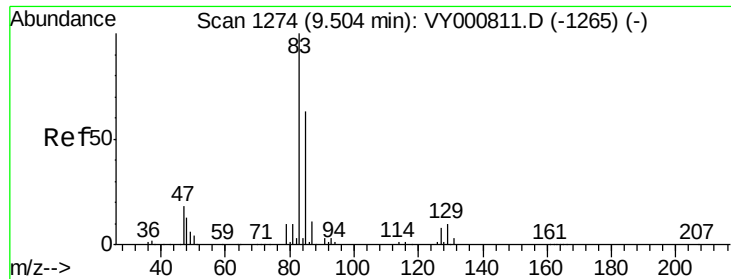
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#46
 Dibromomethane
 Concen: 53.245 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion: 93 Resp: 105059
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.4 99.6
 174 90.5 73.0 109.6





#47

Bromodichloromethane

Concen: 53.811 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

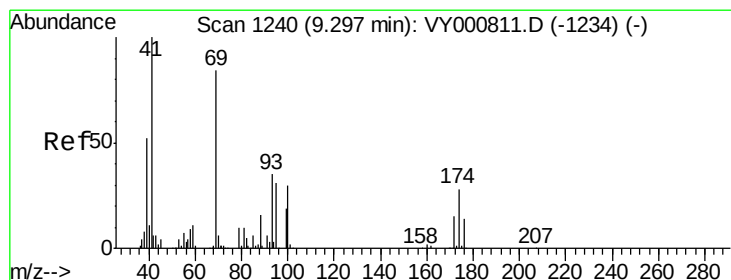
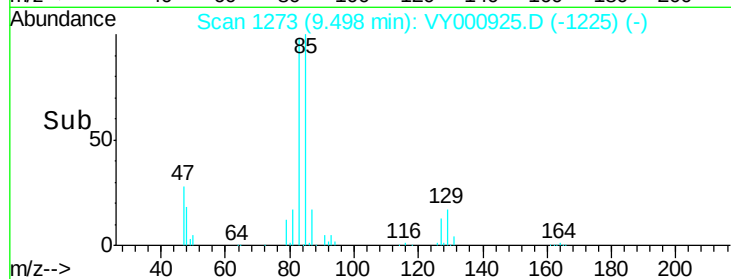
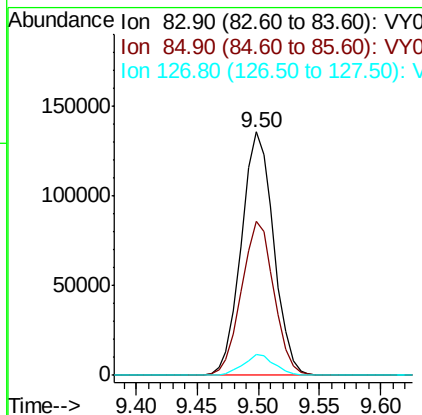
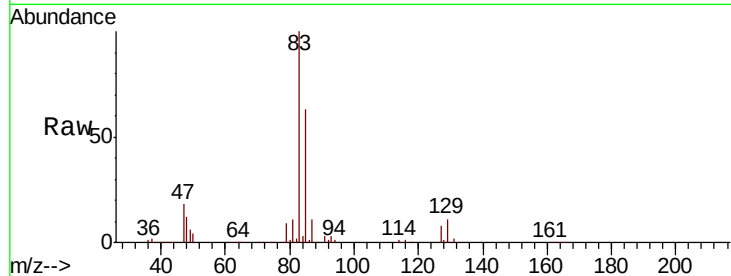
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	249423
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.8	76.2
127	8.4	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.513 ug/l

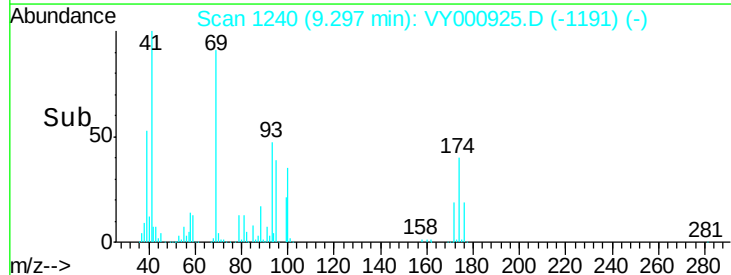
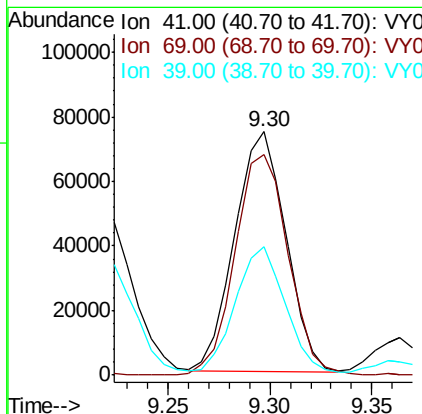
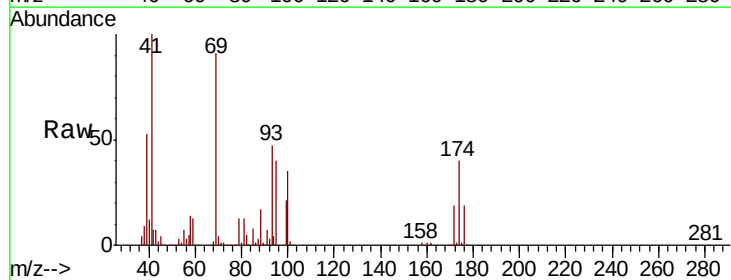
RT: 9.30 min Scan# 1240

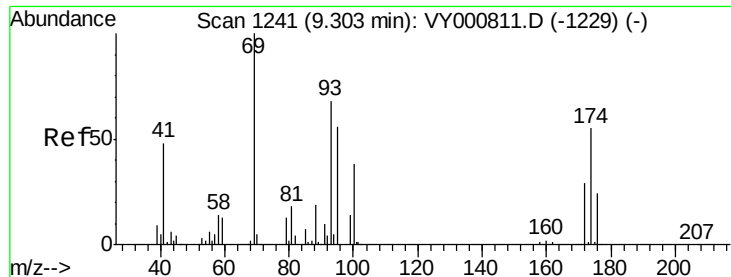
Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	41	Resp:	129688
Ion Ratio	Lower	Upper	
41	100		
69	95.6	70.4	105.6
39	53.3	40.9	61.3





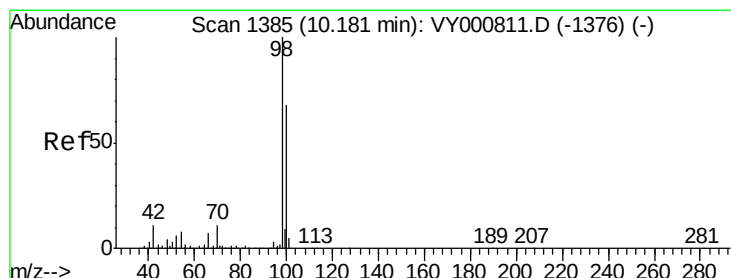
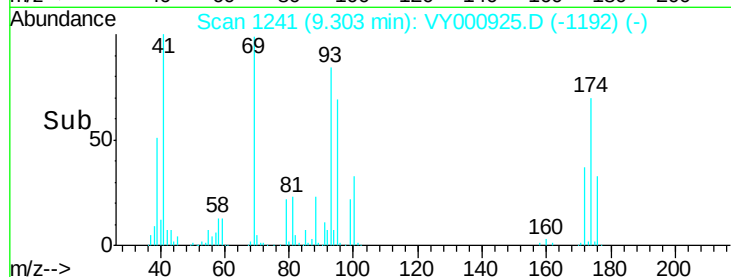
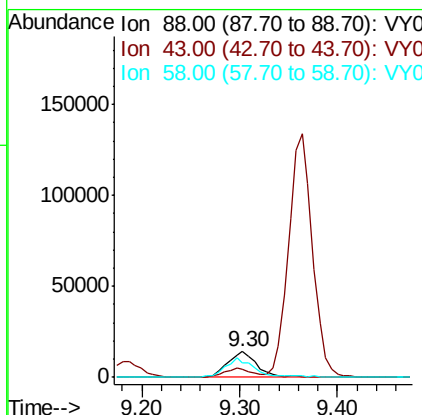
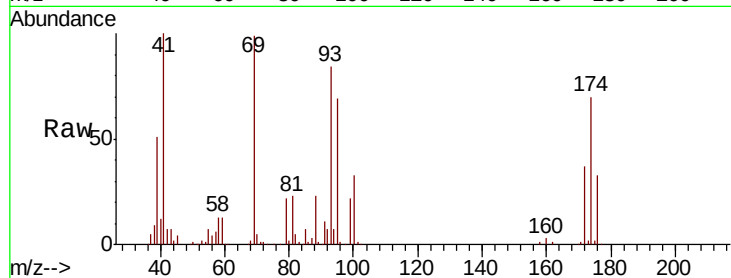
#49
1,4-Dioxane
Concen: 1091.586 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	30518
Ion	Ratio	Lower	Upper
88	100		
43	30.9	21.1	31.7
58	74.5	50.7	76.1

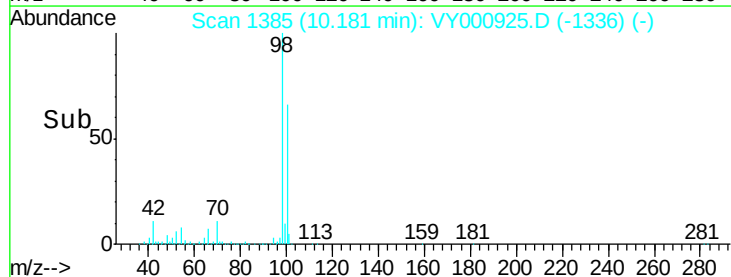
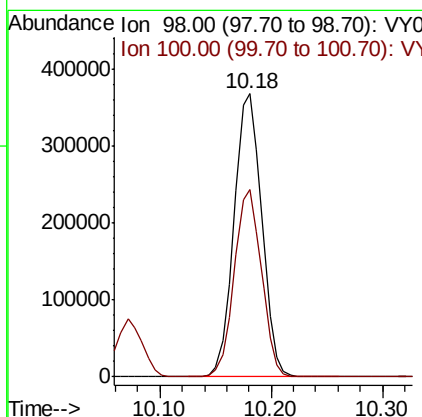
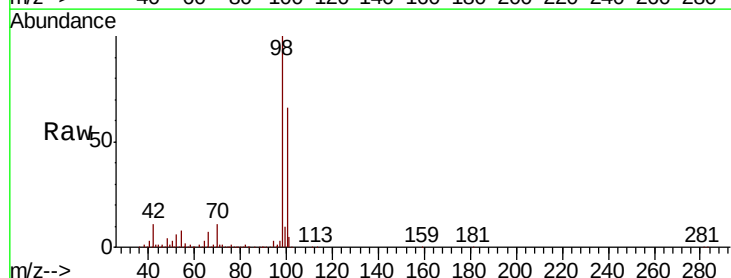
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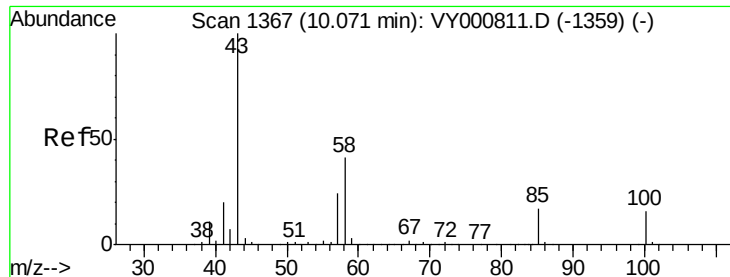
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#50
Toluene-d8
Concen: 52.417 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	98	Resp	633987
Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 273.842 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 794629

Ion Ratio Lower Upper

43 100

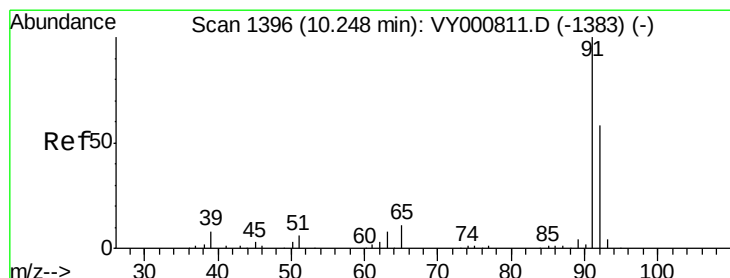
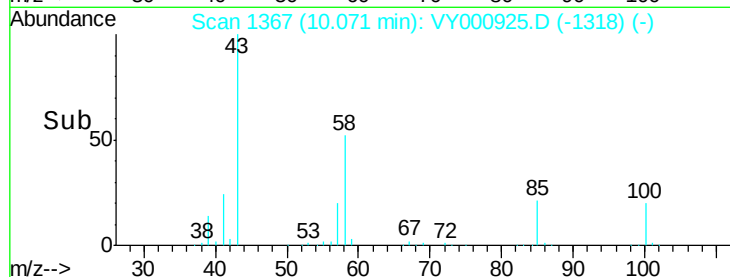
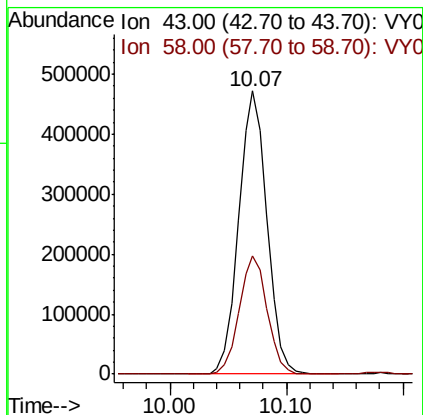
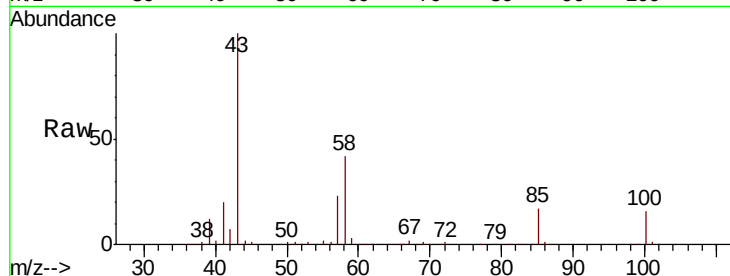
58 41.6 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 51.167 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000925.D

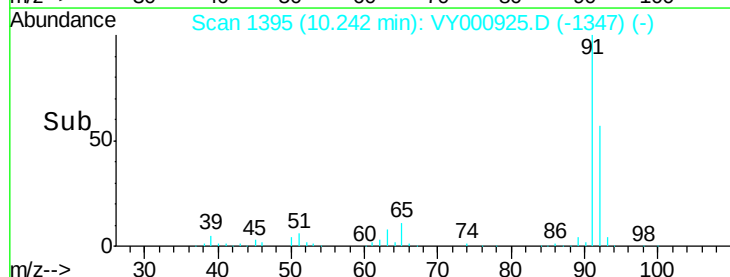
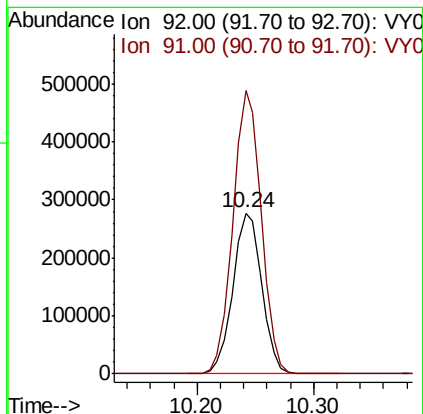
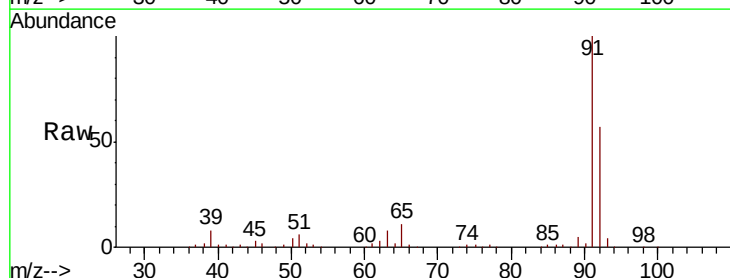
Acq: 09 Dec 2019 20:08

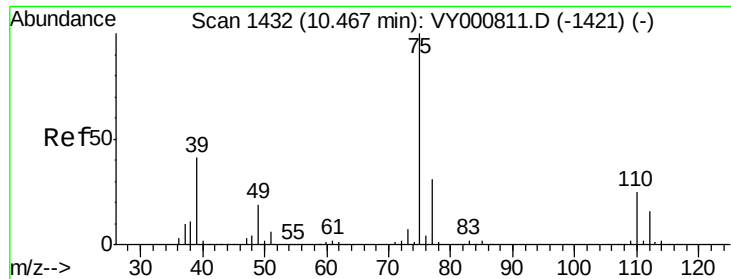
Tgt Ion: 92 Resp: 476291

Ion Ratio Lower Upper

92 100

91 173.6 136.6 204.8





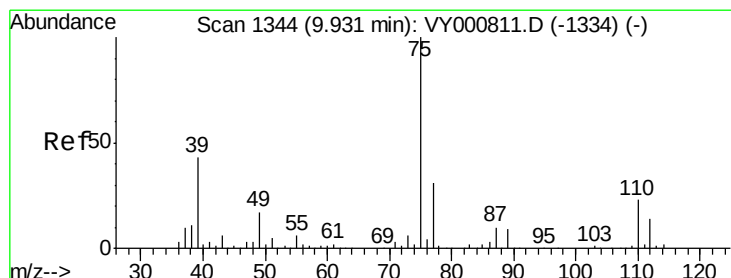
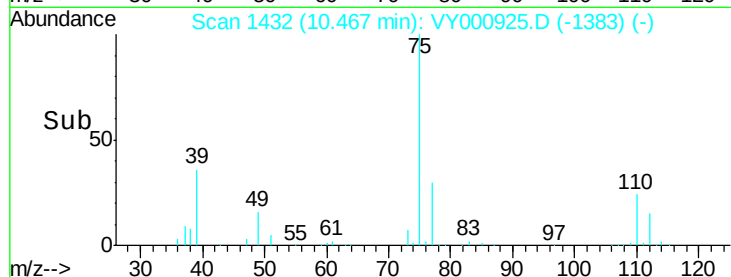
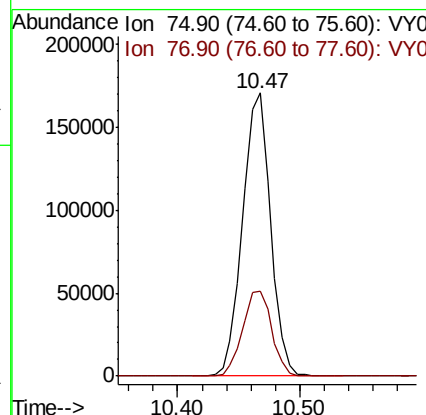
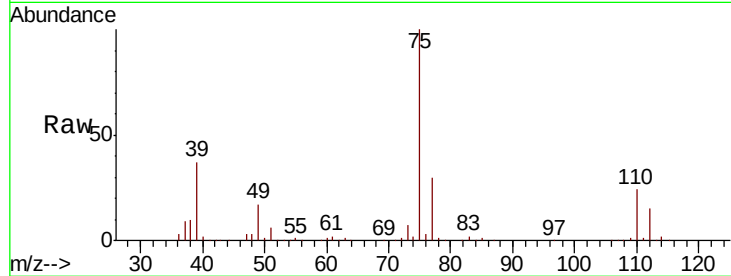
#53
 t-1,3-Dichloropropene
 Concen: 54.192 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.1	37.7

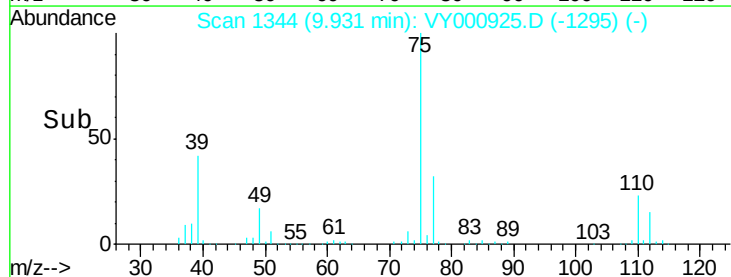
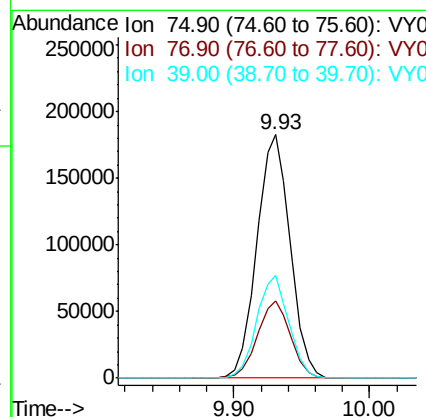
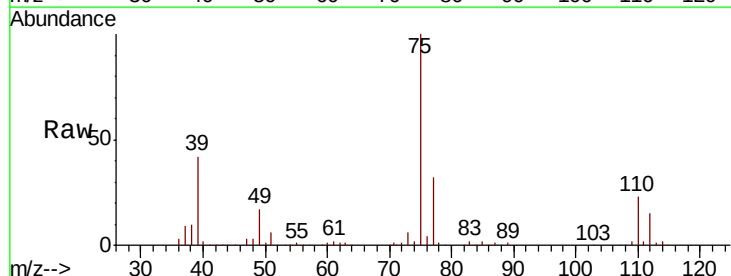
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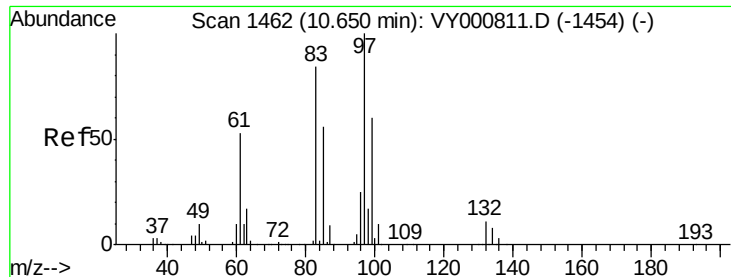
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#54
 cis-1,3-Dichloropropene
 Concen: 53.082 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	42.1	34.5	51.7





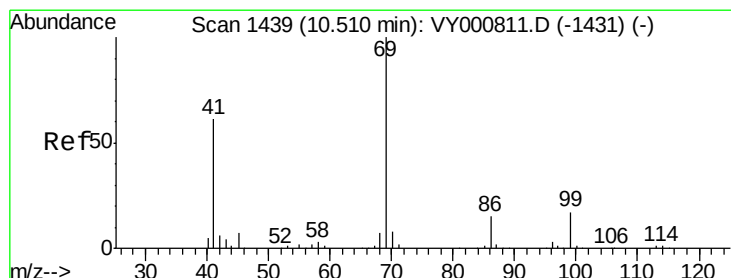
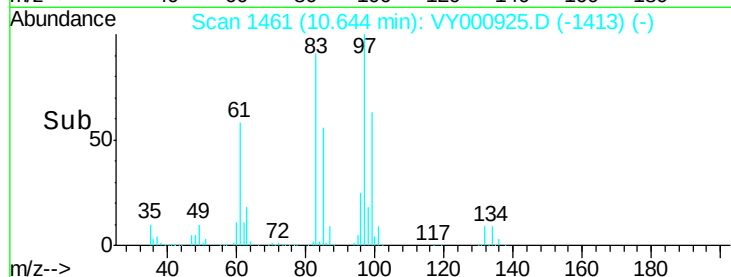
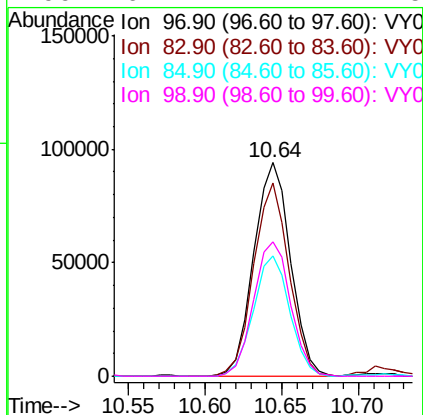
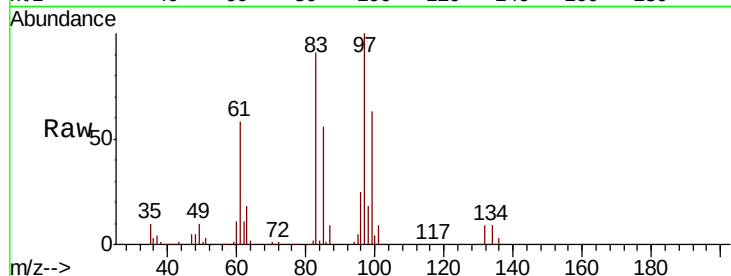
#55
 1,1,2-Trichloroethane
 Concen: 54.029 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	157502
Ion	Ratio	Lower	Upper
97	100		
83	90.6	67.5	101.3
85	56.3	44.5	66.7
99	62.7	47.7	71.5

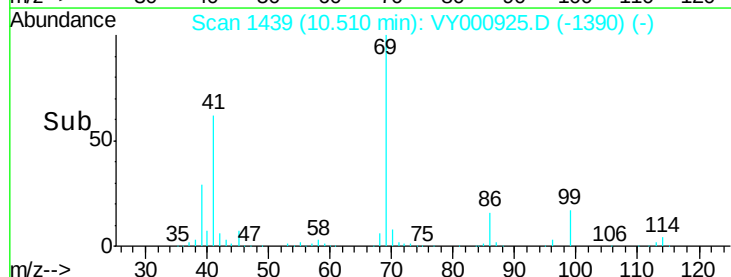
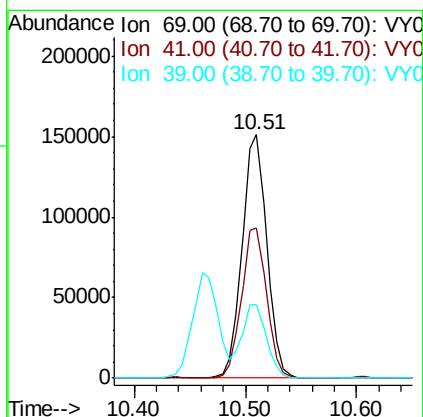
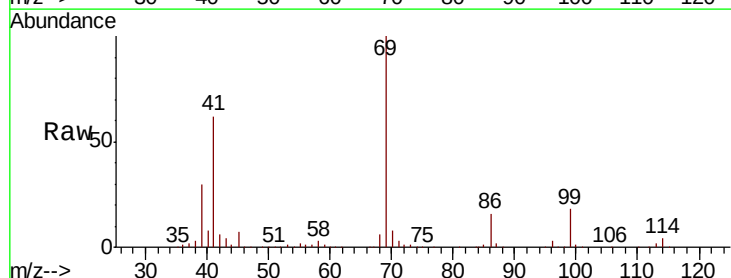
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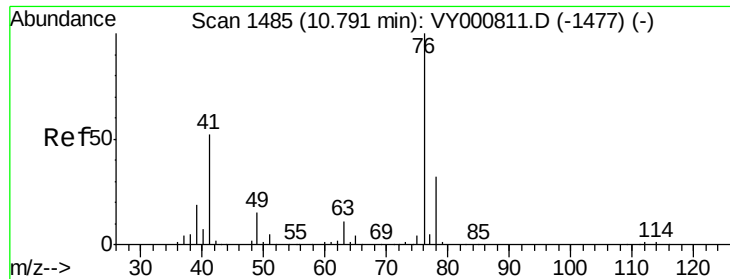
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#56
 Ethyl methacrylate
 Concen: 55.886 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion:	69	Resp:	233056
Ion	Ratio	Lower	Upper
69	100		
41	62.1	49.0	73.6
39	30.3	23.1	34.7





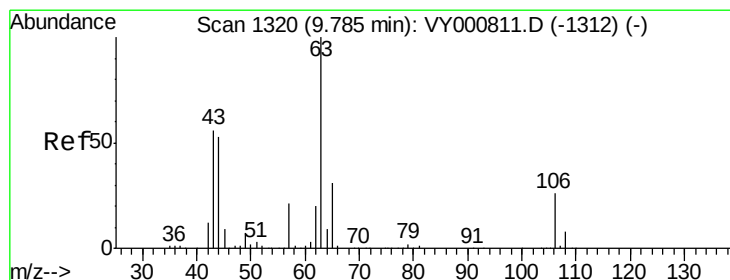
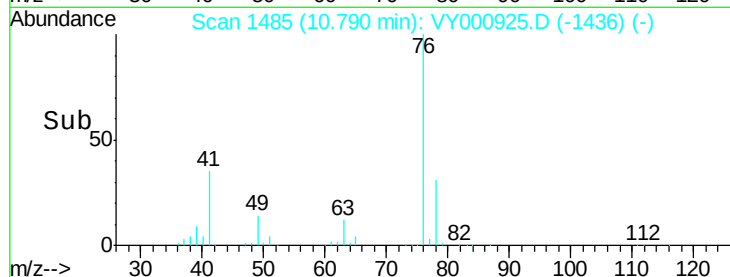
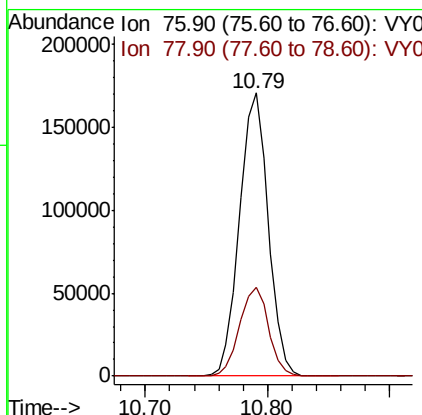
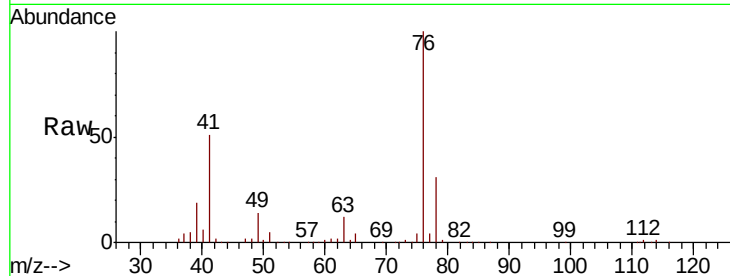
#57
 1,3-Dichloropropane
 Concen: 54.738 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.4	39.6

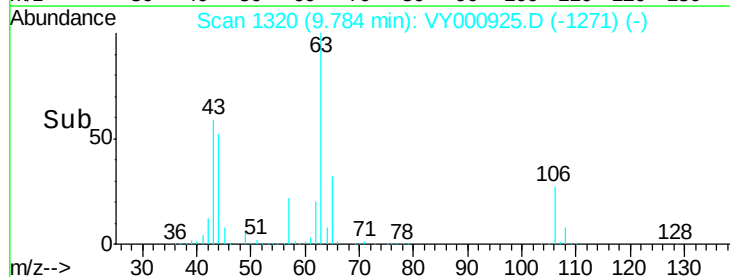
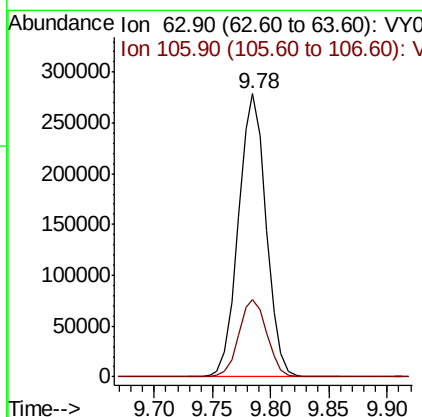
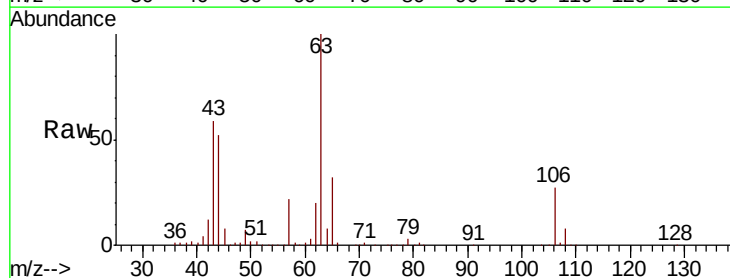
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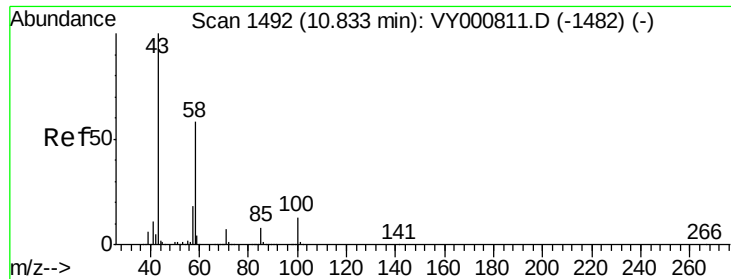
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#58
 2-Chloroethyl Vinyl ether
 Concen: 274.158 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.5	32.3





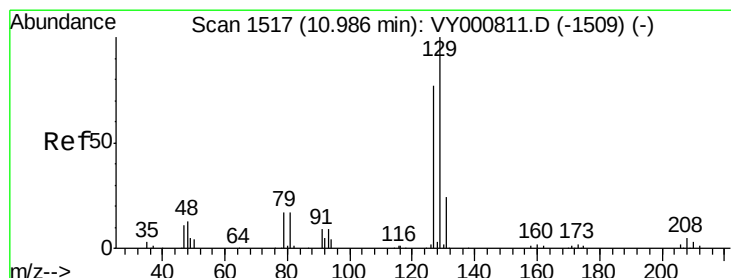
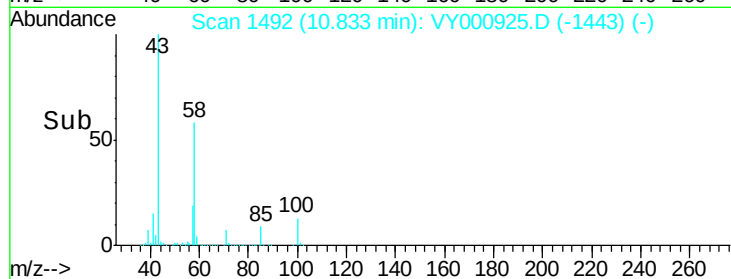
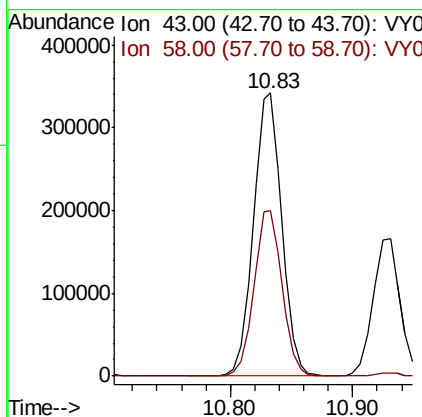
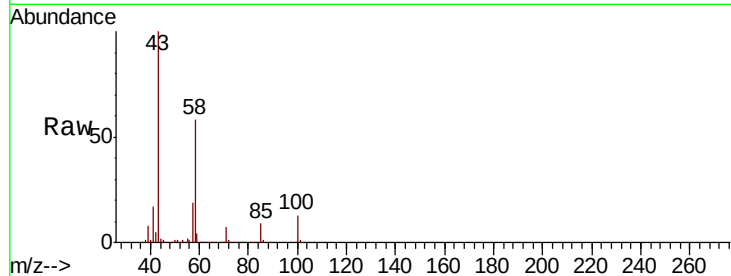
#59
2-Hexanone
Concen: 260.588 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.0	29.0	87.1

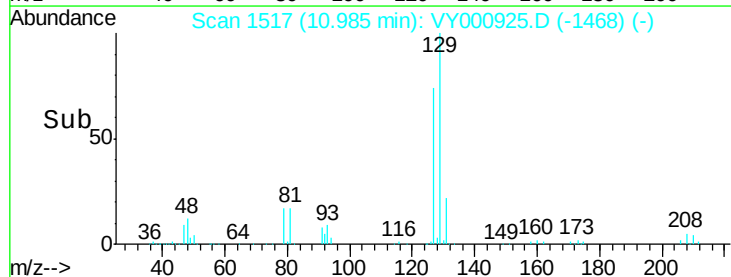
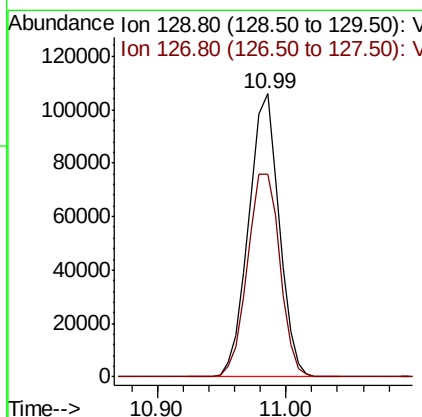
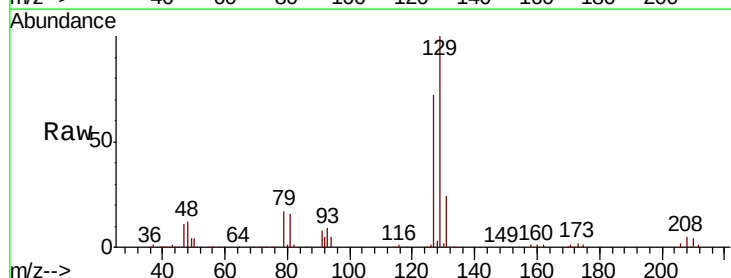
Manual Integrations
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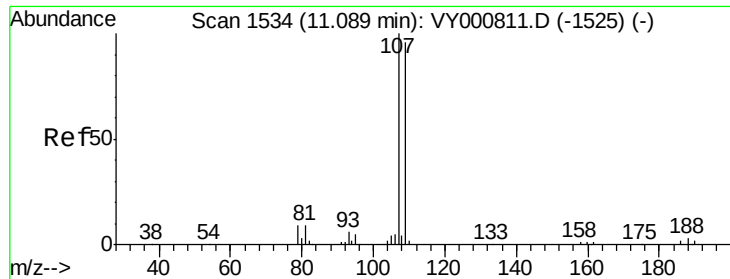
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#60
Dibromochloromethane
Concen: 55.048 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	39.1	117.2





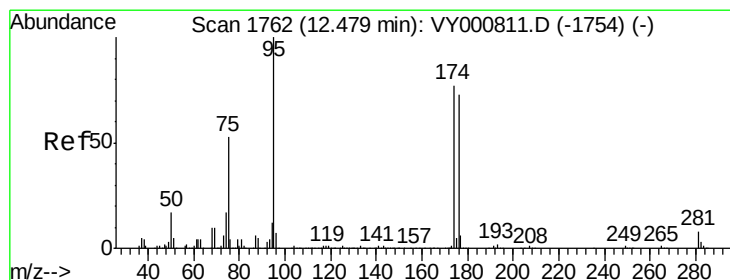
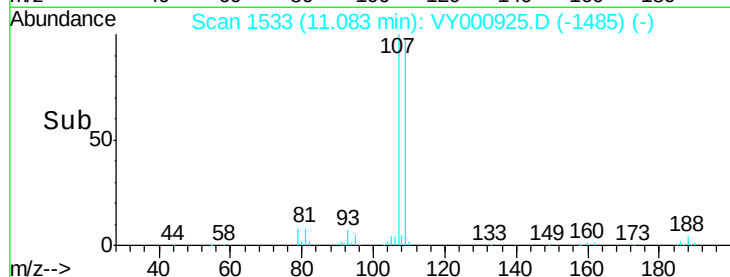
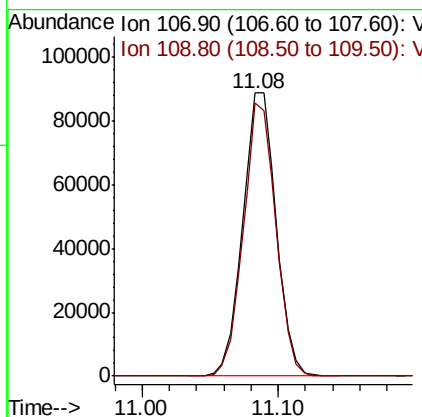
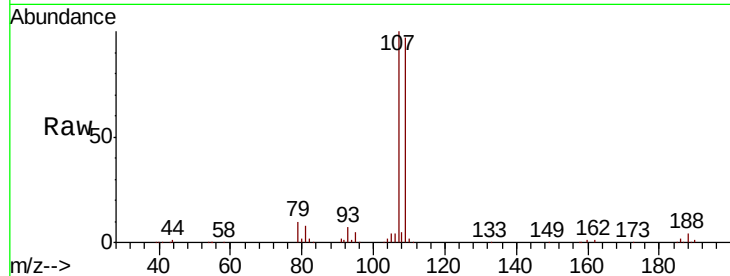
#61
 1,2-Dibromoethane
 Concen: 55.367 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.9	113.9

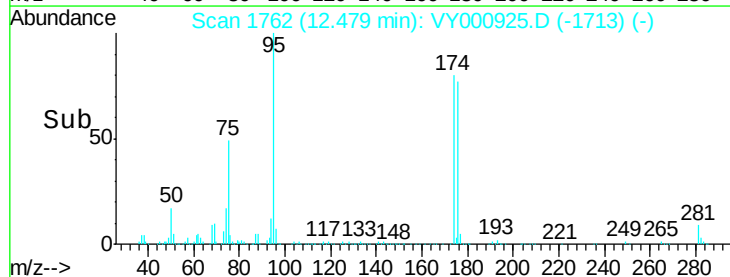
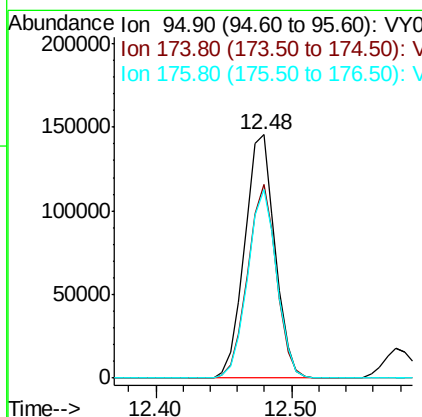
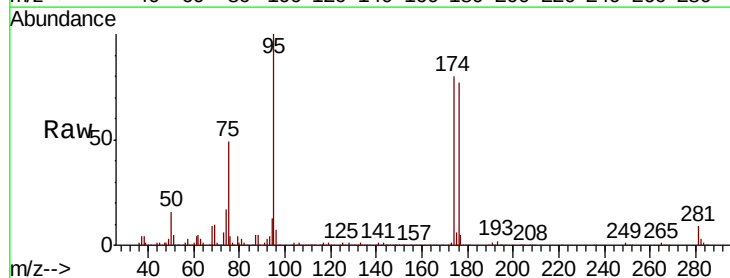
Manual Integrations
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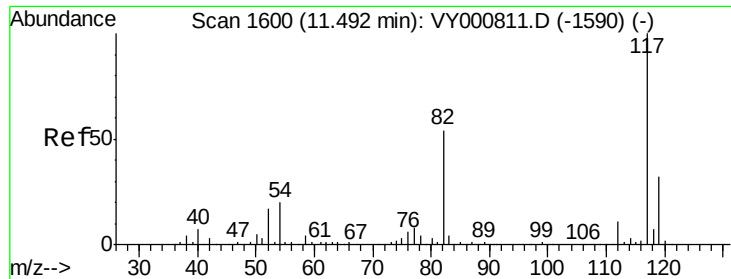
apatel
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#62
 4-Bromofluorobenzene
 Concen: 49.946 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	150.6
176	74.5	0.0	145.2





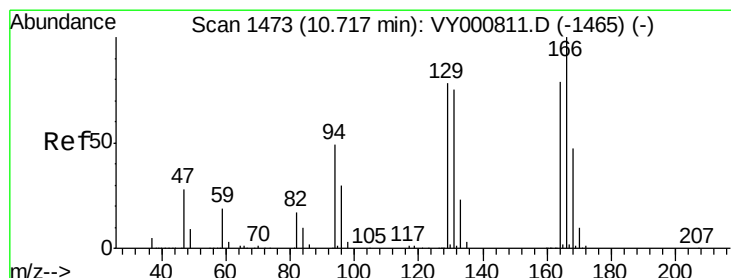
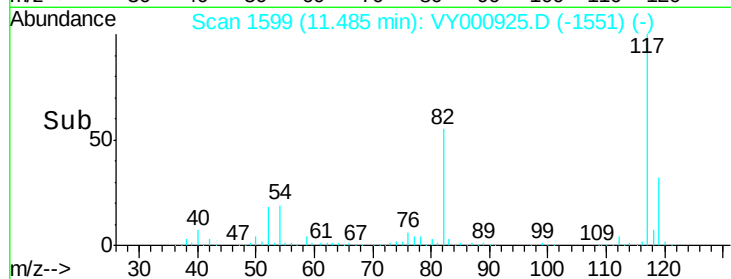
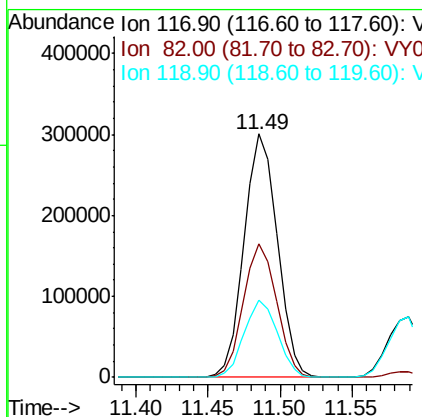
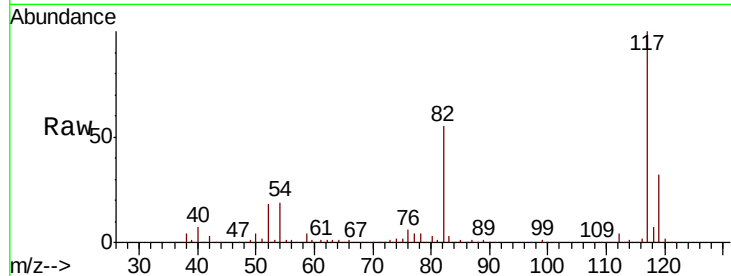
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.1	64.7
119	31.8	25.3	37.9

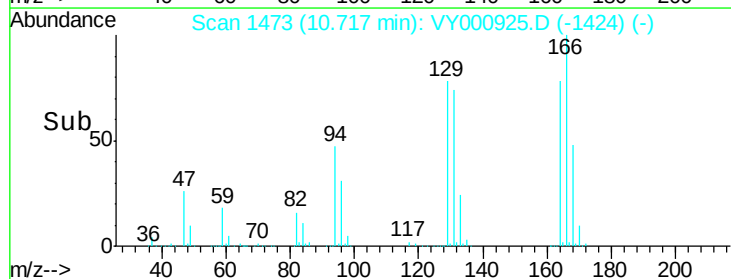
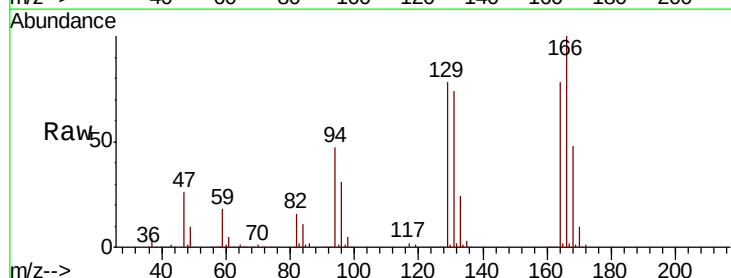
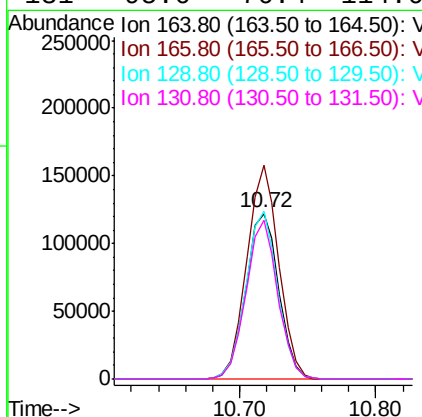
Manual Integrations
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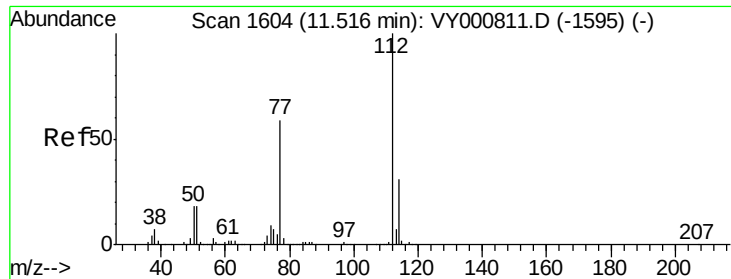
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#64
Tetrachloroethene
Concen: 49.560 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	101.8	152.8
129	101.1	79.3	118.9
131	95.6	76.4	114.6





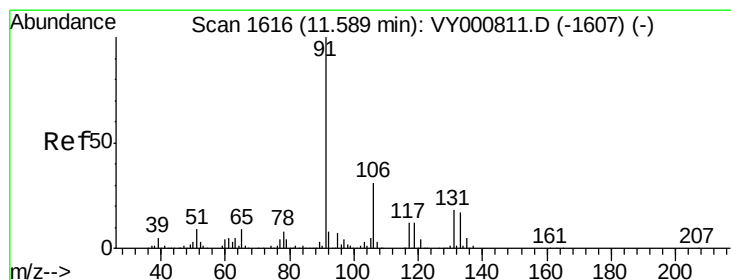
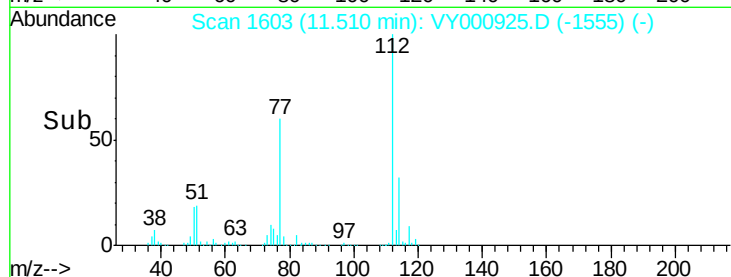
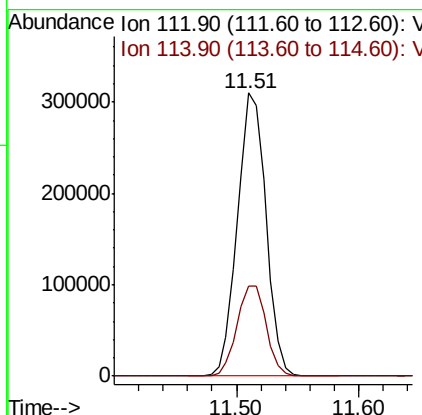
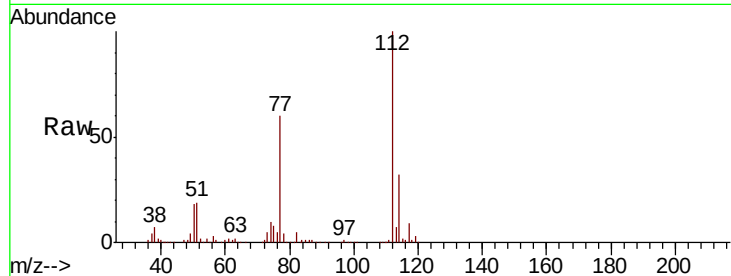
#65
Chlorobenzene
Concen: 50.044 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.1	37.7

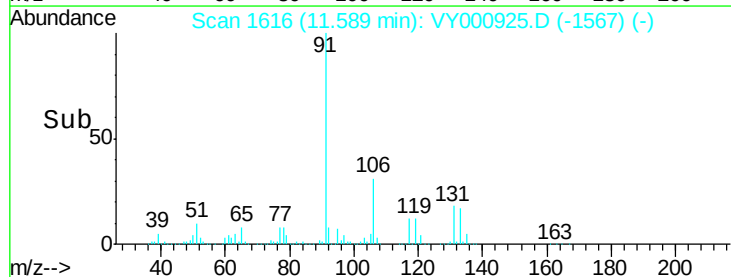
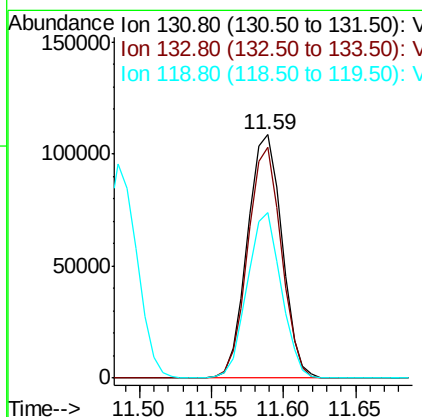
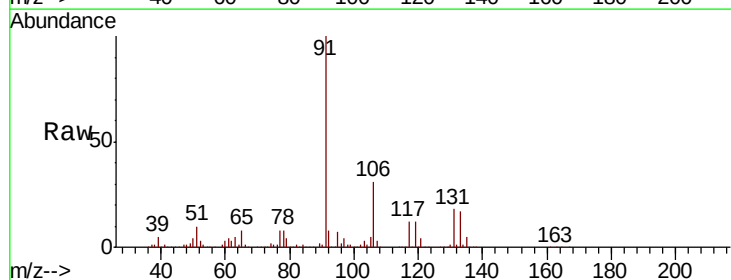
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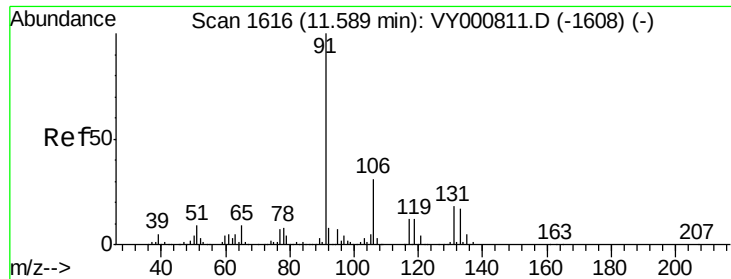
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.473 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.2	47.4	142.2
119	66.9	33.8	101.3





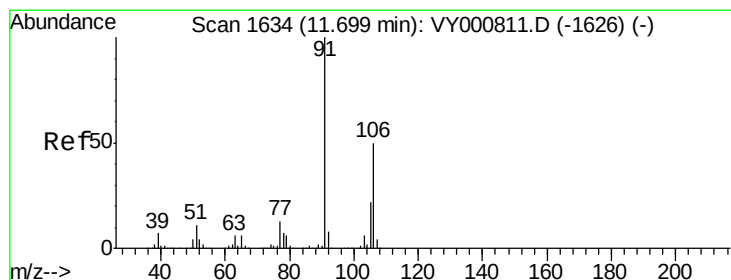
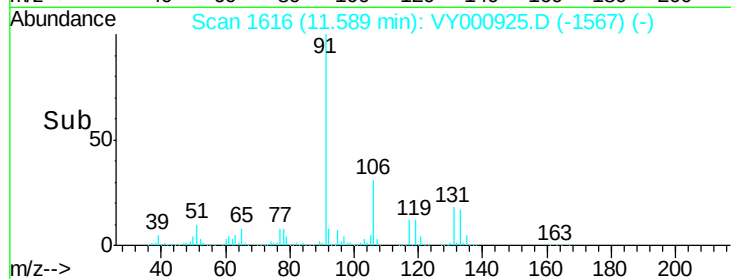
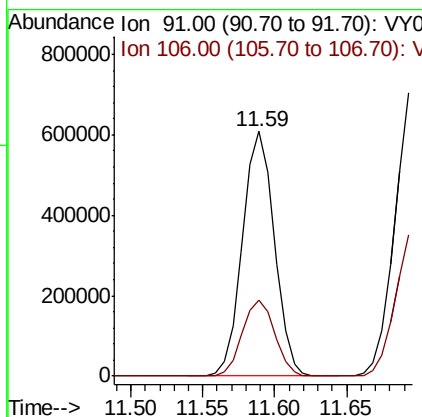
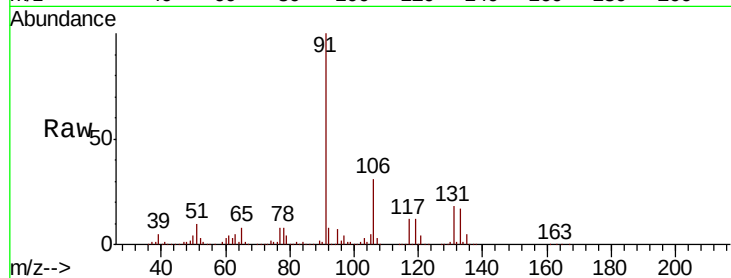
#67
Ethyl Benzene
Concen: 49.947 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.4	36.6

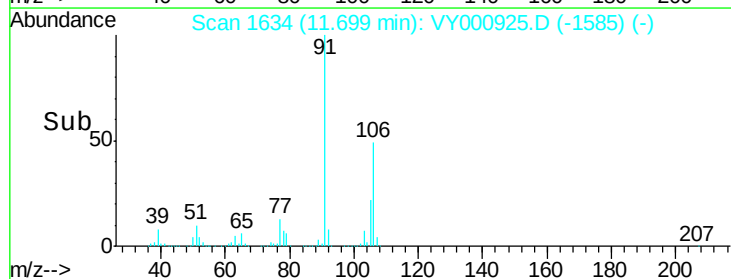
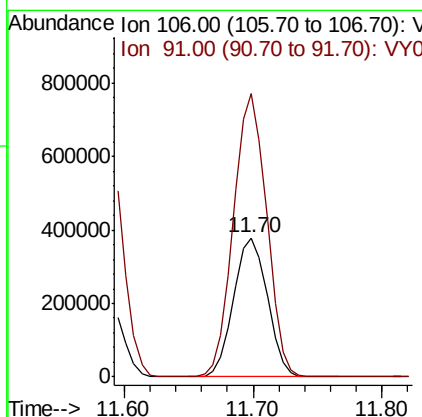
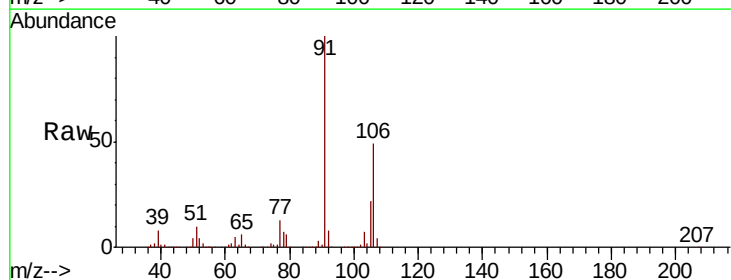
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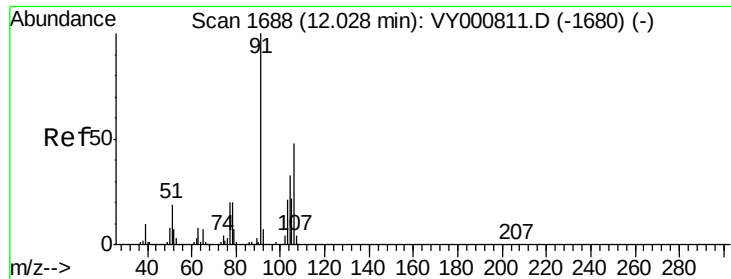
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#68
m/p-Xylenes
Concen: 98.822 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.1	159.6	239.4





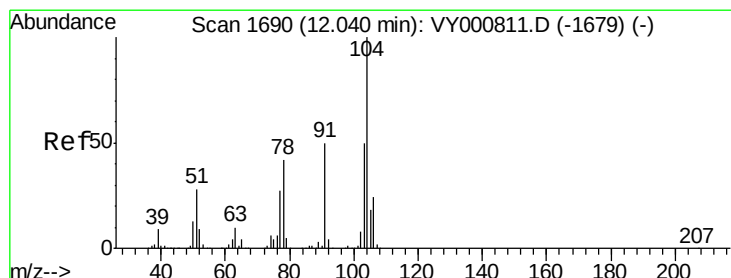
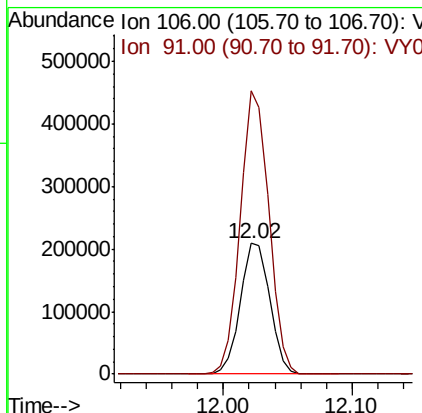
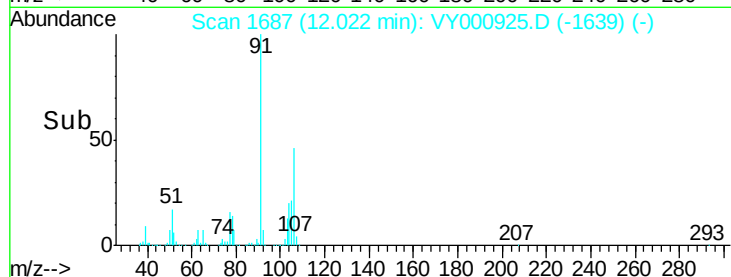
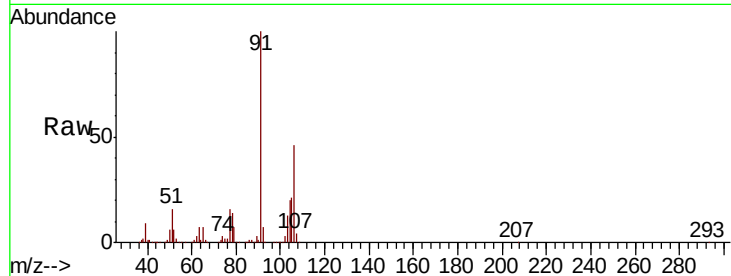
#69
o-Xylene
Concen: 50.577 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.1	106.1	318.1

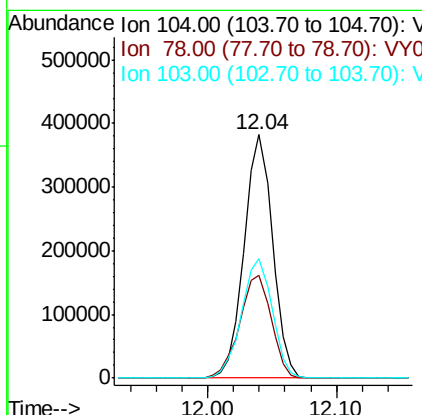
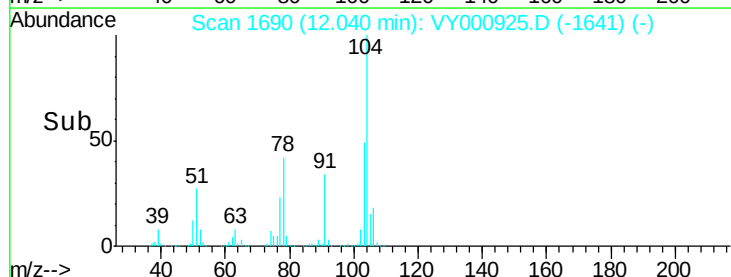
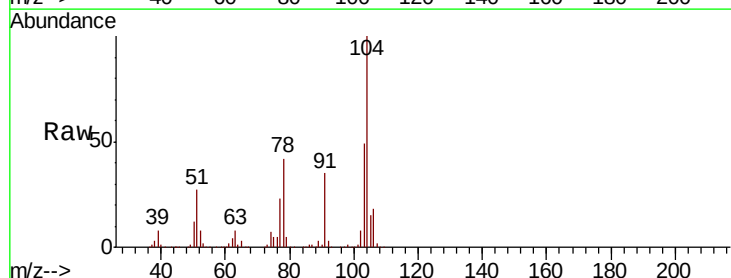
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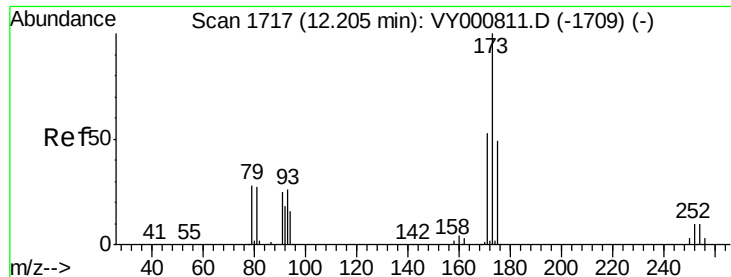
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#70
Styrene
Concen: 52.300 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.2	57.4
103	53.2	43.4	65.0





#71

Bromoform

Concen: 53.207 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 101168

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

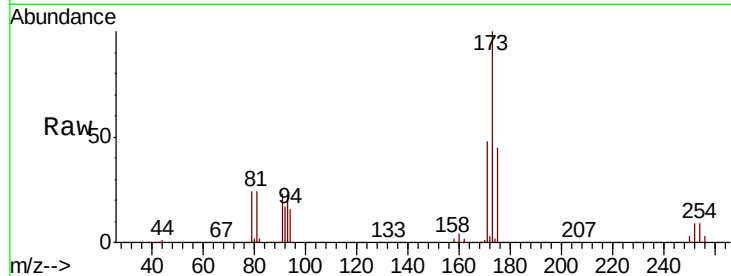
254 0.1 0.0 0.0#

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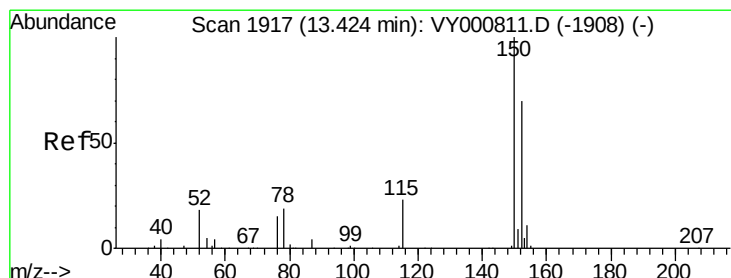
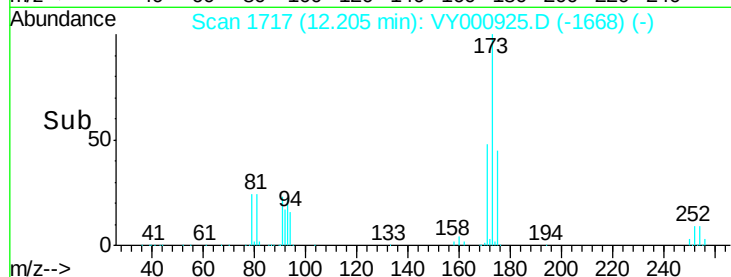
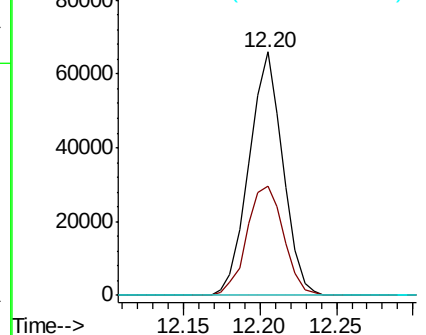
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1916

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

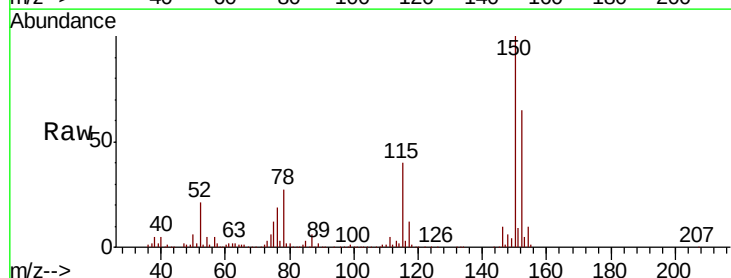
Tgt Ion:152 Resp: 224717

Ion Ratio Lower Upper

152 100

115 59.8 29.3 87.8

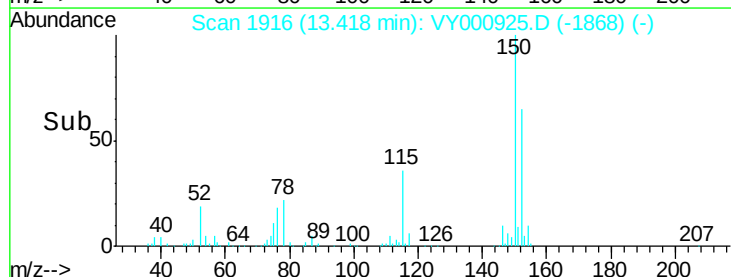
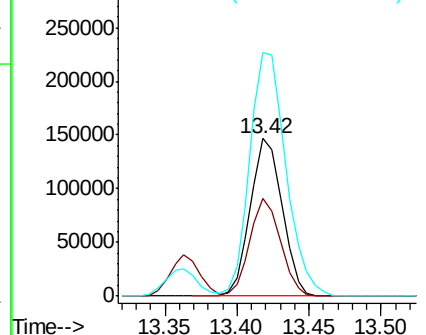
150 175.0 0.0 351.2

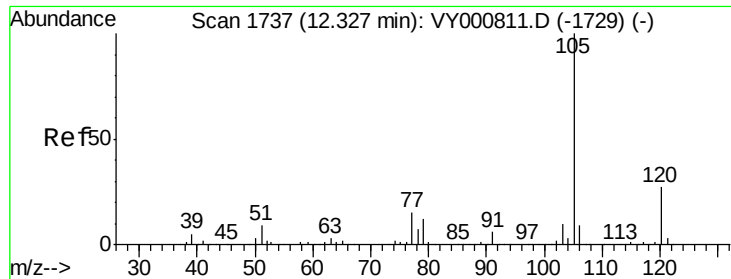


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.639 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 888165

Ion Ratio Lower Upper

105 100

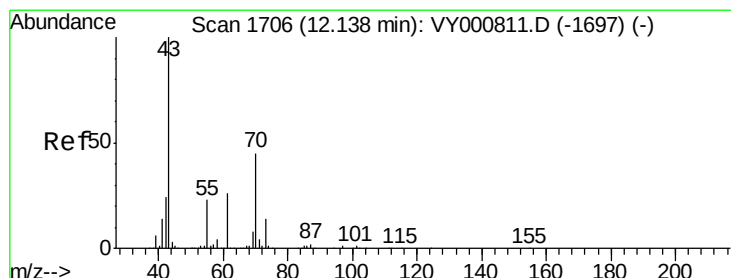
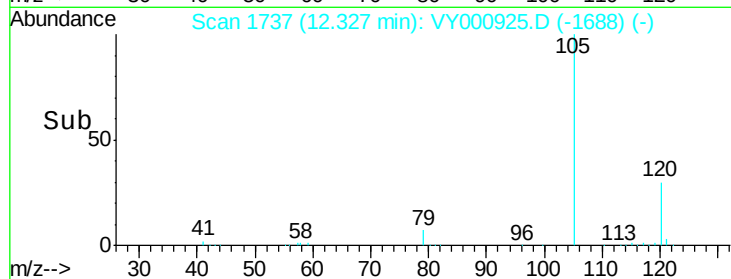
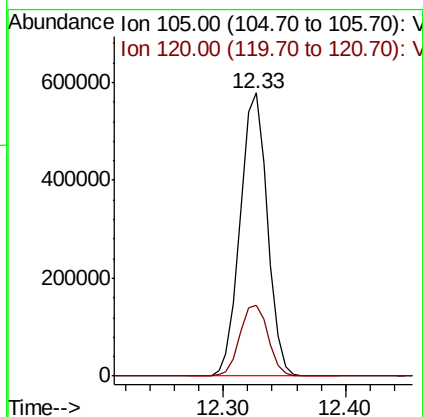
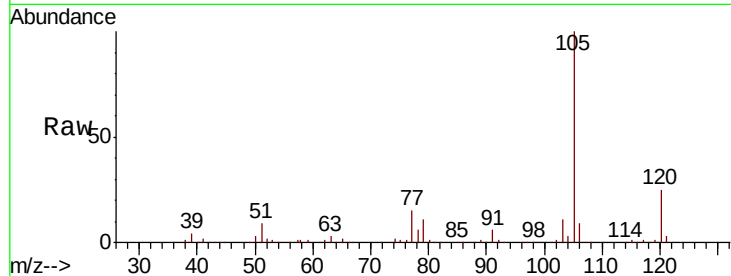
120 26.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 52.910 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion: 43 Resp: 263500

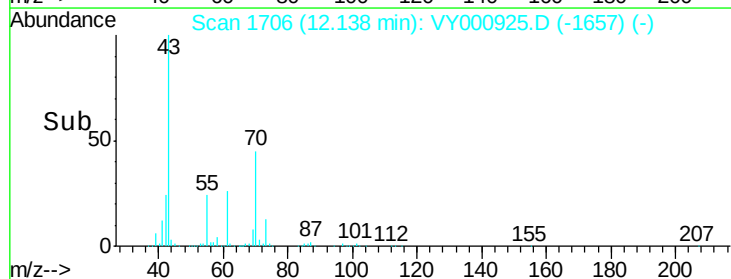
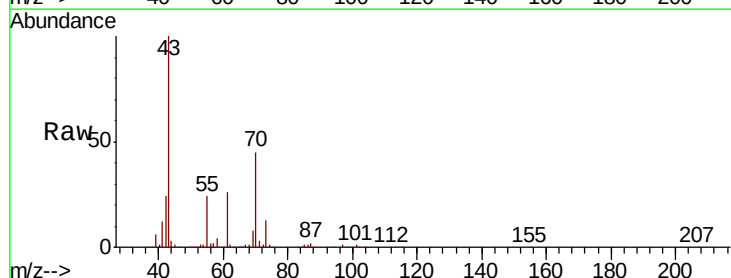
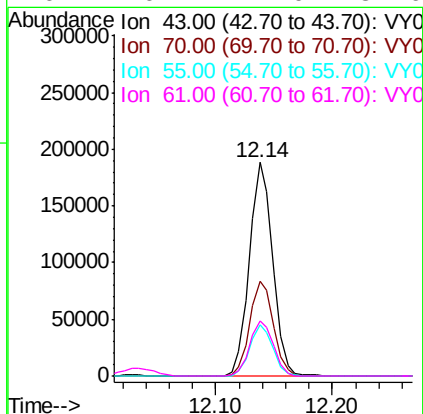
Ion Ratio Lower Upper

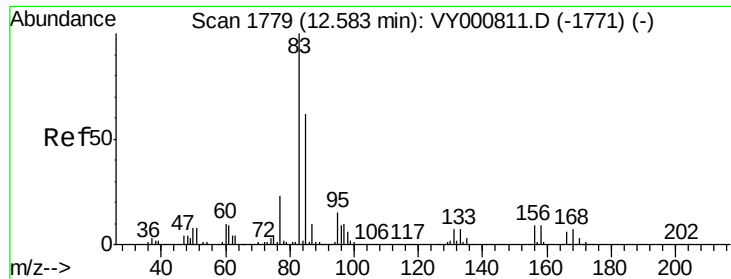
43 100

70 45.1 36.6 54.8

55 24.0 18.8 28.2

61 26.2 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.129 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

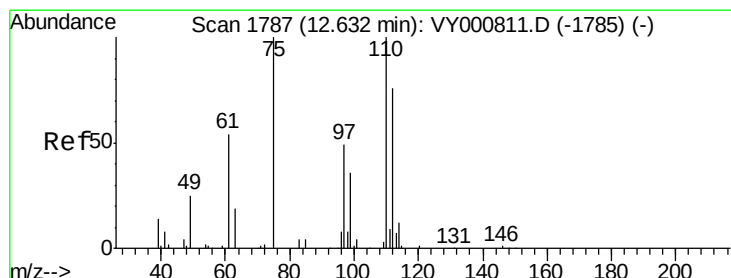
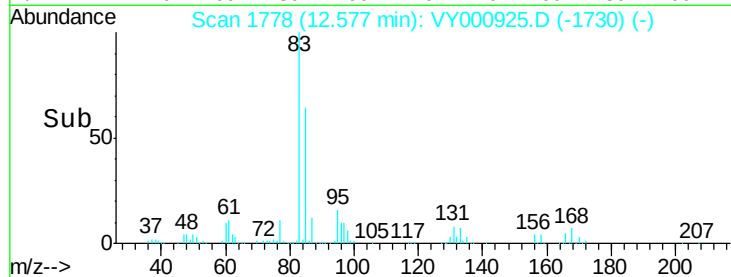
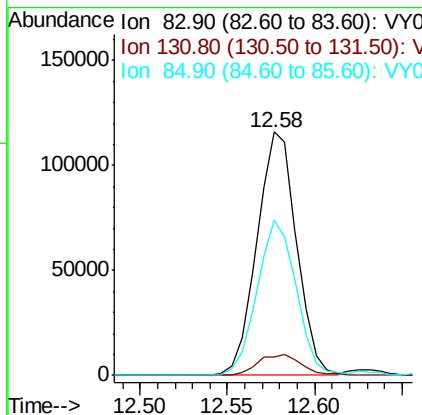
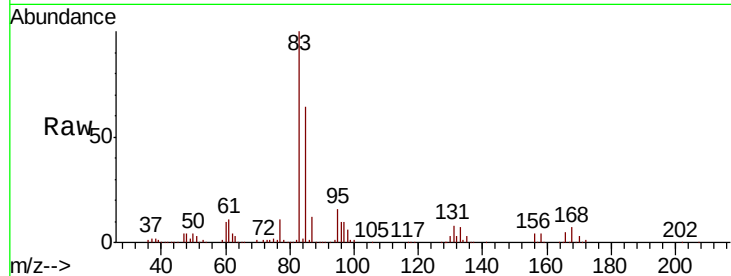
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	183781
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.3	13.1
85	63.2	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 58.895 ug/l m

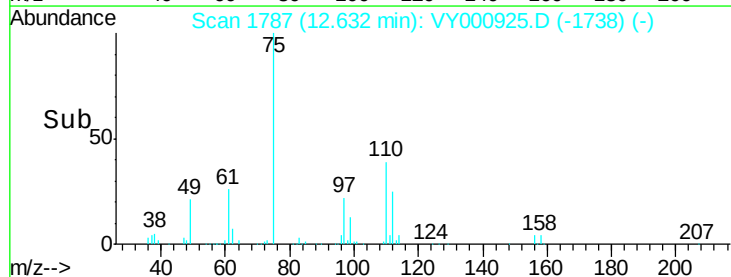
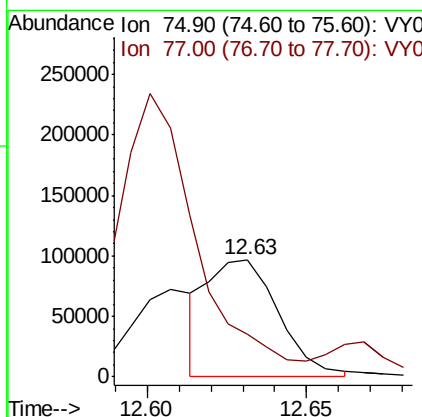
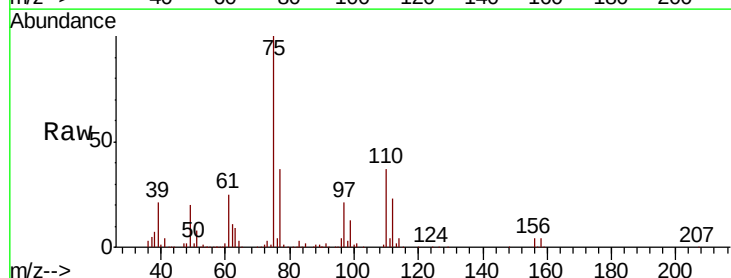
RT: 12.63 min Scan# 1787

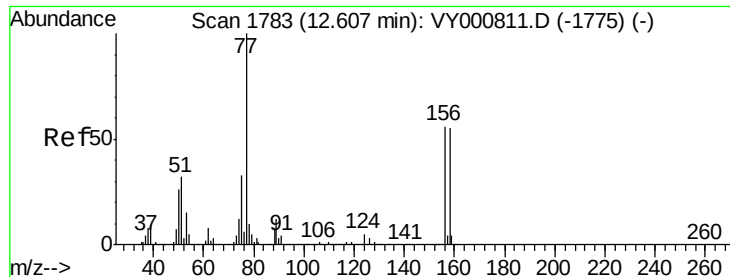
Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	75	Resp:	149948
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.948 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 197598

Ion Ratio Lower Upper

156 100

77 206.8 102.6 307.7

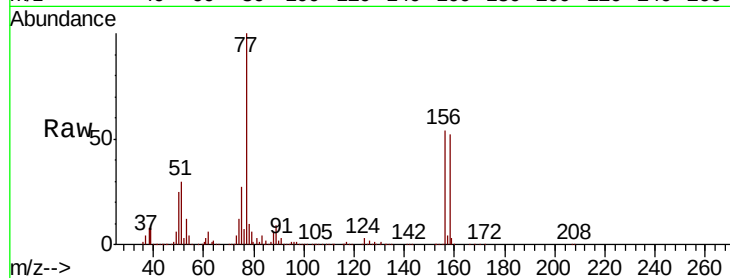
158 96.5 47.6 142.8

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V

300000

250000

200000

150000

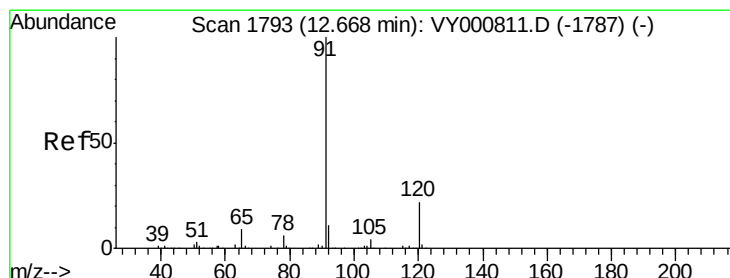
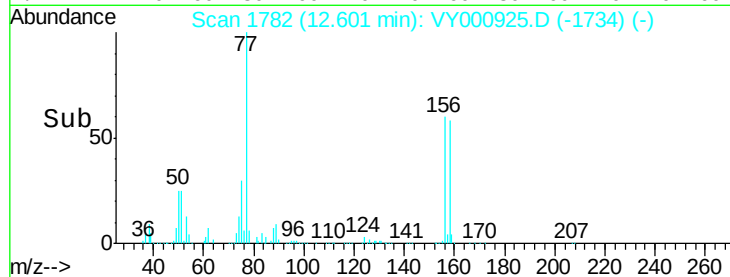
100000

50000

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 49.190 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000925.D

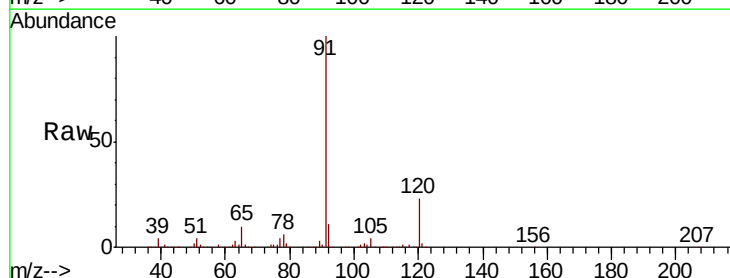
Acq: 09 Dec 2019 20:08

Tgt Ion: 91 Resp: 1074661

Ion Ratio Lower Upper

91 100

120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

800000

600000

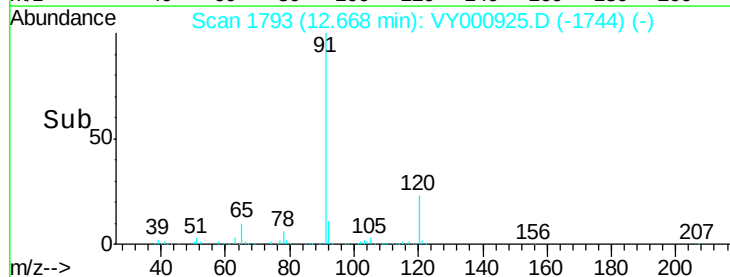
400000

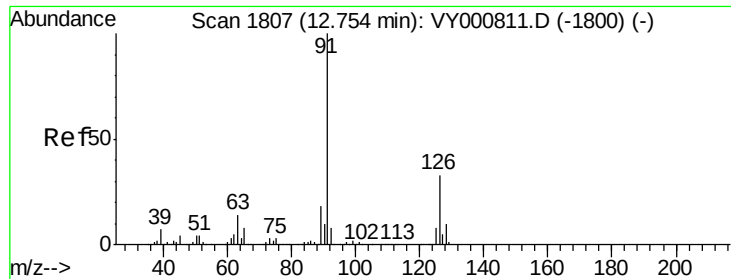
200000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 49.649 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 599232

Ion Ratio Lower Upper

91 100

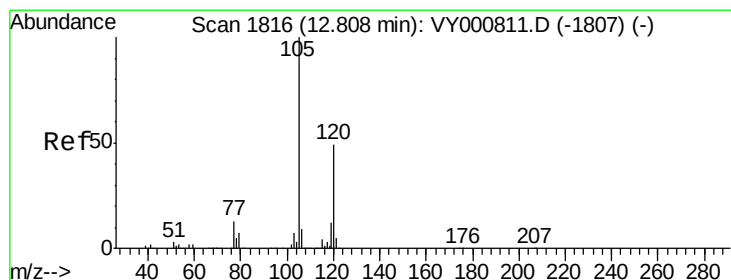
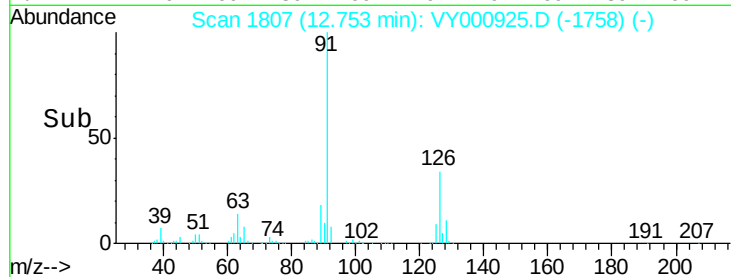
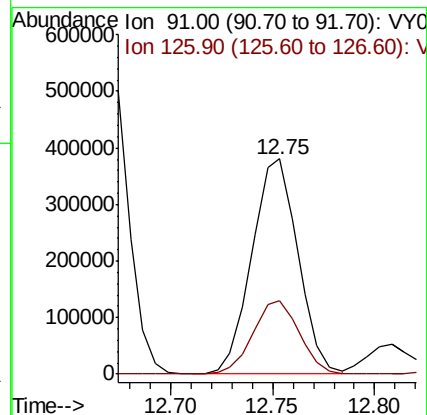
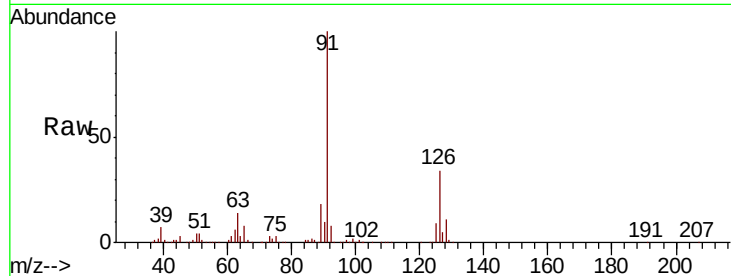
126 34.3 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.651 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000925.D

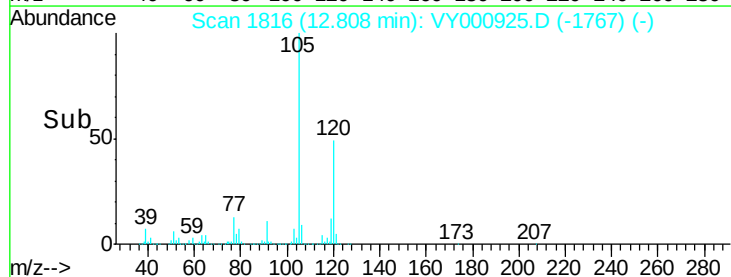
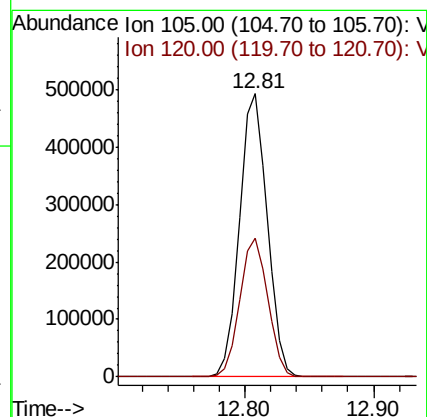
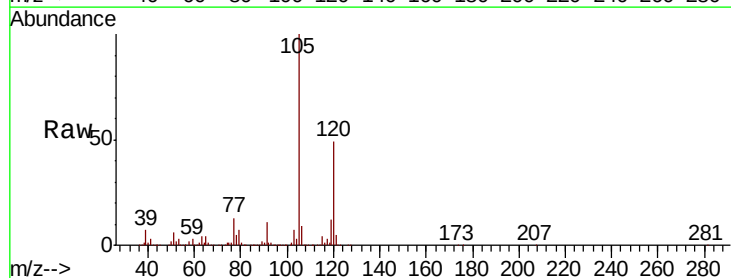
Acq: 09 Dec 2019 20:08

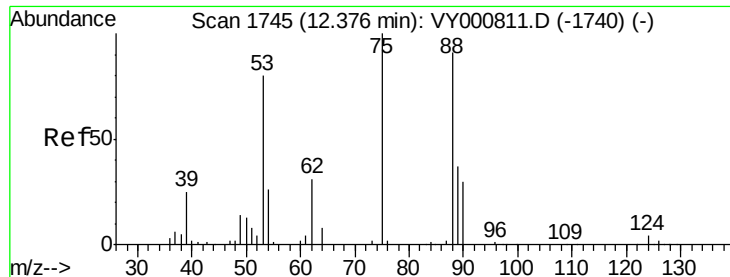
Tgt Ion: 105 Resp: 735556

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.529 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

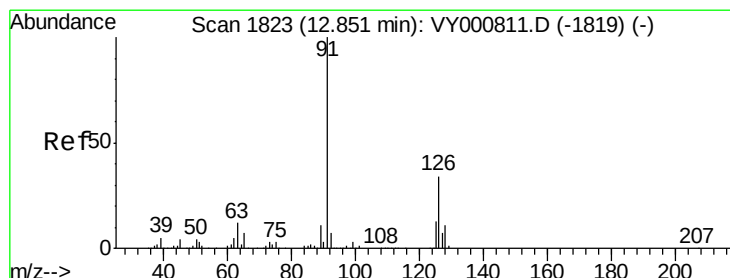
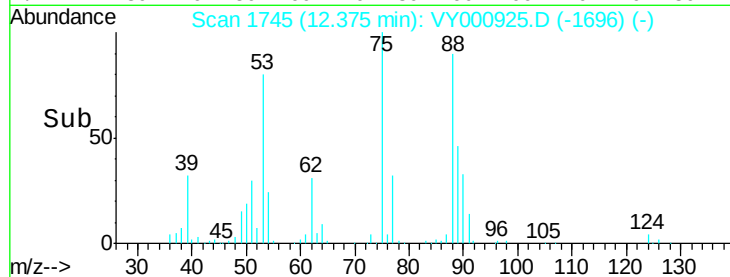
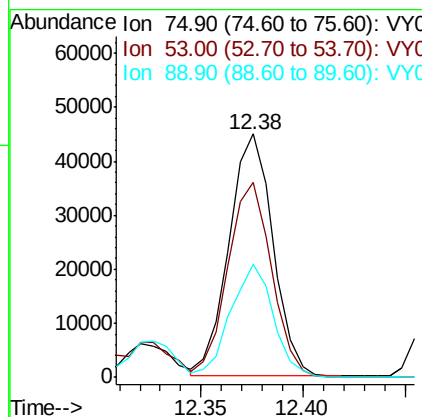
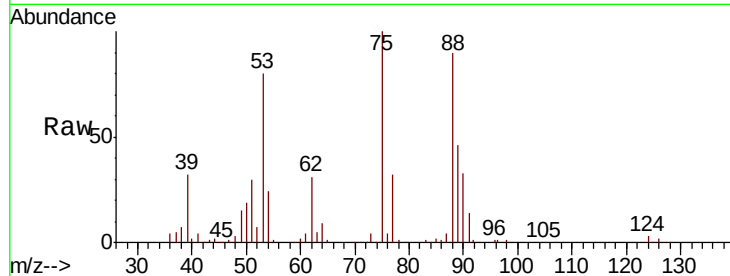
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	66790
Ion	Ratio	Lower	Upper
75	100		
53	80.9	64.6	96.8
89	45.8	33.6	50.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.990 ug/l

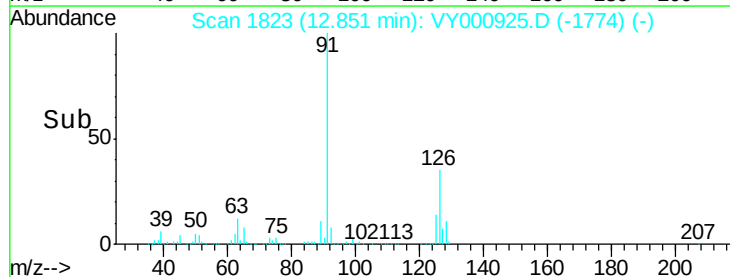
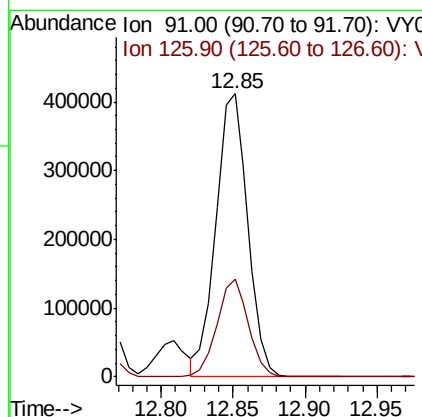
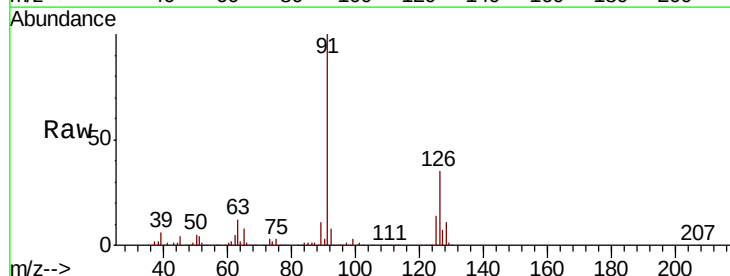
RT: 12.85 min Scan# 1823

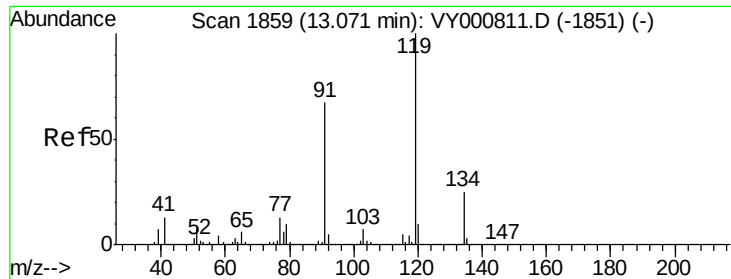
Delta R.T. -0.00 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Tgt Ion:	91	Resp:	634043
Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.3	51.9





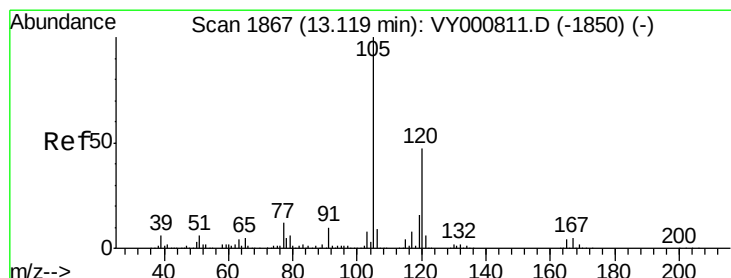
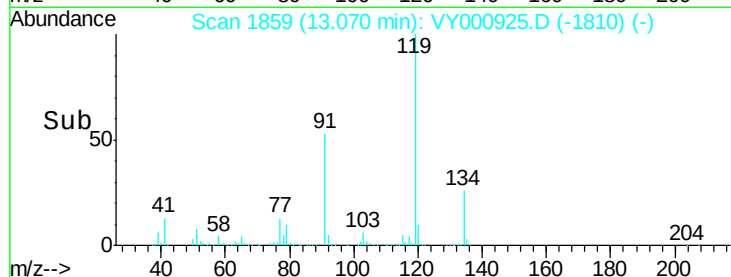
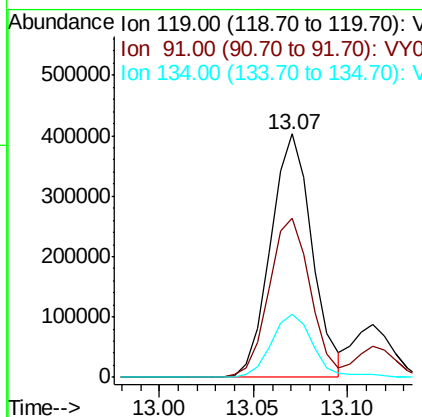
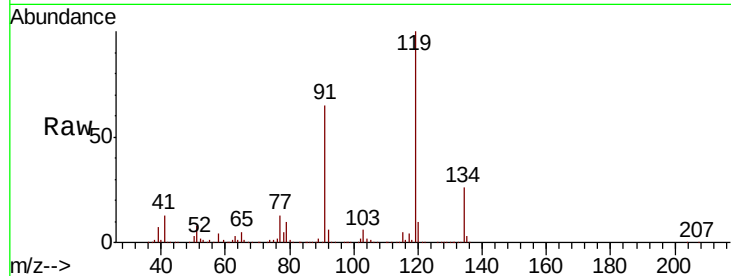
#83
 tert-Butylbenzene
 Concen: 49.219 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.3	96.8
134	26.5	12.9	38.7

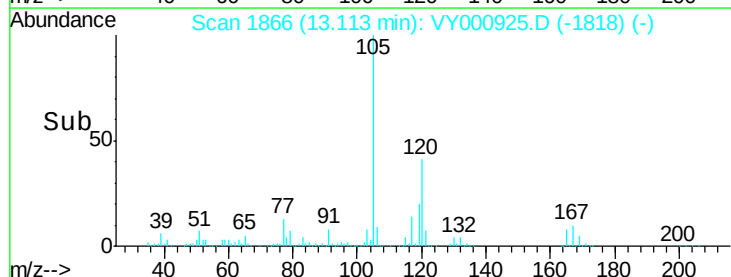
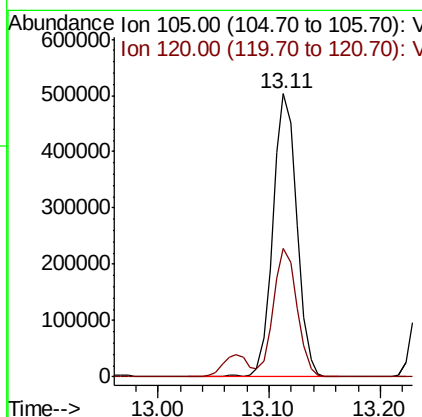
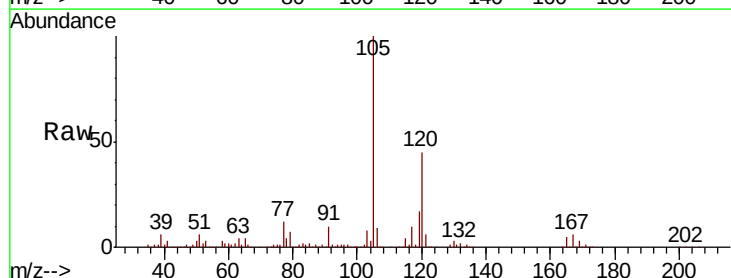
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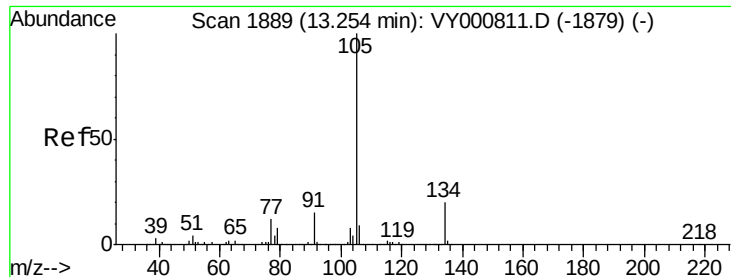
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.626 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8





#85

sec-Butylbenzene

Concen: 49.473 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 896173

Ion Ratio Lower Upper

105 100

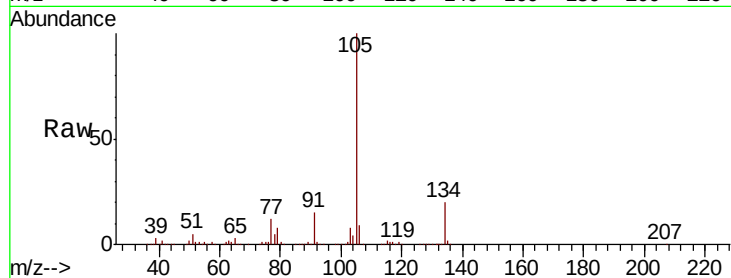
134 20.1 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

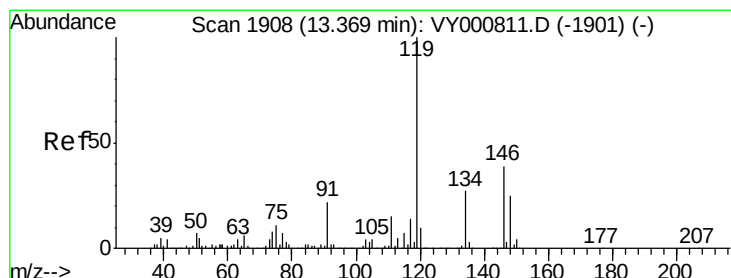
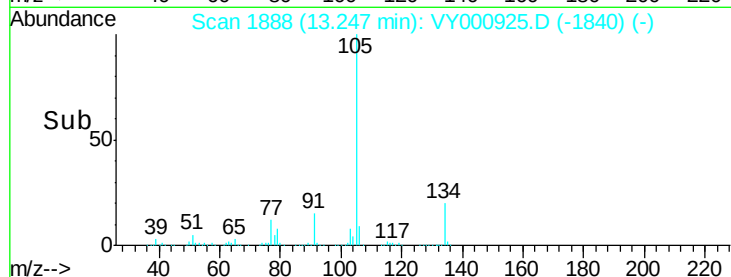
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.513 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000925.D

Acq: 09 Dec 2019 20:08

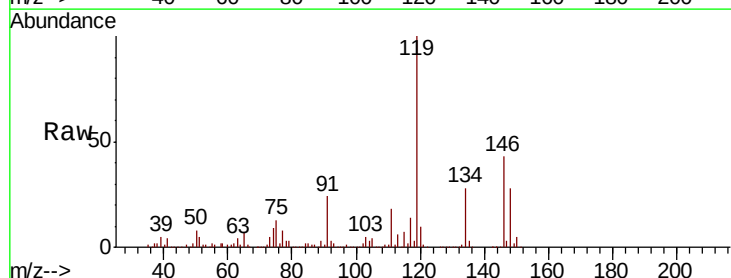
Tgt Ion:119 Resp: 780093

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 23.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.36

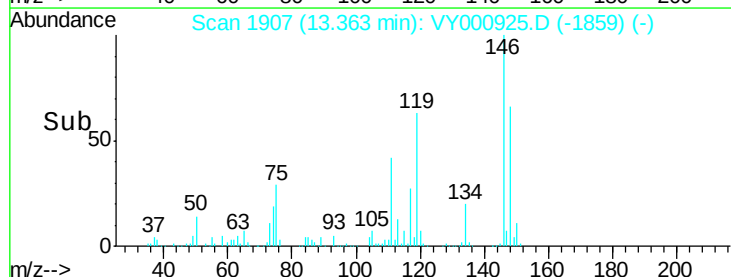
600000

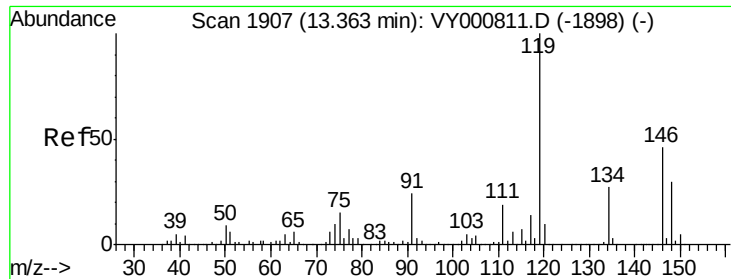
400000

200000

0

Time-->





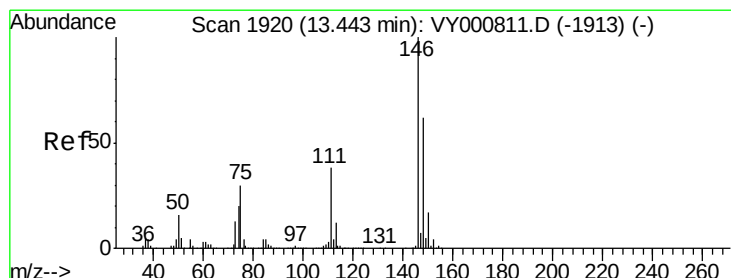
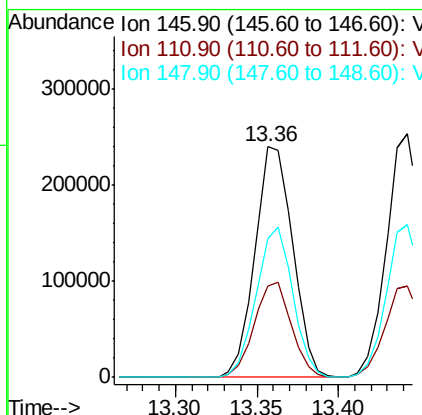
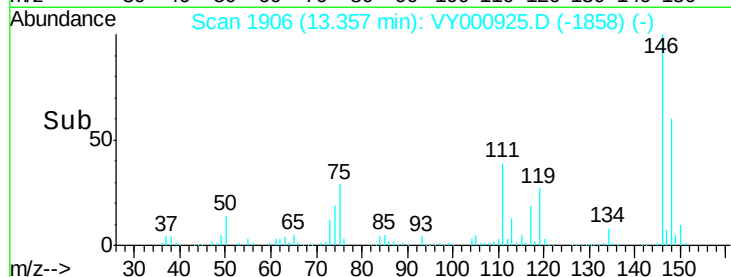
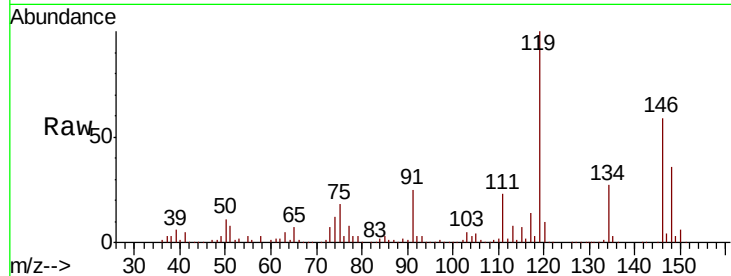
#87
 1,3-Dichlorobenzene
 Concen: 50.829 ug/l
 RT: 13.36 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	60.0
148	62.8	32.1	96.5

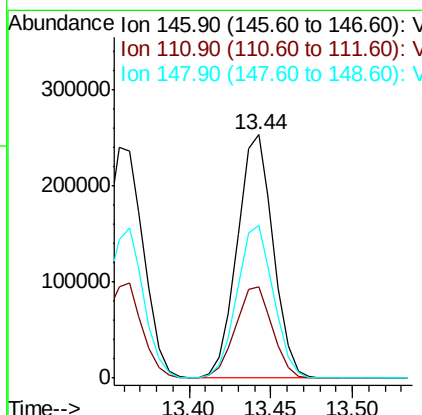
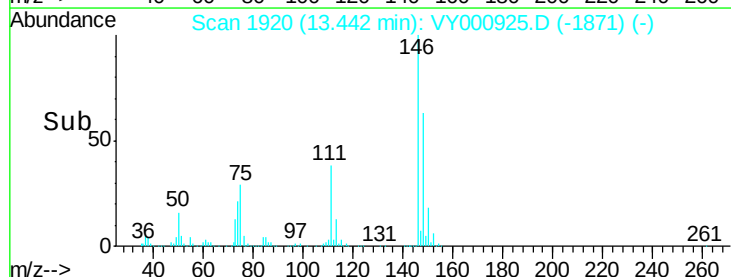
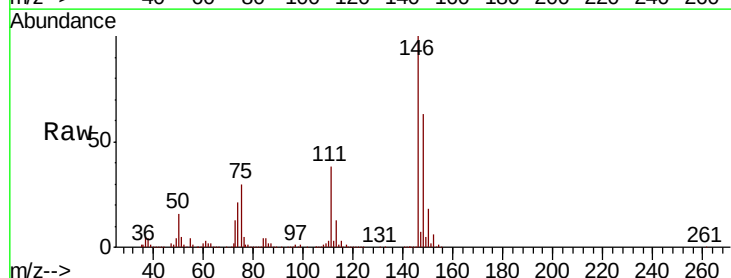
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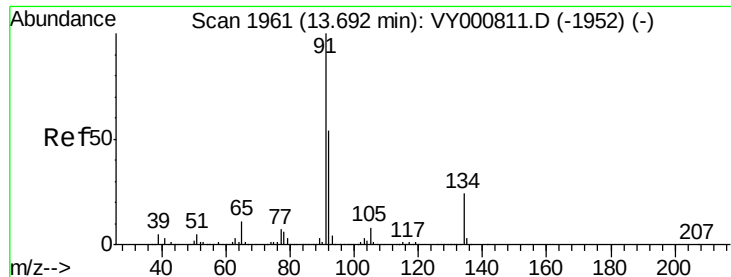
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#88
 1,4-Dichlorobenzene
 Concen: 51.569 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.0	59.9
148	63.4	31.7	95.1





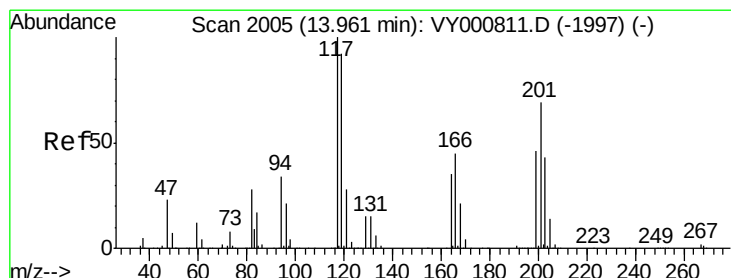
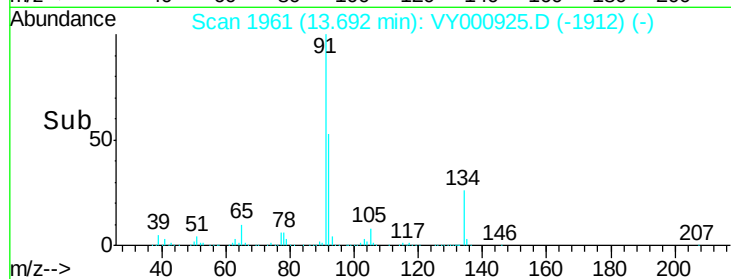
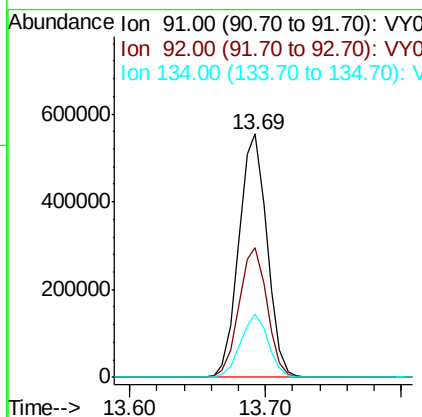
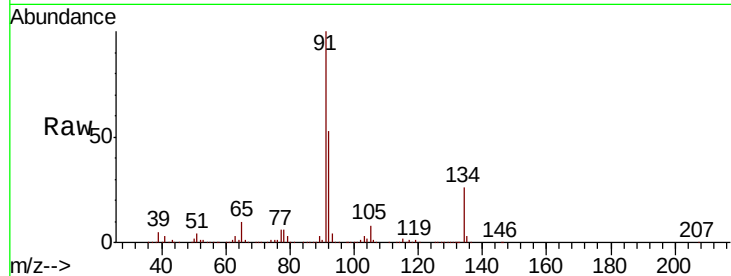
#89
n-Butylbenzene
Concen: 50.158 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.9	80.7
134	25.3	12.6	37.6

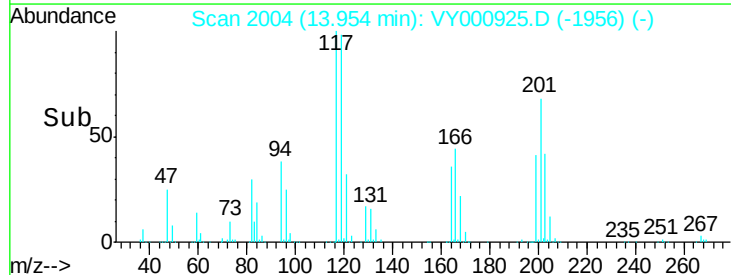
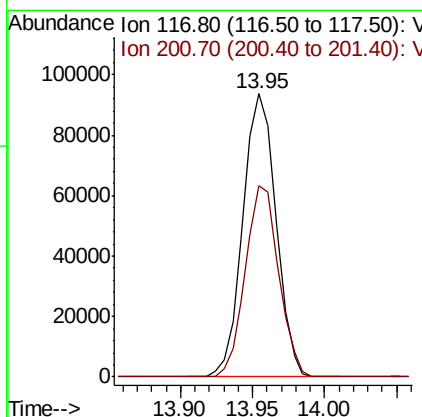
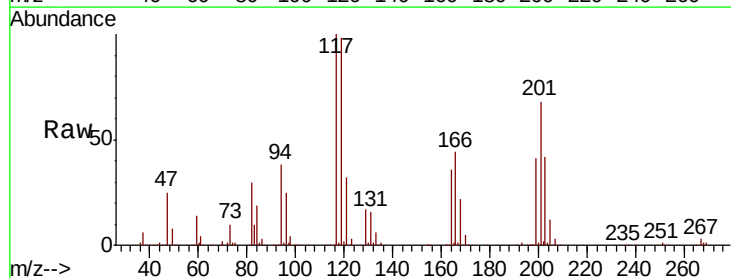
Manual Integrations
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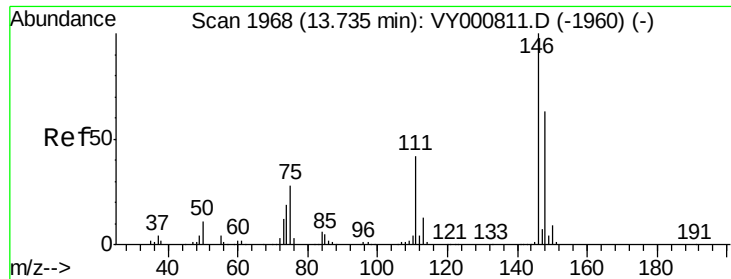
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#90
Hexachloroethane
Concen: 51.416 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.0	102.0





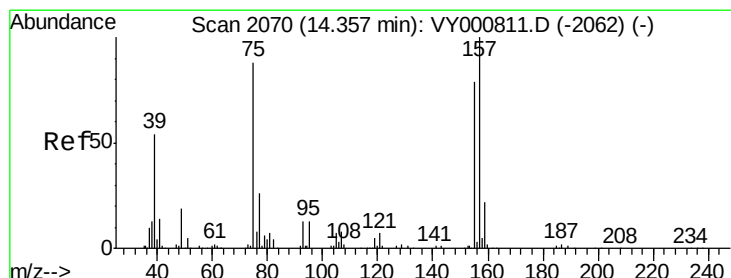
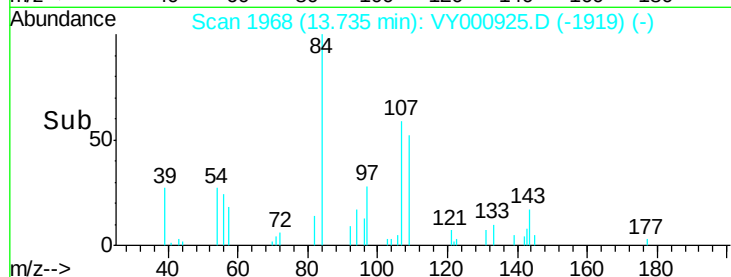
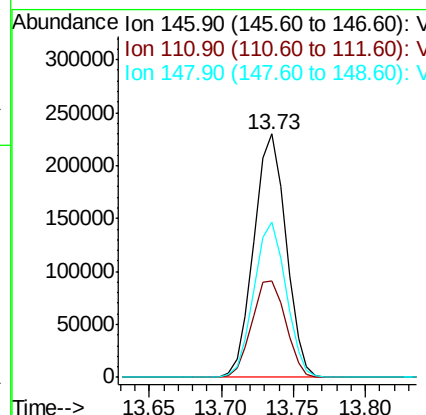
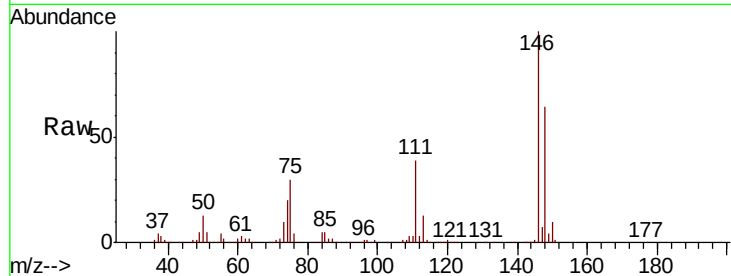
#91
 1,2-Dichlorobenzene
 Concen: 51.867 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.7
148	64.0	32.1	96.3

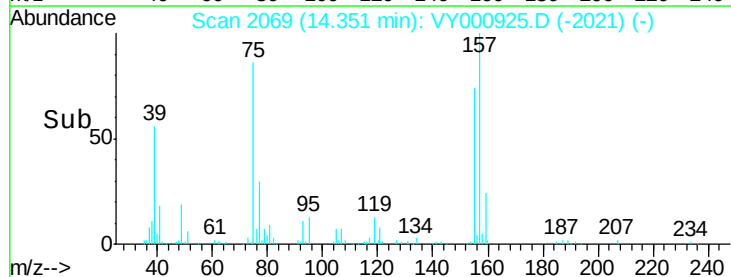
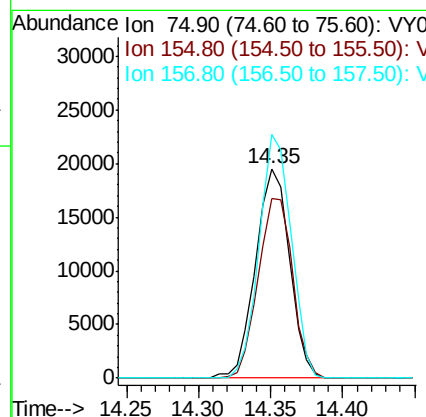
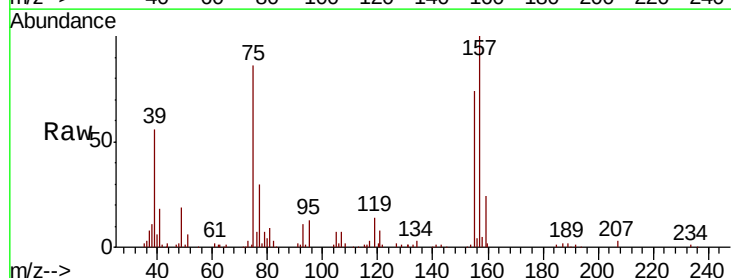
Manual Integrations
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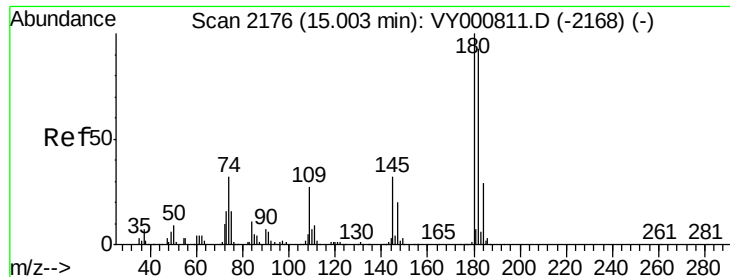
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 12/10/2019 4:09:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.151 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	44.3	132.9
157	109.4	56.3	168.9





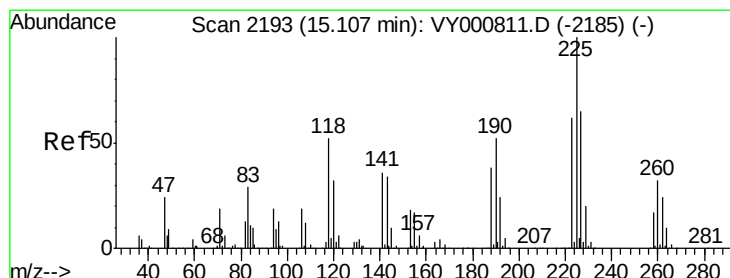
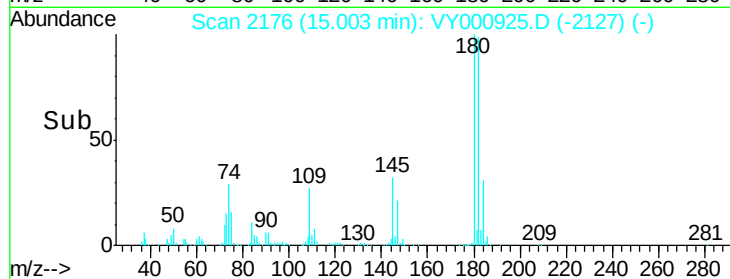
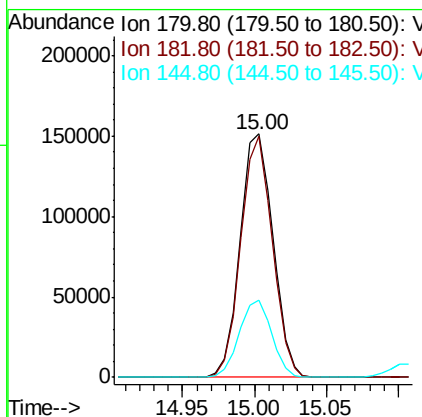
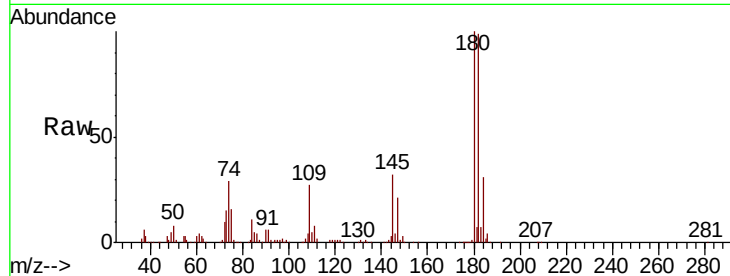
#93
 1,2,4-Trichlorobenzene
 Concen: 51.832 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.0	47.3	141.9	
145	31.4	16.0	47.9	

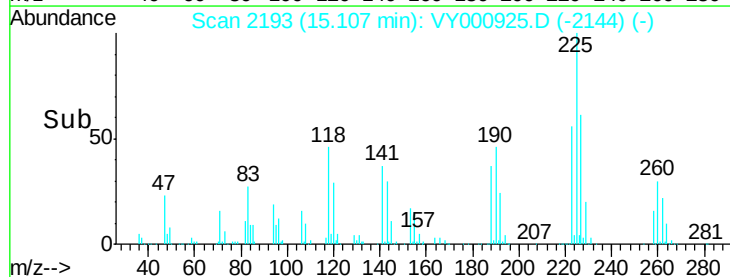
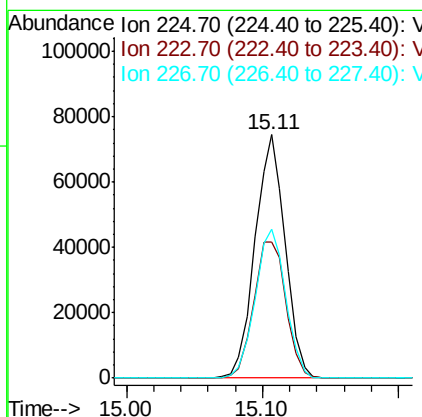
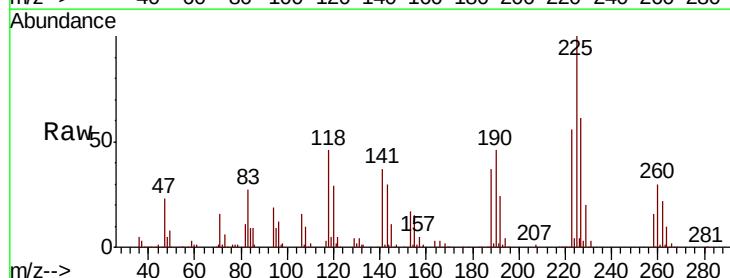
Manual Integrations
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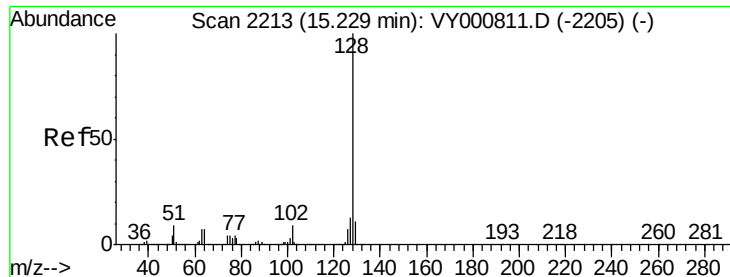
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#94
 Hexachlorobutadiene
 Concen: 50.195 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000925.D
 Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	31.4	94.3	
227	62.3	31.8	95.3	





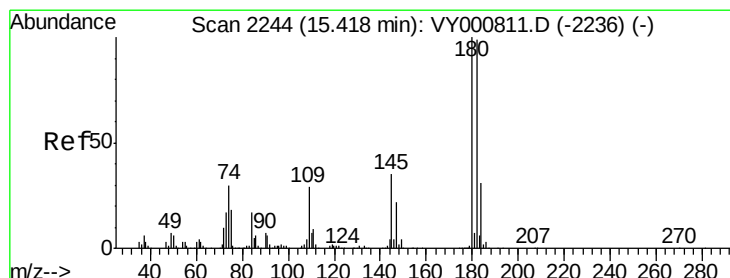
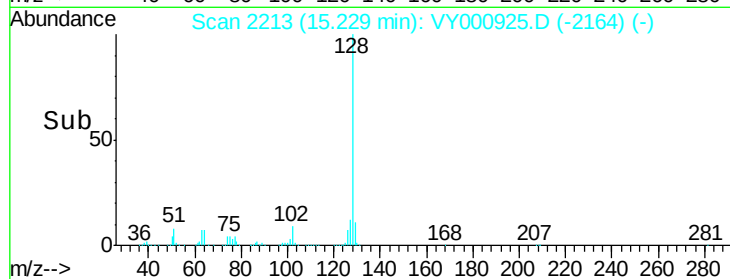
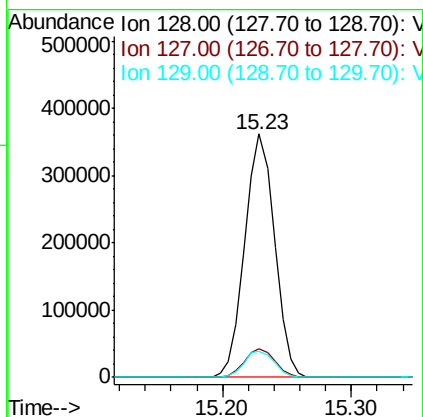
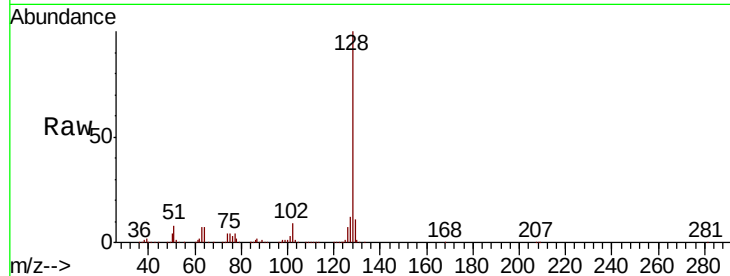
#95
Naphthalene
Concen: 53.858 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	11.0	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.962 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000925.D
Acq: 09 Dec 2019 20:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.0	144.0
145	32.8	16.9	50.6

