

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017242.D
 Acq On : 05 Feb 2024 20:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 01:05:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	112227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	50867	50.737	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.480%	
35) Dibromofluoromethane	7.722	113	53429	50.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.740%	
50) Toluene-d8	10.185	98	202964	53.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.489	95	63818	50.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	38567	45.332	ug/l	100
3) Chloromethane	2.119	50	76109	49.798	ug/l	98
4) Vinyl Chloride	2.253	62	87817	47.151	ug/l	98
5) Bromomethane	2.656	94	66089	51.191	ug/l	96
6) Chloroethane	2.796	64	58573	48.707	ug/l	99
7) Trichlorofluoromethane	3.131	101	91554	47.805	ug/l	97
8) Diethyl Ether	3.534	74	30694	50.951	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.906	101	57416	49.456	ug/l	100
10) Methyl Iodide	4.101	142	53662	43.967	ug/l	97
11) Tert butyl alcohol	4.972	59	18286	214.348	ug/l	97
12) 1,1-Dichloroethene	3.875	96	54439	50.044	ug/l	98
13) Acrolein	3.735	56	20192	242.726	ug/l	98
14) Allyl chloride	4.485	41	84403	51.322	ug/l	99
15) Acrylonitrile	5.174	53	67418	248.559	ug/l	99
16) Acetone	3.954	43	53860	182.782	ug/l	97
17) Carbon Disulfide	4.204	76	178086	51.284	ug/l	99
18) Methyl Acetate	4.485	43	37179	56.559	ug/l	99
19) Methyl tert-butyl Ether	5.229	73	129651	49.487	ug/l	100
20) Methylene Chloride	4.729	84	65869	54.924	ug/l	96
21) trans-1,2-Dichloroethene	5.229	96	64956	52.488	ug/l	95
22) Diisopropyl ether	6.125	45	189539	52.482	ug/l	97
23) Vinyl Acetate	6.070	43	525791	240.276	ug/l	99
24) 1,1-Dichloroethane	6.027	63	116225	52.534	ug/l	99
25) 2-Butanone	6.996	43	85549	218.390	ug/l	96
26) 2,2-Dichloropropane	6.990	77	83867	45.574	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	72473	52.361	ug/l	98
28) Bromochloromethane	7.344	49	42749	50.464	ug/l	100
29) Tetrahydrofuran	7.356	42	55719	251.799	ug/l	98
30) Chloroform	7.515	83	114779	51.572	ug/l	100
31) Cyclohexane	7.795	56	98707	48.846	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	97286	50.819	ug/l	99
36) 1,1-Dichloropropene	7.923	75	90208	49.793	ug/l	100
37) Ethyl Acetate	7.082	43	38300	45.581	ug/l	99
38) Carbon Tetrachloride	7.905	117	85110	49.066	ug/l	98
39) Methylcyclohexane	9.191	83	105379	49.789	ug/l	98
40) Benzene	8.167	78	267778	51.759	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18574	46.655	ug/l #	89
42) 1,2-Dichloroethane	8.240	62	65933	48.134	ug/l	100
43) Isopropyl Acetate	8.277	43	71502	48.070	ug/l	100
44) Trichloroethene	8.947	130	67655	51.516	ug/l	95
45) 1,2-Dichloropropane	9.222	63	65133	51.255	ug/l	99
46) Dibromomethane	9.313	93	33830	49.283	ug/l	100
47) Bromodichloromethane	9.502	83	86644	50.436	ug/l	99
48) Methyl methacrylate	9.301	41	34588	49.575	ug/l	99
49) 1,4-Dioxane	9.307	88	7163	958.702	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	197785	248.055	ug/l	99
52) Toluene	10.252	92	162047	51.891	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	78563	48.687	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	95087	49.197	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	46765	50.073	ug/l	98
56) Ethyl methacrylate	10.514	69	58719	46.926	ug/l	98
57) 1,3-Dichloropropane	10.795	76	80215	49.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	146000	250.931	ug/l	99
59) 2-Hexanone	10.837	43	133932	232.294	ug/l	100
60) Dibromochloromethane	10.990	129	54462	49.707	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42215	48.601	ug/l	100
64) Tetrachloroethene	10.728	164	59593	53.680	ug/l	98
65) Chlorobenzene	11.526	112	164252	49.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	59872	49.961	ug/l	99
67) Ethyl Benzene	11.599	91	307725	51.635	ug/l	99
68) m/p-Xylenes	11.709	106	232487	102.795	ug/l	100
69) o-Xylene	12.038	106	107122	51.433	ug/l	99
70) Styrene	12.050	104	181169	52.794	ug/l	99
71) Bromoform	12.215	173	30802	49.080	ug/l #	98
73) Isopropylbenzene	12.337	105	287849	50.687	ug/l	100
74) N-amyl acetate	12.154	43	62505	48.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	53249	47.673	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	32319m	45.297	ug/l	
77) Bromobenzene	12.617	156	61868	49.115	ug/l	97
78) n-propylbenzene	12.678	91	352994	50.610	ug/l	99
79) 2-Chlorotoluene	12.764	91	191445	49.927	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	230668	51.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	15361	44.735	ug/l	97
82) 4-Chlorotoluene	12.861	91	192684	48.824	ug/l	98
83) tert-Butylbenzene	13.081	119	196217	50.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	226934	50.904	ug/l	98
85) sec-Butylbenzene	13.264	105	305593	50.503	ug/l	99
86) p-Isopropyltoluene	13.373	119	243526	50.364	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	124838	49.678	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	120280	49.267	ug/l	99
89) n-Butylbenzene	13.703	91	230621	50.164	ug/l	100
90) Hexachloroethane	13.971	117	49758	50.126	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	107431	50.219	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6808	46.793	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	56181	52.871	ug/l	98
94) Hexachlorobutadiene	15.117	225	31130	49.742	ug/l	99
95) Naphthalene	15.245	128	107098	49.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	48073	53.194	ug/l	98

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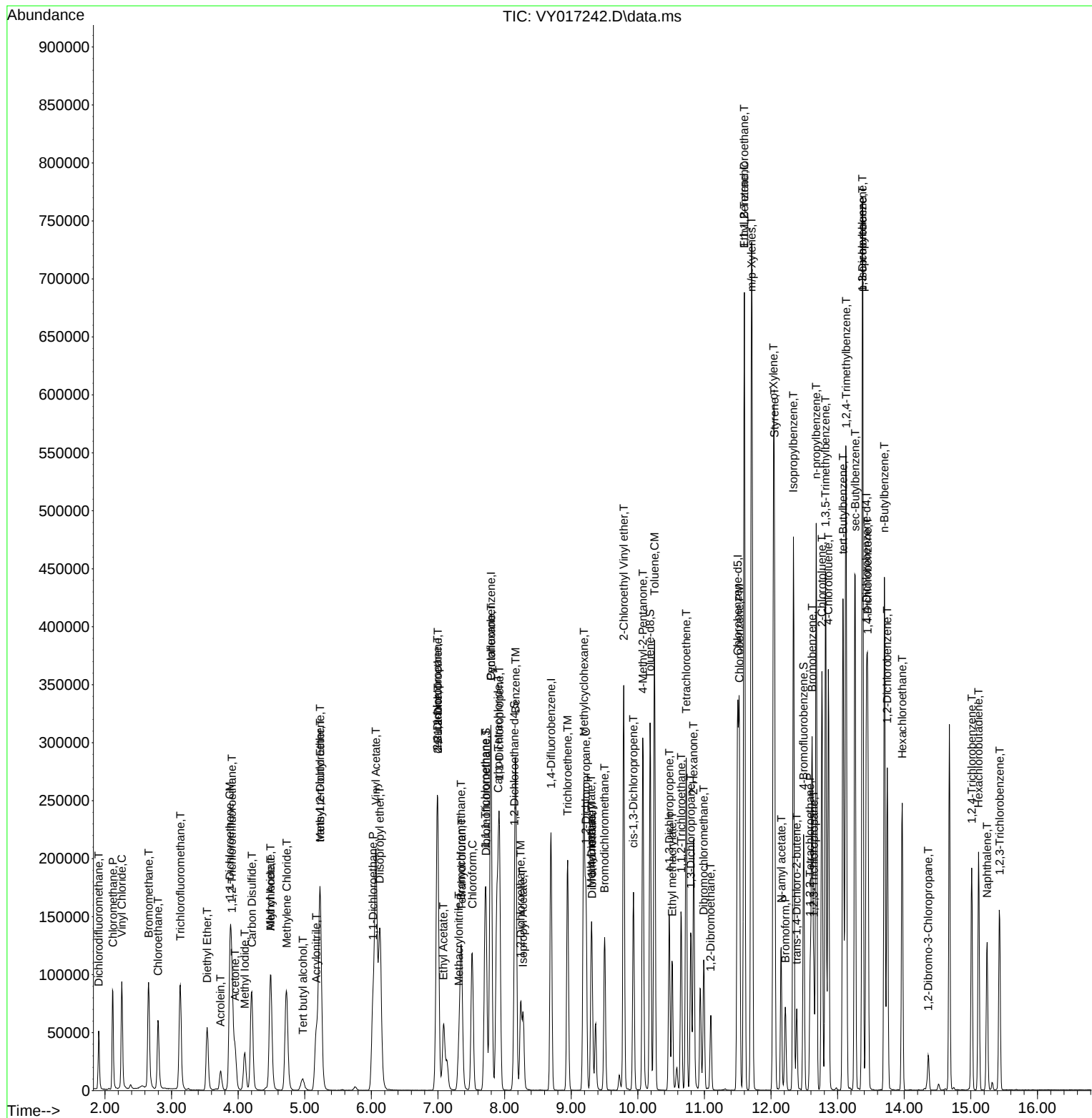
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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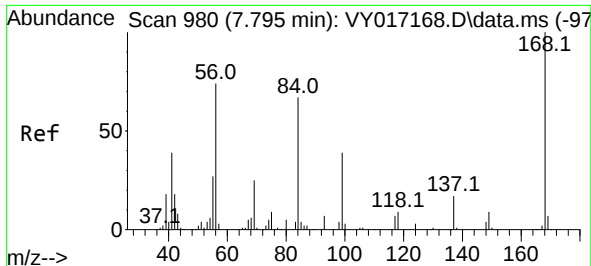
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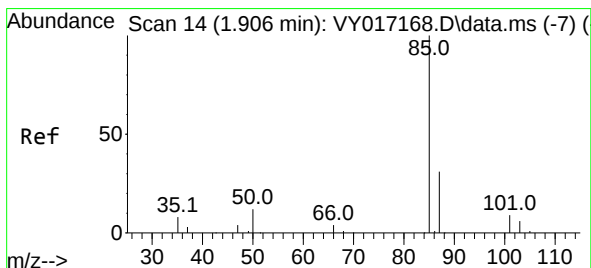
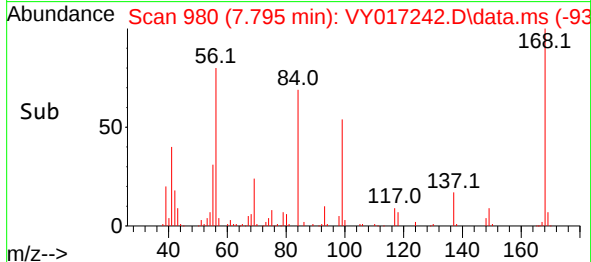
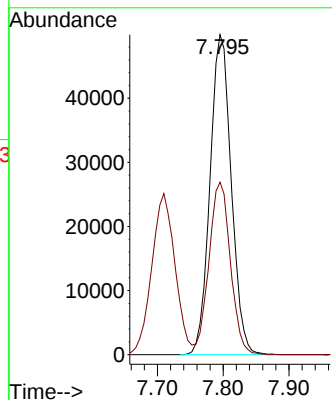
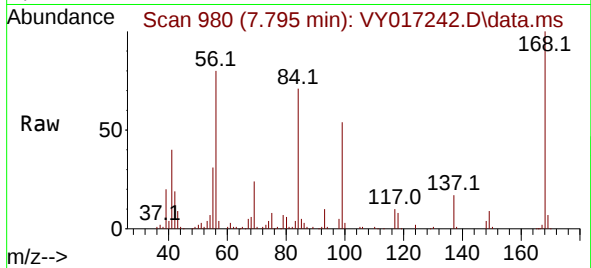




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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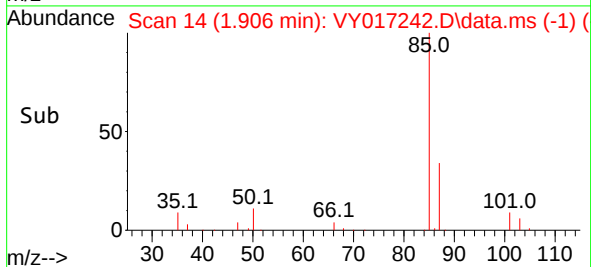
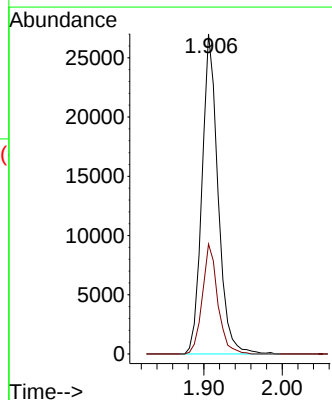
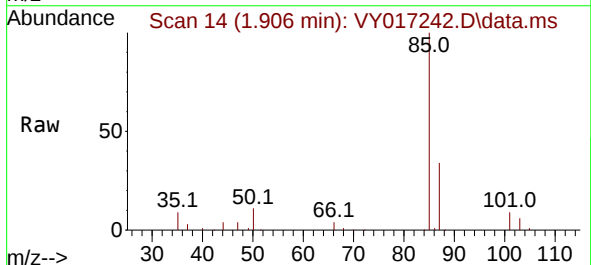
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

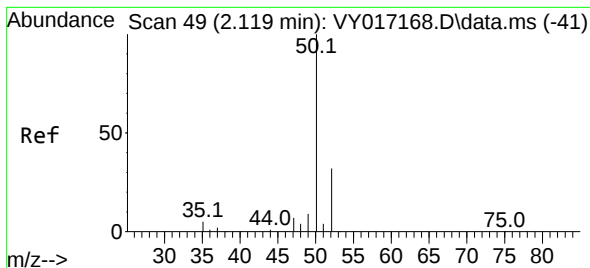
Tgt Ion:168 Resp: 112227
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 45.332 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 85 Resp: 38567
Ion Ratio Lower Upper
85 100
87 34.4 17.1 51.3





#3

Chloromethane

Concen: 49.798 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

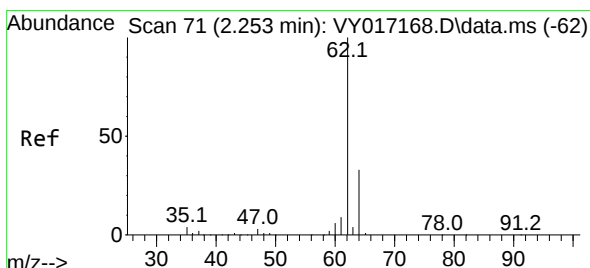
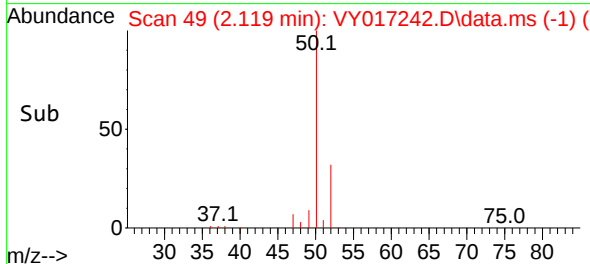
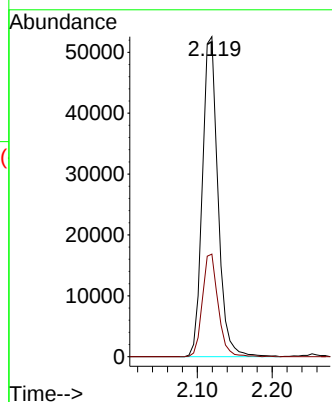
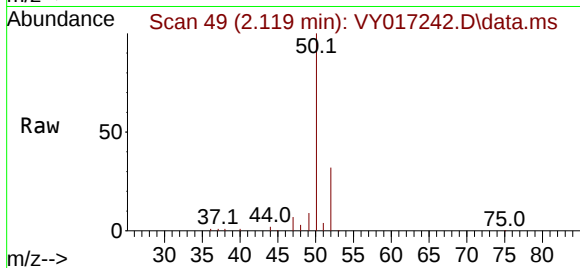
VSTDC050EC

Tgt Ion: 50 Resp: 76109

Ion Ratio Lower Upper

50 100

52 32.0 26.7 40.1



#4

Vinyl Chloride

Concen: 47.151 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY017242.D

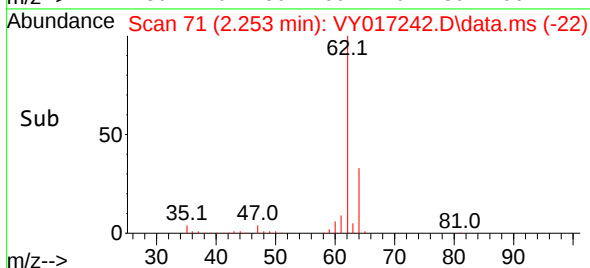
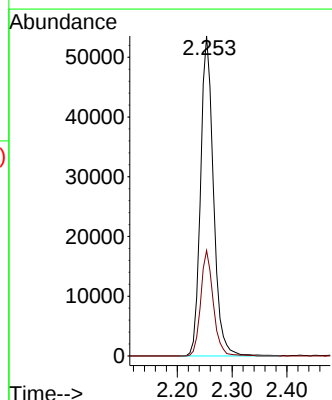
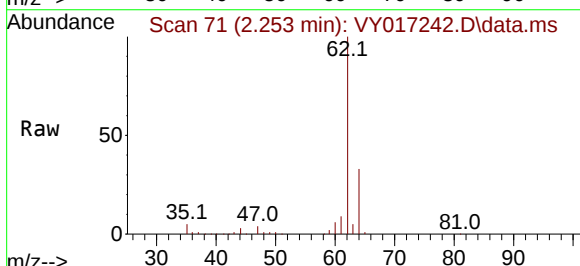
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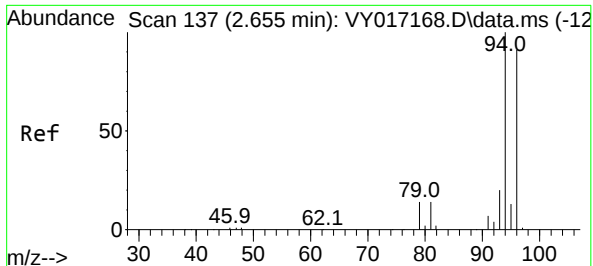
Tgt Ion: 62 Resp: 87817

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5

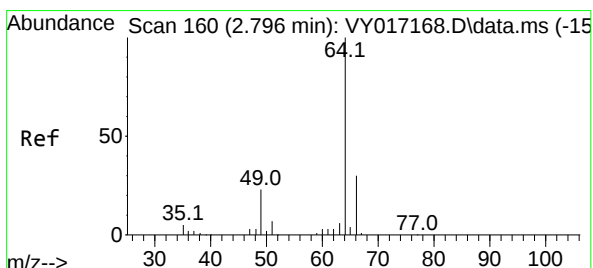
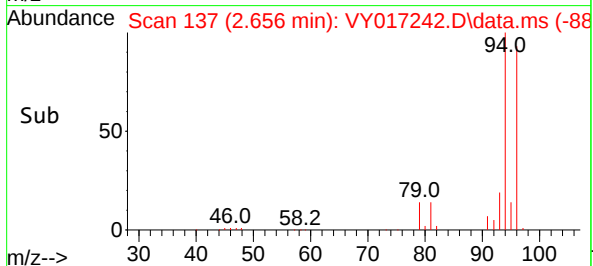
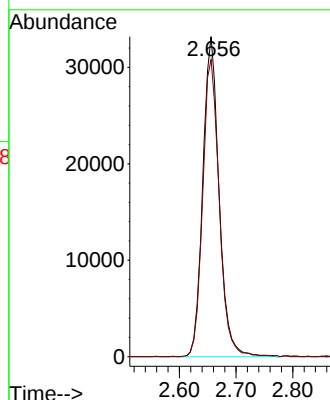
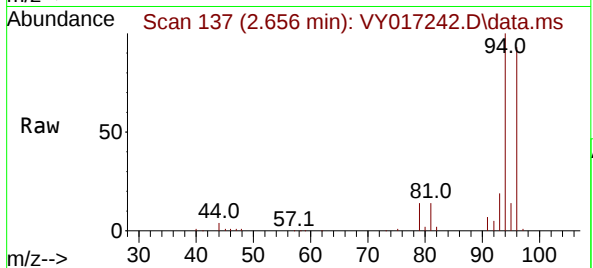




#5
Bromomethane
Concen: 51.191 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017242.D
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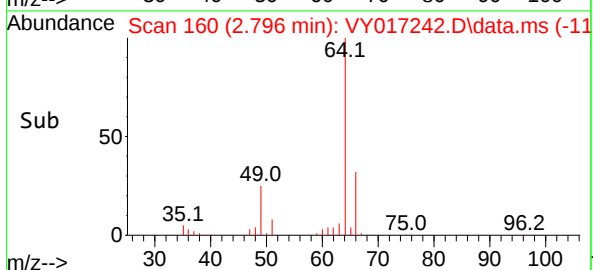
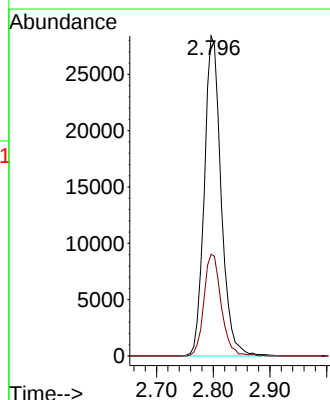
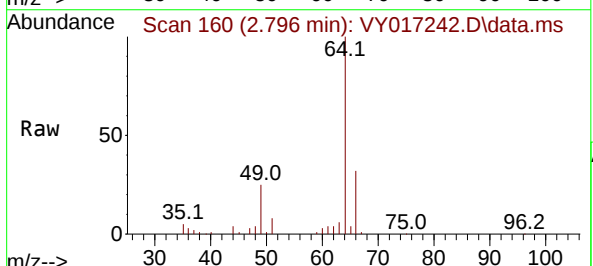
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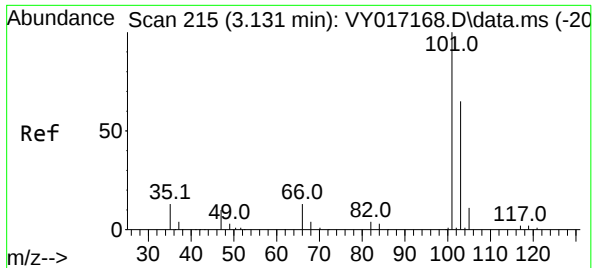
Tgt Ion: 94 Resp: 66089
Ion Ratio Lower Upper
94 100
96 92.8 77.3 115.9



#6
Chloroethane
Concen: 48.707 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY017242.D
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Tgt Ion: 64 Resp: 58573
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7

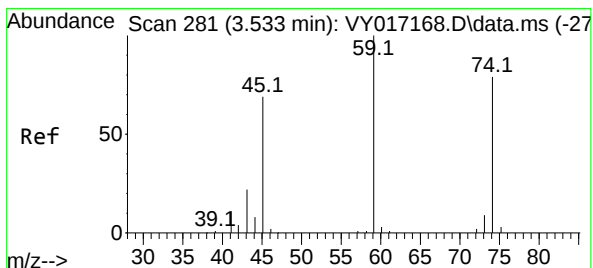
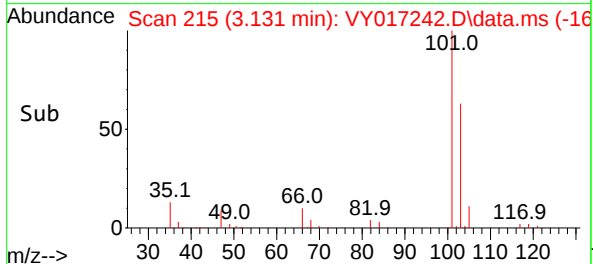
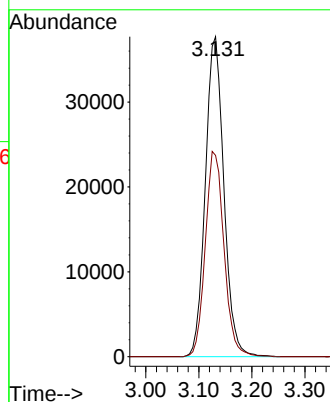
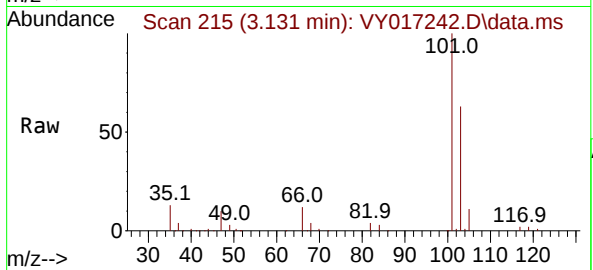




#7
 Trichlorofluoromethane
 Concen: 47.805 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017242.D
 Acq: 05 Feb 2024 20:22

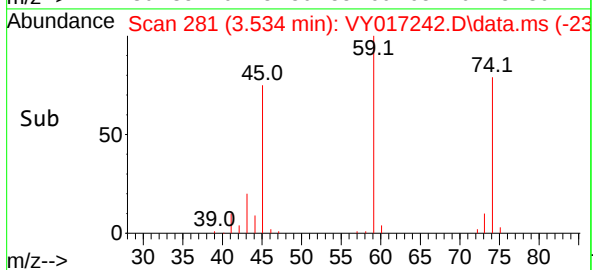
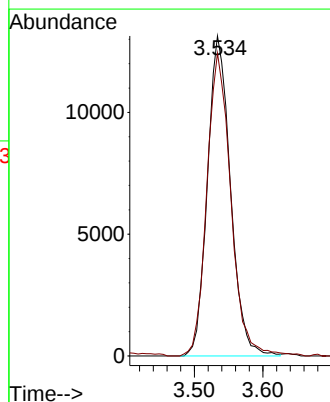
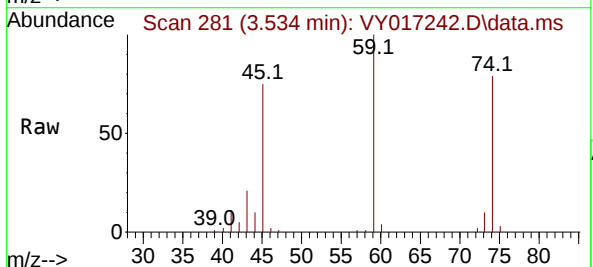
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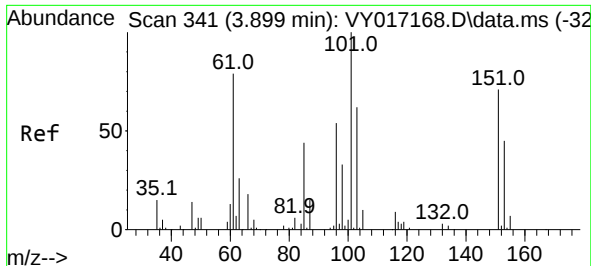
Tgt Ion:101 Resp: 91554
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 50.951 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 30694
 Ion Ratio Lower Upper
 74 100
 45 98.6 47.9 143.7

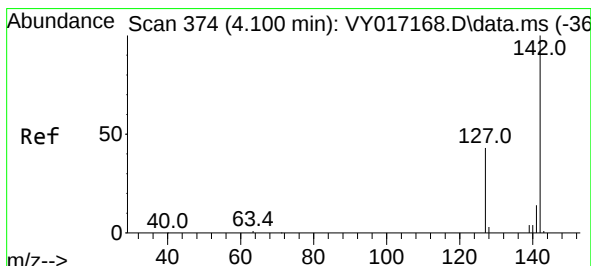
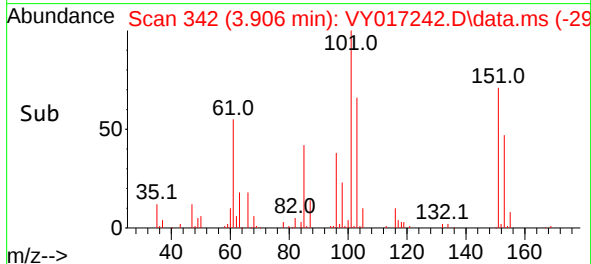
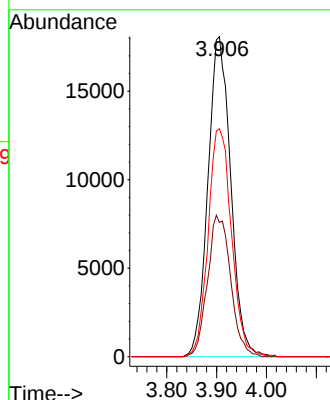
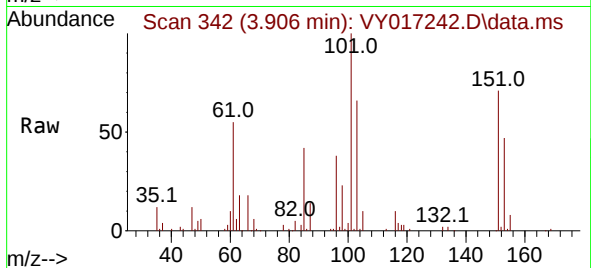




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.456 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

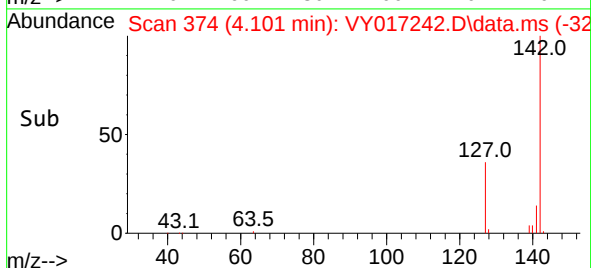
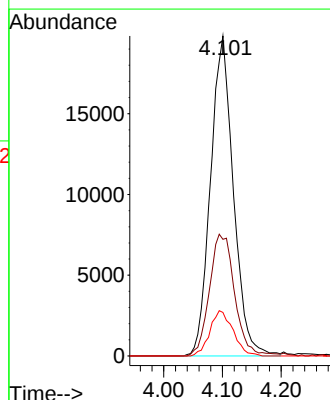
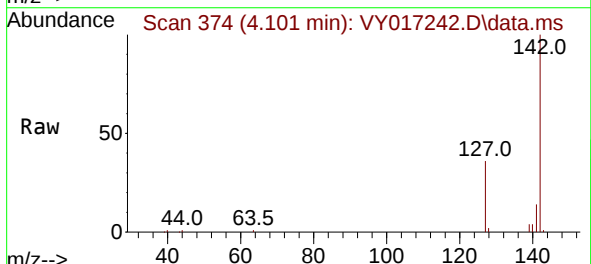
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

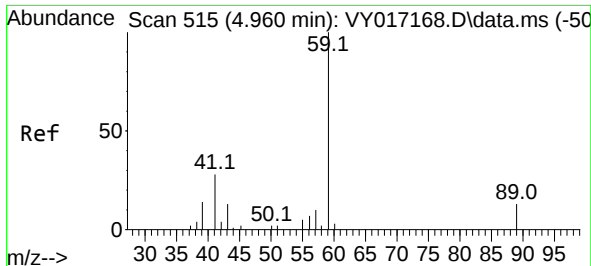
Tgt Ion:101 Resp: 57416
Ion Ratio Lower Upper
101 100
85 44.8 35.8 53.6
151 73.0 58.6 88.0



#10
Methyl Iodide
Concen: 43.967 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion:142 Resp: 53662
Ion Ratio Lower Upper
142 100
127 41.8 35.1 52.7
141 14.3 11.8 17.6

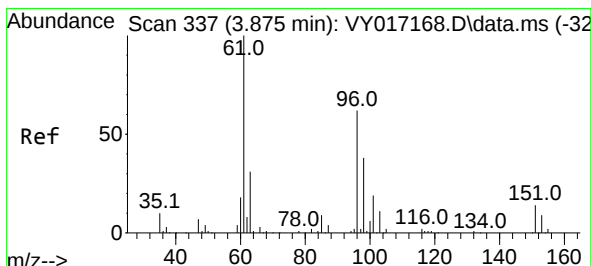
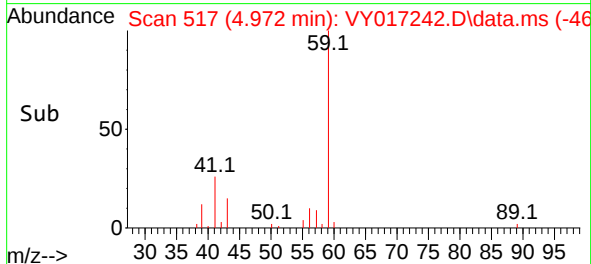
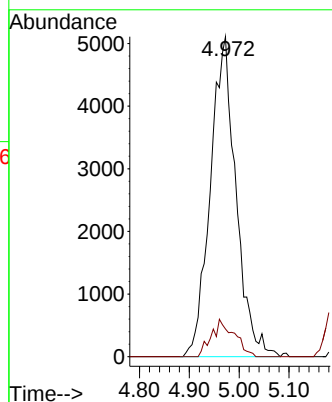
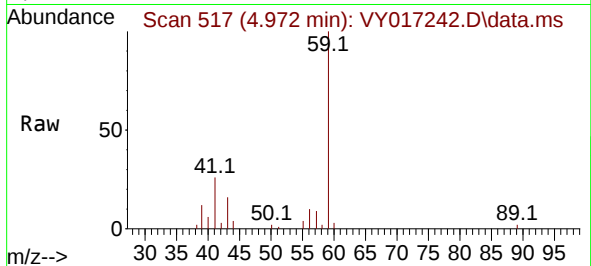




#11
Tert butyl alcohol
Concen: 214.348 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

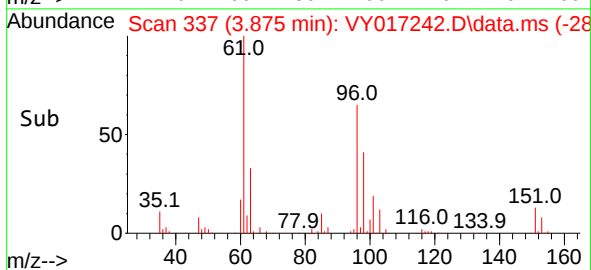
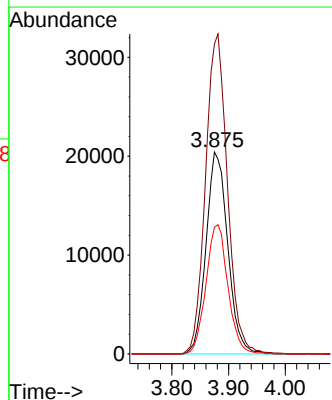
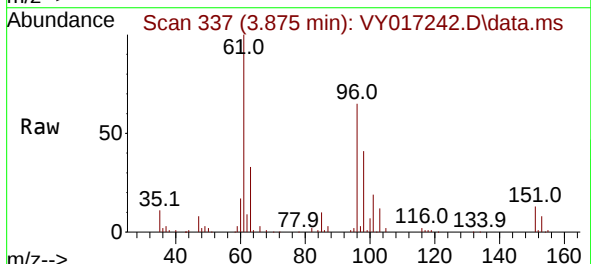
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

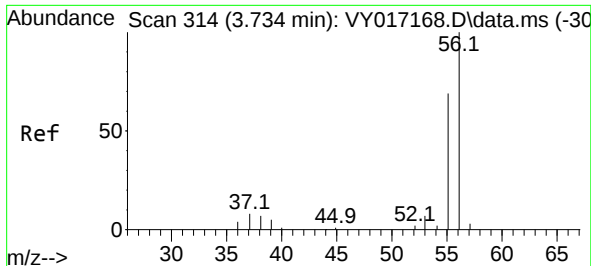
Tgt Ion: 59 Resp: 18286
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.0



#12
1,1-Dichloroethene
Concen: 50.044 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 96 Resp: 54439
Ion Ratio Lower Upper
96 100
61 153.5 124.2 186.2
98 62.8 52.6 79.0





#13

Acrolein

Concen: 242.726 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.001 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

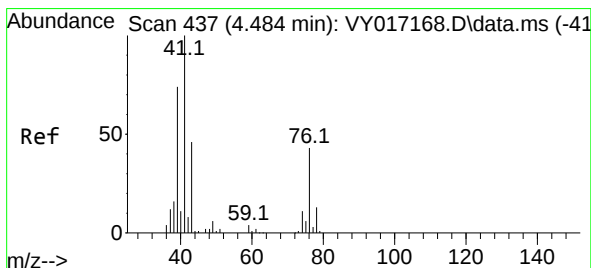
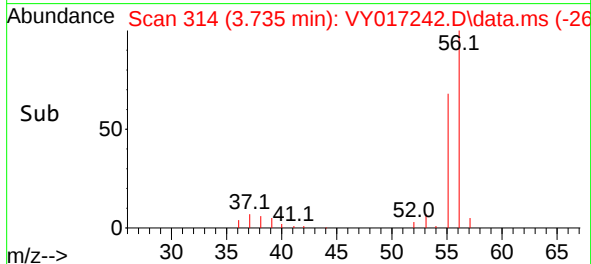
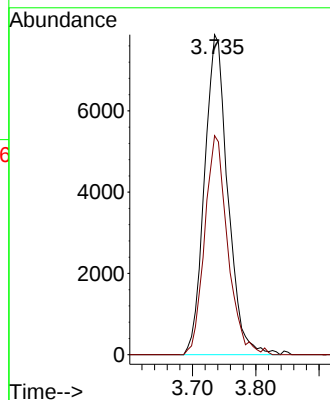
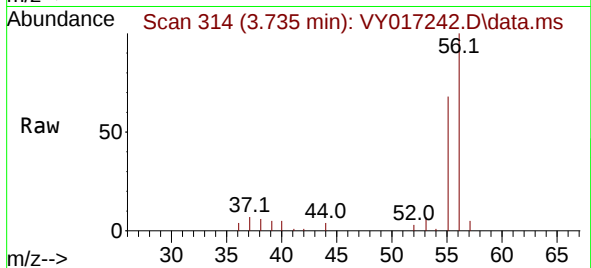
VSTDCCC050EC

Tgt Ion: 56 Resp: 20192

Ion Ratio Lower Upper

56 100

55 67.7 55.4 83.0



#14

Allyl chloride

Concen: 51.322 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

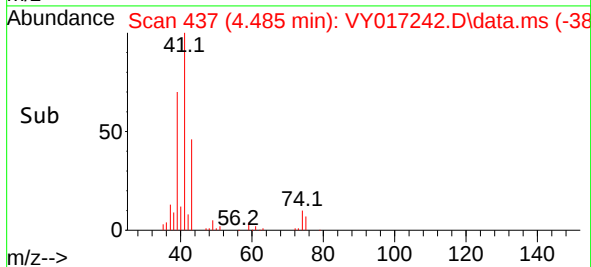
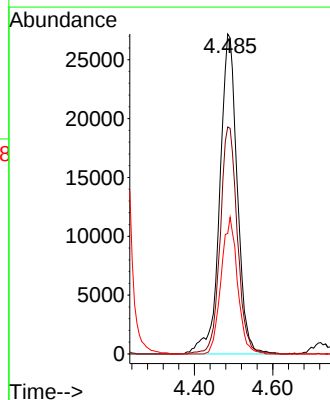
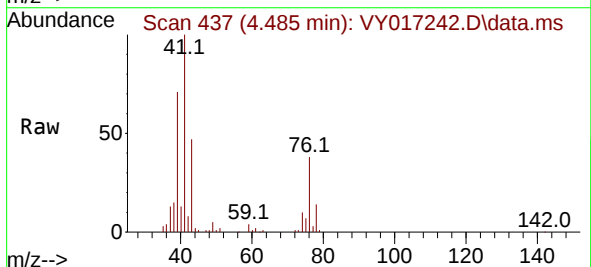
Tgt Ion: 41 Resp: 84403

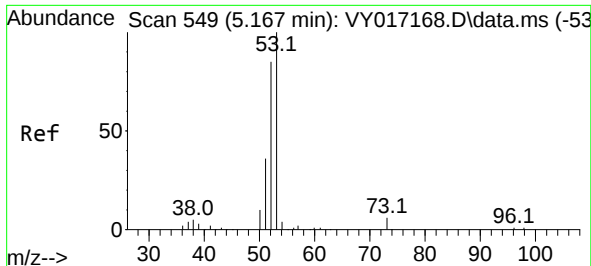
Ion Ratio Lower Upper

41 100

39 69.7 54.7 82.1

76 40.1 31.8 47.6

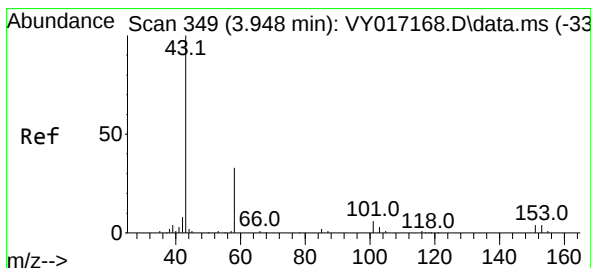
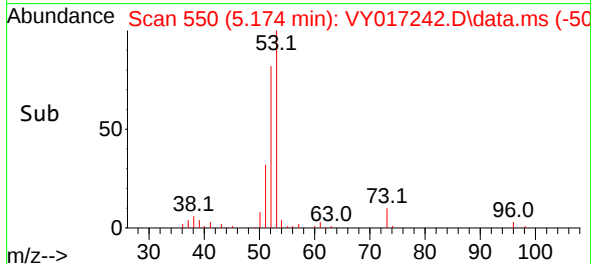
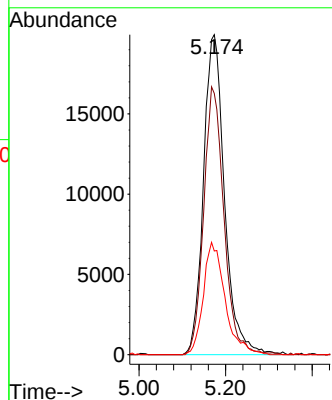
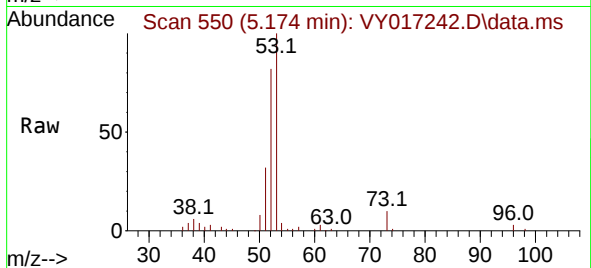




#15
Acrylonitrile
Concen: 248.559 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

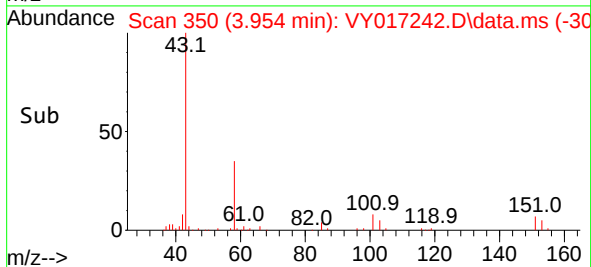
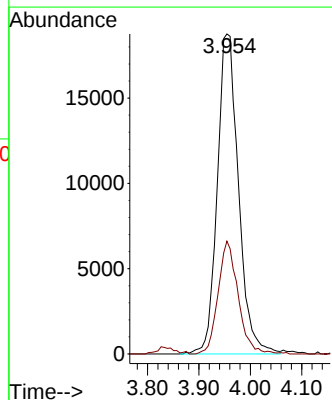
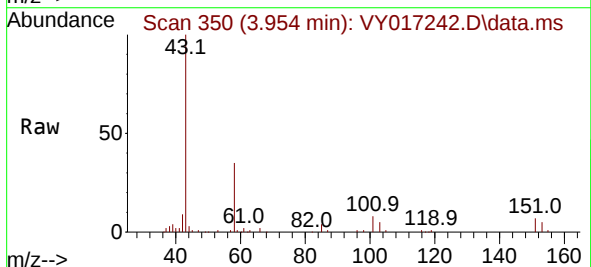
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

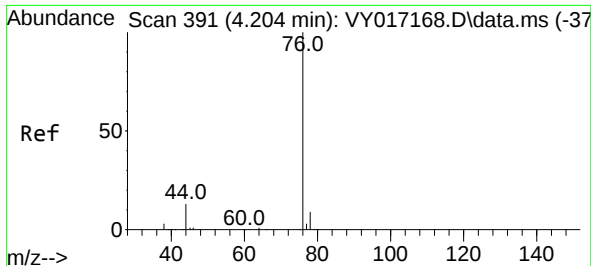
Tgt Ion:	53	Resp:	67418
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.1	97.7
51	36.3	29.0	43.4



#16
Acetone
Concen: 182.782 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.007 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion:	43	Resp:	53860
Ion	Ratio	Lower	Upper
43	100		
58	34.9	26.6	39.8

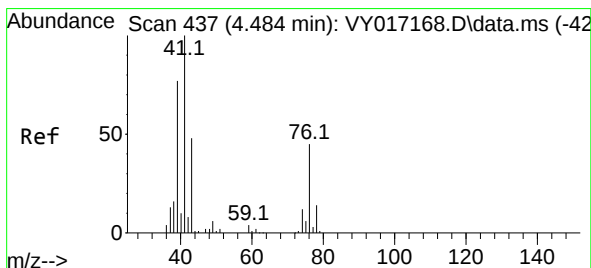
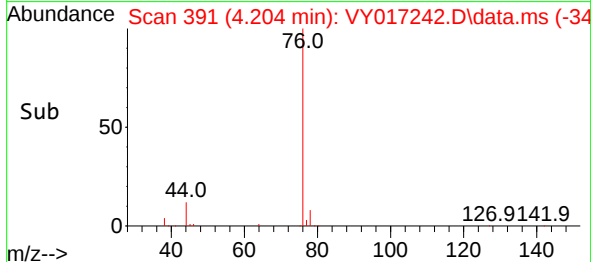
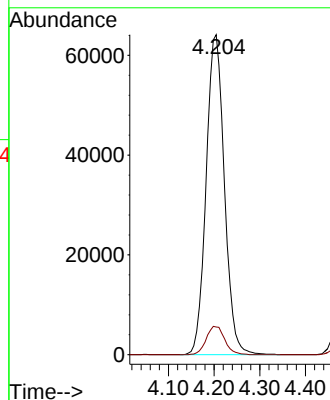
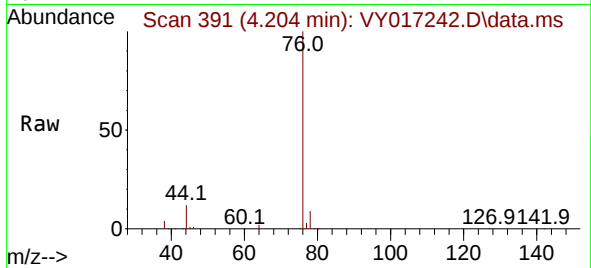




#17
Carbon Disulfide
Concen: 51.284 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

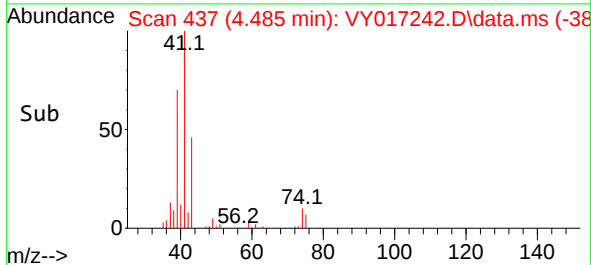
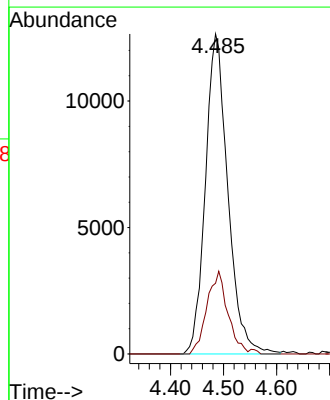
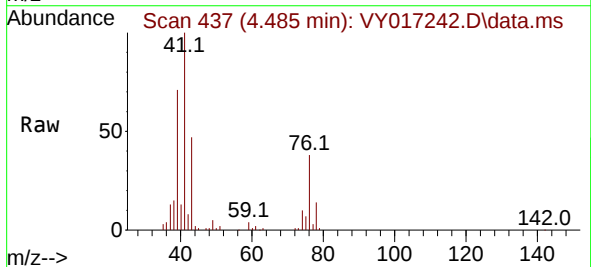
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

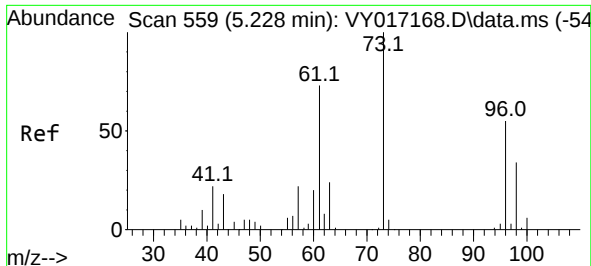
Tgt Ion: 76 Resp: 178086
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 56.559 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 43 Resp: 37179
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 49.487 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

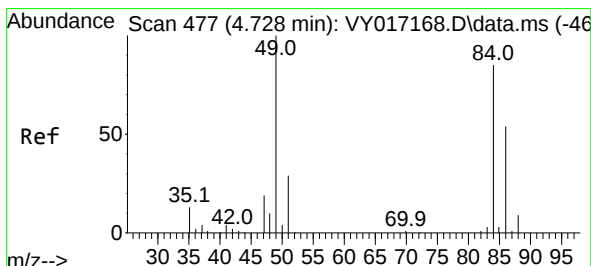
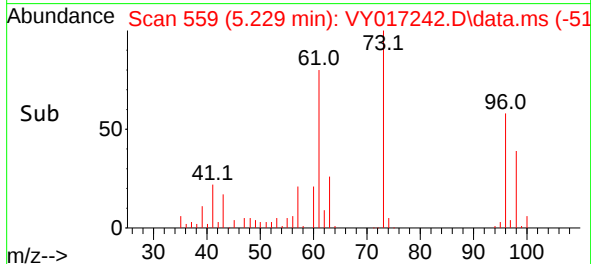
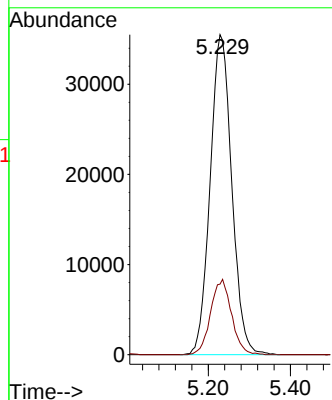
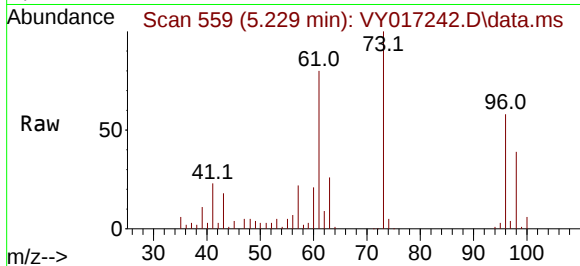
VSTDCCC050EC

Tgt Ion: 73 Resp: 129651

Ion Ratio Lower Upper

73 100

57 22.0 17.7 26.5



#20

Methylene Chloride

Concen: 54.924 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.001 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Tgt Ion: 84 Resp: 65869

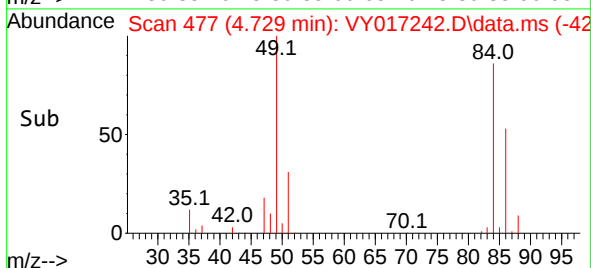
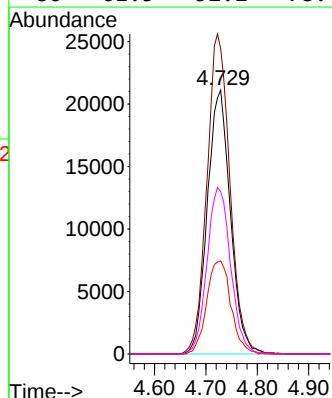
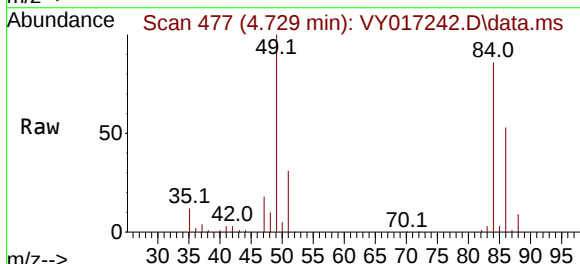
Ion Ratio Lower Upper

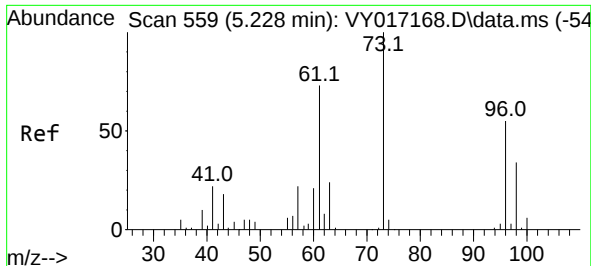
84 100

49 115.7 95.2 142.8

51 35.3 29.9 44.9

86 61.5 52.2 78.4

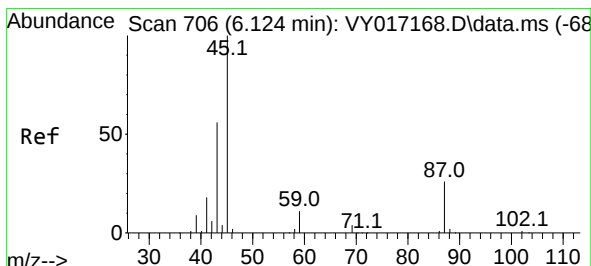
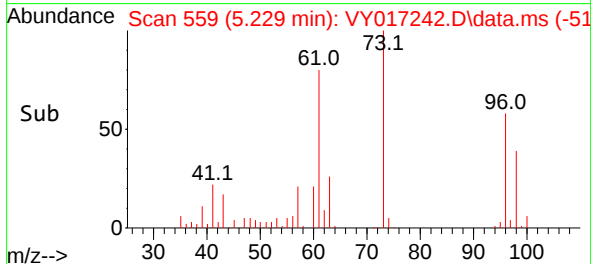
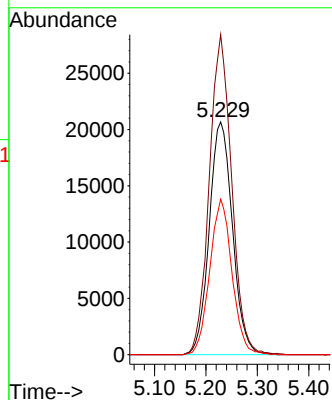
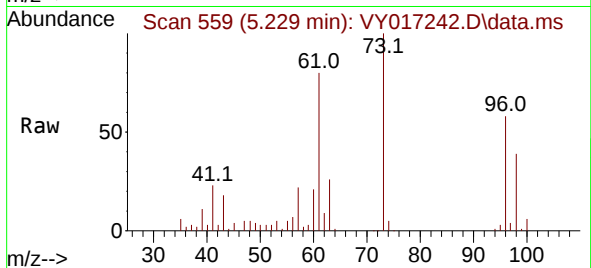




#21
trans-1,2-Dichloroethene
Concen: 52.488 ug/l
RT: 5.229 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

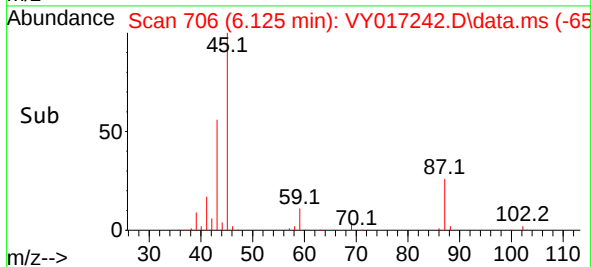
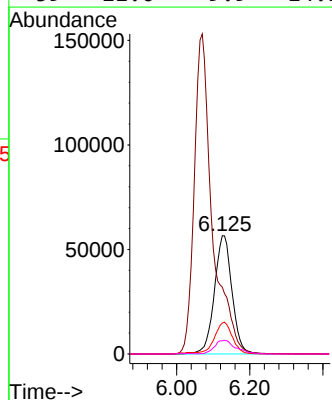
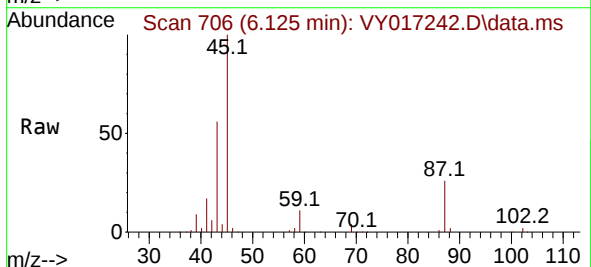
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

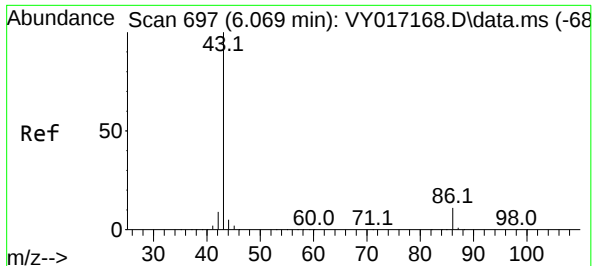
Tgt Ion: 96 Resp: 64956
Ion Ratio Lower Upper
96 100
61 137.4 104.6 156.8
98 66.8 50.9 76.3



#22
Diisopropyl ether
Concen: 52.482 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 45 Resp: 189539
Ion Ratio Lower Upper
45 100
43 56.1 46.8 70.2
87 26.1 22.2 33.2
59 11.0 9.9 14.9

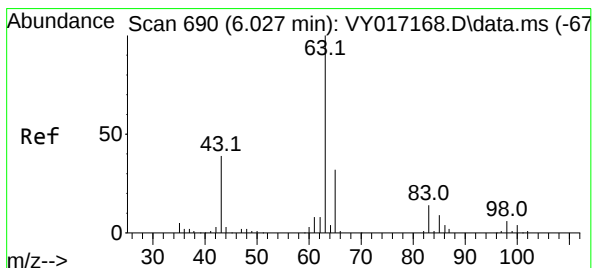
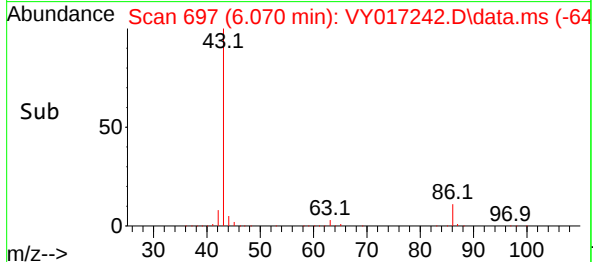
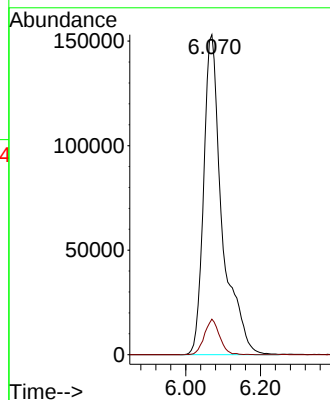
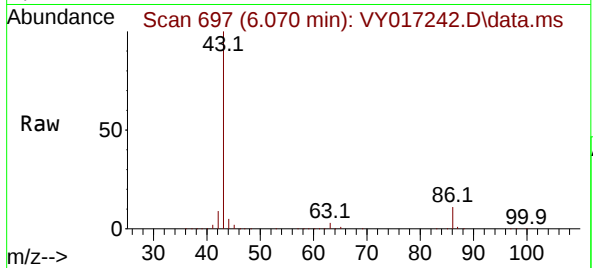




#23
 Vinyl Acetate
 Concen: 240.276 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY017242.D
 Acq: 05 Feb 2024 20:22

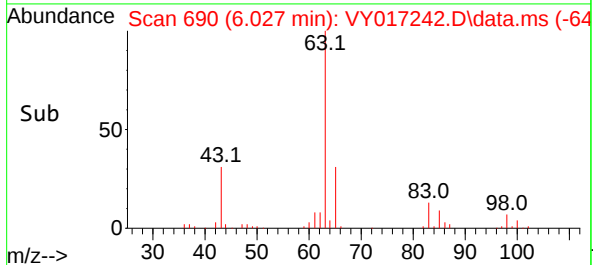
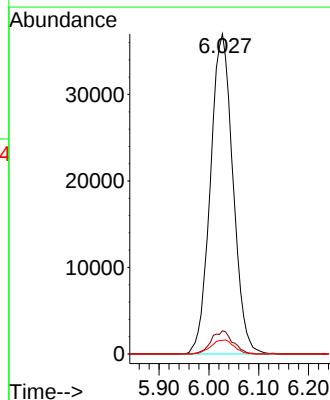
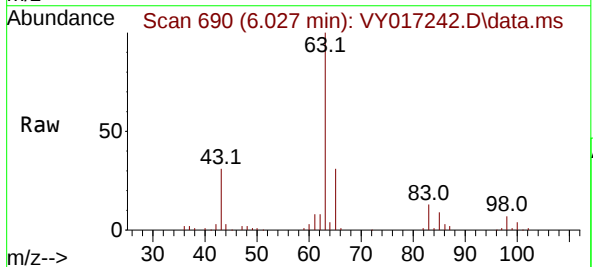
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

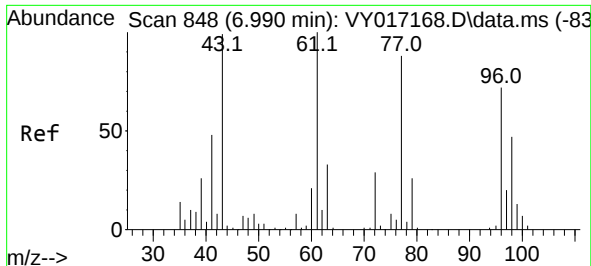
Tgt Ion: 43 Resp: 525791
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.534 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017242.D
 Acq: 05 Feb 2024 20:22

Tgt Ion: 63 Resp: 116225
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 218.390 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.007 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

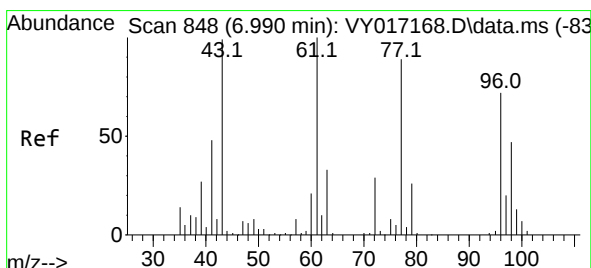
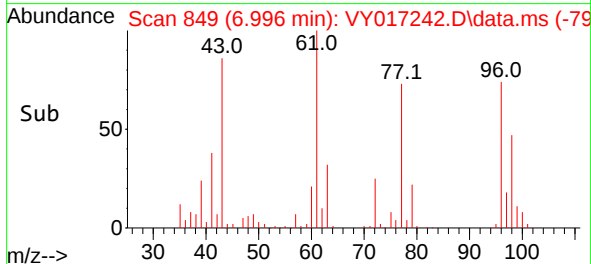
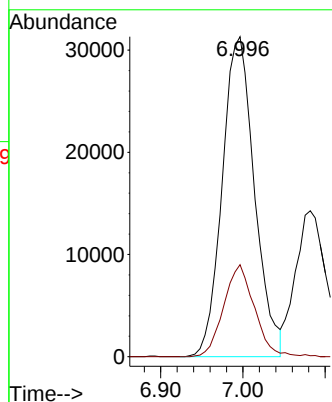
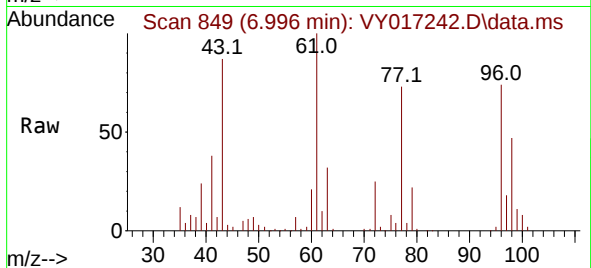
VSTDCCC050EC

Tgt Ion: 43 Resp: 85549

Ion Ratio Lower Upper

43 100

72 28.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 45.574 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017242.D

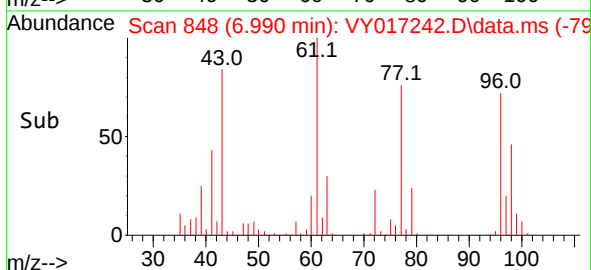
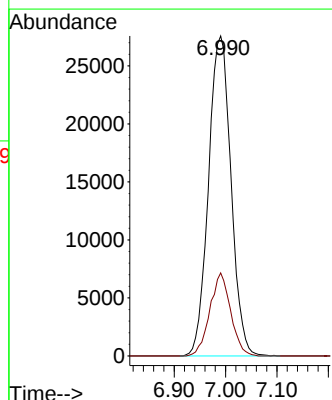
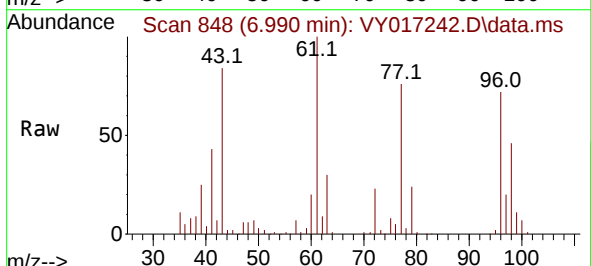
Acq: 05 Feb 2024 20:22

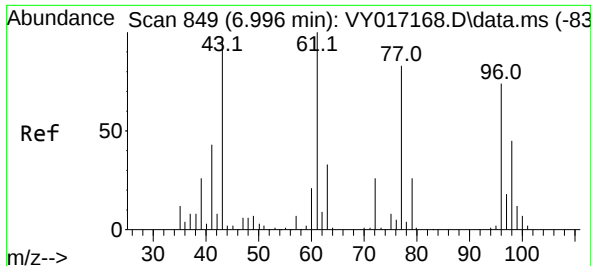
Tgt Ion: 77 Resp: 83867

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.361 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

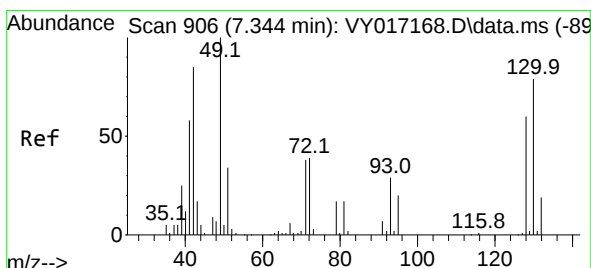
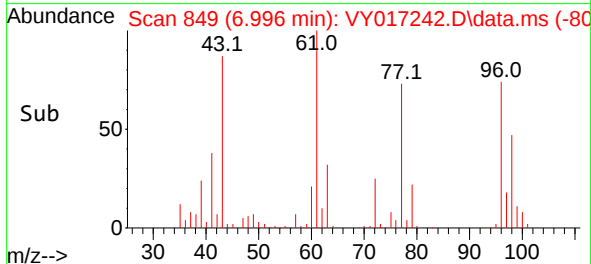
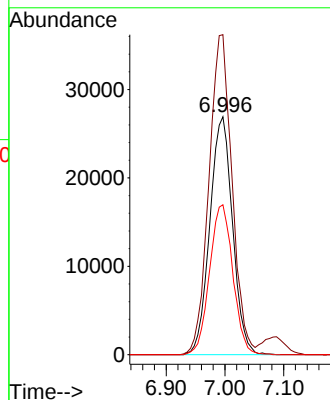
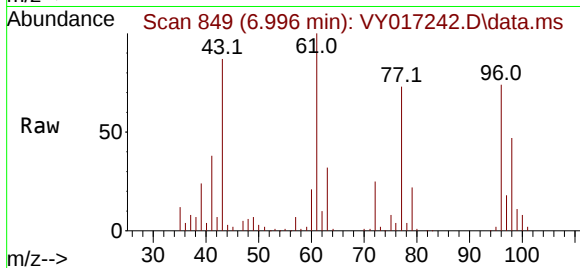
Tgt Ion: 96 Resp: 72473

Ion Ratio Lower Upper

96 100

61 136.3 0.0 278.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 50.464 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

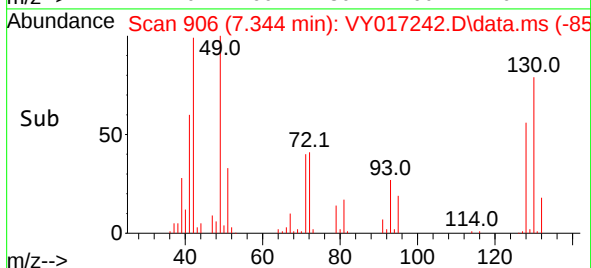
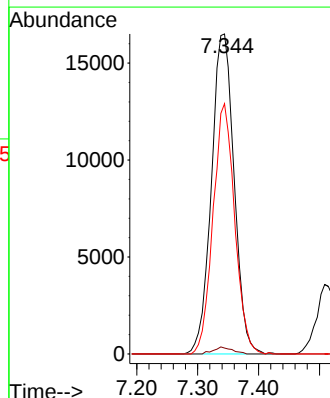
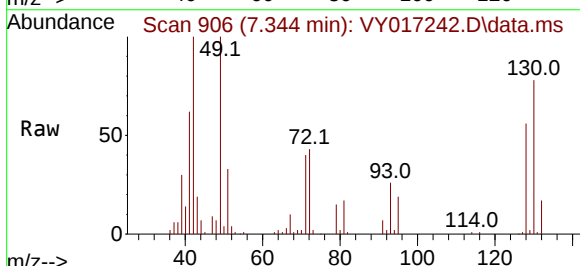
Tgt Ion: 49 Resp: 42749

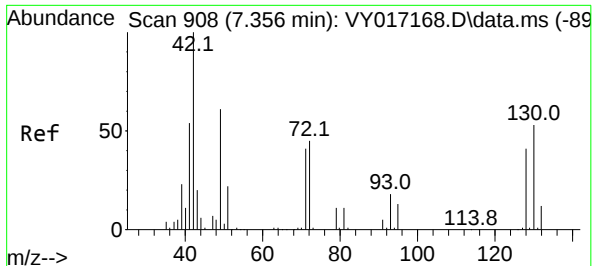
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 74.6 59.8 89.8

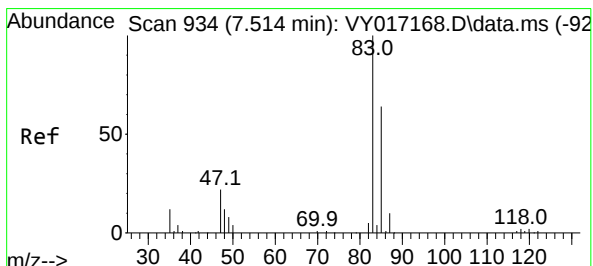
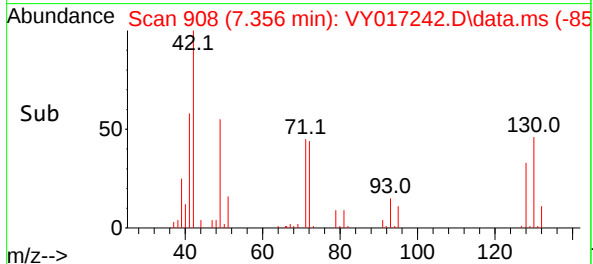
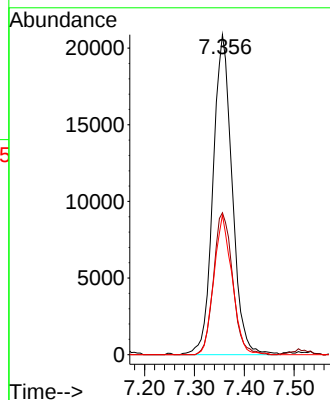
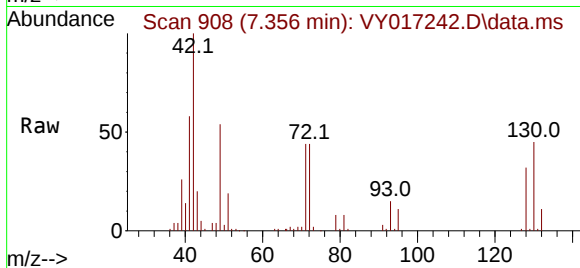




#29
Tetrahydrofuran
Concen: 251.799 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

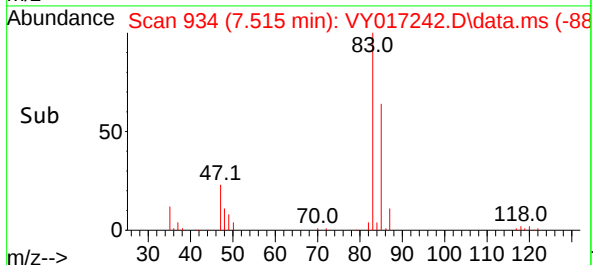
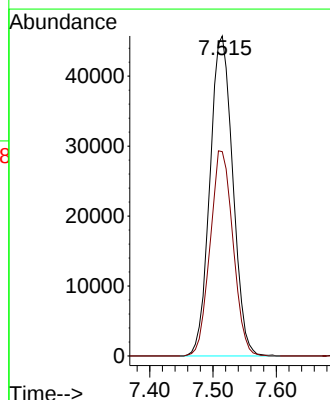
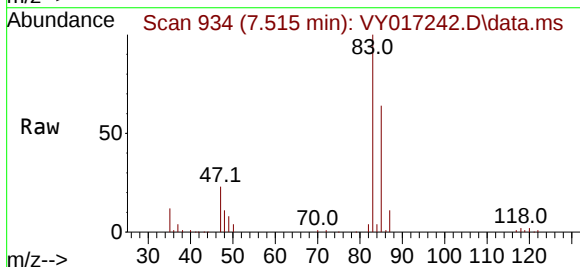
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

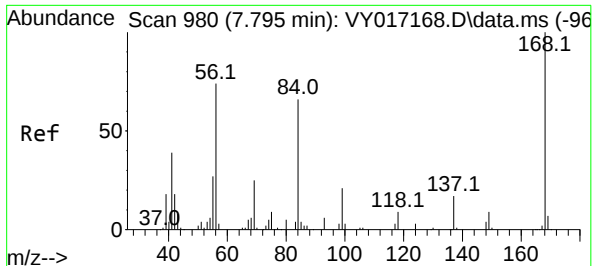
Tgt Ion:	42	Resp:	55719
Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.6	54.8
71	41.6	33.8	50.6



#30
Chloroform
Concen: 51.572 ug/l
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion:	83	Resp:	114779
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.2	76.8

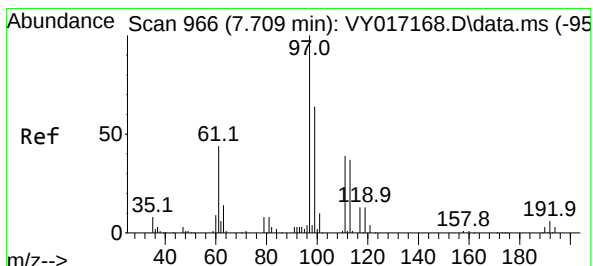
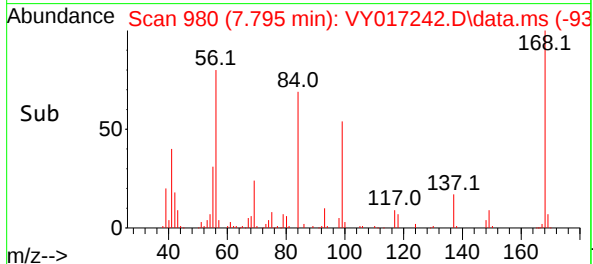
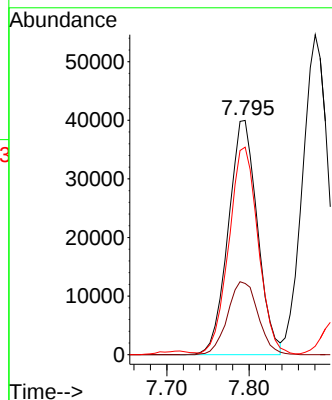
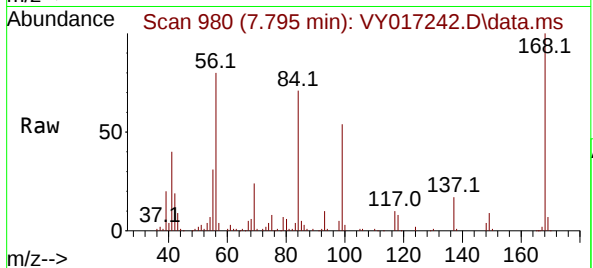




#31
Cyclohexane
Concen: 48.846 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

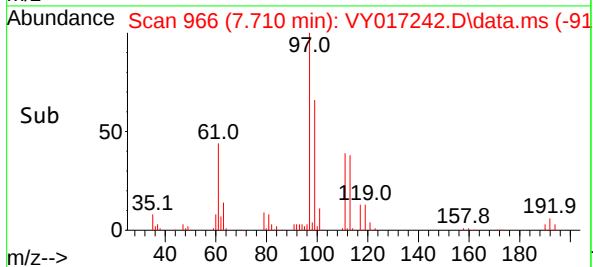
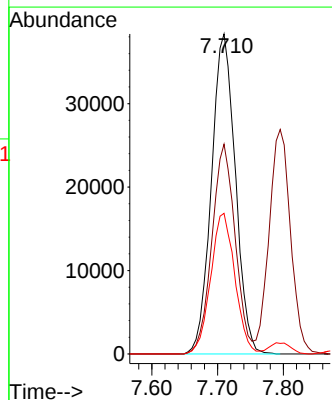
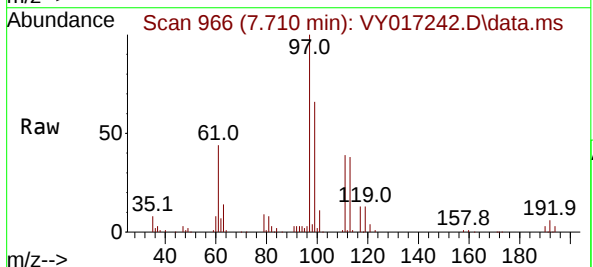
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

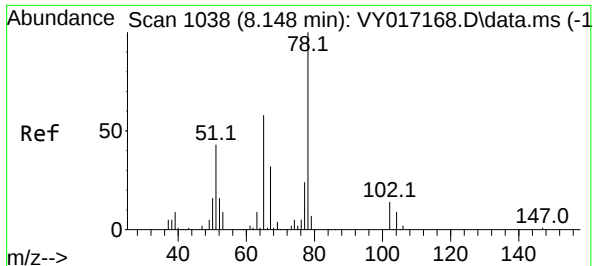
Tgt Ion: 56 Resp: 98707
Ion Ratio Lower Upper
56 100
69 30.4 27.0 40.6
84 87.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.819 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 97 Resp: 97286
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 50.737 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

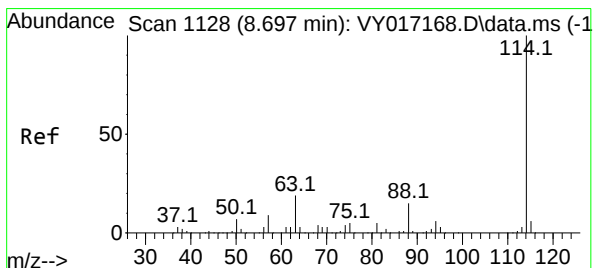
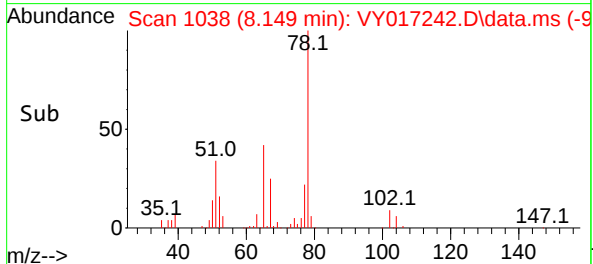
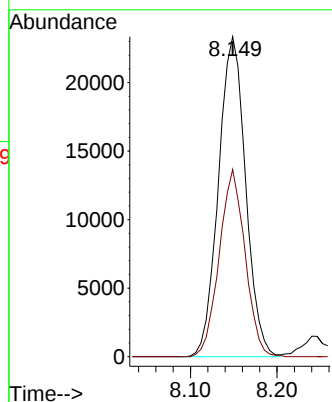
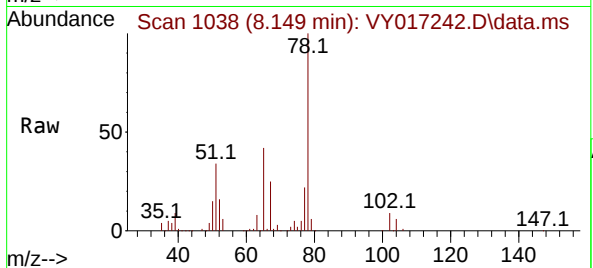
VSTDCCC050EC

Tgt Ion: 65 Resp: 50867

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

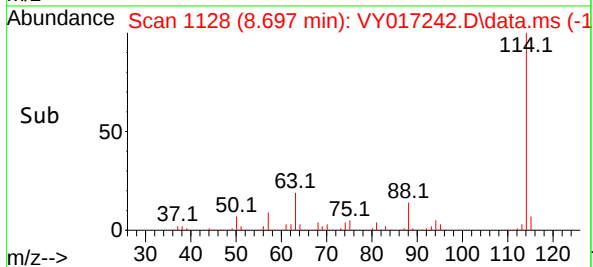
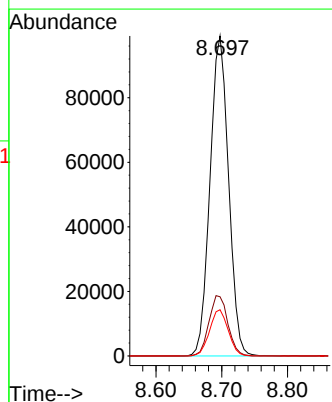
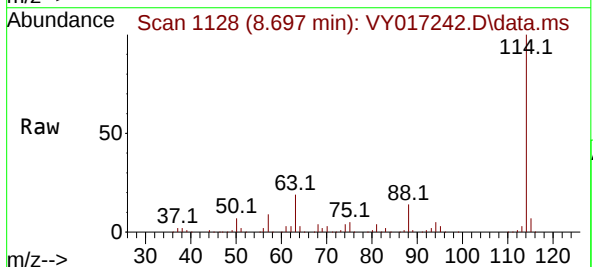
Tgt Ion: 114 Resp: 194519

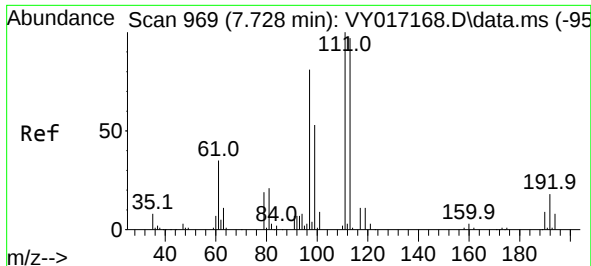
Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 14.5 0.0 29.0

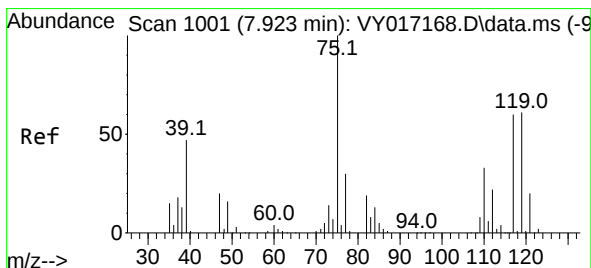
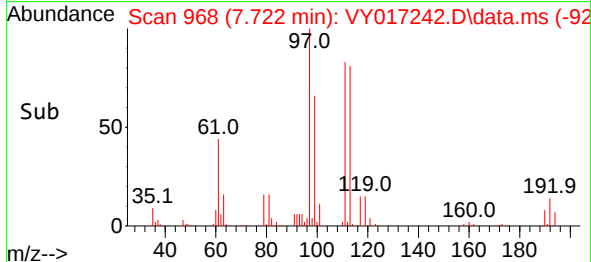
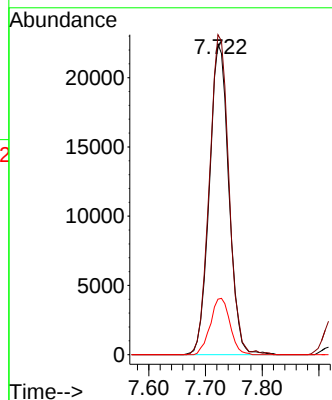
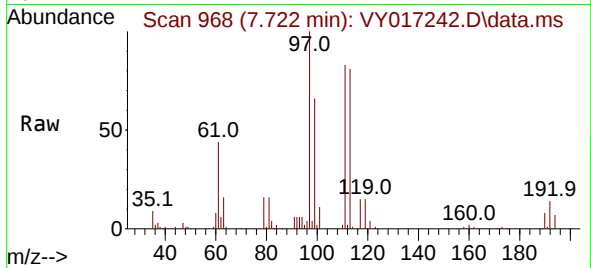




#35
Dibromofluoromethane
Concen: 50.871 ug/l
RT: 7.722 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

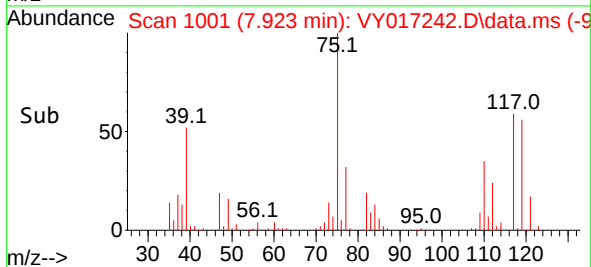
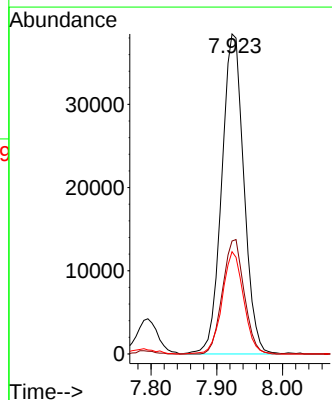
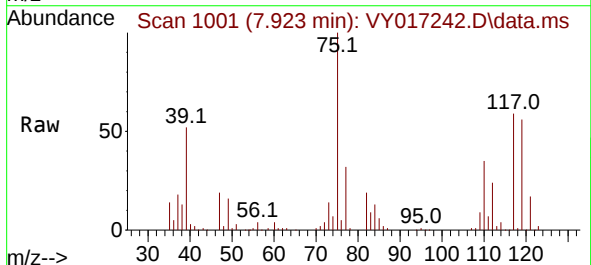
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

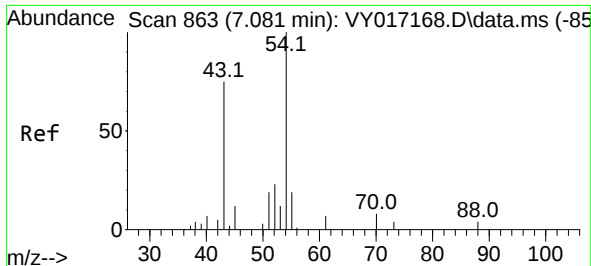
Tgt Ion:113 Resp: 53429
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 49.793 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 75 Resp: 90208
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.3
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 45.581 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

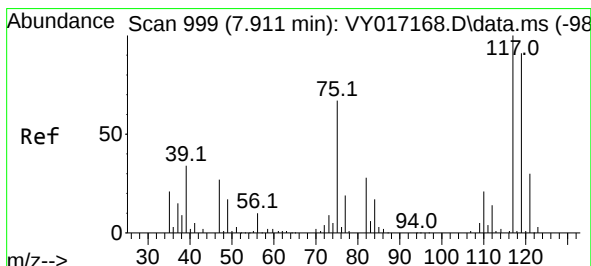
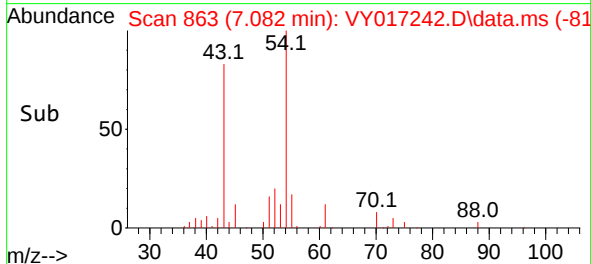
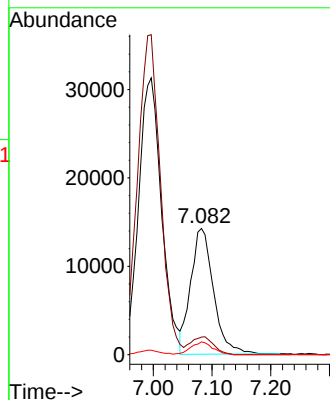
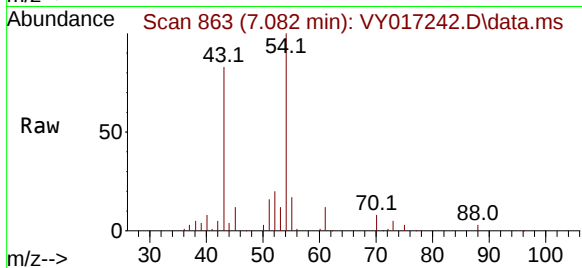
Tgt Ion: 43 Resp: 38300

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

70 9.7 8.1 12.1



#38

Carbon Tetrachloride

Concen: 49.066 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

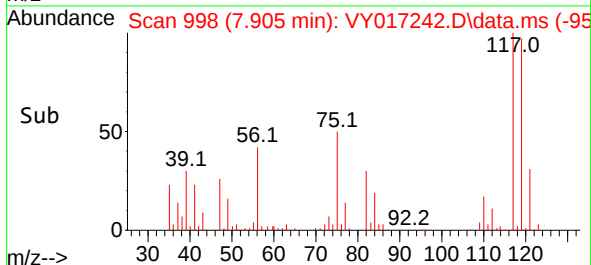
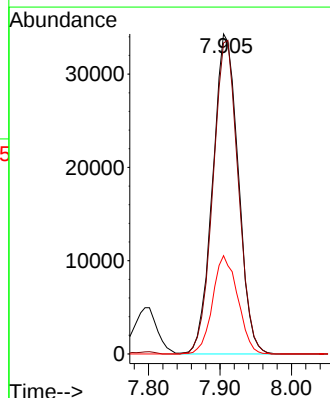
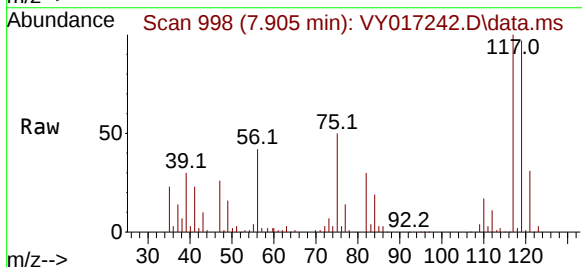
Tgt Ion: 117 Resp: 85110

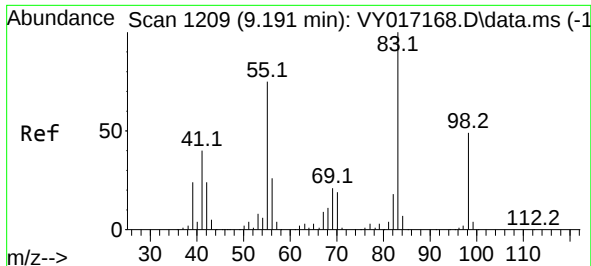
Ion Ratio Lower Upper

117 100

119 97.2 76.0 114.0

121 30.7 24.2 36.2

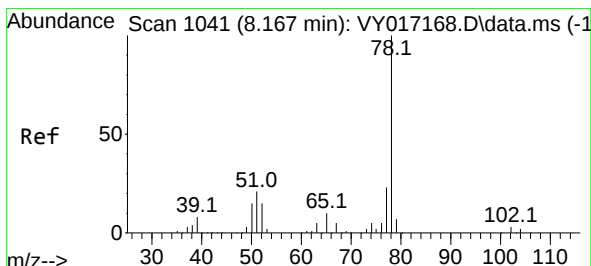
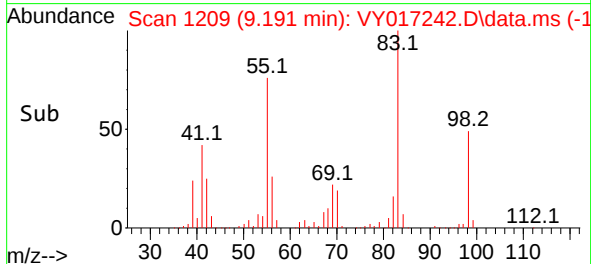
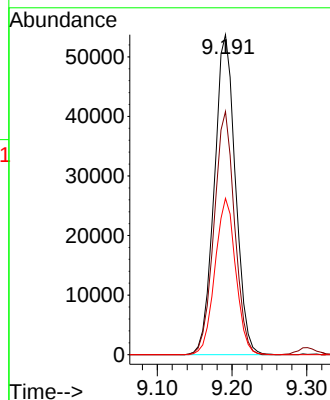
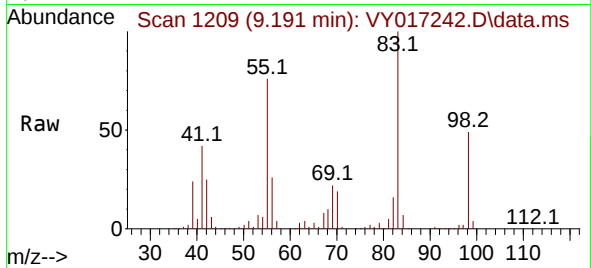




#39
Methylcyclohexane
Concen: 49.789 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

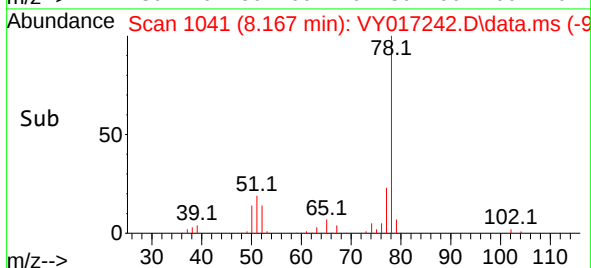
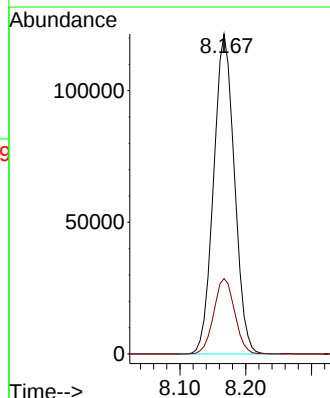
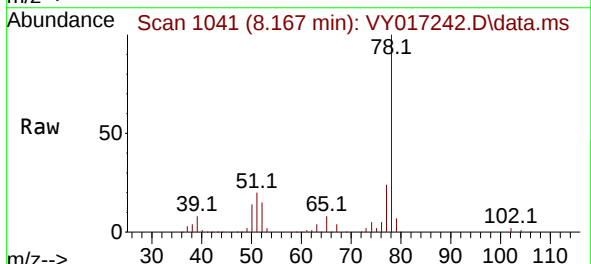
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

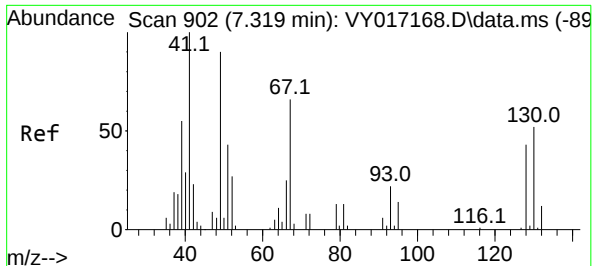
Tgt Ion: 83 Resp: 105379
Ion Ratio Lower Upper
83 100
55 76.0 59.7 89.5
98 48.9 38.0 57.0



#40
Benzene
Concen: 51.759 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 78 Resp: 267778
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



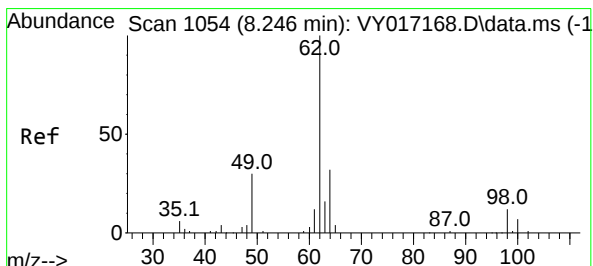
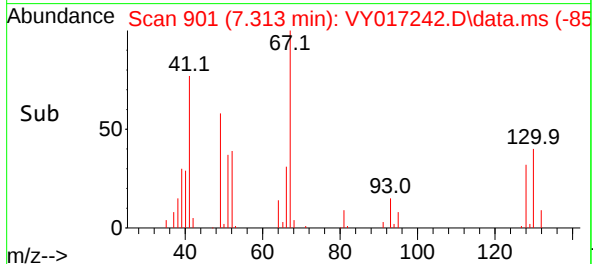
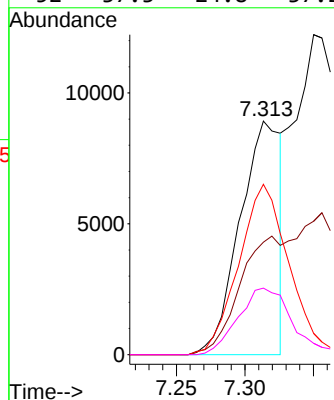
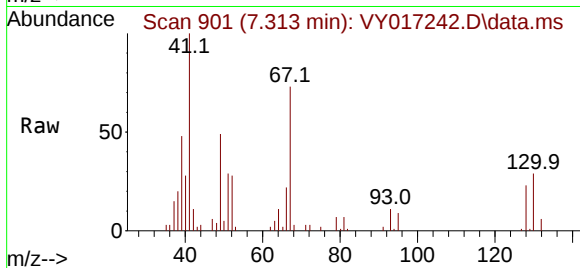


#41
Methacrylonitrile
Concen: 46.655 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 18574

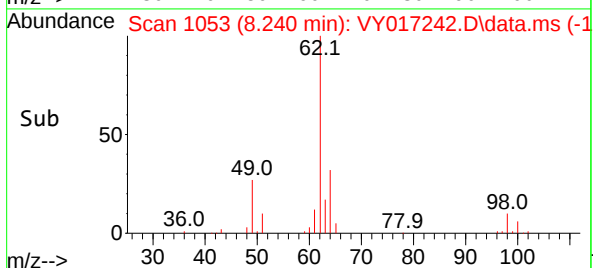
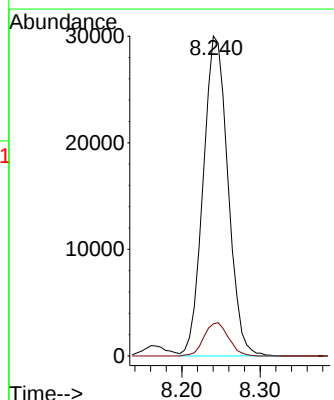
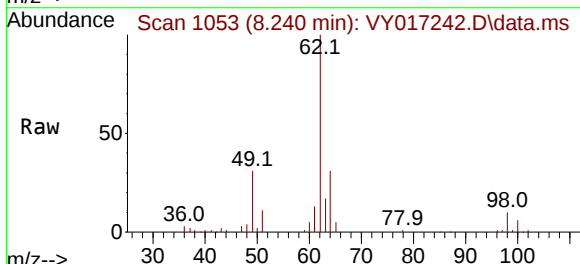
Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.9	62.9
67	89.3	59.8	89.6
52	37.3	24.8	37.2

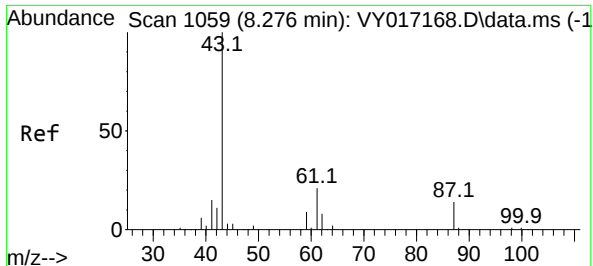


#42
1,2-Dichloroethane
Concen: 48.134 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 62 Resp: 65933

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2





#43

Isopropyl Acetate

Concen: 48.070 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

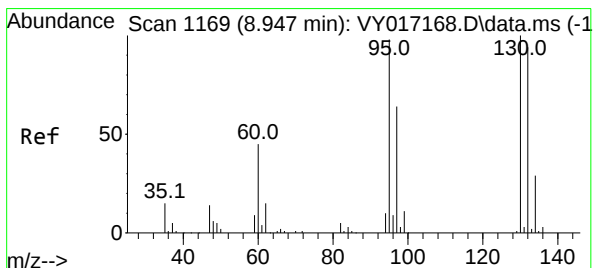
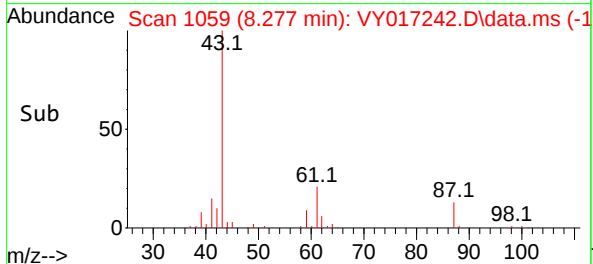
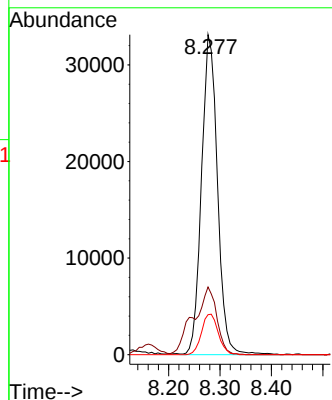
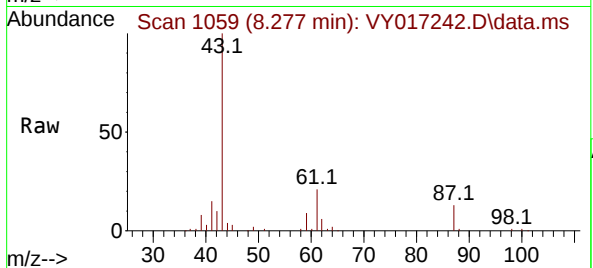
Tgt Ion: 43 Resp: 71502

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

87 13.3 10.7 16.1



#44

Trichloroethene

Concen: 51.516 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY017242.D

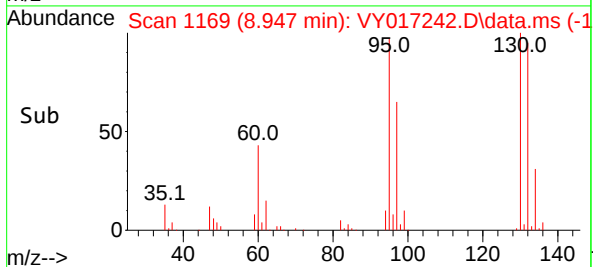
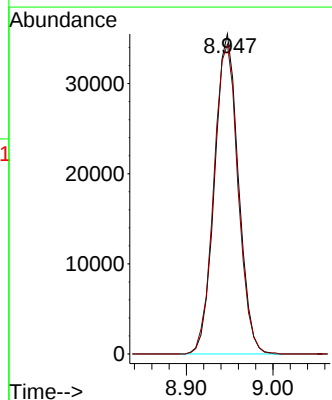
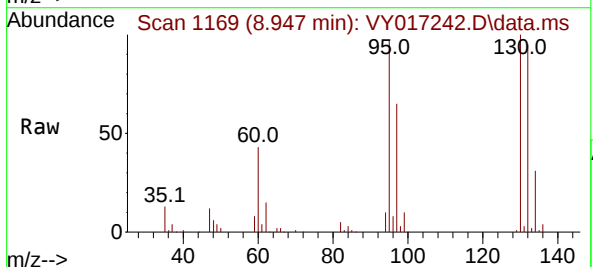
Acq: 05 Feb 2024 20:22

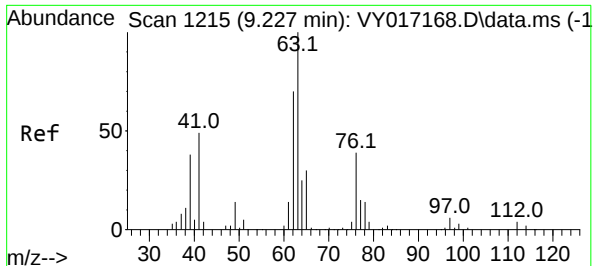
Tgt Ion:130 Resp: 67655

Ion Ratio Lower Upper

130 100

95 96.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 51.255 ug/l

RT: 9.222 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

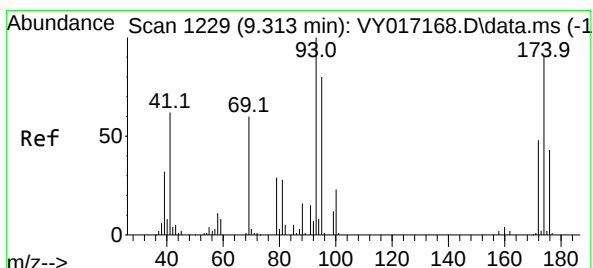
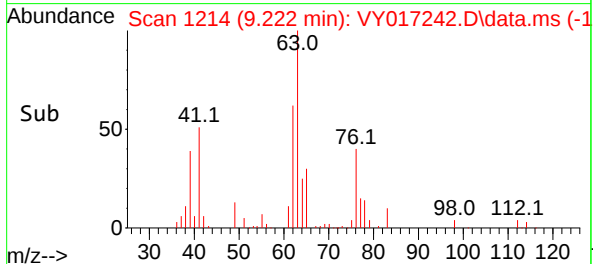
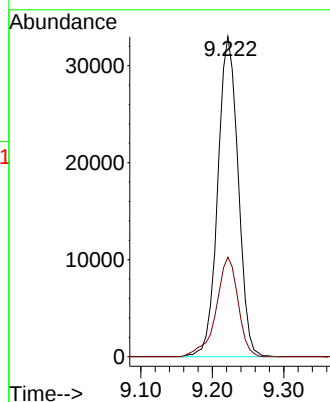
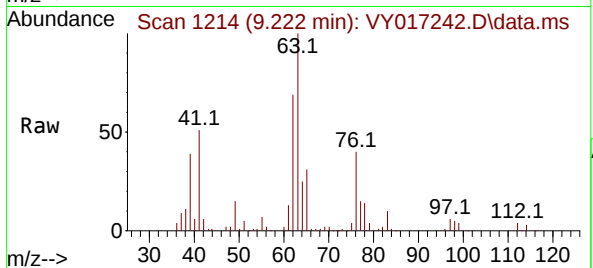
VSTDCCC050EC

Tgt Ion: 63 Resp: 65133

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 49.283 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

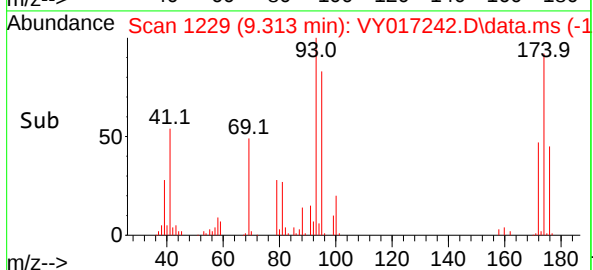
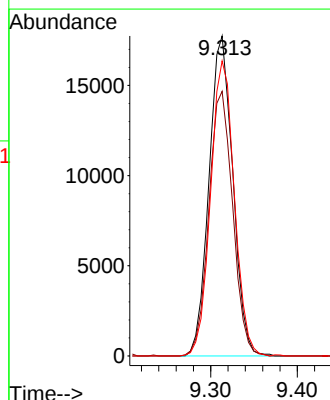
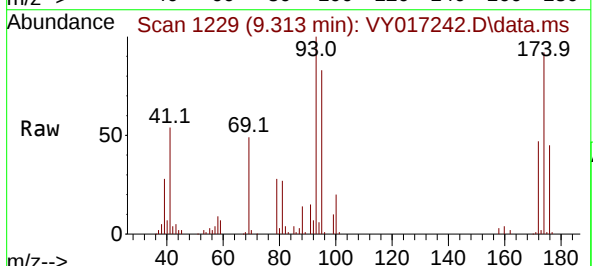
Tgt Ion: 93 Resp: 33830

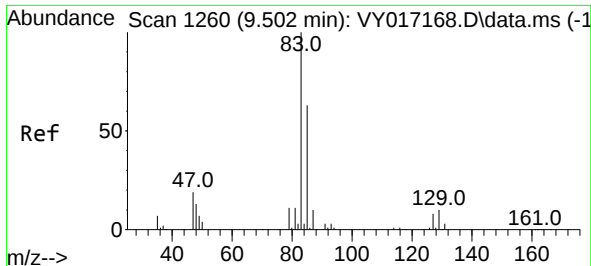
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 92.1 73.8 110.6

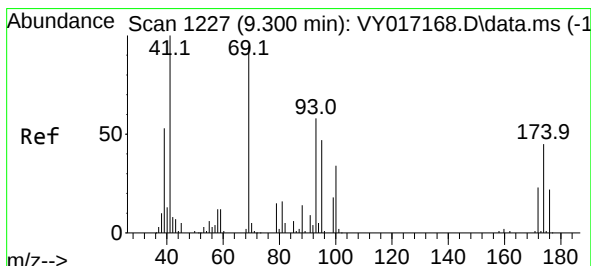
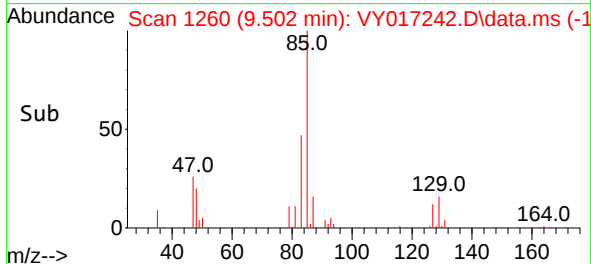
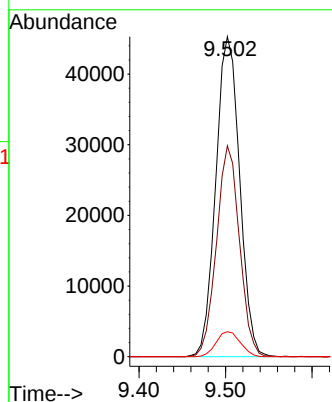
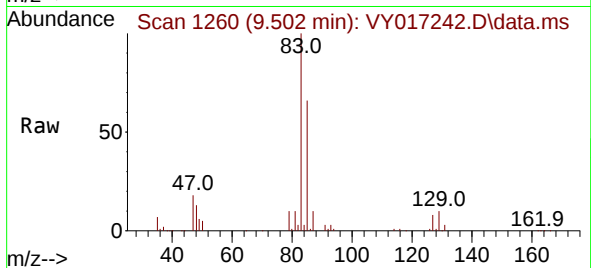




#47
Bromodichloromethane
Concen: 50.436 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

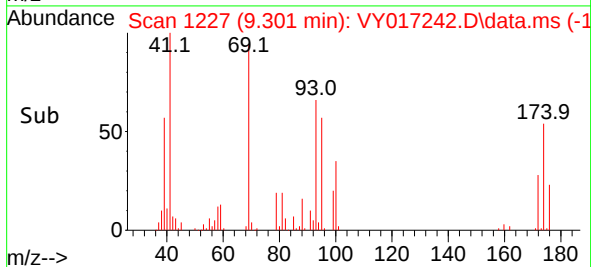
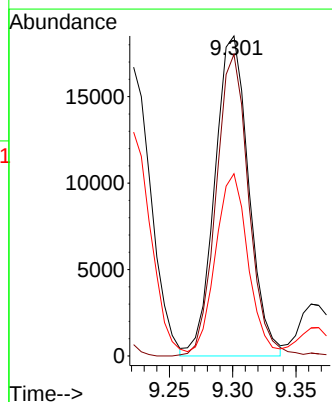
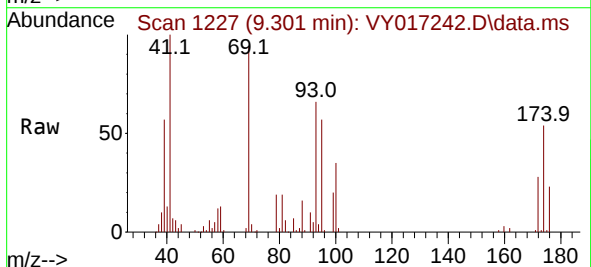
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

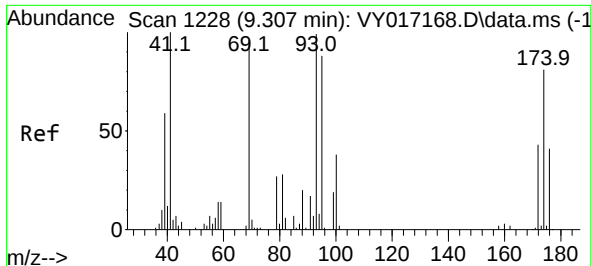
Tgt Ion: 83 Resp: 86644
Ion Ratio Lower Upper
83 100
85 65.9 53.2 79.8
127 7.8 6.4 9.6



#48
Methyl methacrylate
Concen: 49.575 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 41 Resp: 34588
Ion Ratio Lower Upper
41 100
69 90.6 72.1 108.1
39 52.3 42.8 64.2





#49

1,4-Dioxane

Concen: 958.702 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

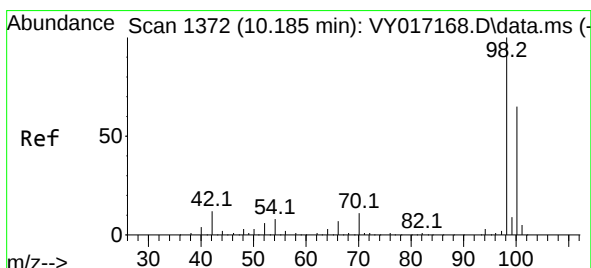
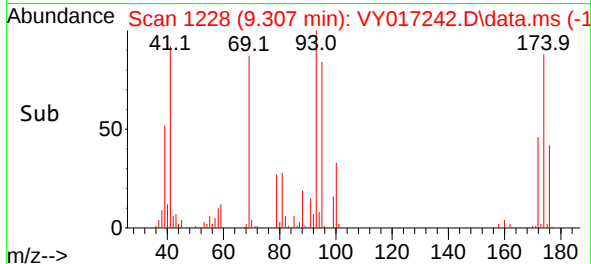
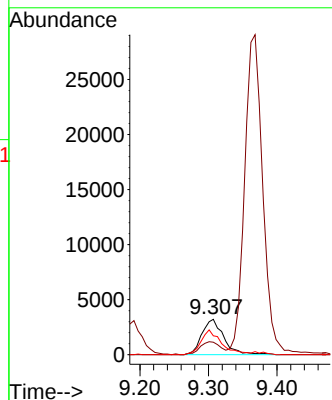
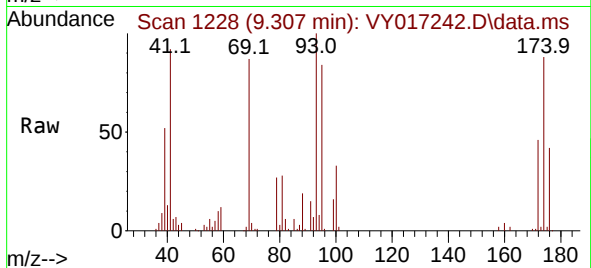
Tgt Ion: 88 Resp: 7163

Ion Ratio Lower Upper

88 100

43 34.1 28.2 42.4

58 65.8 52.2 78.2



#50

Toluene-d8

Concen: 53.077 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017242.D

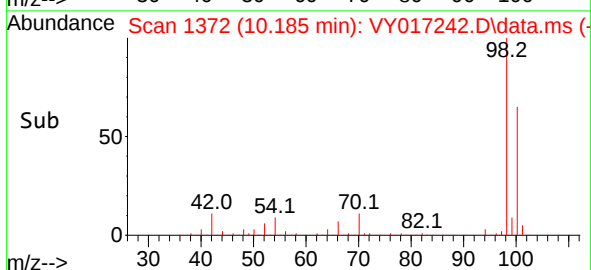
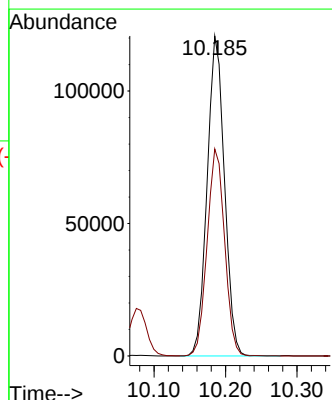
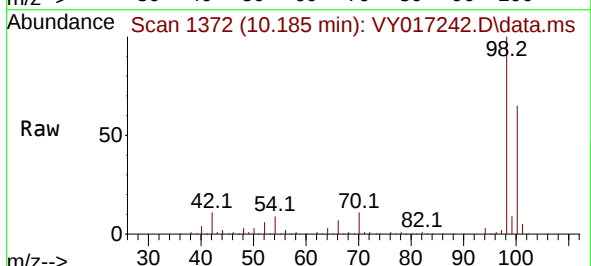
Acq: 05 Feb 2024 20:22

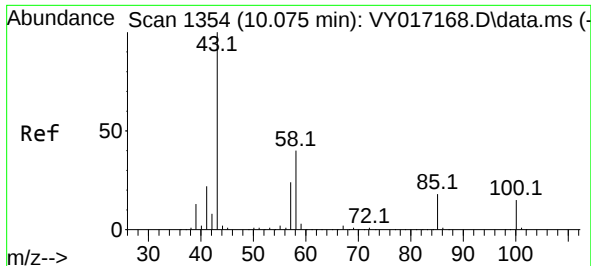
Tgt Ion: 98 Resp: 202964

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

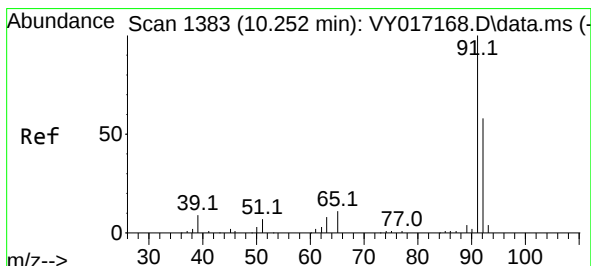
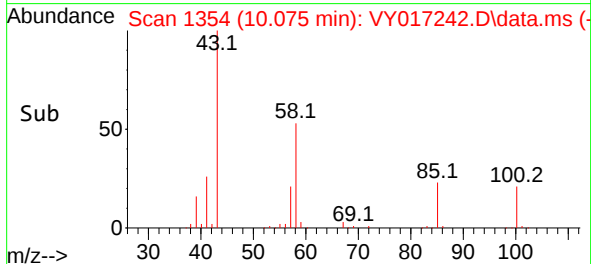
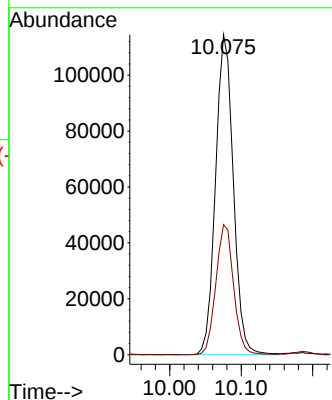
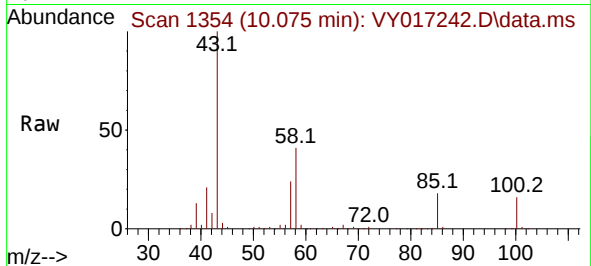




#51
4-Methyl-2-Pentanone
Concen: 248.055 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

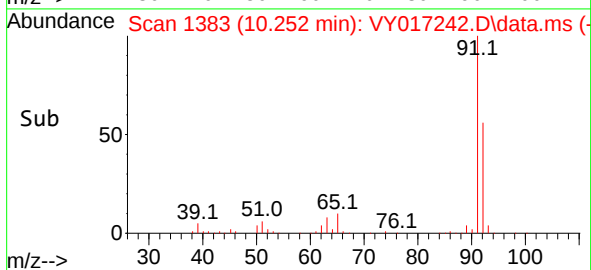
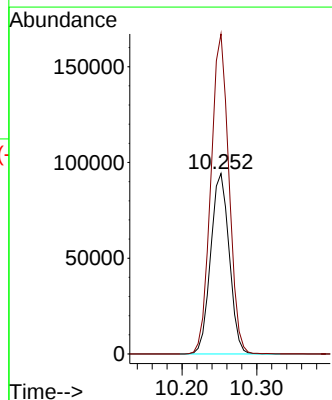
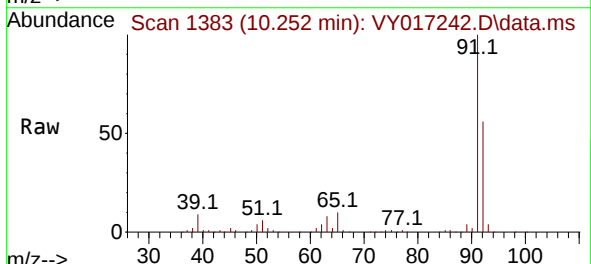
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

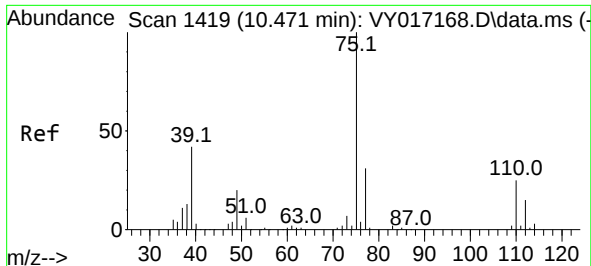
Tgt Ion: 43 Resp: 197785
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.2



#52
Toluene
Concen: 51.891 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 92 Resp: 162047
Ion Ratio Lower Upper
92 100
91 173.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 48.687 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

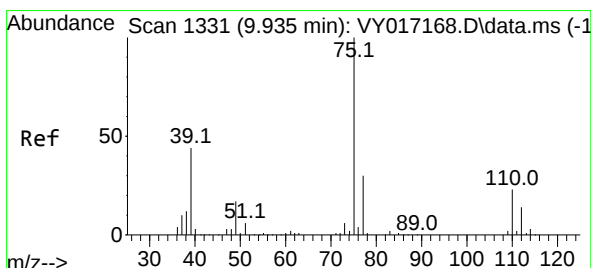
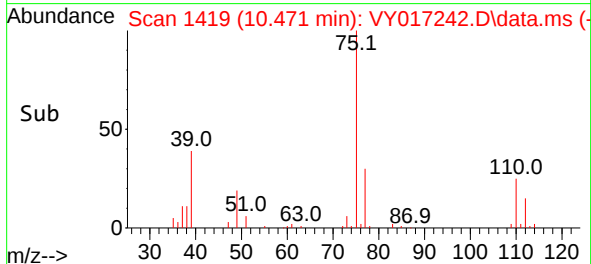
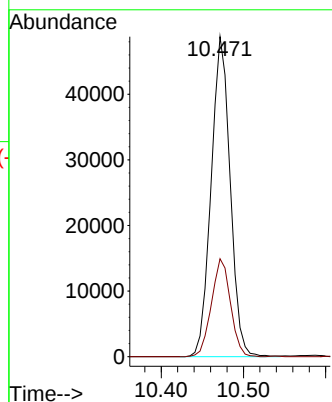
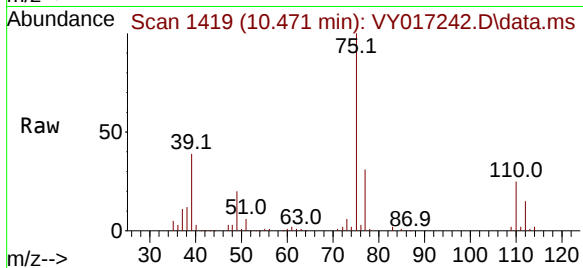
VSTDCCC050EC

Tgt Ion: 75 Resp: 78563

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 49.197 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

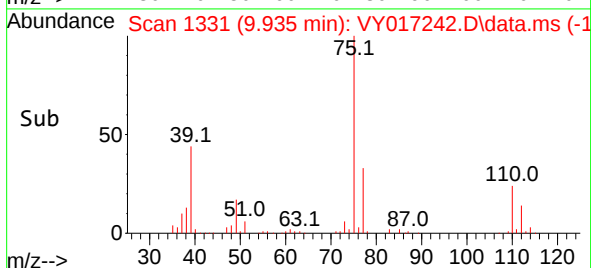
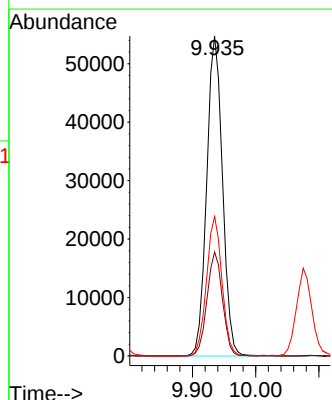
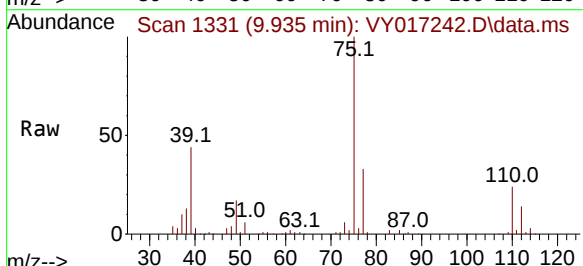
Tgt Ion: 75 Resp: 95087

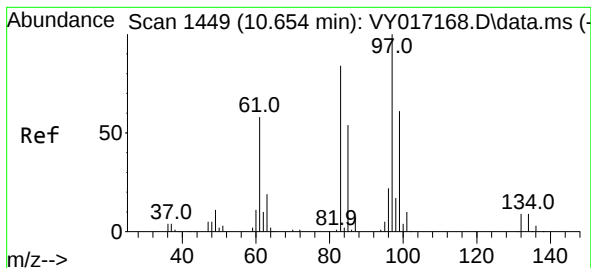
Ion Ratio Lower Upper

75 100

77 32.5 24.6 36.8

39 43.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 50.073 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 46765

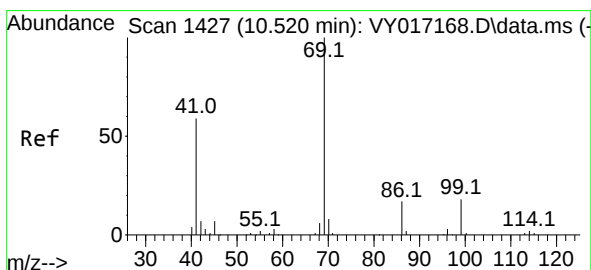
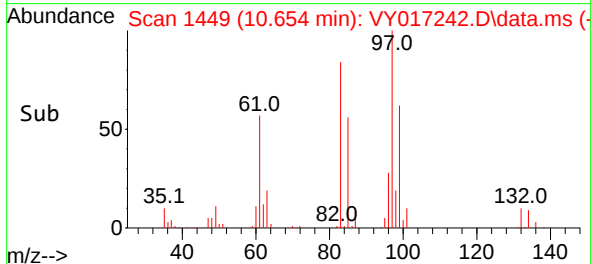
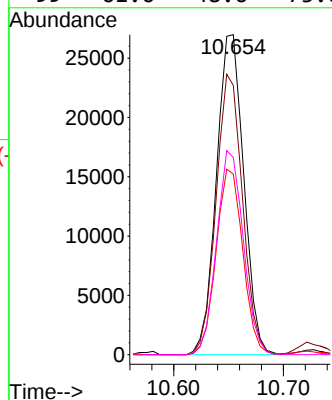
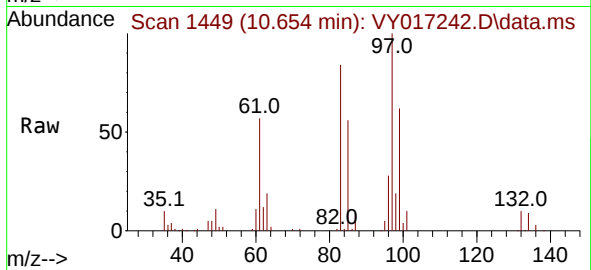
Ion Ratio Lower Upper

97 100

83 84.1 69.4 104.2

85 56.5 43.9 65.9

99 61.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 46.926 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

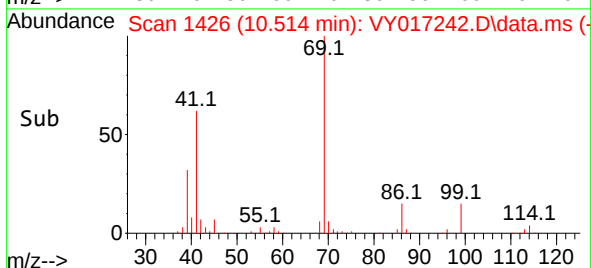
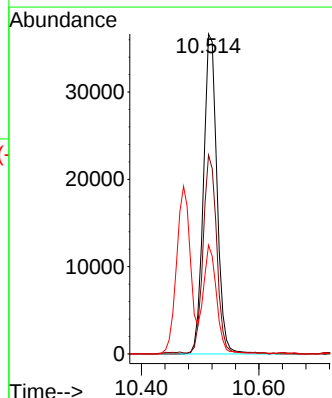
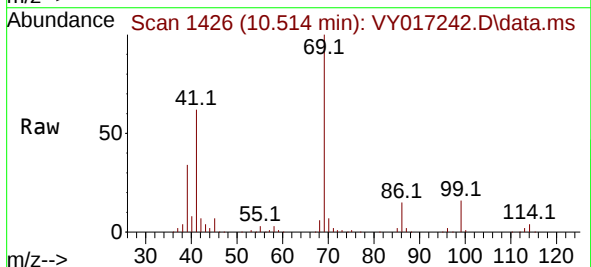
Tgt Ion: 69 Resp: 58719

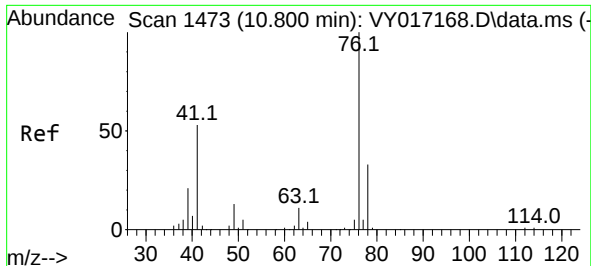
Ion Ratio Lower Upper

69 100

41 63.2 49.2 73.8

39 32.5 26.8 40.2





#57

1,3-Dichloropropane

Concen: 49.936 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

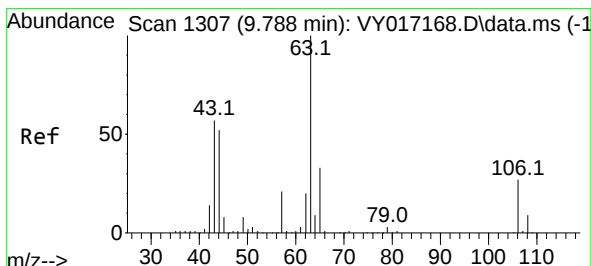
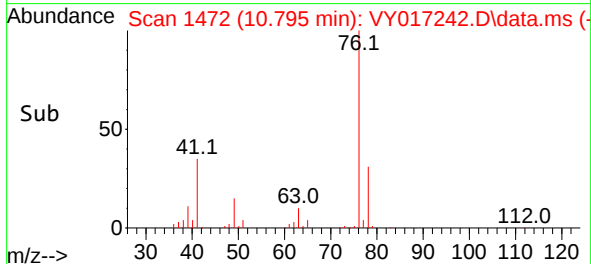
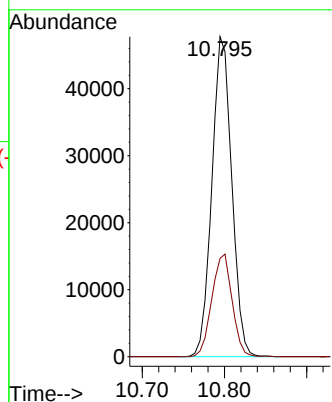
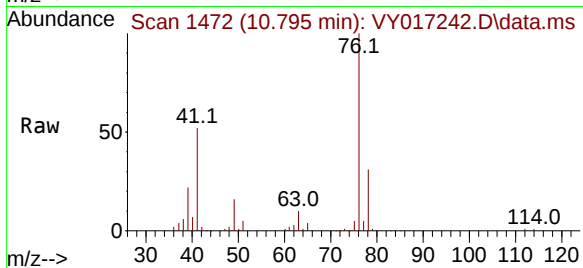
VSTDCCC050EC

Tgt Ion: 76 Resp: 80215

Ion Ratio Lower Upper

76 100

78 32.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 250.931 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017242.D

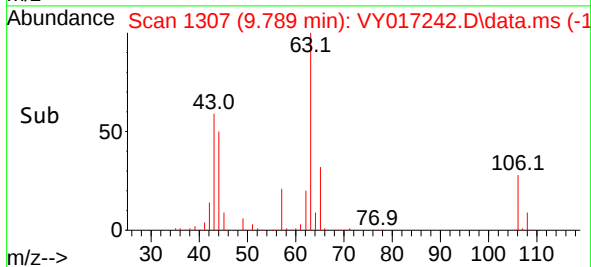
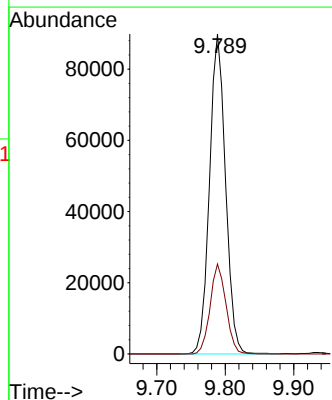
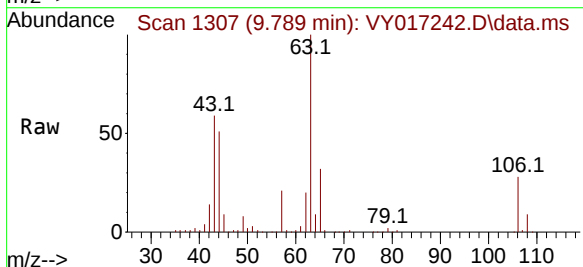
Acq: 05 Feb 2024 20:22

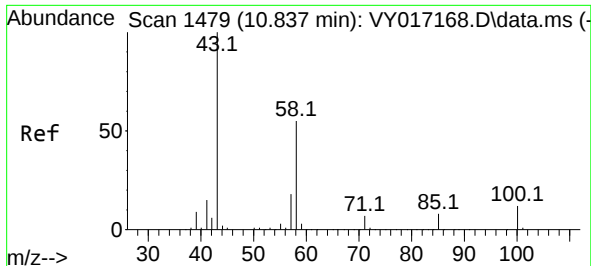
Tgt Ion: 63 Resp: 146000

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6

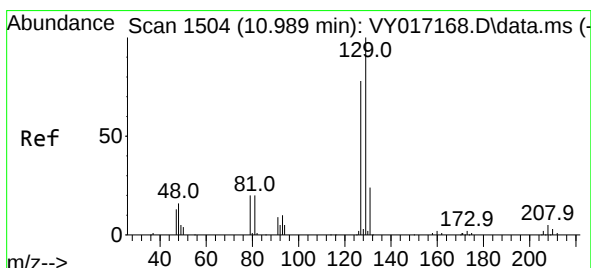
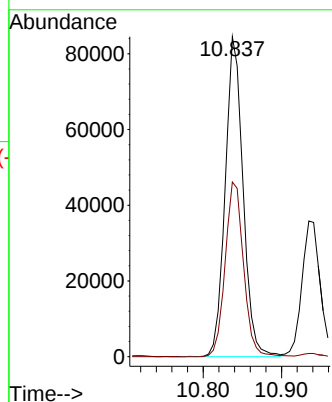
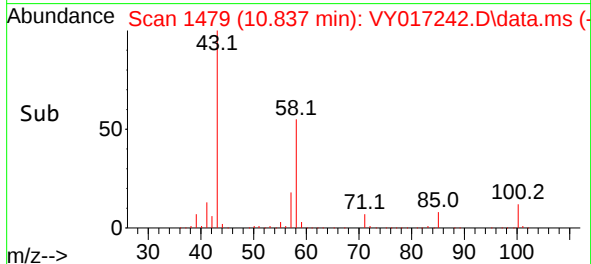
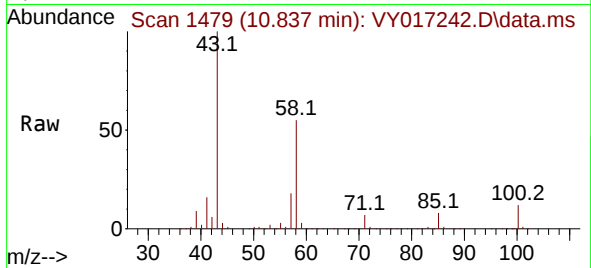




#59
2-Hexanone
Concen: 232.294 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

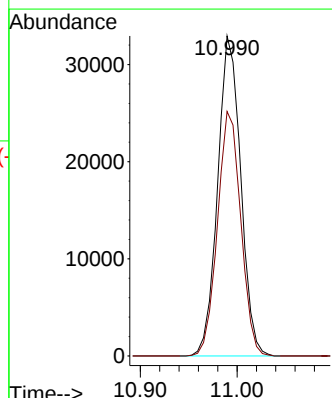
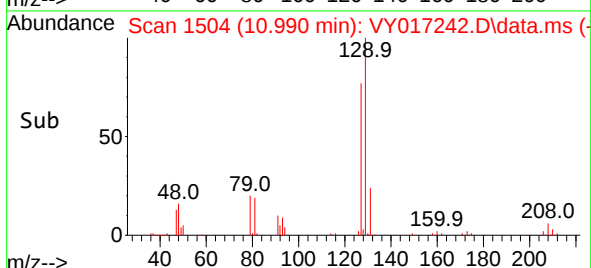
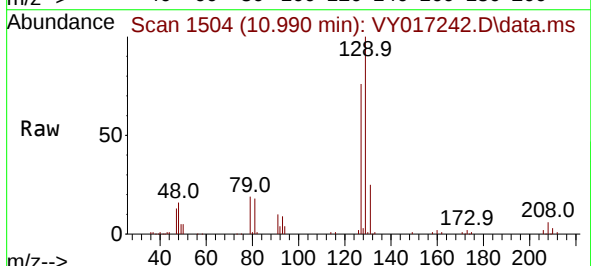
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

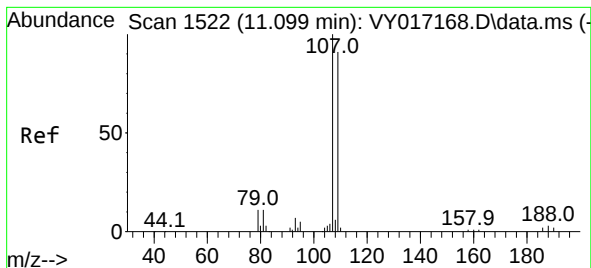
Tgt Ion: 43 Resp: 133932
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 49.707 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion:129 Resp: 54462
Ion Ratio Lower Upper
129 100
127 77.1 39.2 117.6





#61

1,2-Dibromoethane

Concen: 48.601 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

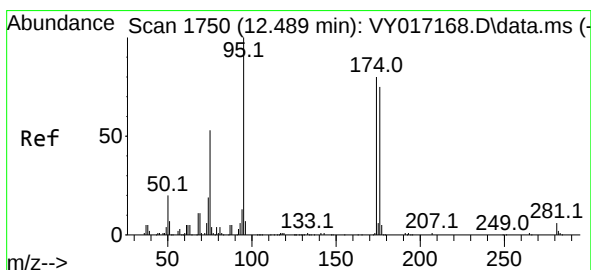
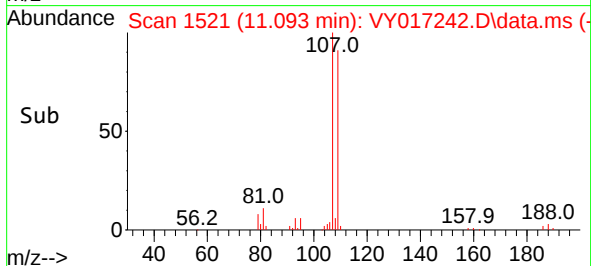
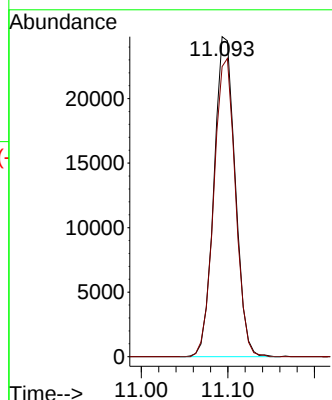
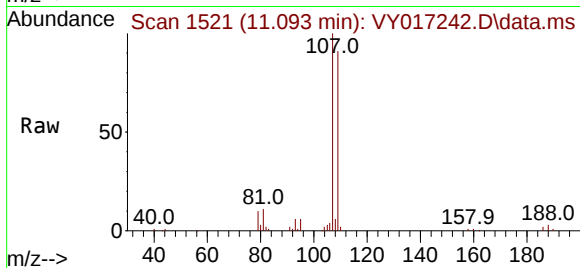
VSTDCCC050EC

Tgt Ion:107 Resp: 42215

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.946 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

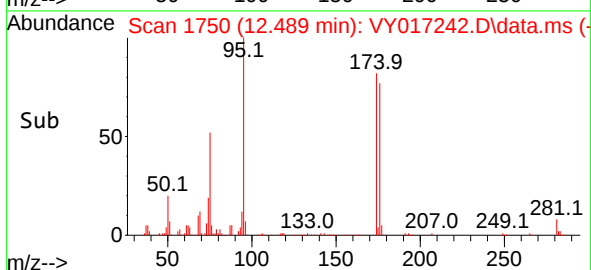
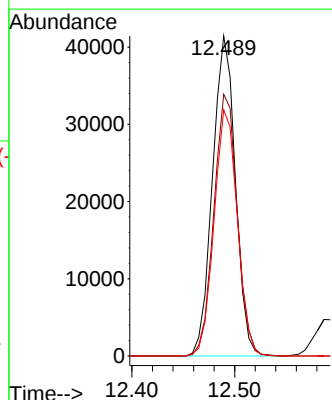
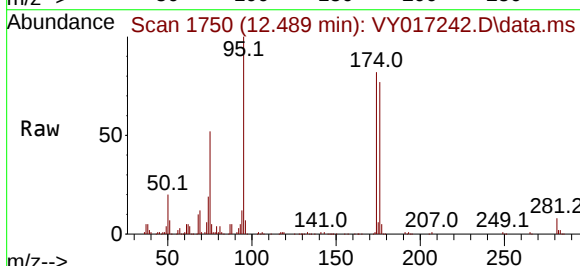
Tgt Ion: 95 Resp: 63818

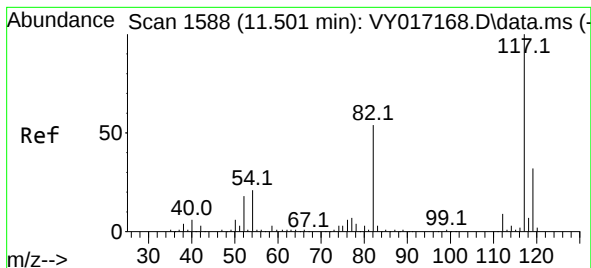
Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.0

176 78.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

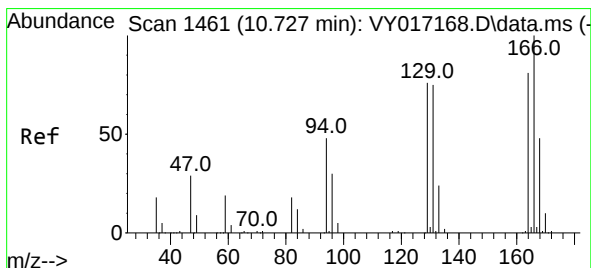
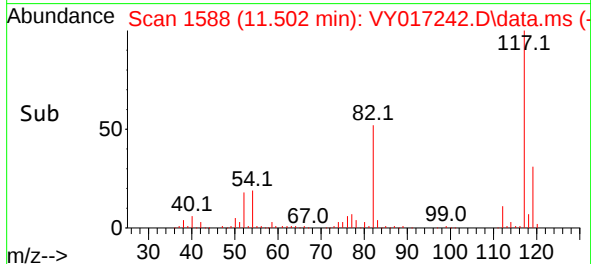
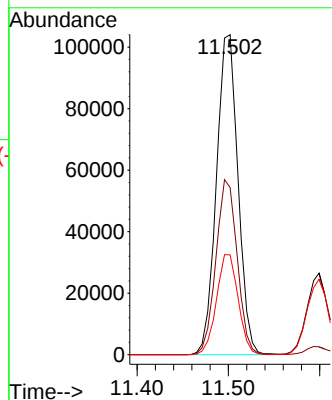
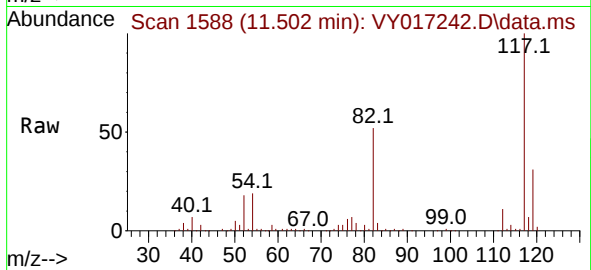
Tgt Ion:117 Resp: 170939

Ion Ratio Lower Upper

117 100

82 52.2 43.8 65.8

119 31.2 26.5 39.7



#64

Tetrachloroethene

Concen: 53.680 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Tgt Ion:164 Resp: 59593

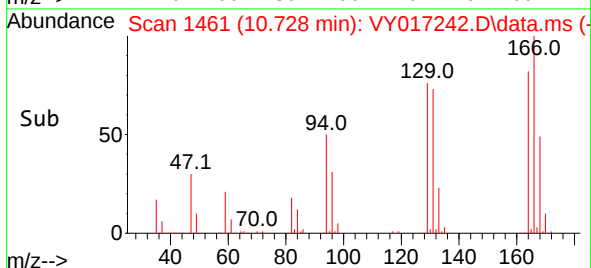
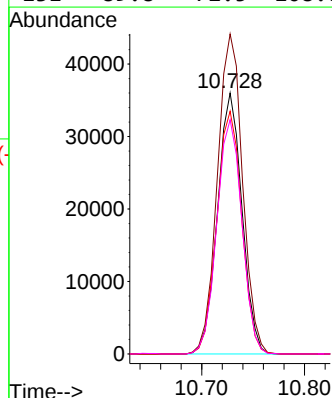
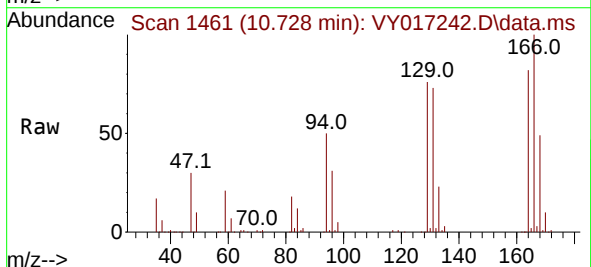
Ion Ratio Lower Upper

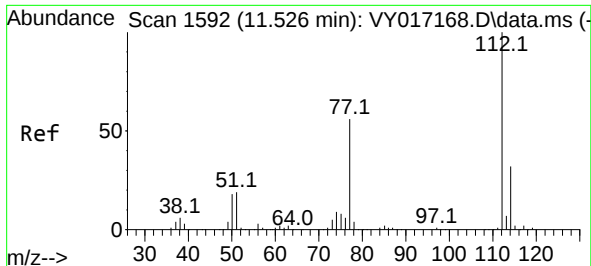
164 100

166 122.6 98.8 148.2

129 93.0 78.9 118.3

131 89.8 72.5 108.7

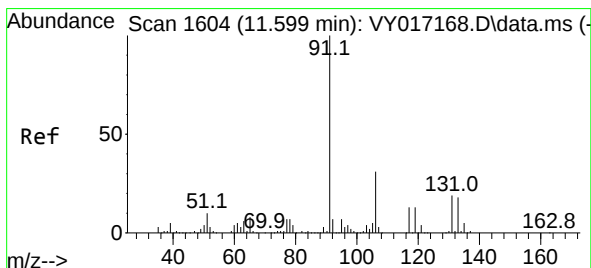
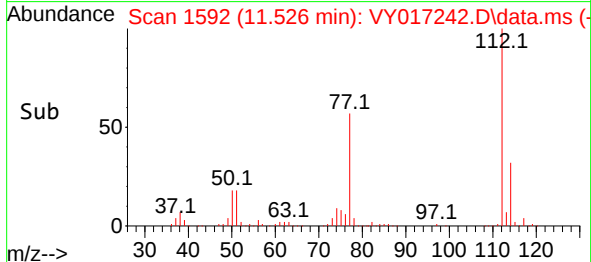
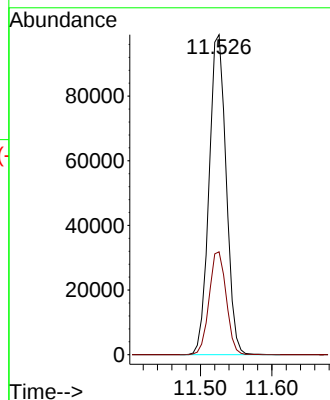
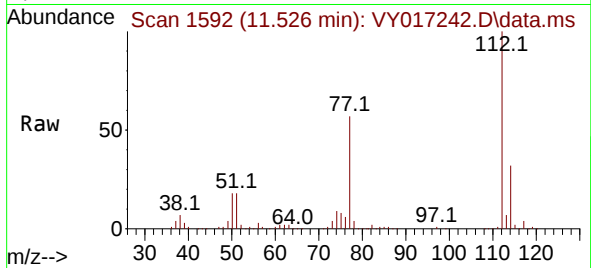




#65
Chlorobenzene
Concen: 49.811 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

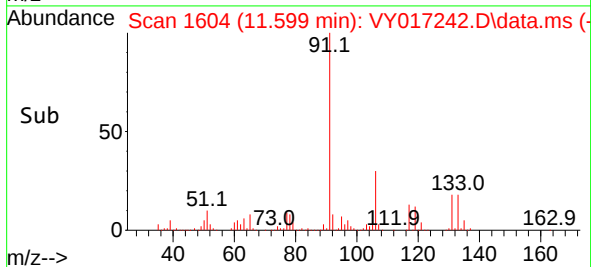
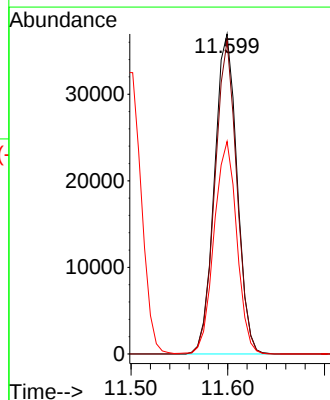
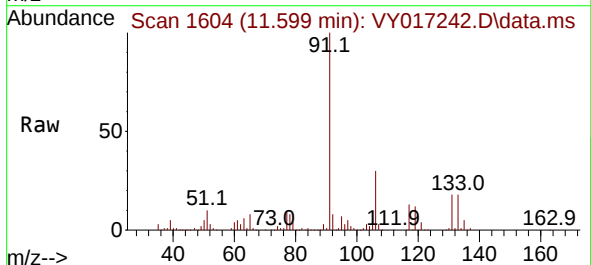
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

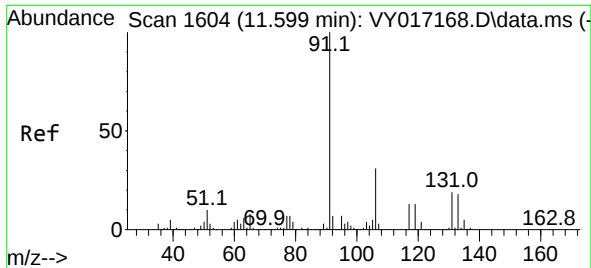
Tgt Ion:112 Resp: 164252
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 49.961 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion:131 Resp: 59872
Ion Ratio Lower Upper
131 100
133 94.8 47.0 141.0
119 66.8 33.3 99.9

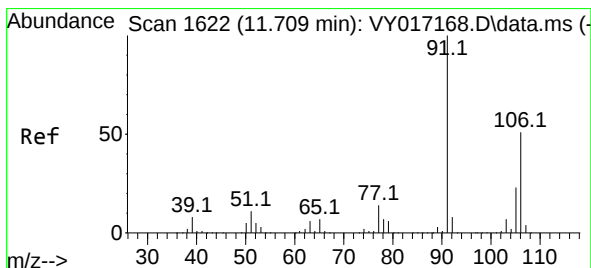
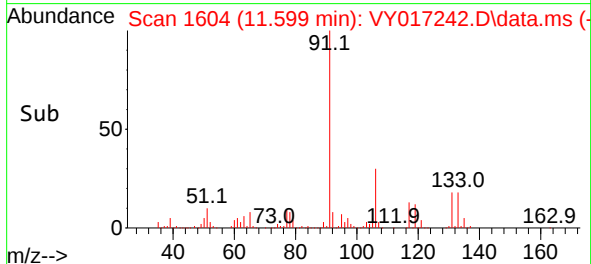
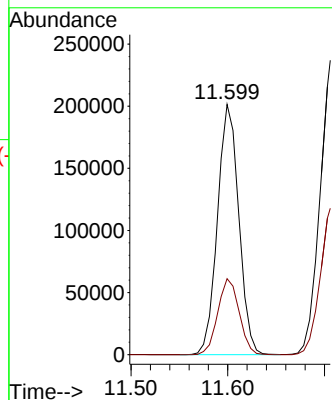
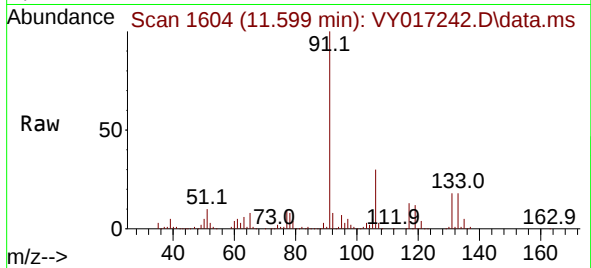




#67
Ethyl Benzene
Concen: 51.635 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

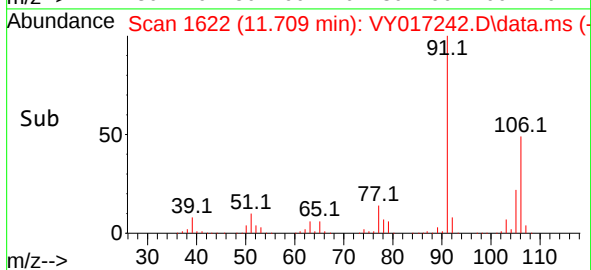
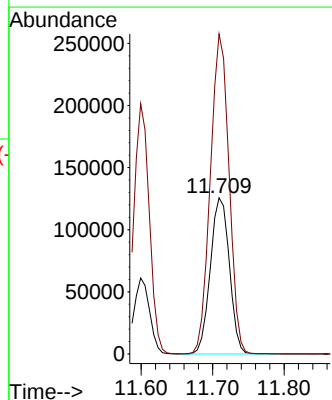
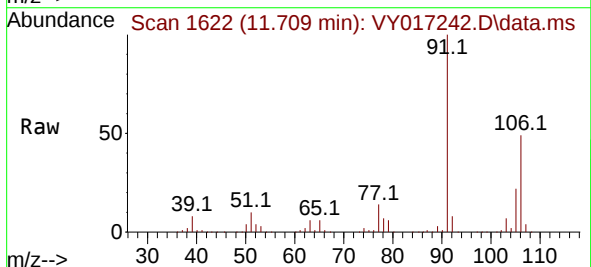
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

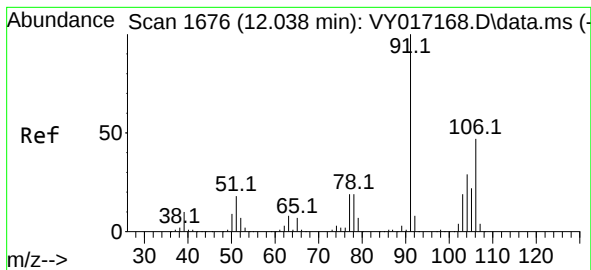
Tgt Ion: 91 Resp: 307725
Ion Ratio Lower Upper
91 100
106 30.4 25.0 37.4



#68
m/p-Xylenes
Concen: 102.795 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion:106 Resp: 232487
Ion Ratio Lower Upper
106 100
91 201.1 160.7 241.1





#69

o-Xylene

Concen: 51.433 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

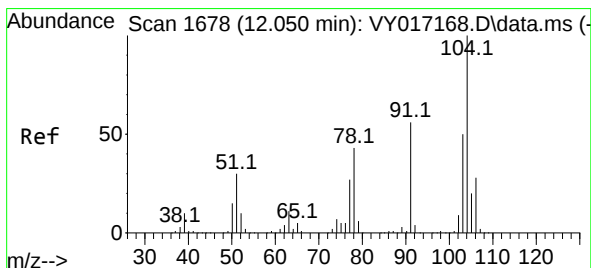
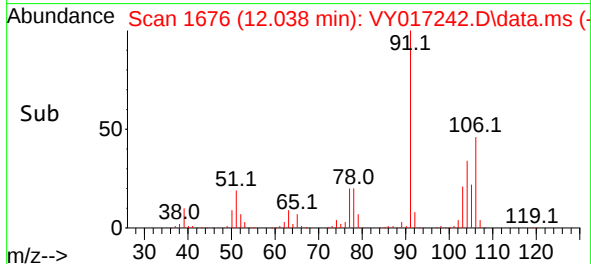
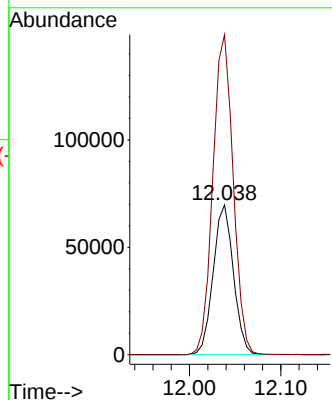
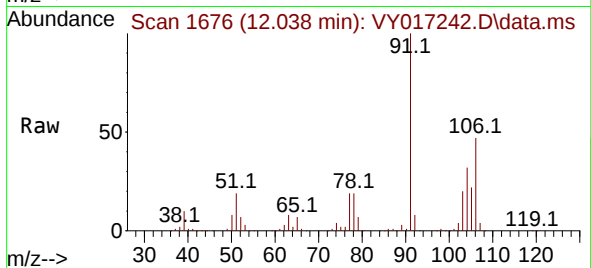
VSTDCCC050EC

Tgt Ion:106 Resp: 107122

Ion Ratio Lower Upper

106 100

91 215.1 106.5 319.5



#70

Styrene

Concen: 52.794 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

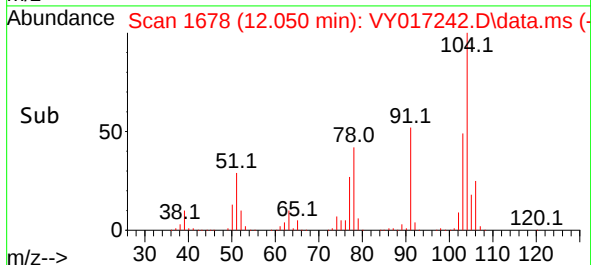
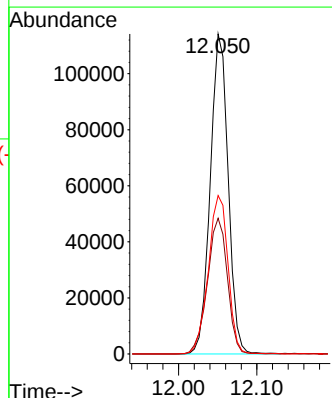
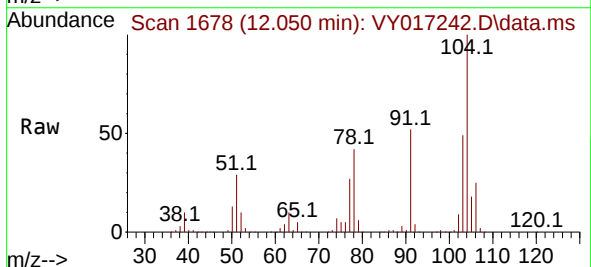
Tgt Ion:104 Resp: 181169

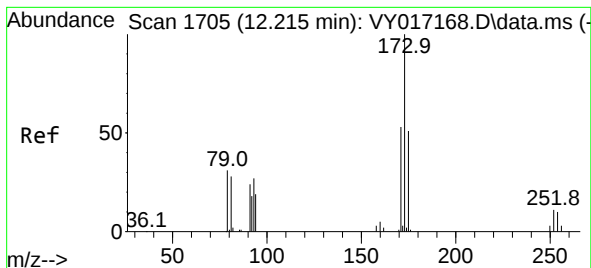
Ion Ratio Lower Upper

104 100

78 47.2 39.2 58.8

103 54.6 43.8 65.6





#71

Bromoform

Concen: 49.080 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

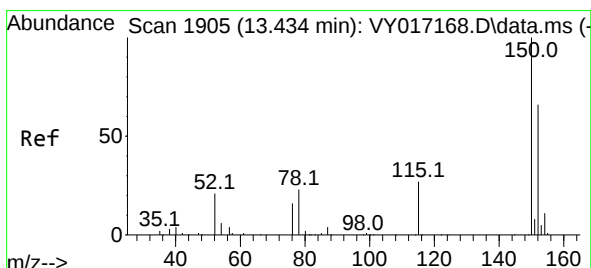
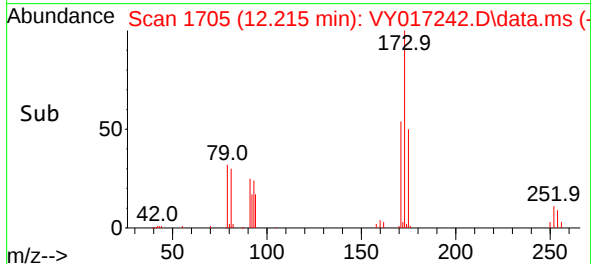
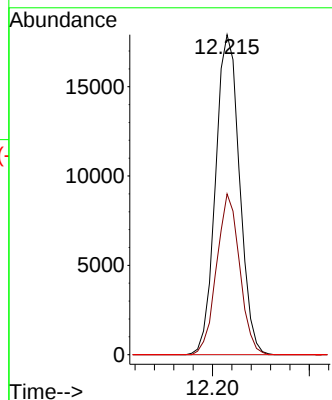
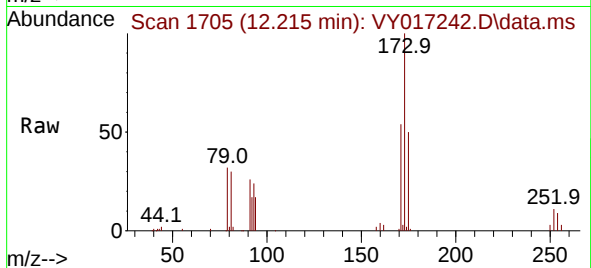
Tgt Ion:173 Resp: 30802

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

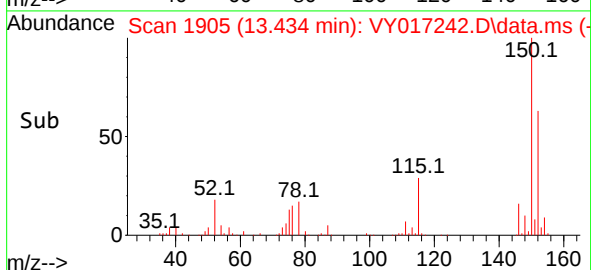
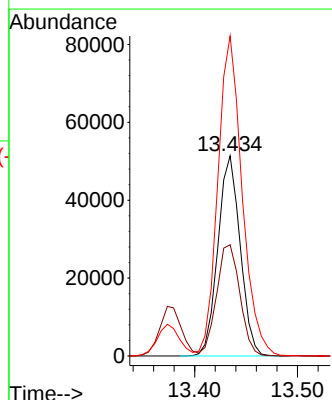
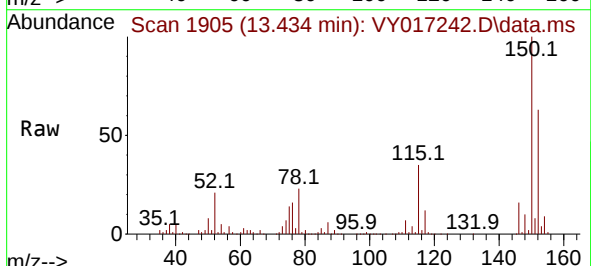
Tgt Ion:152 Resp: 77303

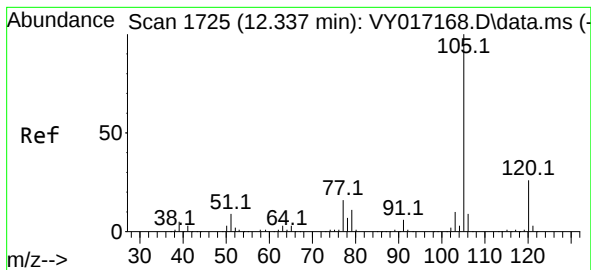
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 174.1 0.0 344.6





#73

Isopropylbenzene

Concen: 50.687 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

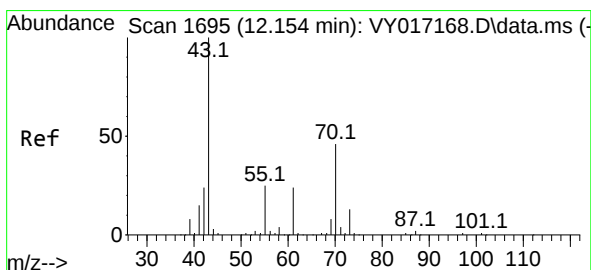
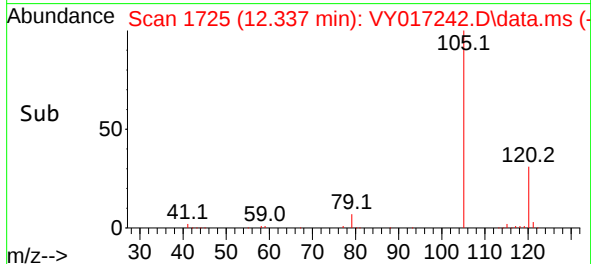
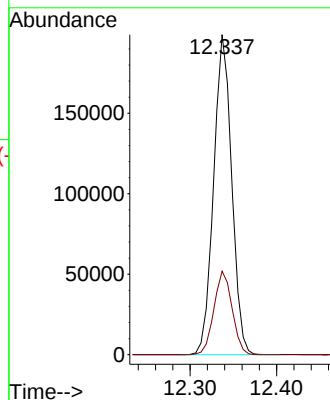
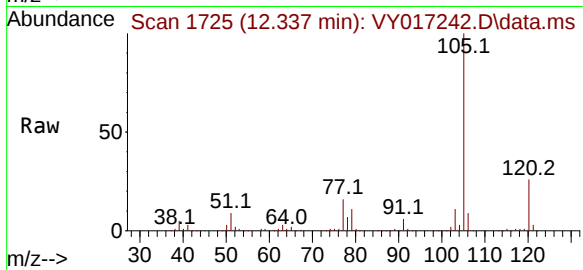
VSTDCCC050EC

Tgt Ion:105 Resp: 287849

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 48.984 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Tgt Ion: 43 Resp: 62505

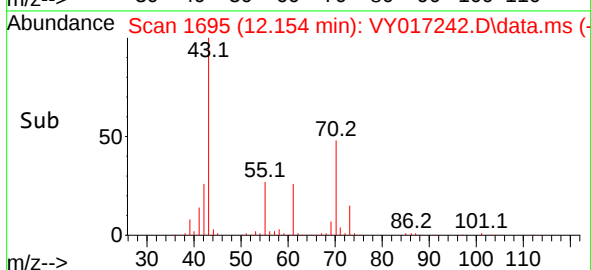
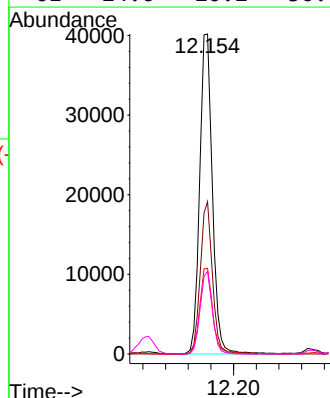
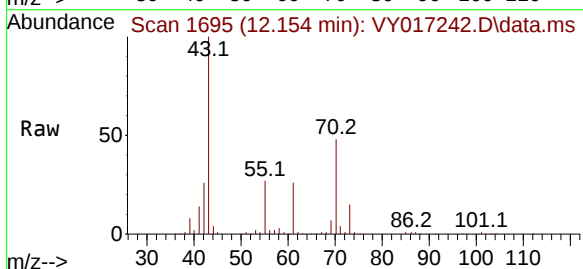
Ion Ratio Lower Upper

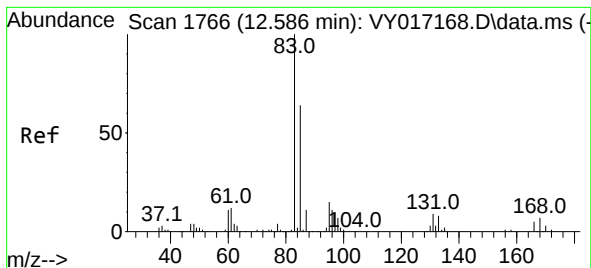
43 100

70 45.4 36.6 55.0

55 27.3 22.2 33.4

61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.673 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

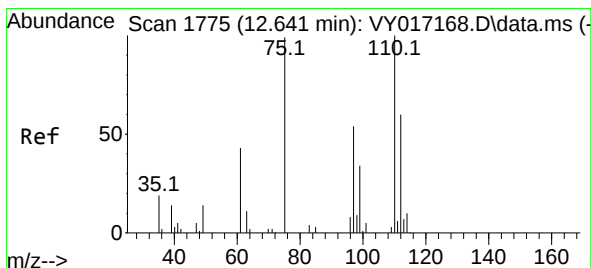
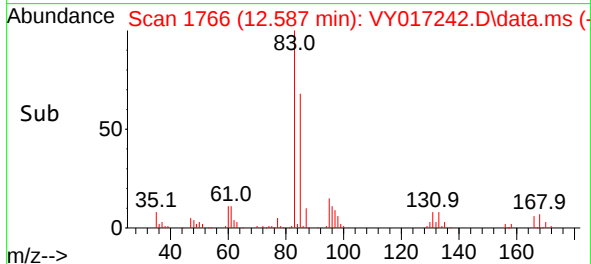
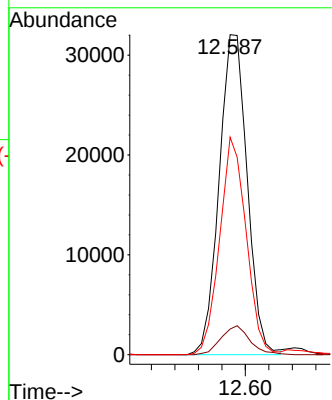
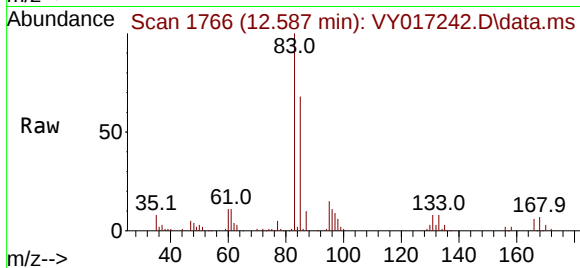
Tgt Ion: 83 Resp: 53249

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 45.297 ug/l m

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY017242.D

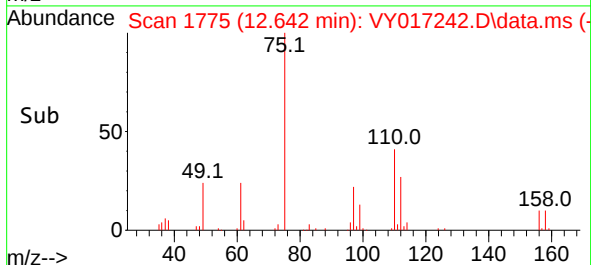
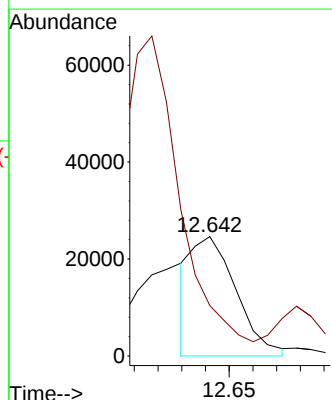
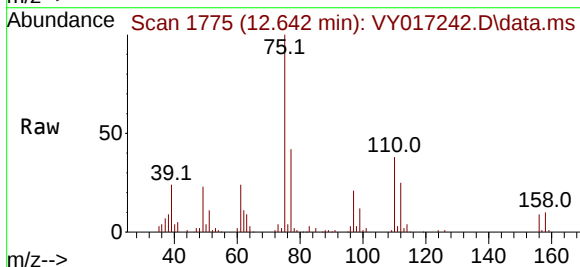
Acq: 05 Feb 2024 20:22

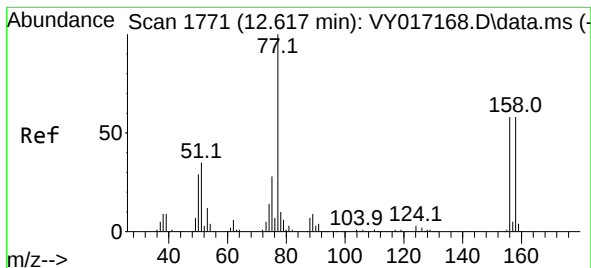
Tgt Ion: 75 Resp: 32319

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.115 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

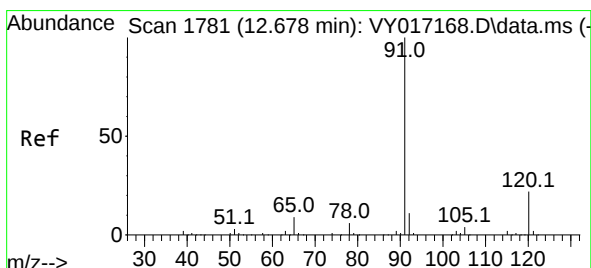
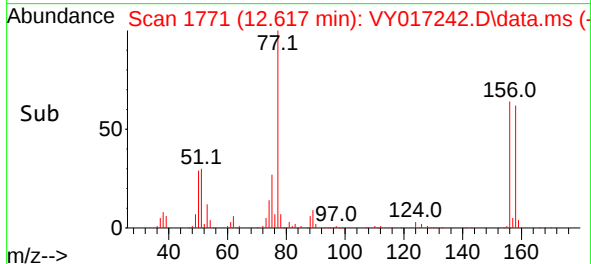
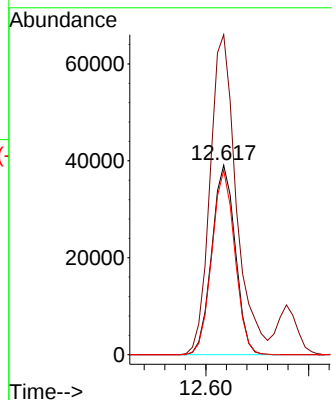
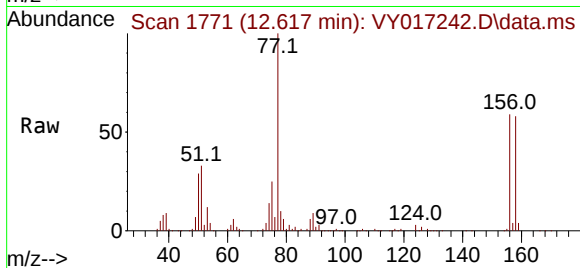
Tgt Ion:156 Resp: 61868

Ion Ratio Lower Upper

156 100

77 189.1 97.3 291.8

158 95.3 48.4 145.0



#78

n-propylbenzene

Concen: 50.610 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017242.D

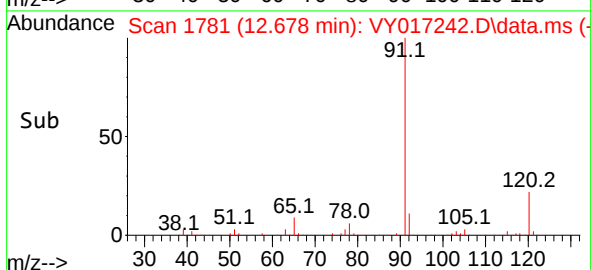
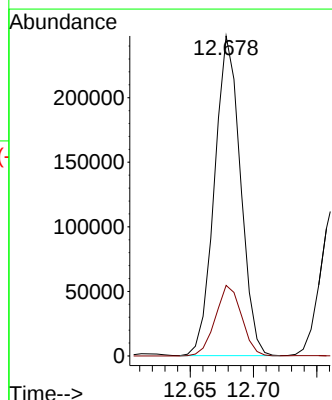
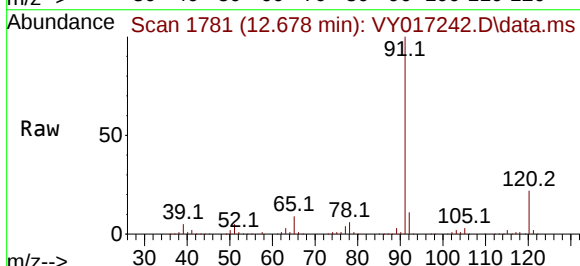
Acq: 05 Feb 2024 20:22

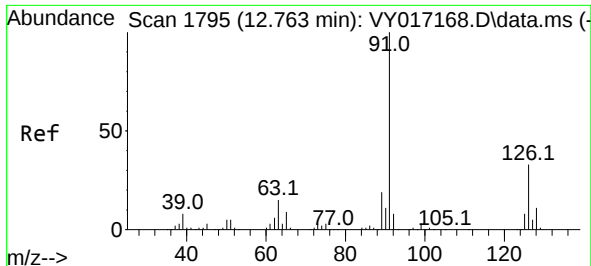
Tgt Ion: 91 Resp: 352994

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

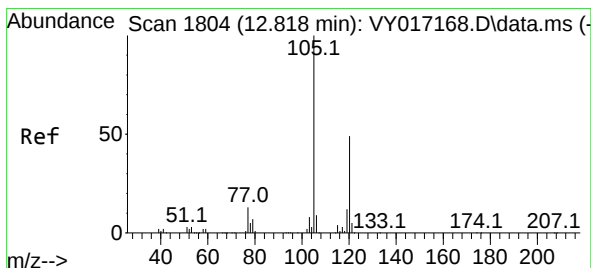
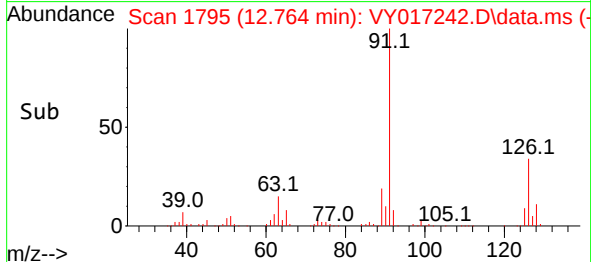
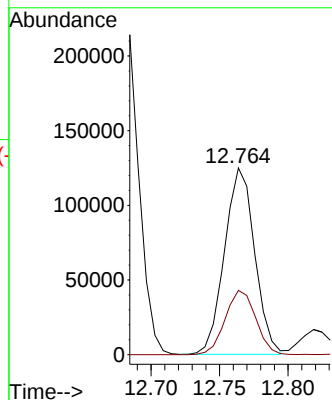
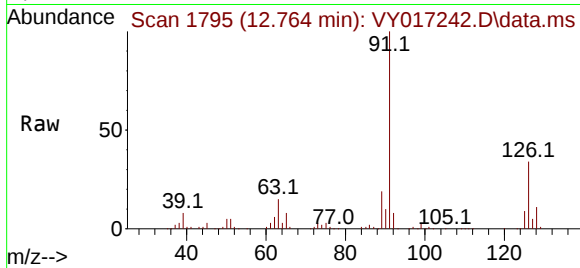




#79
2-Chlorotoluene
Concen: 49.927 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

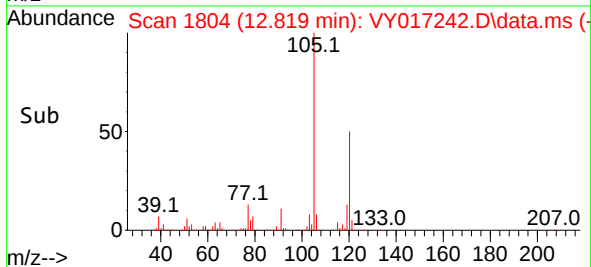
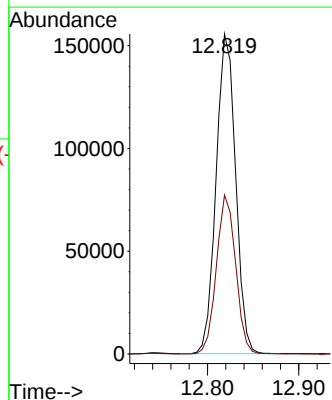
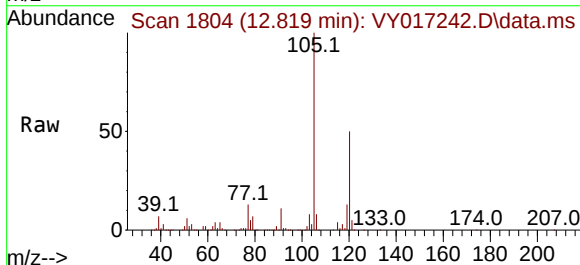
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

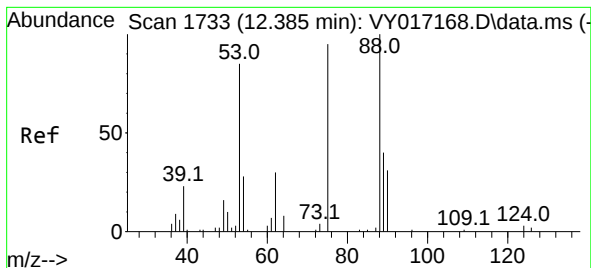
Tgt Ion: 91 Resp: 191445
Ion Ratio Lower Upper
91 100
126 34.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.072 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 105 Resp: 230668
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

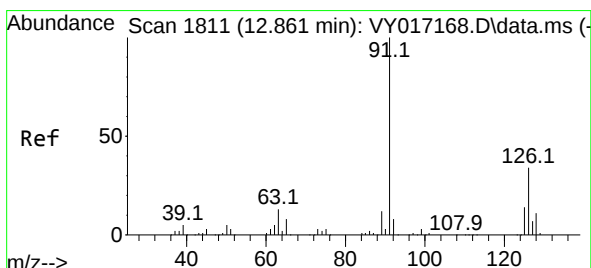
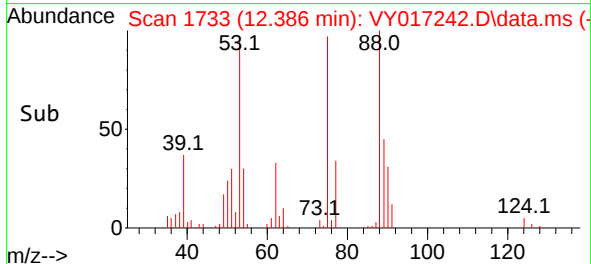
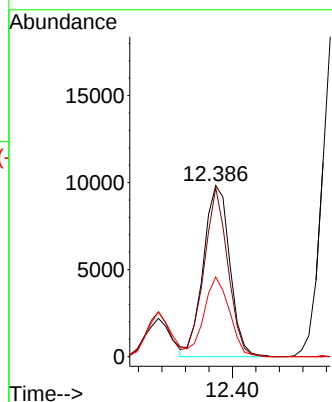
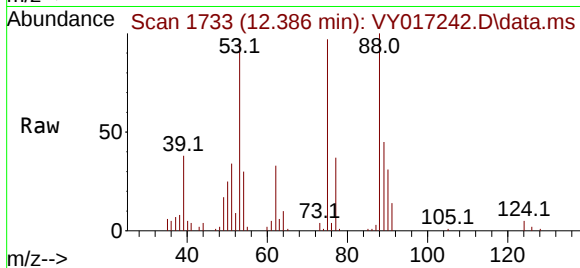




#81
trans-1,4-Dichloro-2-butene
Concen: 44.735 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

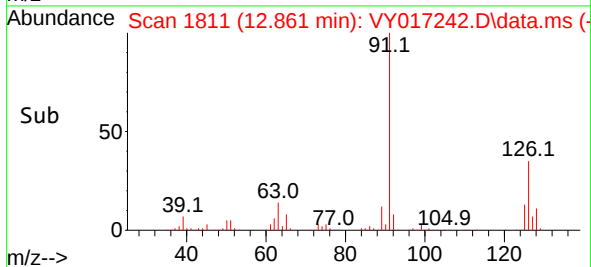
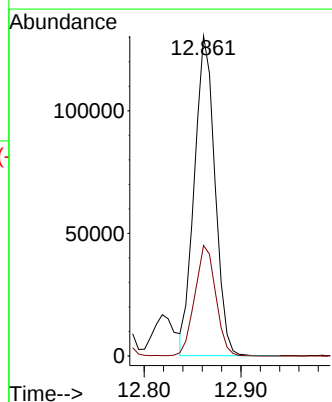
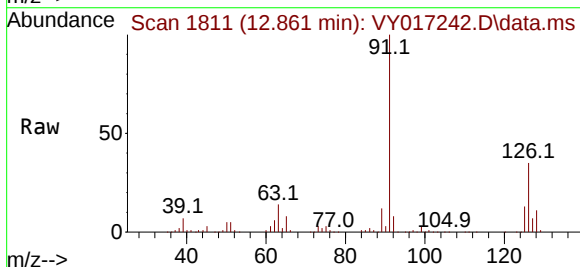
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

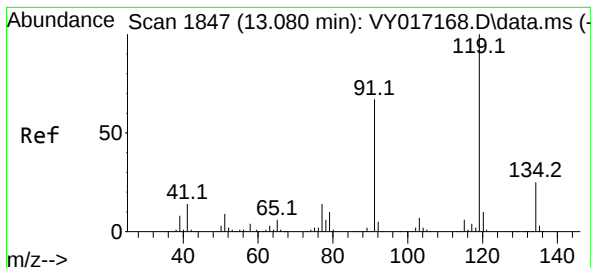
Tgt Ion: 75 Resp: 15361
Ion Ratio Lower Upper
75 100
53 88.9 74.0 111.0
89 44.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 48.824 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 91 Resp: 192684
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.682 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

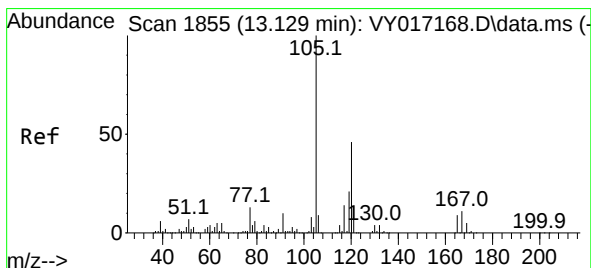
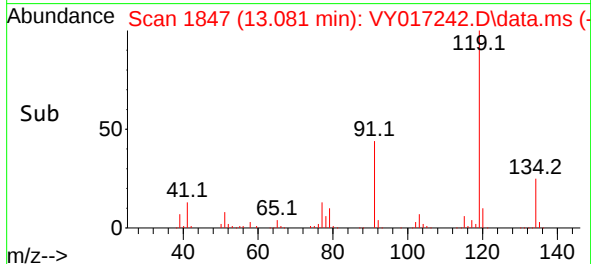
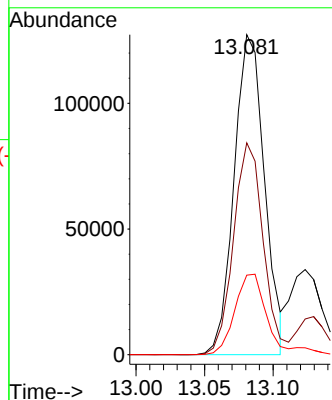
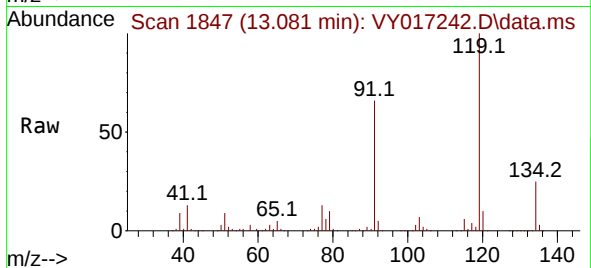
Tgt Ion:119 Resp: 196217

Ion Ratio Lower Upper

119 100

91 65.0 31.5 94.5

134 27.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.904 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017242.D

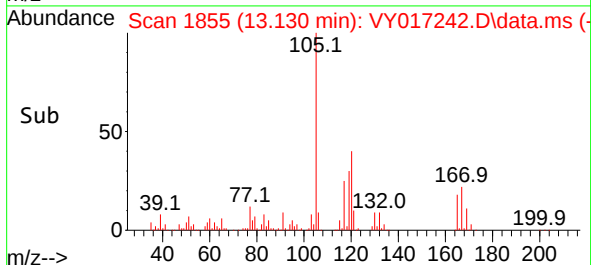
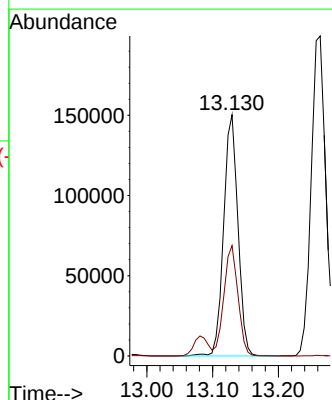
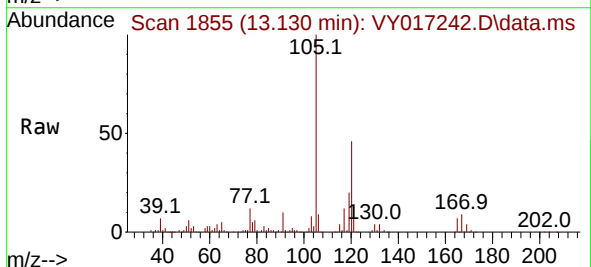
Acq: 05 Feb 2024 20:22

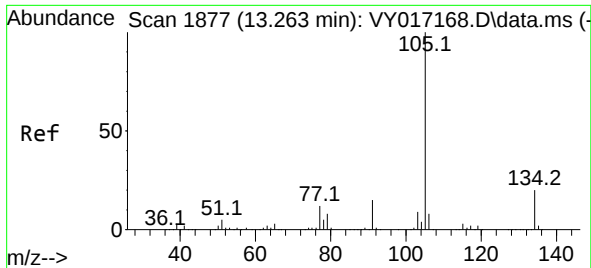
Tgt Ion:105 Resp: 226934

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3

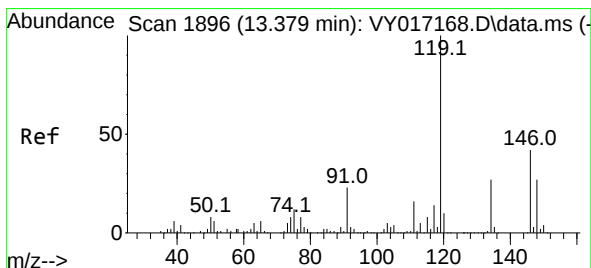
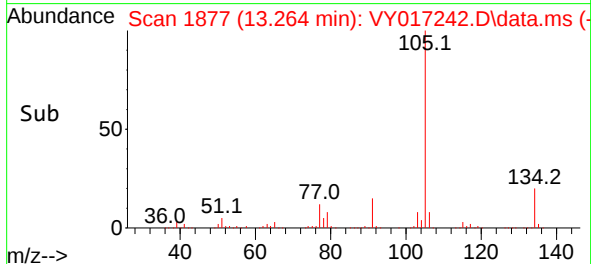
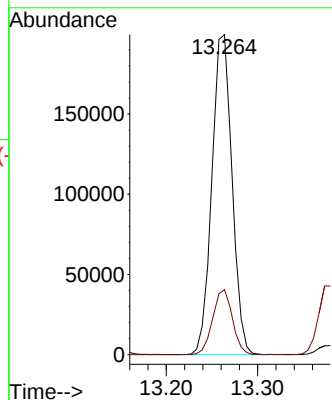
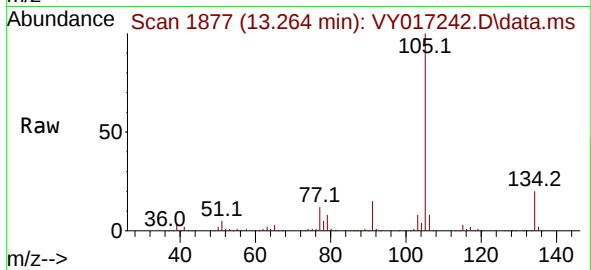




#85
 sec-Butylbenzene
 Concen: 50.503 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY017242.D
 Acq: 05 Feb 2024 20:22

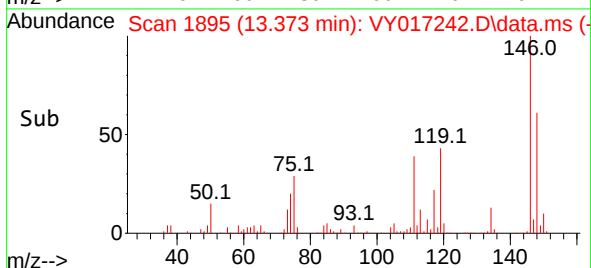
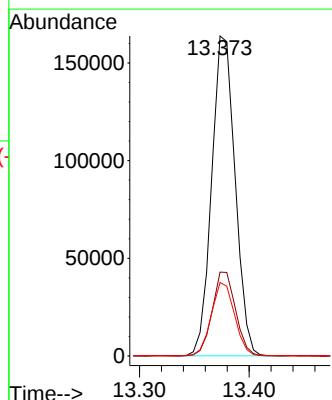
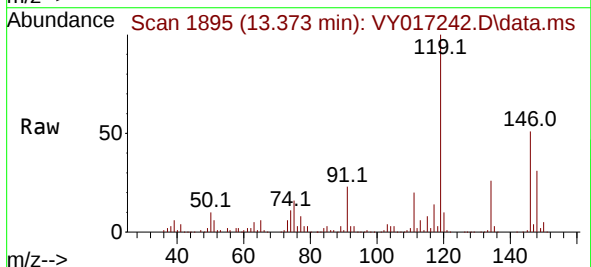
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

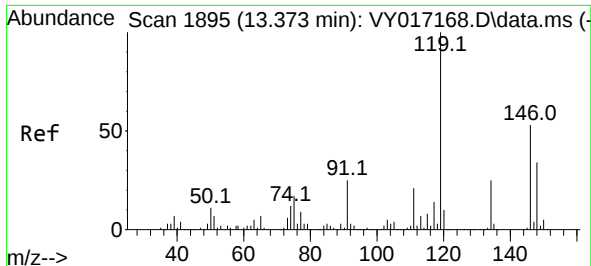
Tgt Ion:105 Resp: 305593
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.364 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017242.D
 Acq: 05 Feb 2024 20:22

Tgt Ion:119 Resp: 243526
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.1
 91 22.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.678 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

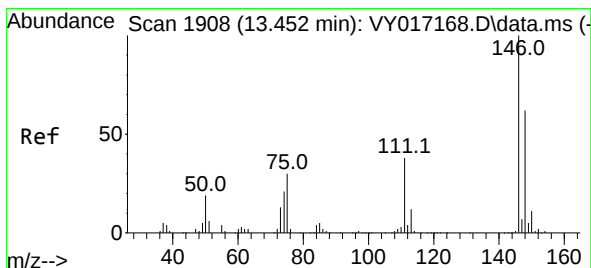
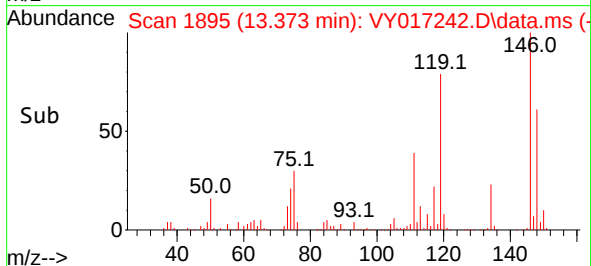
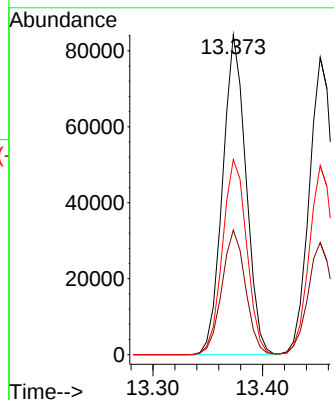
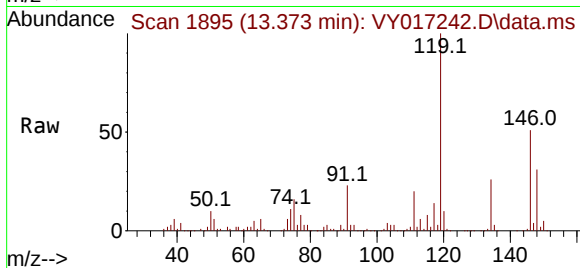
Tgt Ion:146 Resp: 124838

Ion Ratio Lower Upper

146 100

111 39.4 20.2 60.5

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 49.267 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

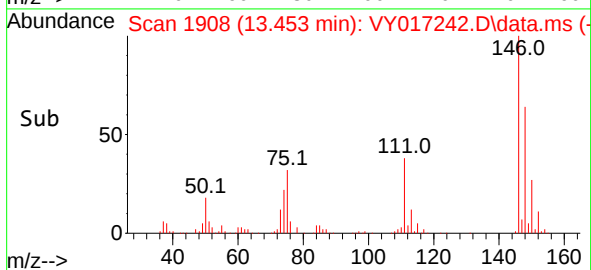
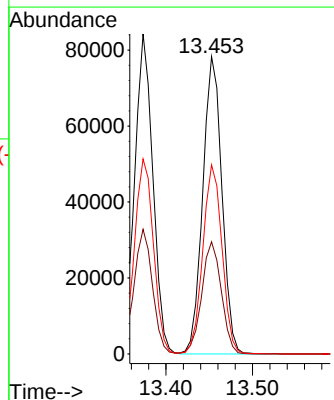
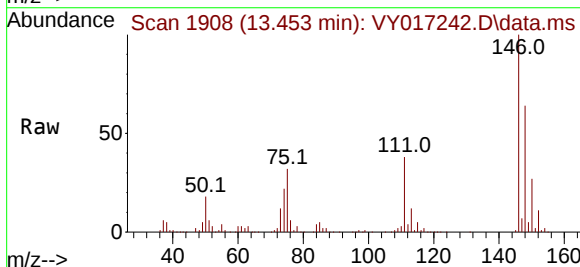
Tgt Ion:146 Resp: 120280

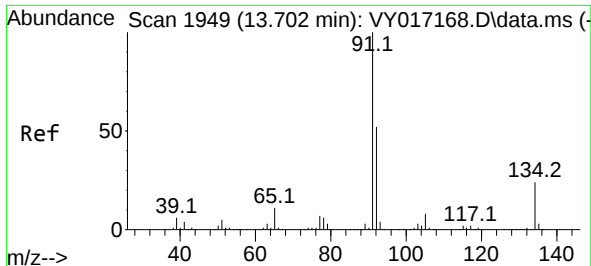
Ion Ratio Lower Upper

146 100

111 38.6 19.3 57.9

148 63.9 31.6 94.7





#89

n-Butylbenzene

Concen: 50.164 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

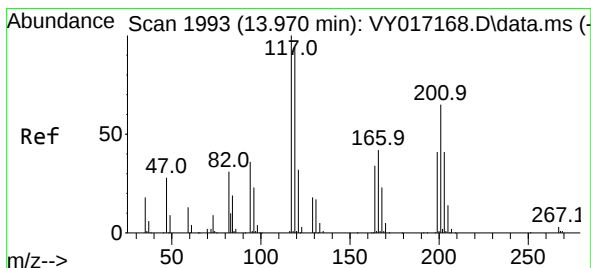
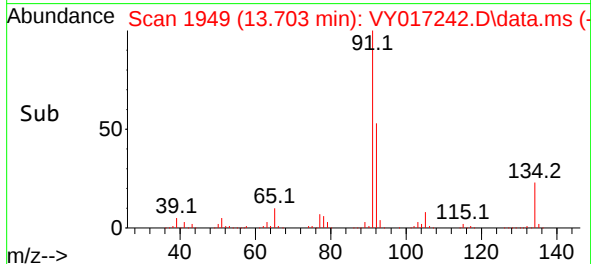
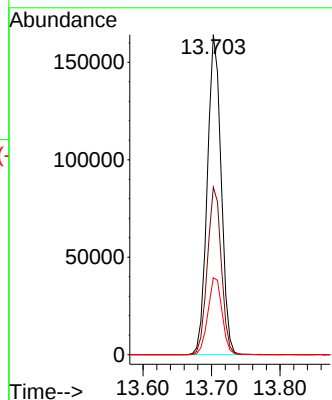
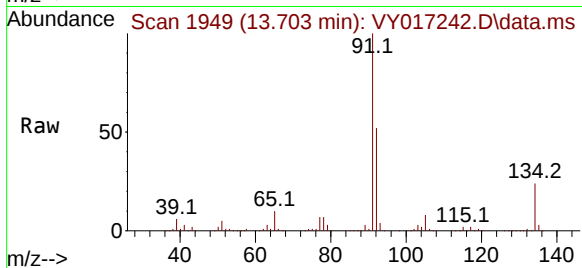
Tgt Ion: 91 Resp: 230621

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.2

134 24.6 12.3 36.8



#90

Hexachloroethane

Concen: 50.126 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017242.D

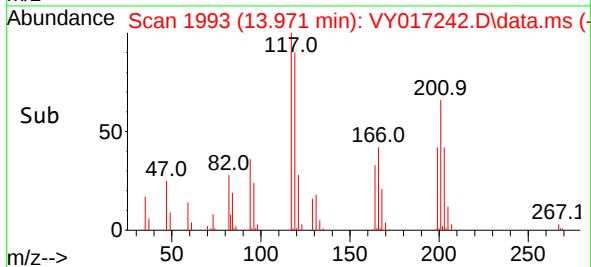
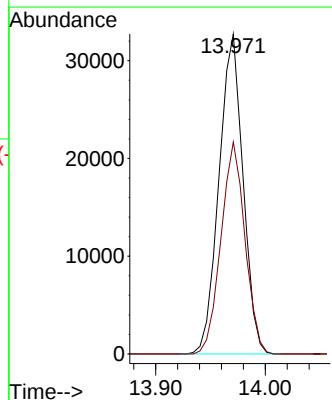
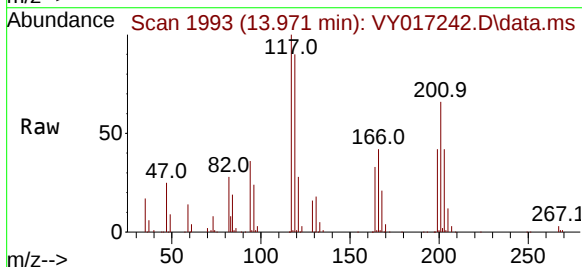
Acq: 05 Feb 2024 20:22

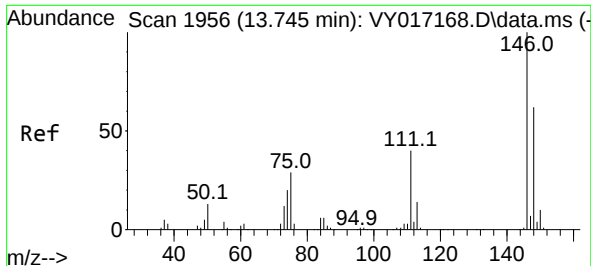
Tgt Ion: 117 Resp: 49758

Ion Ratio Lower Upper

117 100

201 66.1 33.4 100.1

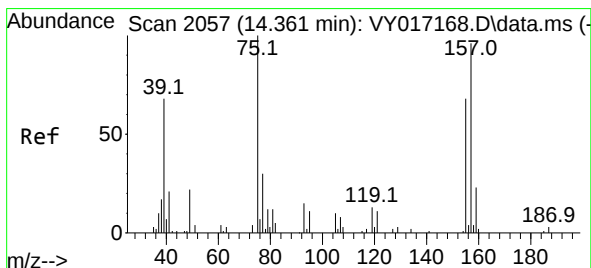
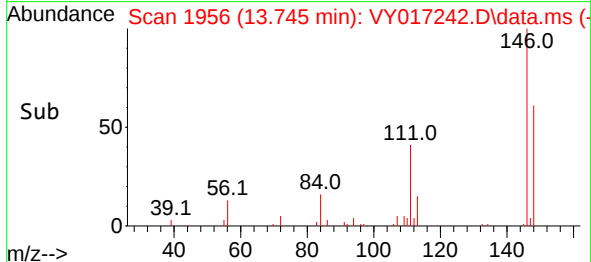
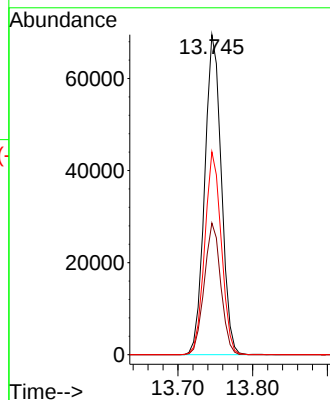
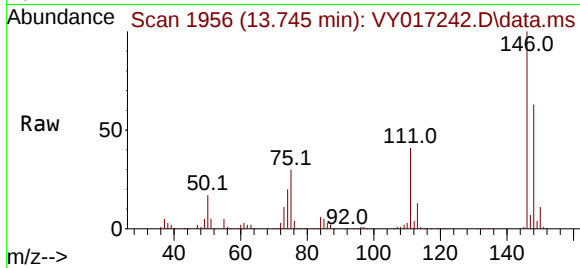




#91
1,2-Dichlorobenzene
Concen: 50.219 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

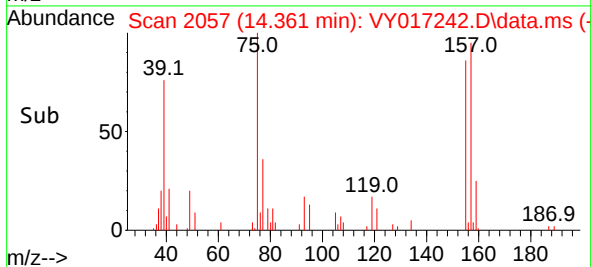
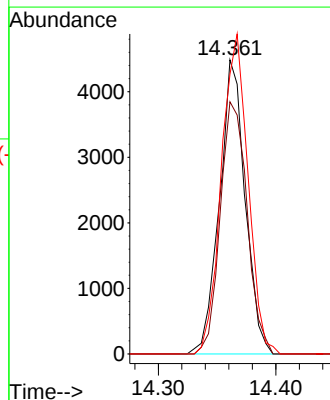
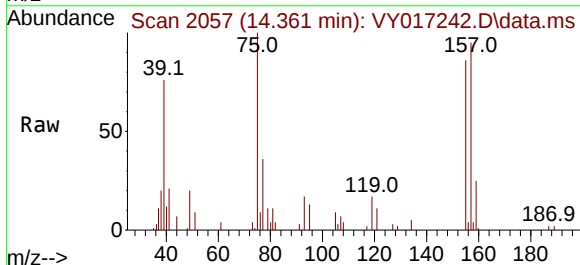
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

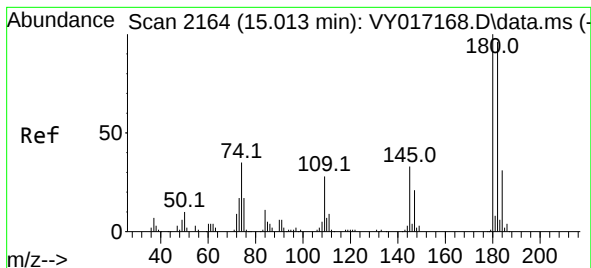
Tgt Ion:146 Resp: 107431
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 63.0 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.793 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017242.D
Acq: 05 Feb 2024 20:22

Tgt Ion: 75 Resp: 6808
Ion Ratio Lower Upper
75 100
155 89.8 42.1 126.3
157 112.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 52.871 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

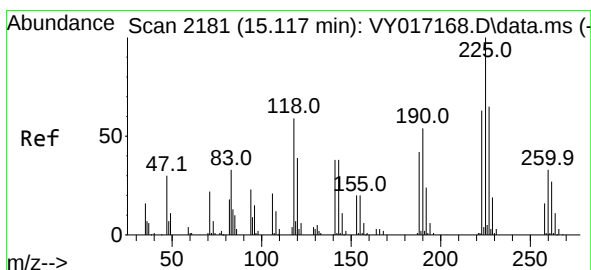
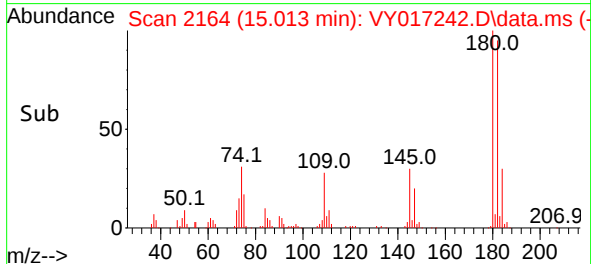
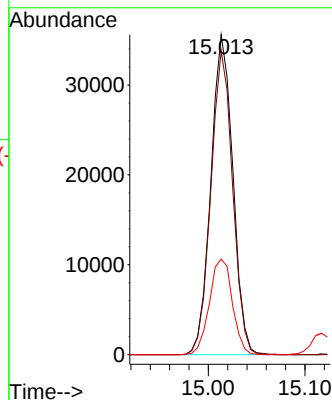
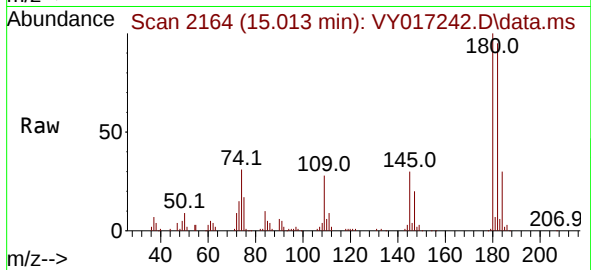
Tgt Ion:180 Resp: 56181

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.742 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

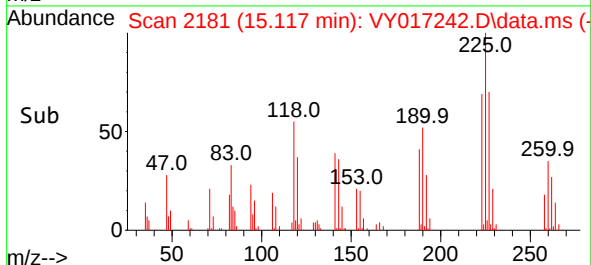
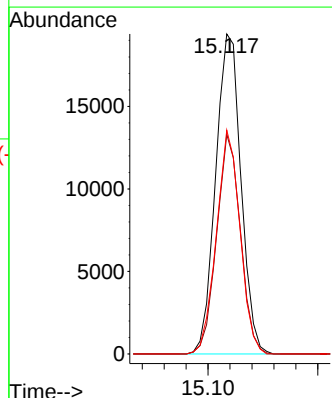
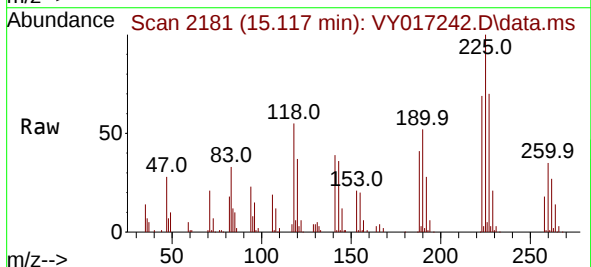
Tgt Ion:225 Resp: 31130

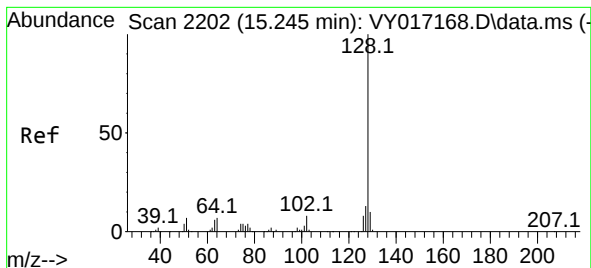
Ion Ratio Lower Upper

225 100

223 64.3 31.4 94.3

227 65.1 32.3 96.8





#95

Naphthalene

Concen: 49.920 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

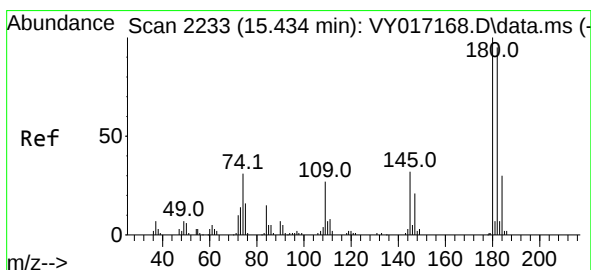
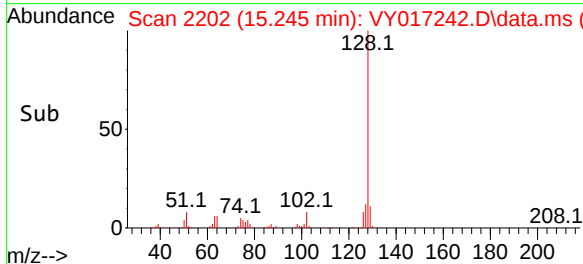
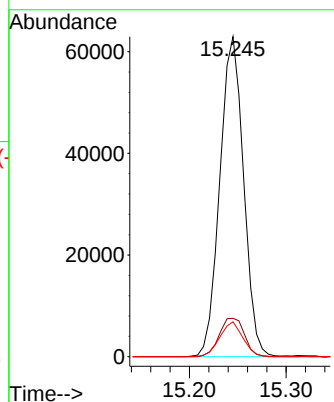
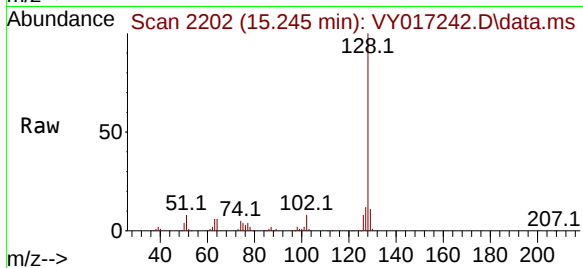
Tgt Ion:128 Resp: 107098

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.194 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017242.D

Acq: 05 Feb 2024 20:22

Tgt Ion:180 Resp: 48073

Ion Ratio Lower Upper

180 100

182 95.4 46.3 138.8

145 32.0 16.1 48.2

