

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017046.D
 Acq On : 19 Jan 2024 11:02
 Operator : SY/MD
 Sample : VY0119SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

Quant Time: Jan 19 22:18:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	147398	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	248165	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	211670	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	91960	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	75036	51.507	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.020%	
35) Dibromofluoromethane	7.752	113	82784	52.349	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.700%	
50) Toluene-d8	10.209	98	277688	50.993	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.508	95	96208	52.365	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	20948	16.851	ug/l	96
3) Chloromethane	2.138	50	27621	15.952	ug/l	98
4) Vinyl Chloride	2.272	62	34773	17.026	ug/l	100
5) Bromomethane	2.674	94	26831	18.337	ug/l	99
6) Chloroethane	2.820	64	25167	18.216	ug/l	93
7) Trichlorofluoromethane	3.156	101	48090	19.110	ug/l	98
8) Diethyl Ether	3.558	74	16205	20.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.942	101	32550	19.893	ug/l	100
10) Methyl Iodide	4.137	142	24429	17.549	ug/l	98
11) Tert butyl alcohol	4.991	59	13132	104.599	ug/l	97
12) 1,1-Dichloroethene	3.912	96	26712	19.027	ug/l	94
13) Acrolein	3.765	56	14315	84.912	ug/l	97
14) Allyl chloride	4.527	41	42469	19.135	ug/l	99
15) Acrylonitrile	5.210	53	38537	102.444	ug/l	98
16) Acetone	3.985	43	48552	122.956	ug/l	95
17) Carbon Disulfide	4.235	76	45627	13.602	ug/l	98
18) Methyl Acetate	4.521	43	28002	17.941	ug/l	100
19) Methyl tert-butyl Ether	5.271	73	75711	20.729	ug/l	95
20) Methylene Chloride	4.765	84	35984	13.549	ug/l	98
21) trans-1,2-Dichloroethene	5.271	96	29860	18.571	ug/l	98
22) Diisopropyl ether	6.161	45	107328	20.917	ug/l	98
23) Vinyl Acetate	6.106	43	249618	106.097	ug/l	99
24) 1,1-Dichloroethane	6.064	63	61751	20.027	ug/l	97
25) 2-Butanone	7.027	43	60876	117.302	ug/l	99
26) 2,2-Dichloropropane	7.021	77	54607	20.425	ug/l	100
27) cis-1,2-Dichloroethene	7.027	96	37810	20.060	ug/l	98
28) Bromochloromethane	7.374	49	20364	17.592	ug/l	97
29) Tetrahydrofuran	7.393	42	29718	100.788	ug/l	99
30) Chloroform	7.545	83	66358	20.884	ug/l	100
31) Cyclohexane	7.826	56	44139	17.653	ug/l	94
32) 1,1,1-Trichloroethane	7.746	97	55535	20.613	ug/l	99
36) 1,1-Dichloropropene	7.954	75	44081	19.127	ug/l	99
37) Ethyl Acetate	7.112	43	21304	20.341	ug/l	99
38) Carbon Tetrachloride	7.941	117	47273	20.189	ug/l	100
39) Methylcyclohexane	9.216	83	45736	17.653	ug/l	99
40) Benzene	8.197	78	135650	19.621	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	11854	21.490	ug/l	91
42) 1,2-Dichloroethane	8.277	62	37061	20.193	ug/l	100
43) Isopropyl Acetate	8.307	43	40812	20.349	ug/l	99
44) Trichloroethene	8.972	130	35679	20.281	ug/l	94
45) 1,2-Dichloropropane	9.246	63	36567	20.531	ug/l	98
46) Dibromomethane	9.338	93	18431	20.290	ug/l	98
47) Bromodichloromethane	9.527	83	50422	20.671	ug/l	94
48) Methyl methacrylate	9.325	41	21029	19.428	ug/l	94
49) 1,4-Dioxane	9.325	88	3997	424.971	ug/l	96
51) 4-Methyl-2-Pentanone	10.100	43	111945	104.952	ug/l	100
52) Toluene	10.270	92	84159	20.171	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	43482	19.901	ug/l	99
54) cis-1,3-Dichloropropene	9.959	75	53494	20.387	ug/l	97
55) 1,1,2-Trichloroethane	10.673	97	27949	21.061	ug/l	98
56) Ethyl methacrylate	10.532	69	22883	20.358	ug/l	98
57) 1,3-Dichloropropane	10.819	76	45487	20.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.813	63	52869	86.972	ug/l	99
59) 2-Hexanone	10.856	43	84647	107.777	ug/l	100
60) Dibromochloromethane	11.008	129	32275	21.090	ug/l	99
61) 1,2-Dibromoethane	11.112	107	23381	20.279	ug/l	98
64) Tetrachloroethene	10.746	164	27226	19.840	ug/l	97
65) Chlorobenzene	11.538	112	90108	20.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.612	131	35695	21.295	ug/l	99
67) Ethyl Benzene	11.618	91	164780	20.757	ug/l	99
68) m/p-Xylenes	11.727	106	119603	41.045	ug/l	100
69) o-Xylene	12.050	106	56583	20.713	ug/l	99
70) Styrene	12.069	104	84674	21.297	ug/l	99
71) Bromoform	12.233	173	17867	21.652	ug/l #	96
73) Isopropylbenzene	12.349	105	160816	21.415	ug/l	100
74) N-amyl acetate	12.166	43	31791	21.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.605	83	32300	21.110	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	36887	36.963	ug/l #	100
77) Bromobenzene	12.630	156	34350	20.776	ug/l	99
78) n-propylbenzene	12.697	91	192746	21.113	ug/l	99
79) 2-Chlorotoluene	12.782	91	105355	20.811	ug/l	99
80) 1,3,5-Trimethylbenzene	12.837	105	127169	21.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	8984	20.443	ug/l	99
82) 4-Chlorotoluene	12.880	91	108791	21.035	ug/l	98
83) tert-Butylbenzene	13.099	119	115210	22.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	124402	21.269	ug/l	99
85) sec-Butylbenzene	13.276	105	169114	21.818	ug/l	99
86) p-Isopropyltoluene	13.392	119	136712	21.371	ug/l	99
87) 1,3-Dichlorobenzene	13.392	146	67882	20.934	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	67617	21.320	ug/l	98
89) n-Butylbenzene	13.715	91	132053	21.470	ug/l	100
90) Hexachloroethane	13.983	117	29270	21.294	ug/l	100
91) 1,2-Dichlorobenzene	13.764	146	59184	21.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	4017	20.936	ug/l	94
93) 1,2,4-Trichlorobenzene	15.032	180	30415	21.857	ug/l	97
94) Hexachlorobutadiene	15.135	225	18702	21.454	ug/l	100
95) Naphthalene	15.257	128	51361	21.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	24586	20.808	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

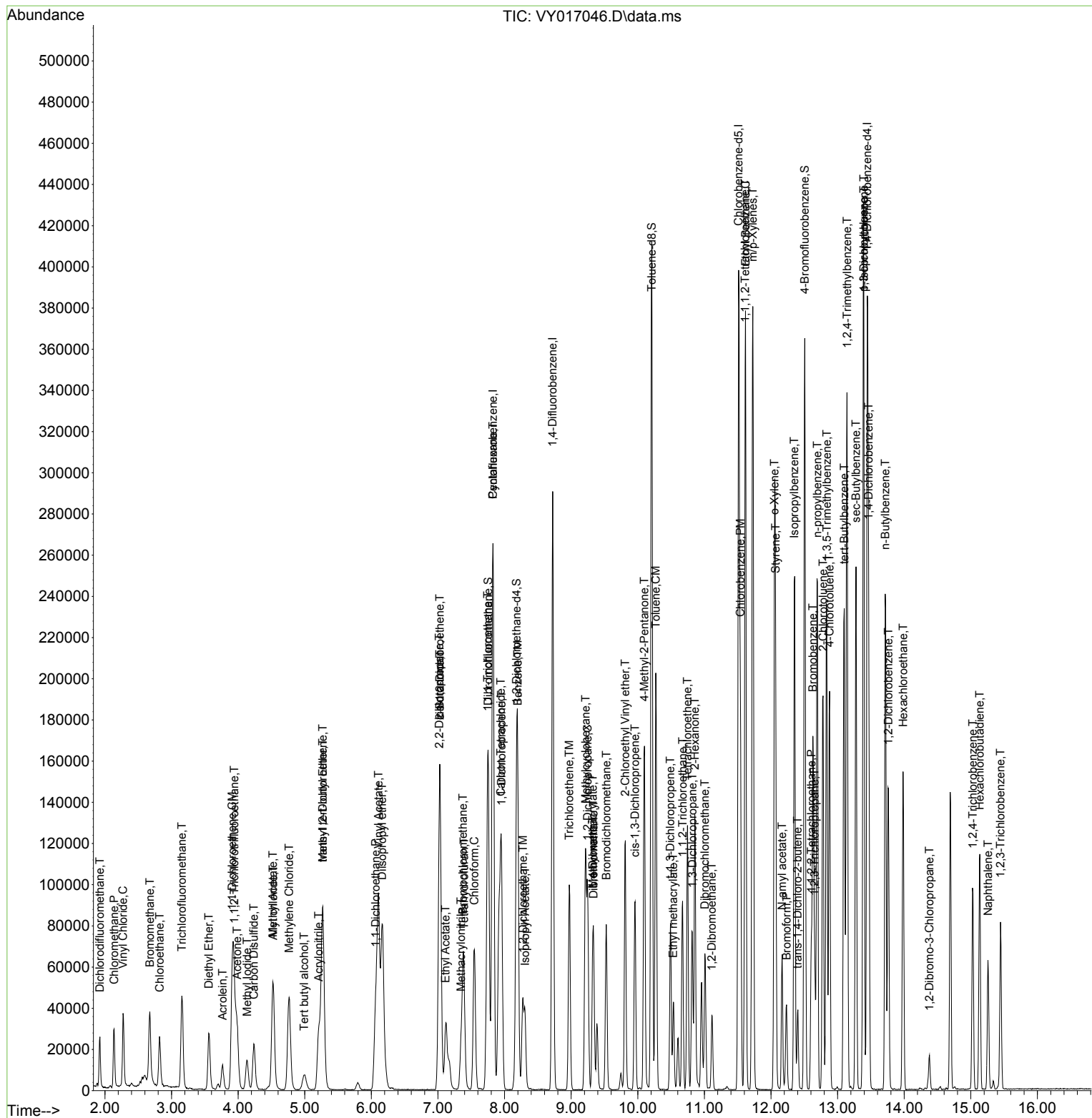
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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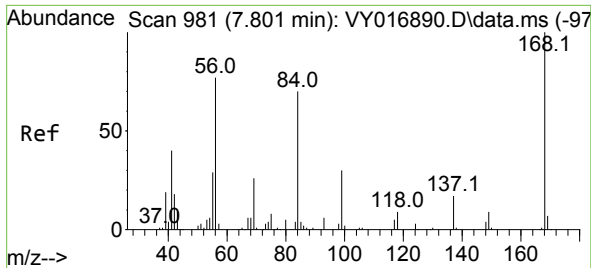
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VY017046.D
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 Operator : SY/MD
 Sample : VY0119SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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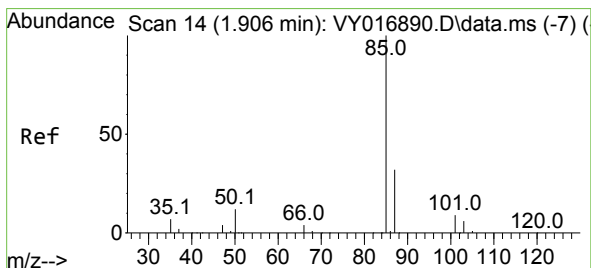
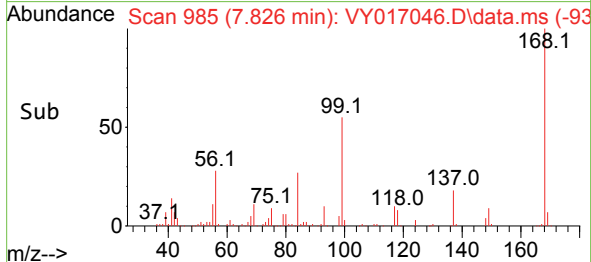
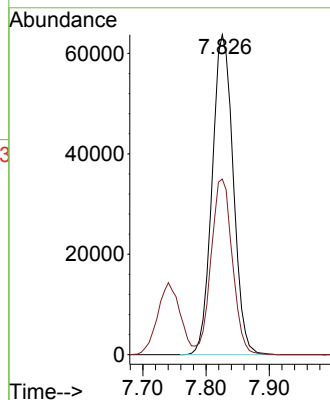
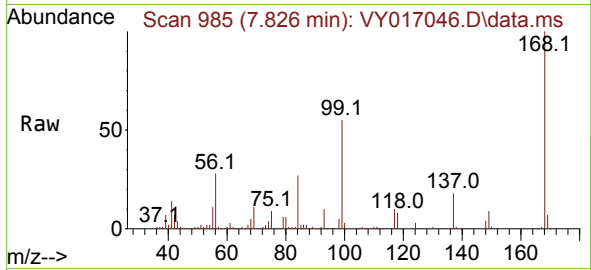




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017046.D
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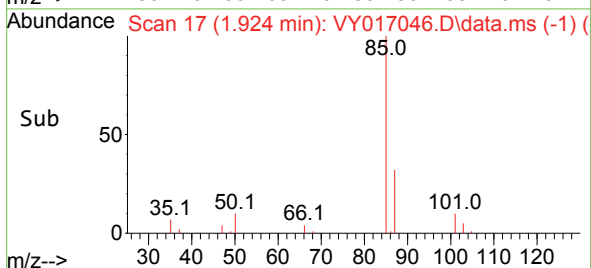
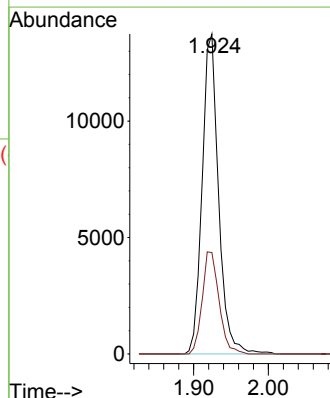
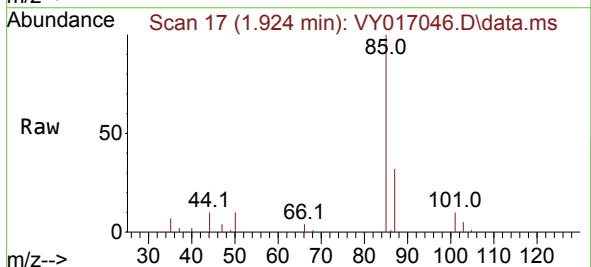
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

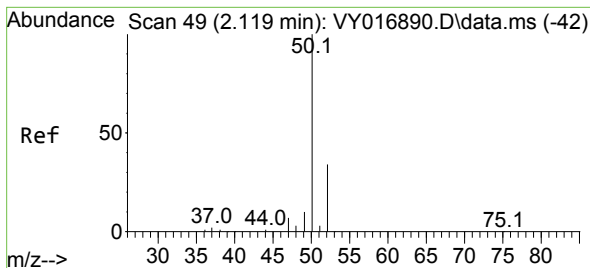
Tgt Ion:168 Resp: 147398
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 16.851 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.012 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 85 Resp: 20948
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3





#3

Chloromethane

Concen: 15.952 ug/l

RT: 2.138 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

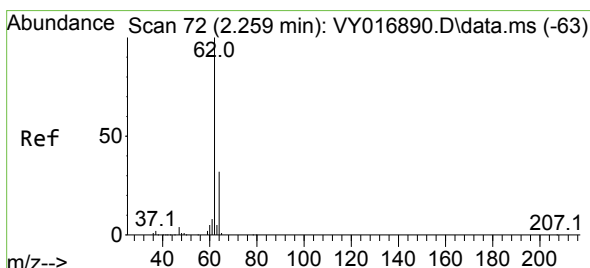
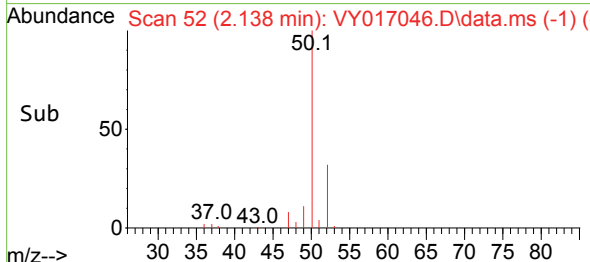
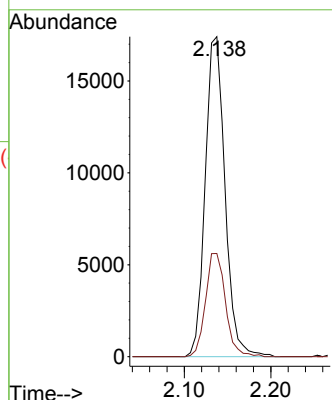
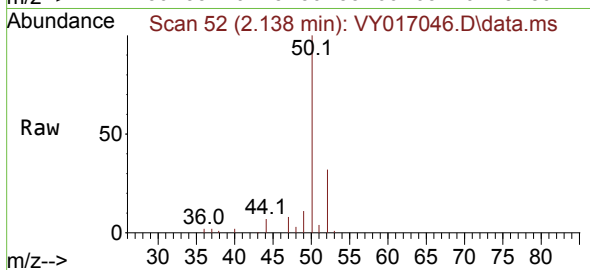
VY0119SBS01

Tgt Ion: 50 Resp: 27621

Ion Ratio Lower Upper

50 100

52 32.2 26.7 40.1



#4

Vinyl Chloride

Concen: 17.026 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY017046.D

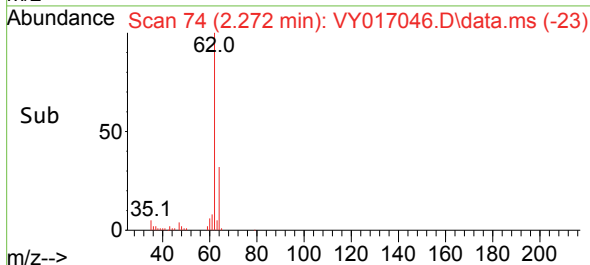
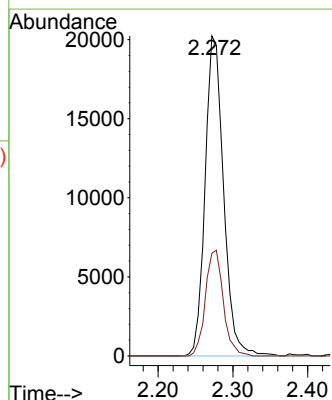
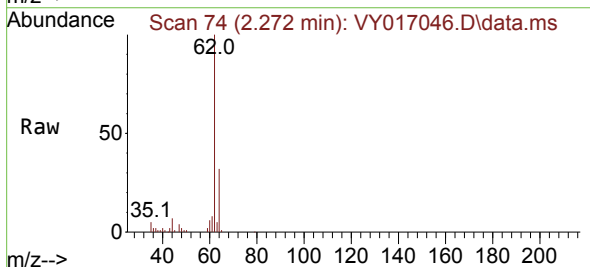
Acq: 19 Jan 2024 11:02

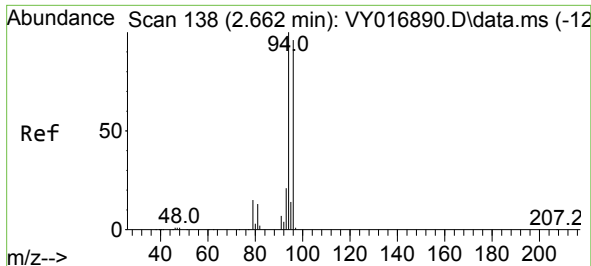
Tgt Ion: 62 Resp: 34773

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 18.337 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

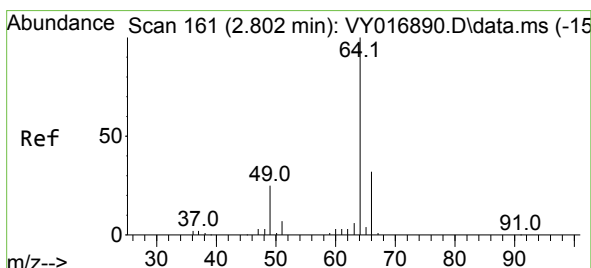
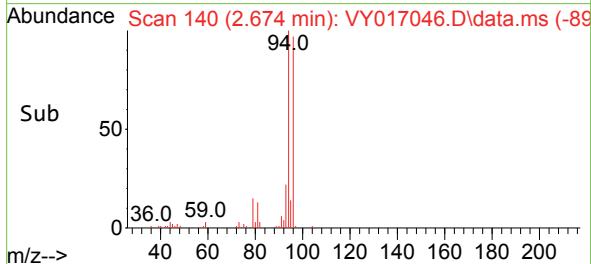
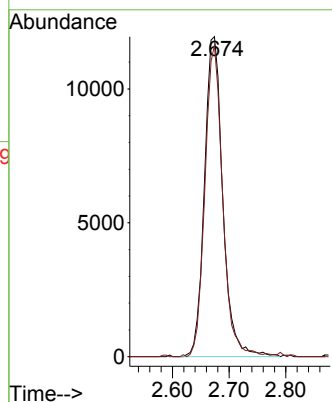
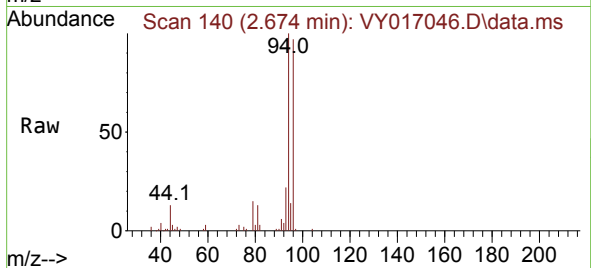
VY0119SBSD01

Tgt Ion: 94 Resp: 26831

Ion Ratio Lower Upper

94 100

96 97.3 77.3 115.9



#6

Chloroethane

Concen: 18.216 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017046.D

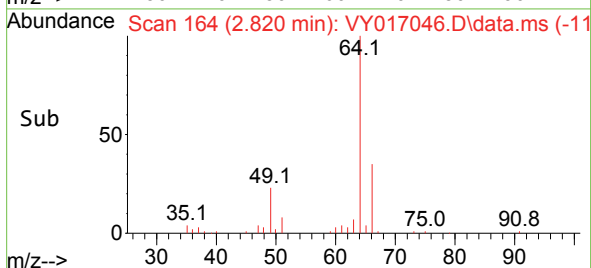
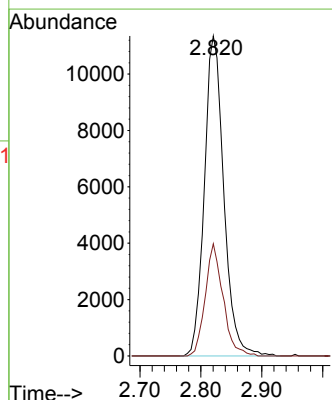
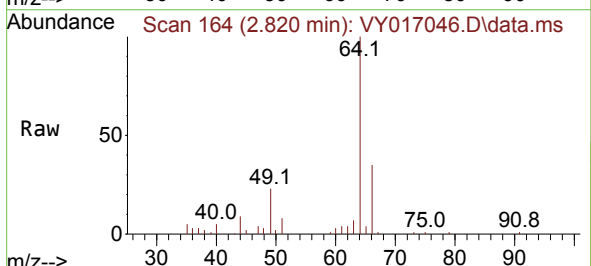
Acq: 19 Jan 2024 11:02

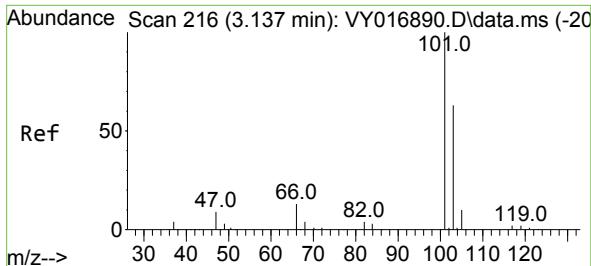
Tgt Ion: 64 Resp: 25167

Ion Ratio Lower Upper

64 100

66 35.1 25.1 37.7

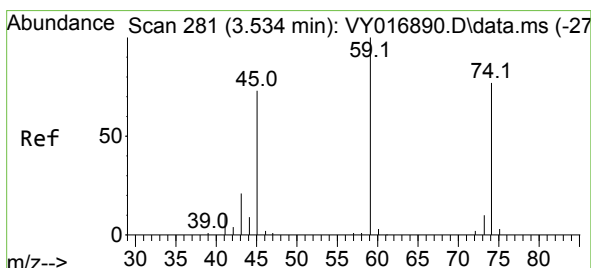
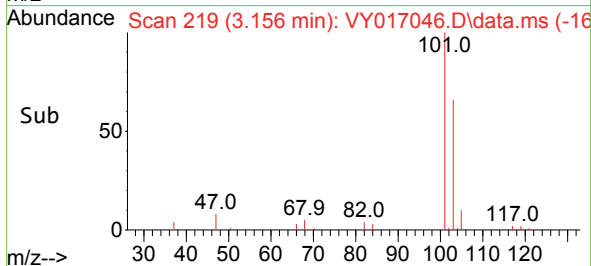
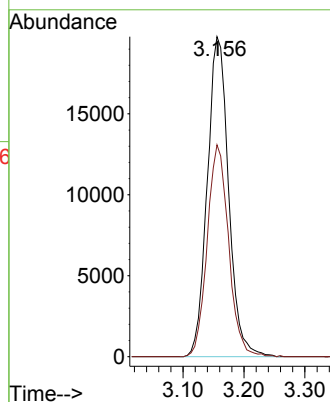
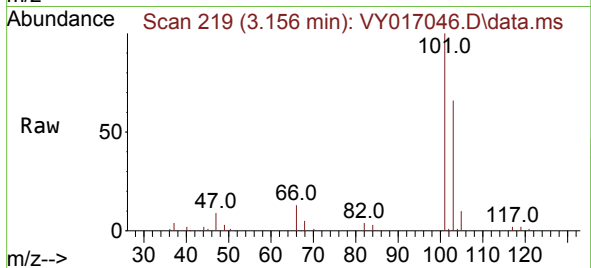




#7
Trichlorofluoromethane
Concen: 19.110 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.019 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

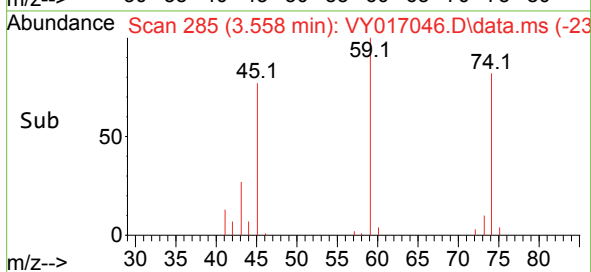
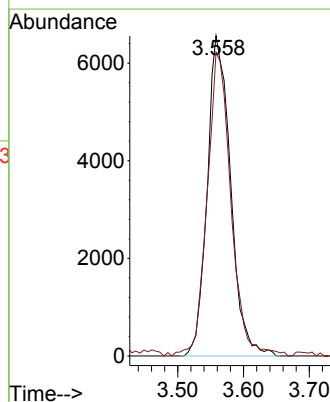
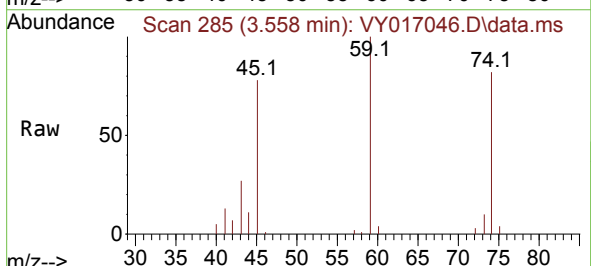
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

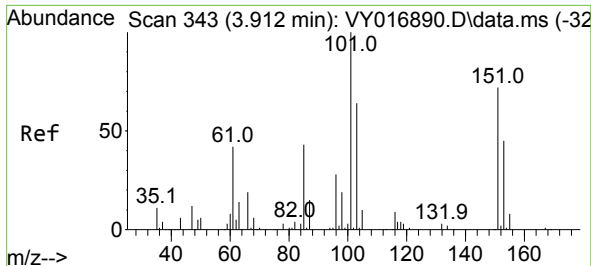
Tgt Ion:101 Resp: 48090
Ion Ratio Lower Upper
101 100
103 66.2 51.9 77.9



#8
Diethyl Ether
Concen: 20.150 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 74 Resp: 16205
Ion Ratio Lower Upper
74 100
45 96.6 47.9 143.7

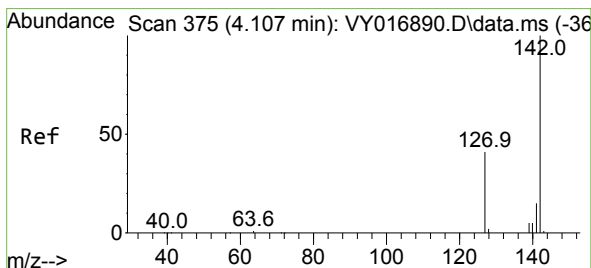
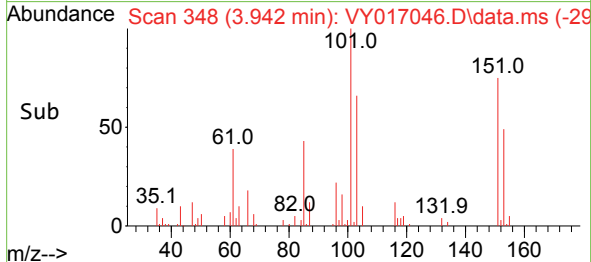
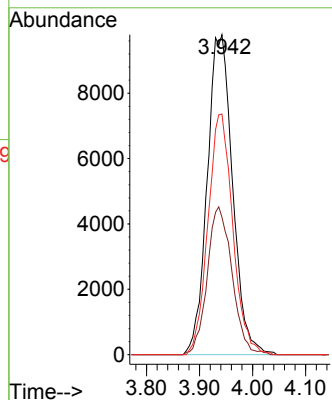
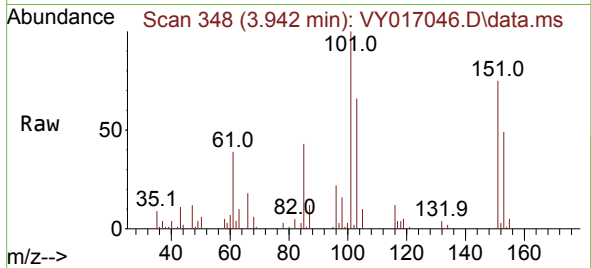




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.893 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.031 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

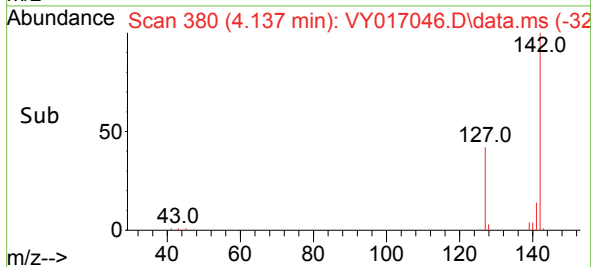
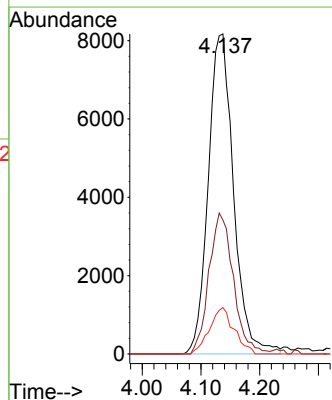
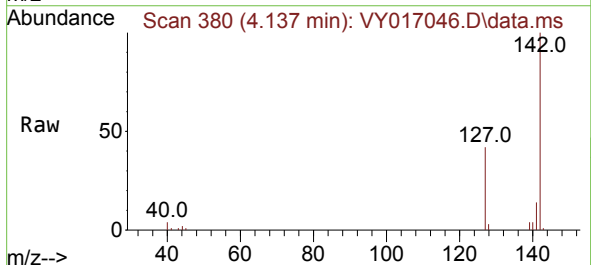
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

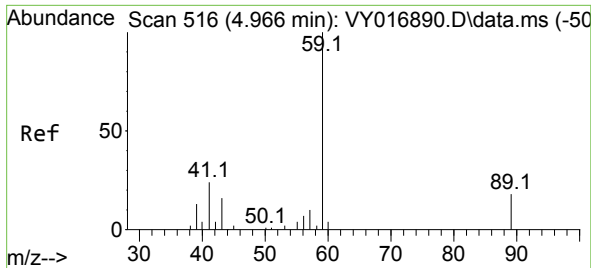
Tgt Ion:101 Resp: 32550
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 73.5 58.6 88.0



#10
Methyl Iodide
Concen: 17.549 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.031 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion:142 Resp: 24429
Ion Ratio Lower Upper
142 100
127 42.5 35.1 52.7
141 14.1 11.8 17.6

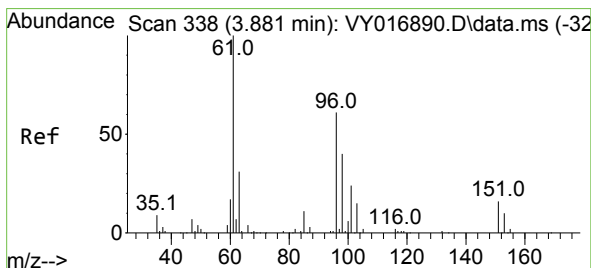
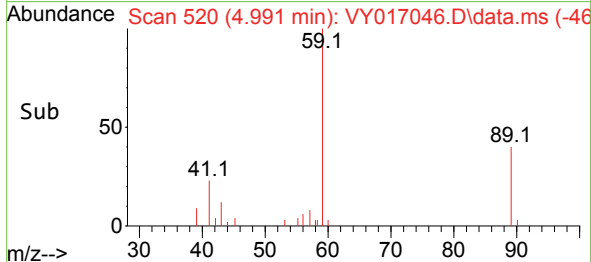
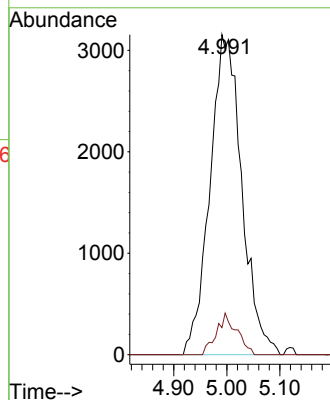
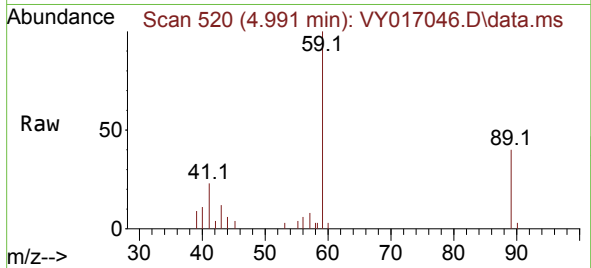




#11
Tert butyl alcohol
Concen: 104.599 ug/l
RT: 4.991 min Scan# 516
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

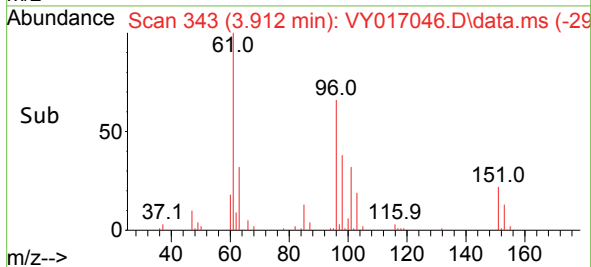
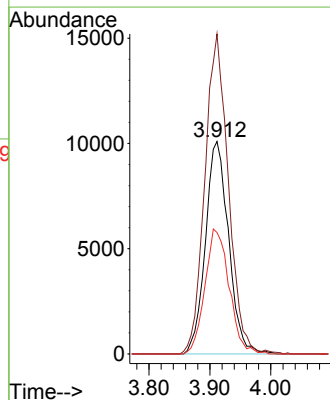
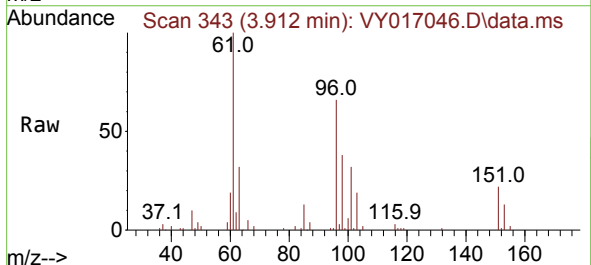
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

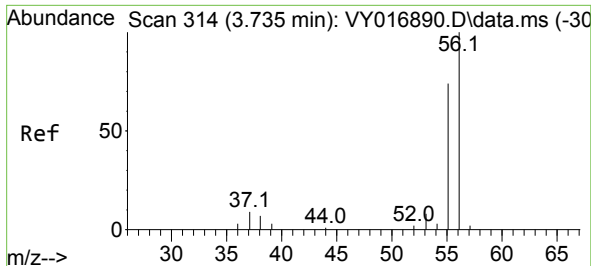
Tgt Ion: 59 Resp: 13132
Ion Ratio Lower Upper
59 100
57 8.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 19.027 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 96 Resp: 26712
Ion Ratio Lower Upper
96 100
61 150.6 124.2 186.2
98 57.2 52.6 79.0





#13

Acrolein

Concen: 84.912 ug/l

RT: 3.765 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

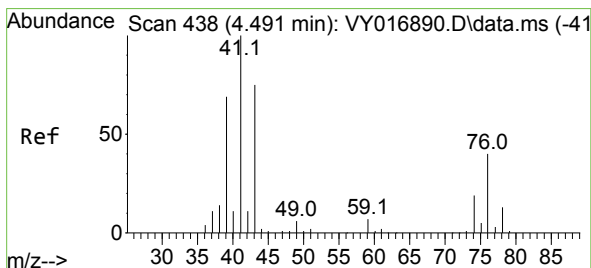
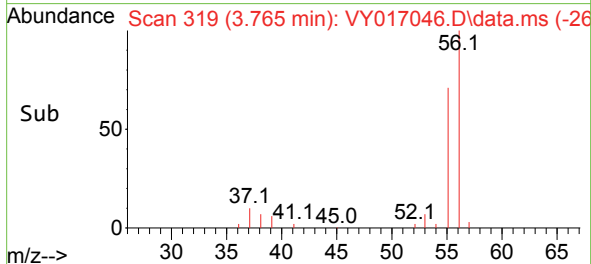
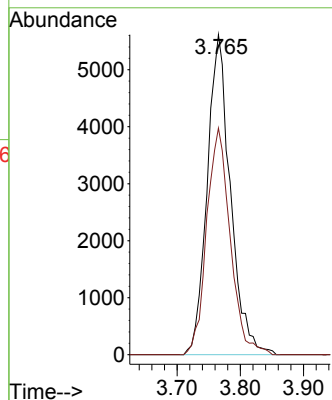
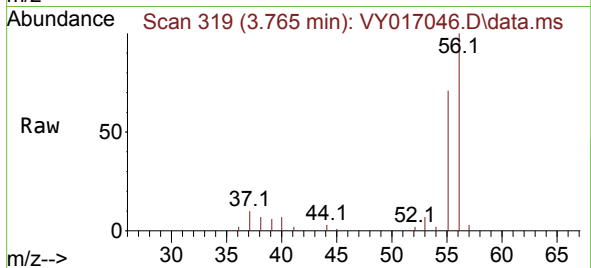
VY0119SBS01

Tgt Ion: 56 Resp: 14315

Ion Ratio Lower Upper

56 100

55 71.9 55.4 83.0



#14

Allyl chloride

Concen: 19.135 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.030 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

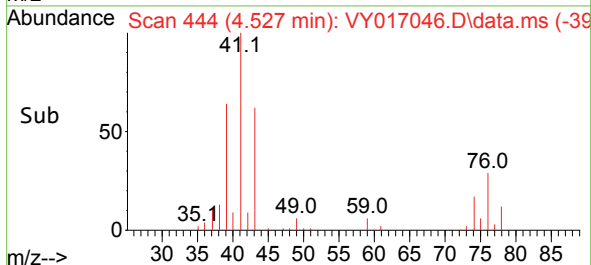
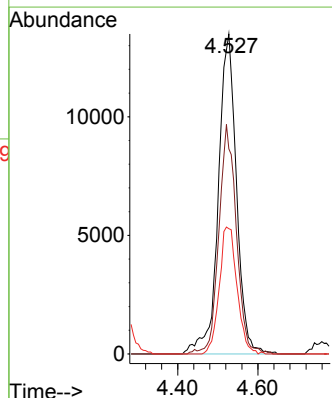
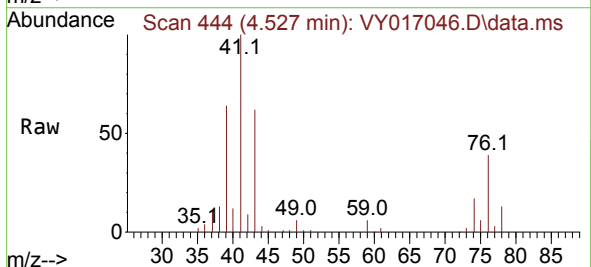
Tgt Ion: 41 Resp: 42469

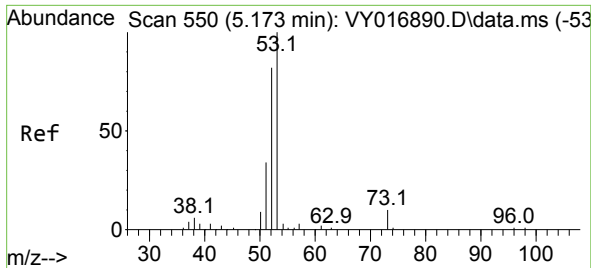
Ion Ratio Lower Upper

41 100

39 68.9 54.7 82.1

76 38.8 31.8 47.6

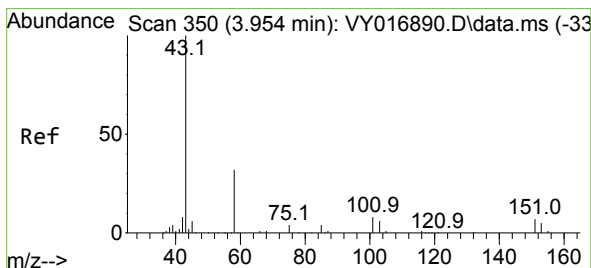
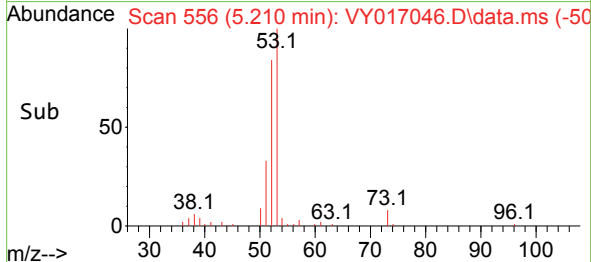
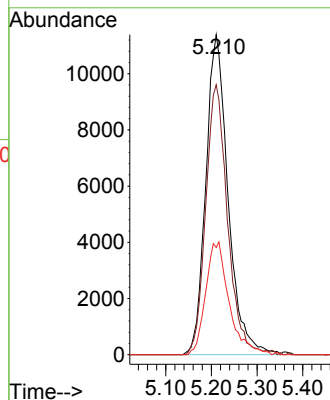
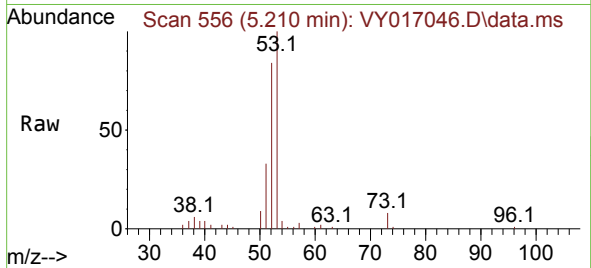




#15
Acrylonitrile
Concen: 102.444 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

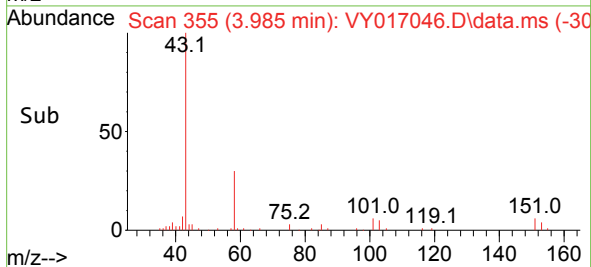
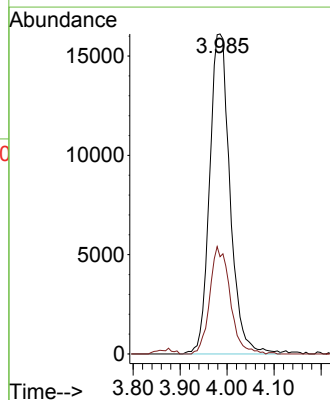
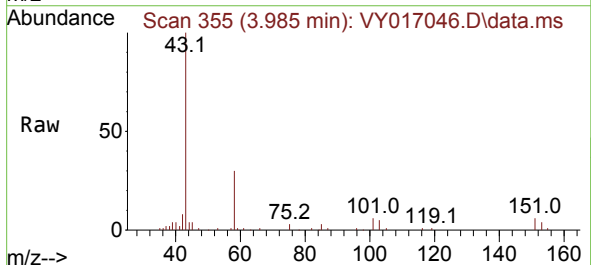
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

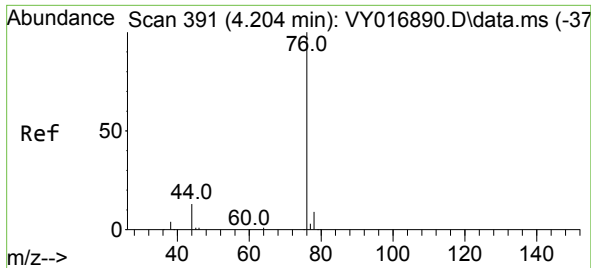
Tgt Ion:	53	Resp:	38537
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.1	97.7
51	37.0	29.0	43.4



#16
Acetone
Concen: 122.956 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion:	43	Resp:	48552
Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.6	39.8

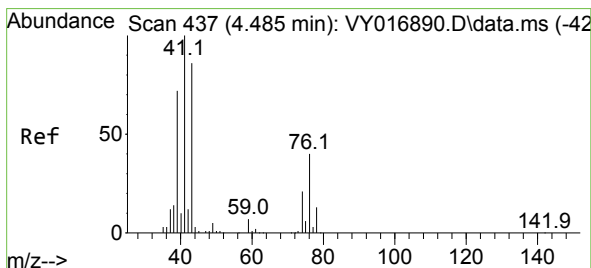
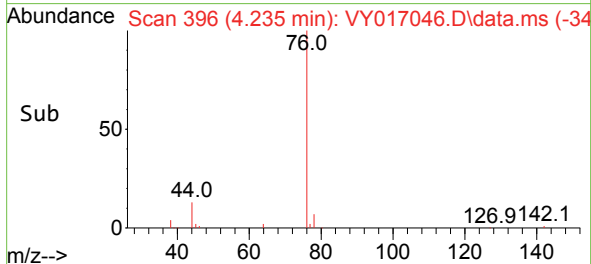
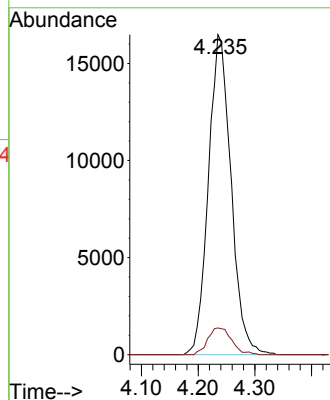
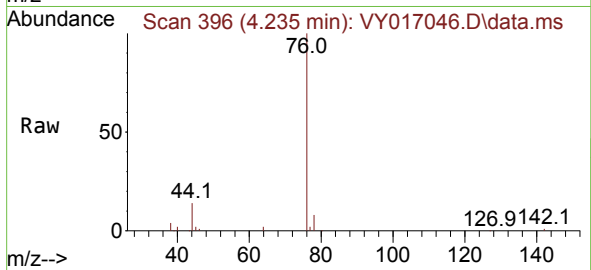




#17
Carbon Disulfide
Concen: 13.602 ug/l
RT: 4.235 min Scan# 391
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

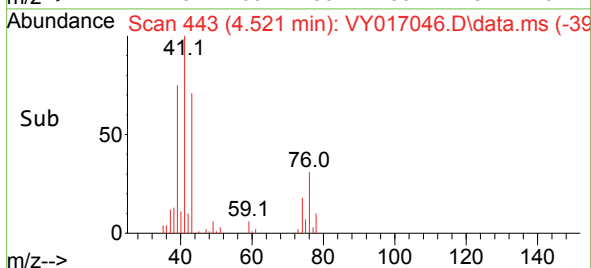
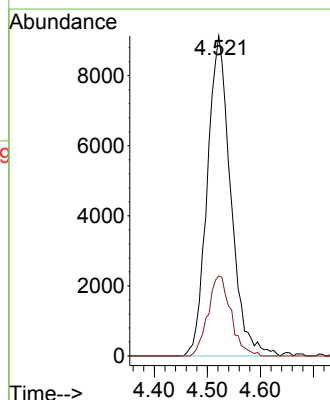
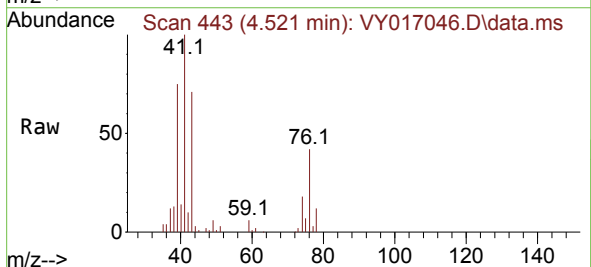
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

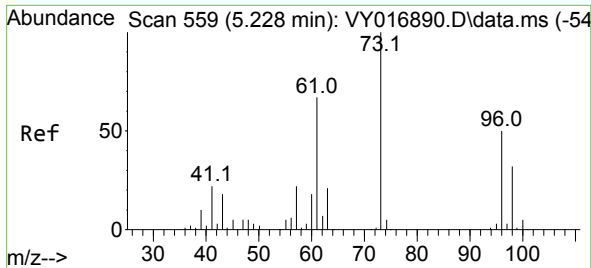
Tgt Ion: 76 Resp: 45627
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.941 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 43 Resp: 28002
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.6

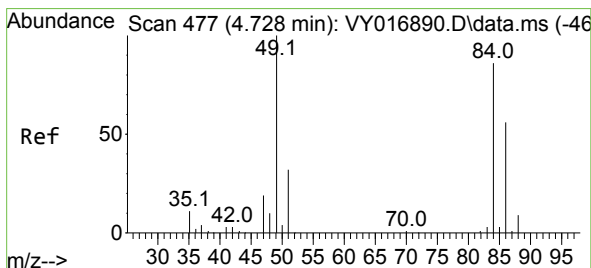
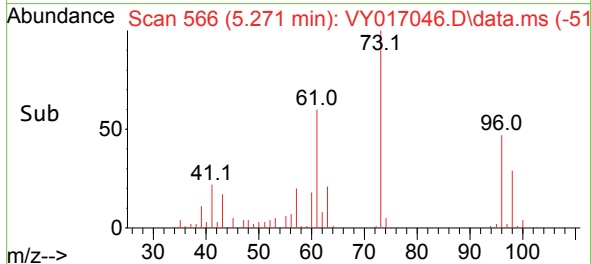
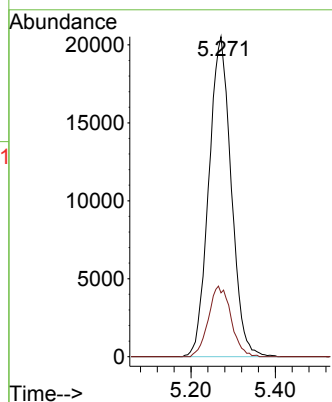
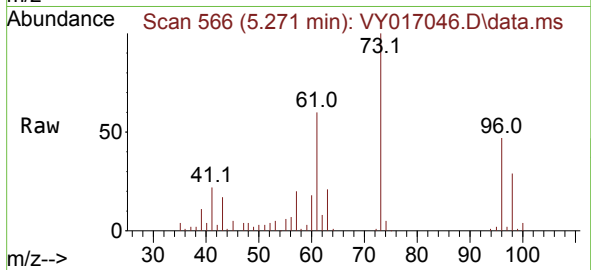




#19
Methyl tert-butyl Ether
Concen: 20.729 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

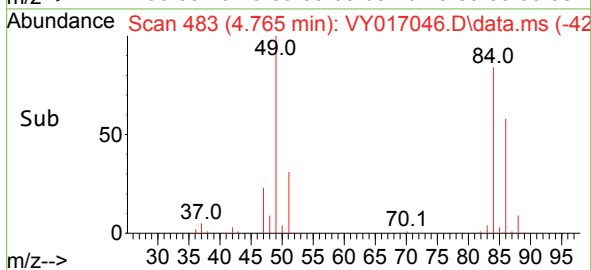
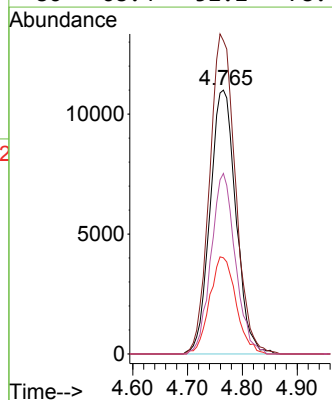
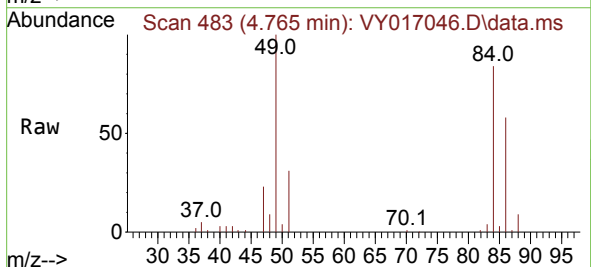
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

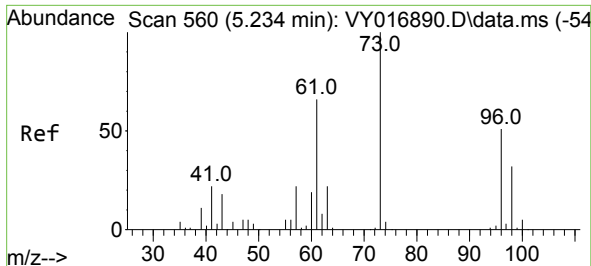
Tgt Ion: 73 Resp: 75711
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5



#20
Methylene Chloride
Concen: 13.549 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.031 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 84 Resp: 35984
Ion Ratio Lower Upper
84 100
49 118.7 95.2 142.8
51 36.5 29.9 44.9
86 68.4 52.2 78.4

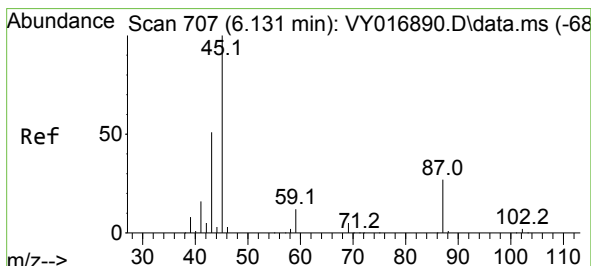
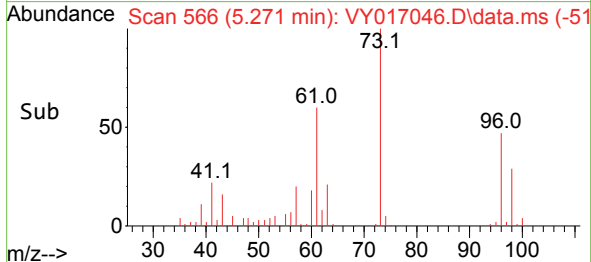
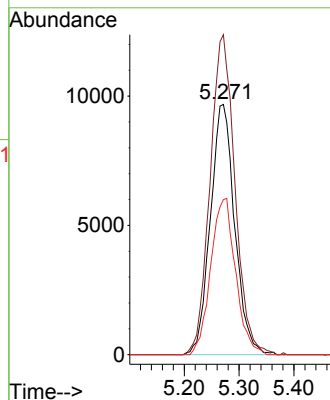
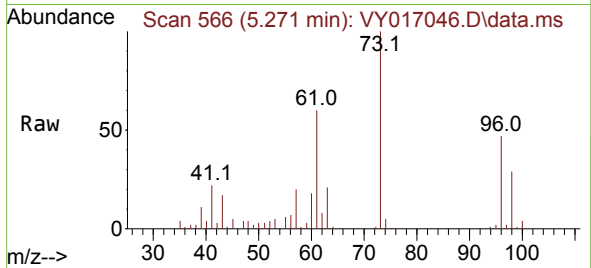




#21
trans-1,2-Dichloroethene
Concen: 18.571 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

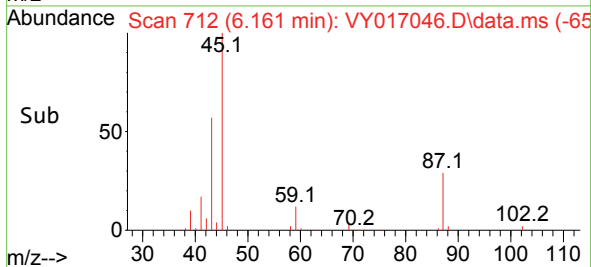
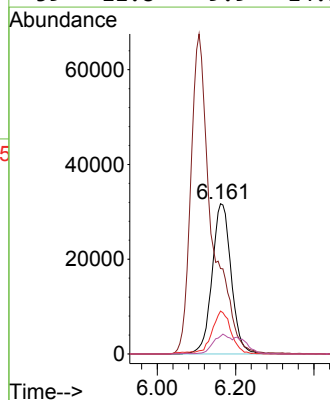
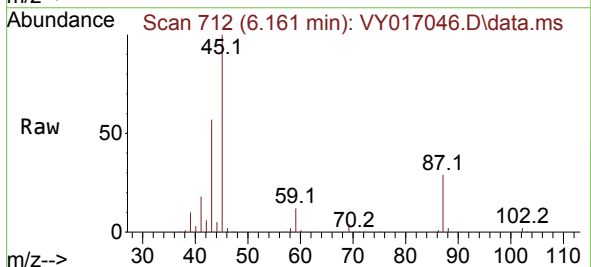
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

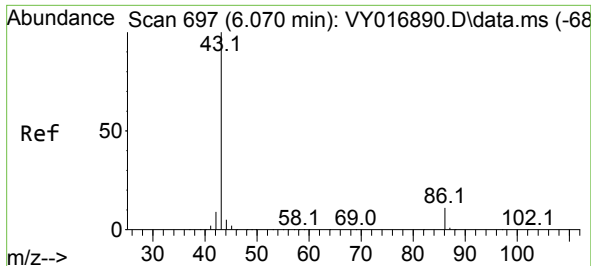
Tgt Ion: 96 Resp: 29860
Ion Ratio Lower Upper
96 100
61 127.8 104.6 156.8
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 20.917 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.030 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 45 Resp: 107328
Ion Ratio Lower Upper
45 100
43 56.2 46.8 70.2
87 28.6 22.2 33.2
59 11.8 9.9 14.9

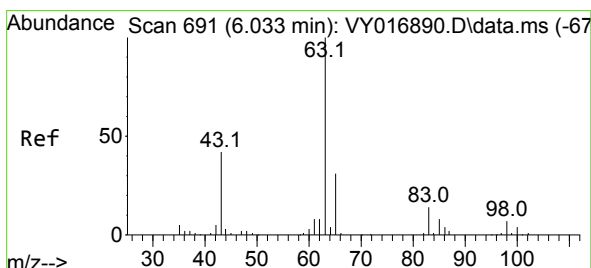
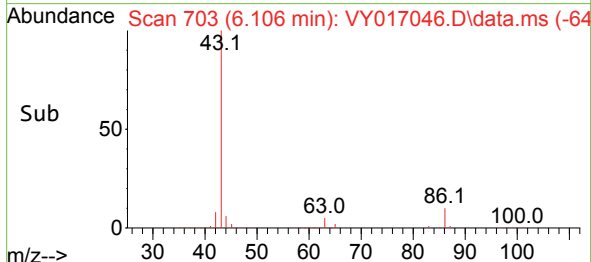
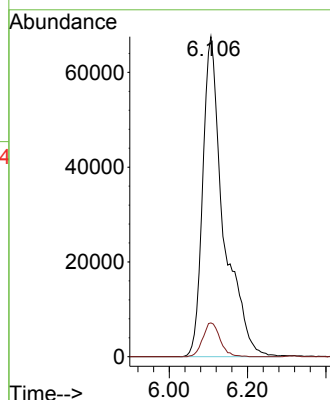
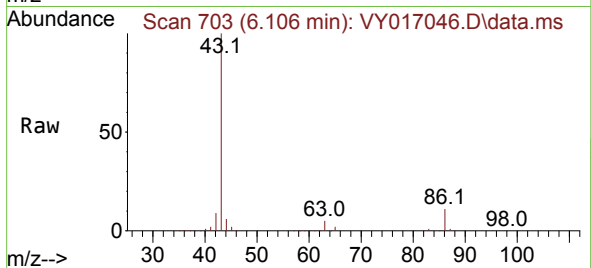




#23
 Vinyl Acetate
 Concen: 106.097 ug/l
 RT: 6.106 min Scan# 703
 Delta R.T. 0.030 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

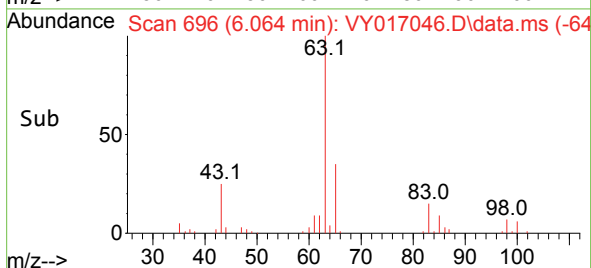
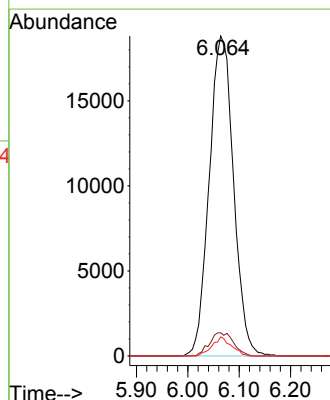
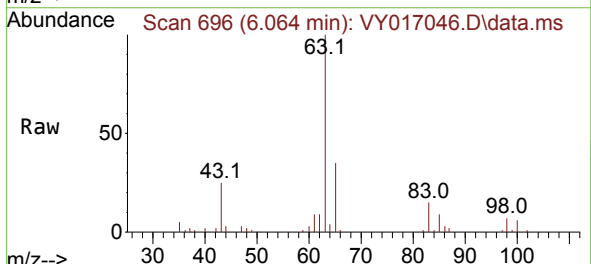
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

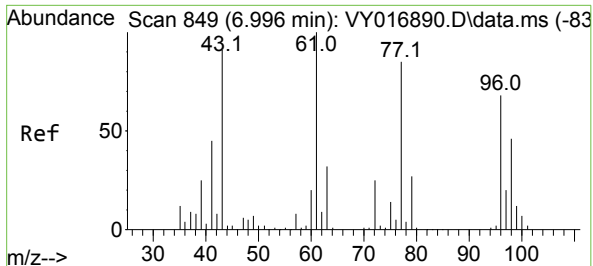
Tgt Ion: 43 Resp: 249618
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.027 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.031 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

Tgt Ion: 63 Resp: 61751
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 6.0 2.1 6.2





#25

2-Butanone

Concen: 117.302 ug/l

RT: 7.027 min Scan# 81

Delta R.T. 0.031 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

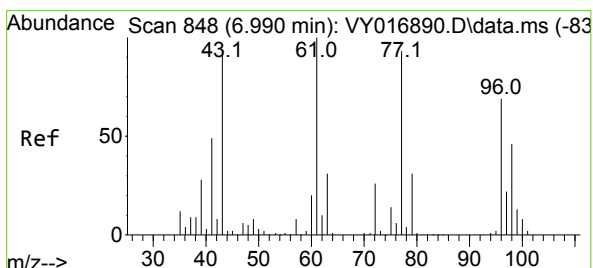
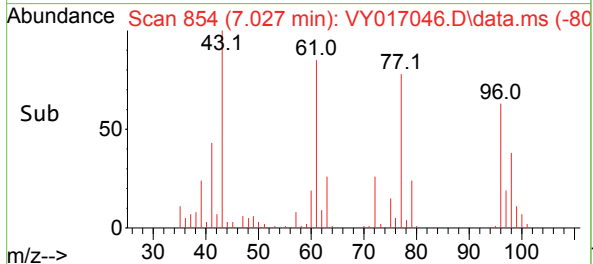
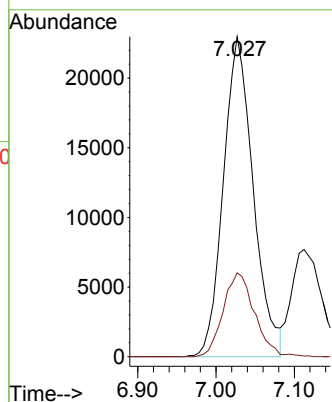
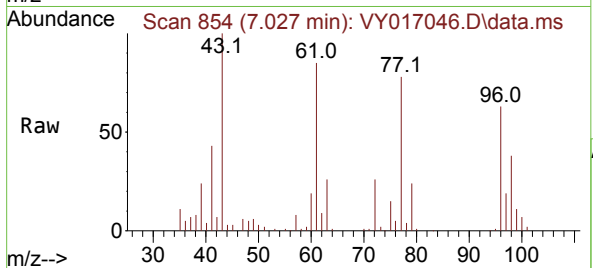
VY0119SBSD01

Tgt Ion: 43 Resp: 60876

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.425 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY017046.D

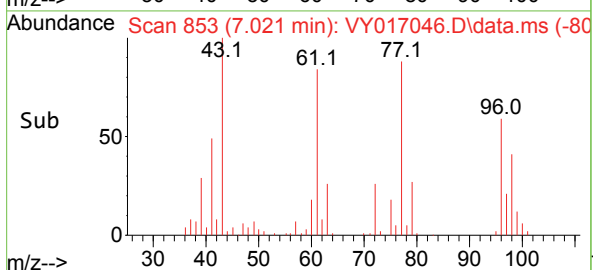
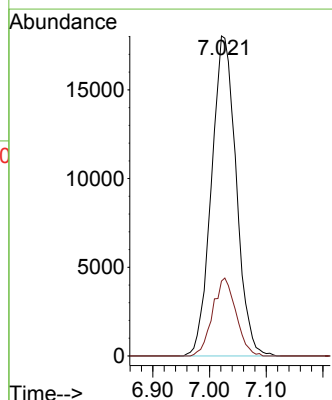
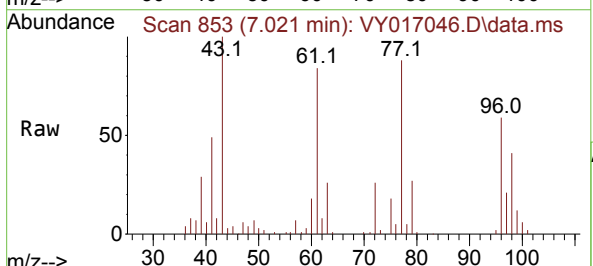
Acq: 19 Jan 2024 11:02

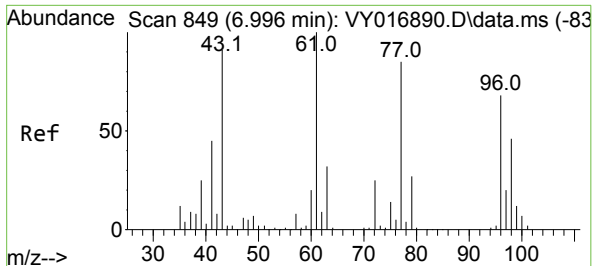
Tgt Ion: 77 Resp: 54607

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

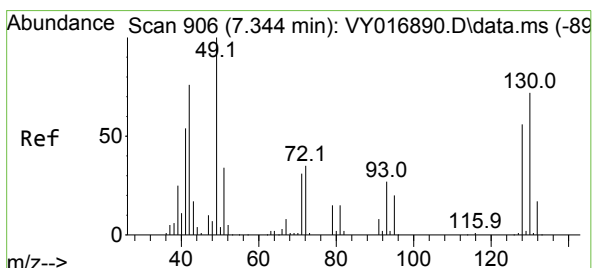
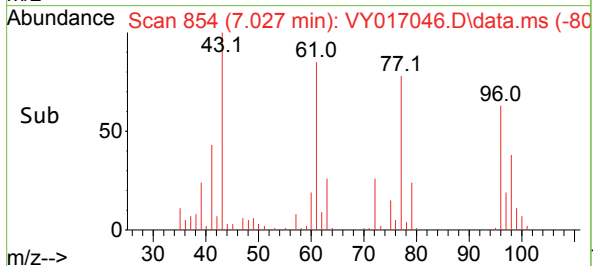
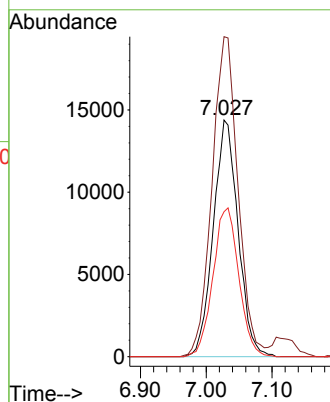
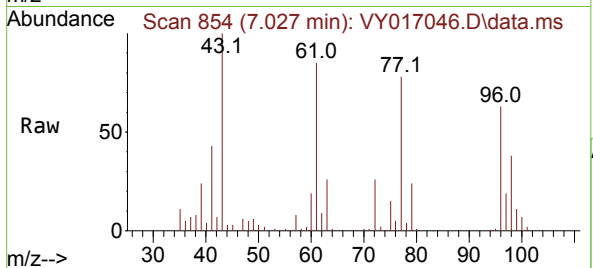




#27
 cis-1,2-Dichloroethene
 Concen: 20.060 ug/l
 RT: 7.027 min Scan# 81
 Delta R.T. 0.025 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

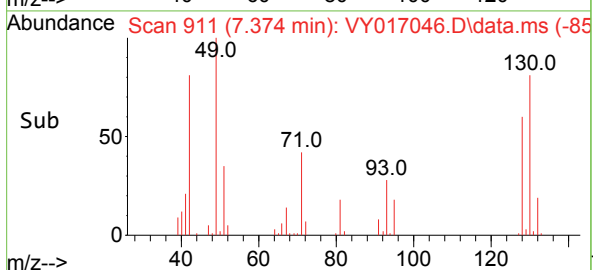
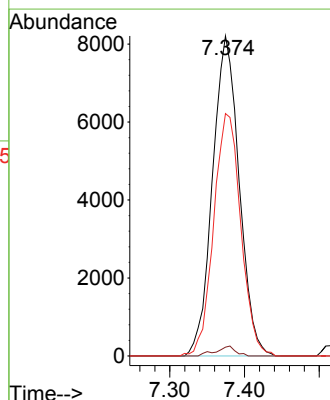
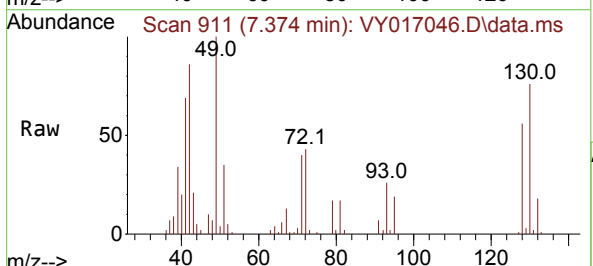
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

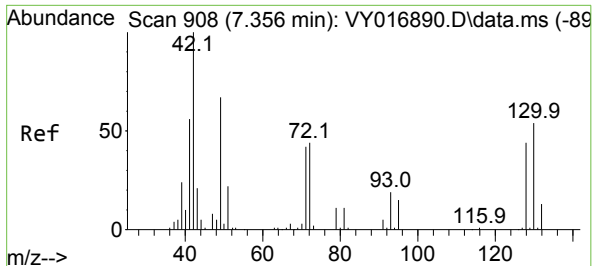
Tgt Ion: 96 Resp: 37810
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 278.8
 98 65.5 0.0 127.0



#28
 Bromochloromethane
 Concen: 17.592 ug/l
 RT: 7.374 min Scan# 911
 Delta R.T. 0.024 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

Tgt Ion: 49 Resp: 20364
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 77.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 100.788 ug/l

RT: 7.393 min Scan# 914

Delta R.T. 0.031 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

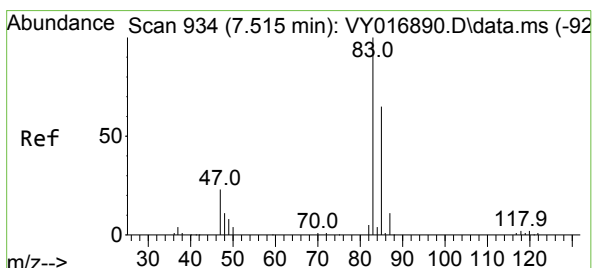
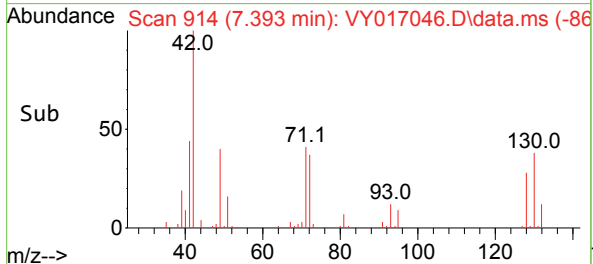
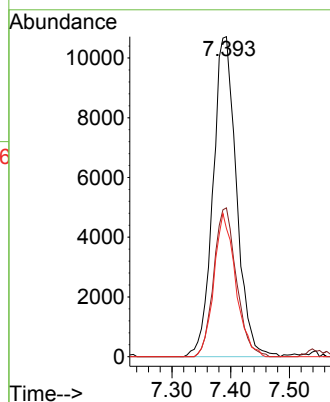
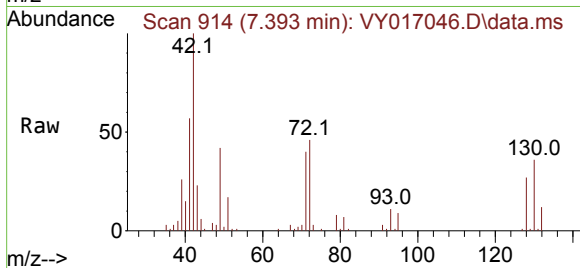
Tgt Ion: 42 Resp: 29718

Ion Ratio Lower Upper

42 100

72 45.0 36.6 54.8

71 41.3 33.8 50.6



#30

Chloroform

Concen: 20.884 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.024 min

Lab File: VY017046.D

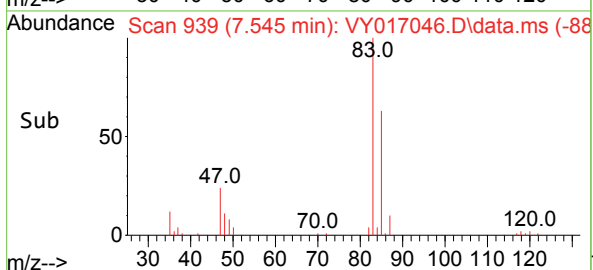
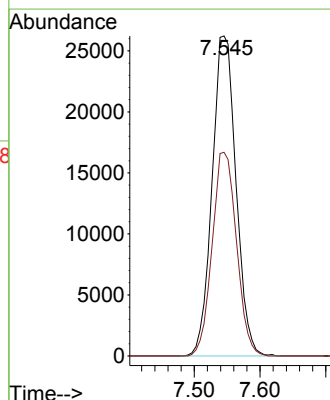
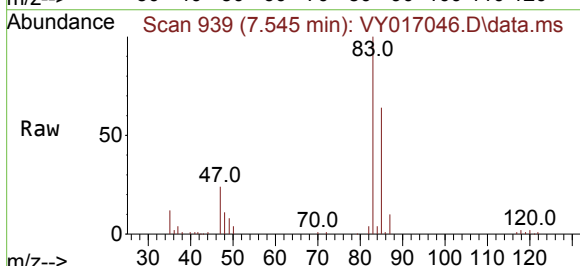
Acq: 19 Jan 2024 11:02

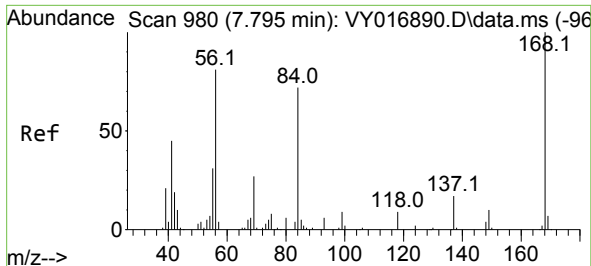
Tgt Ion: 83 Resp: 66358

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

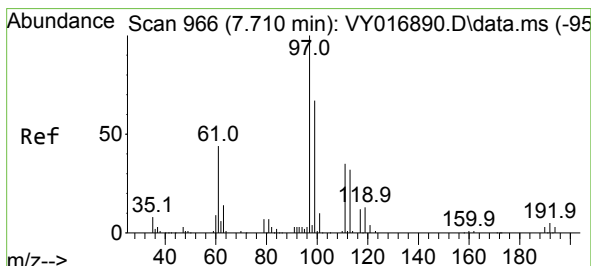
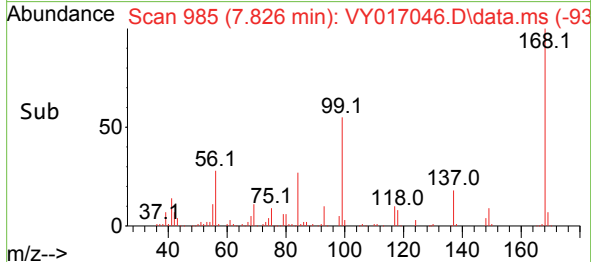
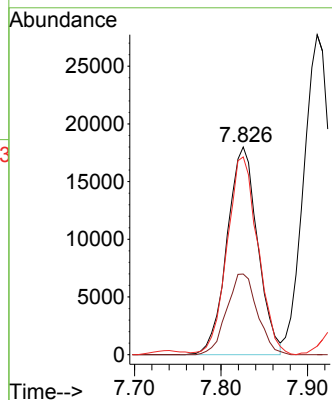
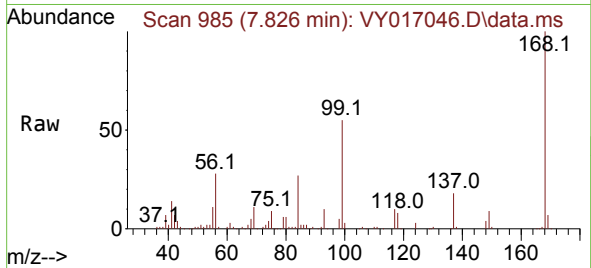




#31
Cyclohexane
Concen: 17.653 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

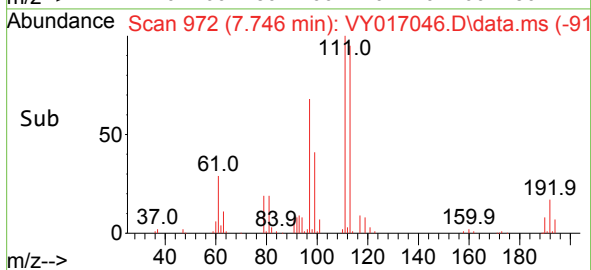
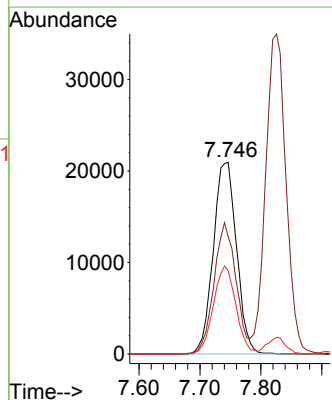
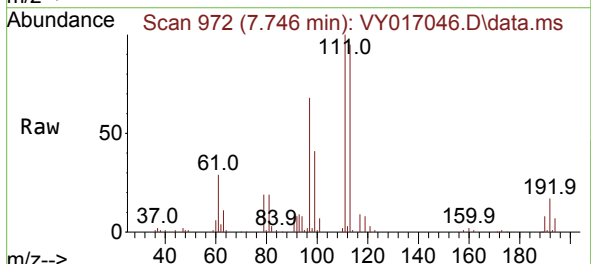
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

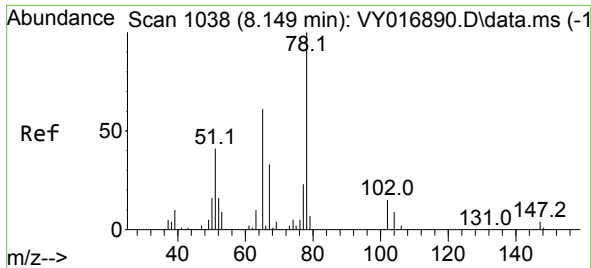
Tgt Ion: 56 Resp: 44139
Ion Ratio Lower Upper
56 100
69 38.8 27.0 40.6
84 93.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.613 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.030 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 97 Resp: 55535
Ion Ratio Lower Upper
97 100
99 65.3 51.2 76.8
61 44.4 35.0 52.6

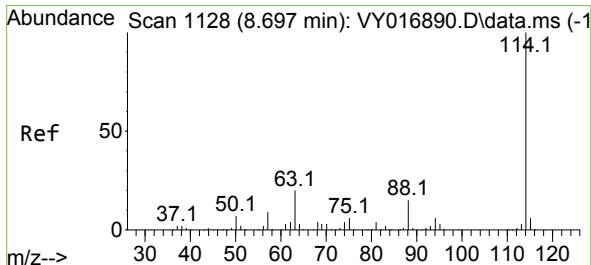
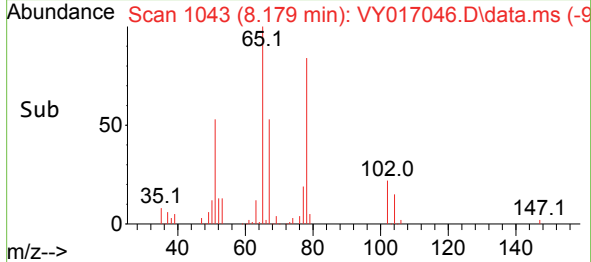
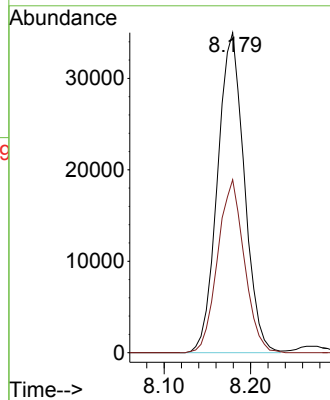
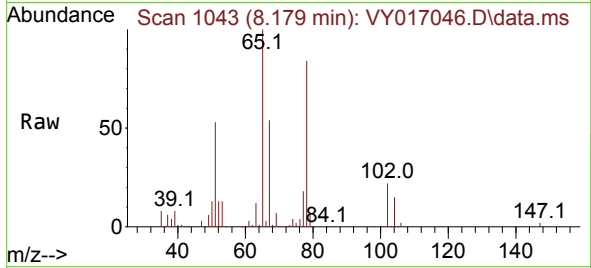




#33
 1,2-Dichloroethane-d4
 Concen: 51.507 ug/l
 RT: 8.179 min Scan# 1103
 Delta R.T. 0.024 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

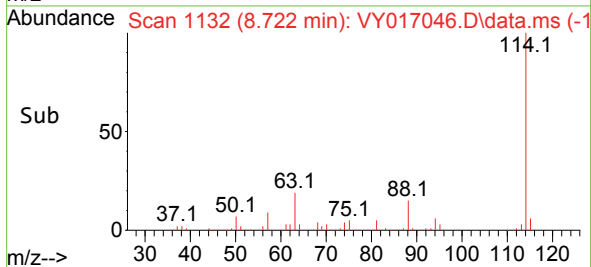
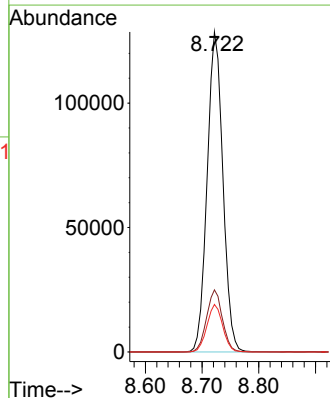
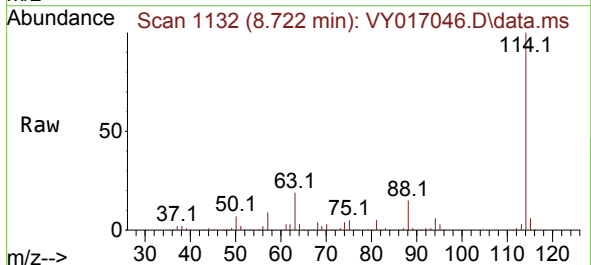
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBSD01

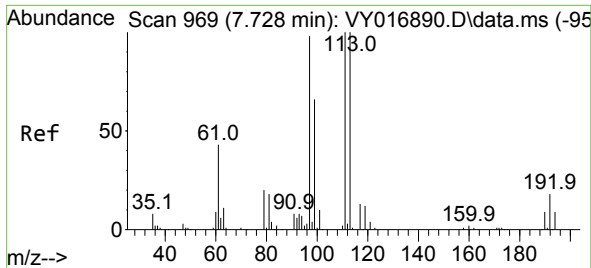
Tgt Ion: 65 Resp: 75036
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.019 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

Tgt Ion: 114 Resp: 248165
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.4
 88 14.8 0.0 29.0

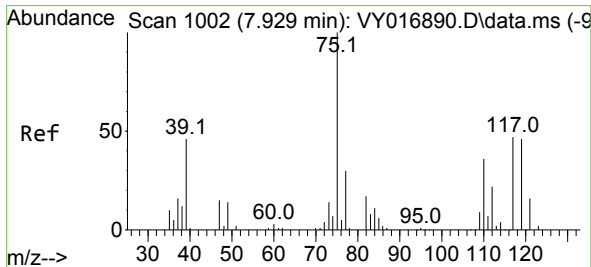
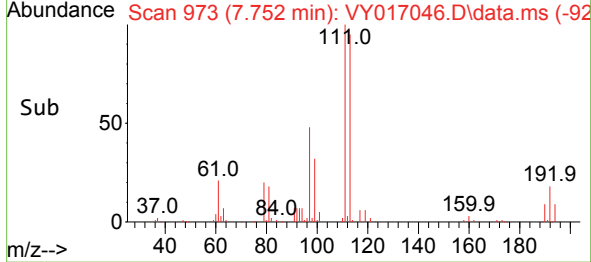
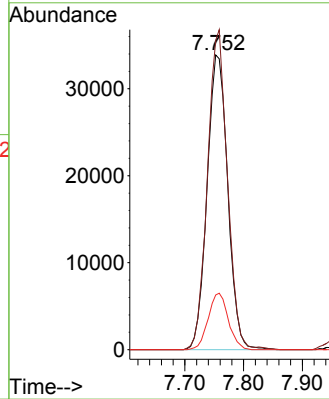
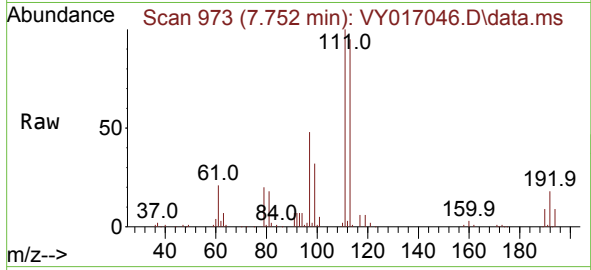




#35
Dibromofluoromethane
Concen: 52.349 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

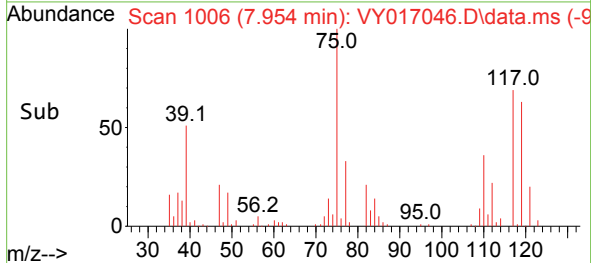
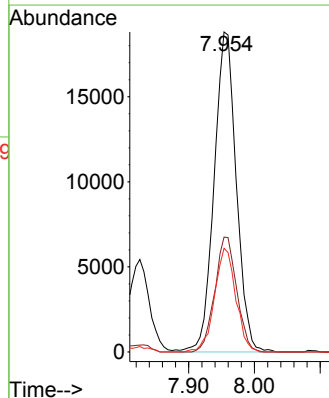
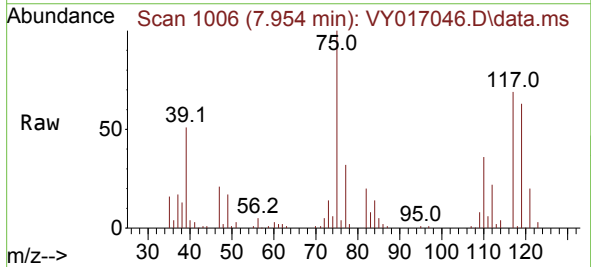
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

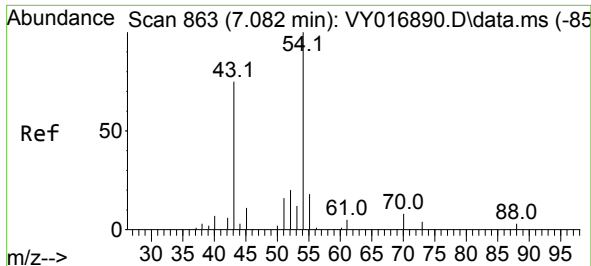
Tgt Ion:113 Resp: 82784
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 18.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.127 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 75 Resp: 44081
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 31.2 24.7 37.1

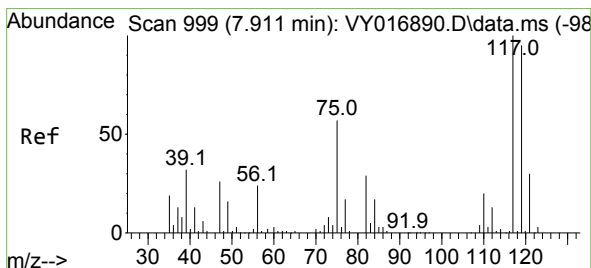
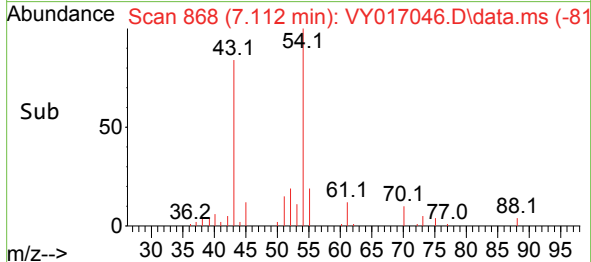
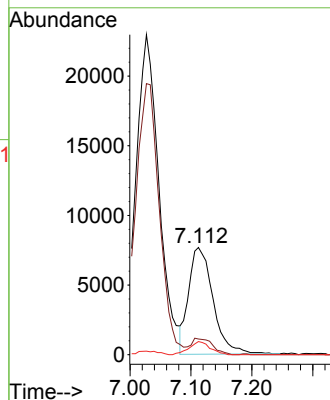
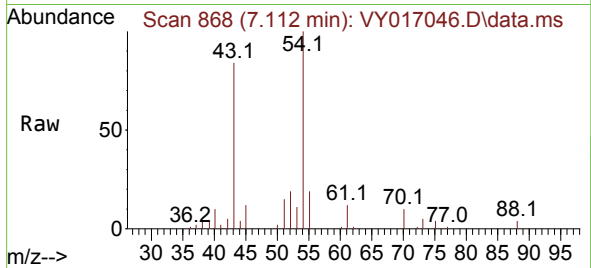




#37
Ethyl Acetate
Concen: 20.341 ug/l
RT: 7.112 min Scan# 80
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

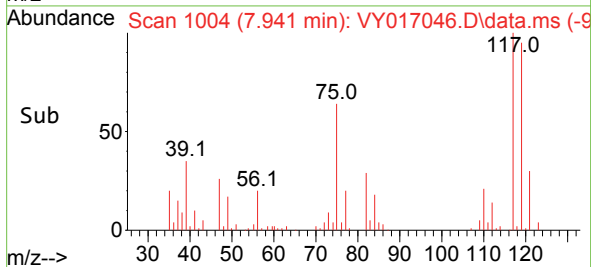
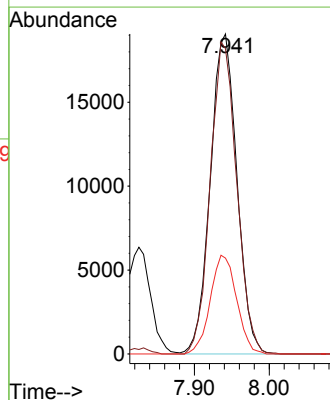
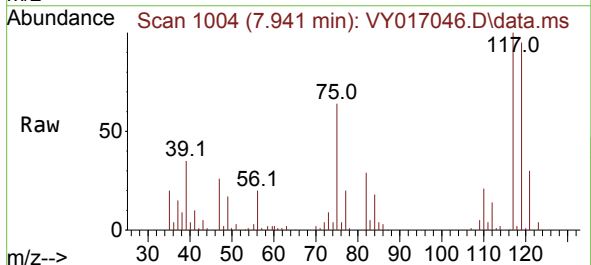
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

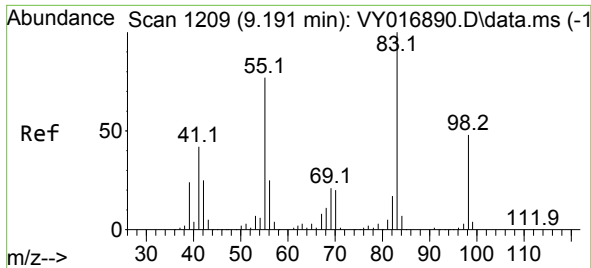
Tgt Ion: 43 Resp: 21304
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.189 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 117 Resp: 47273
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0
121 29.9 24.2 36.2

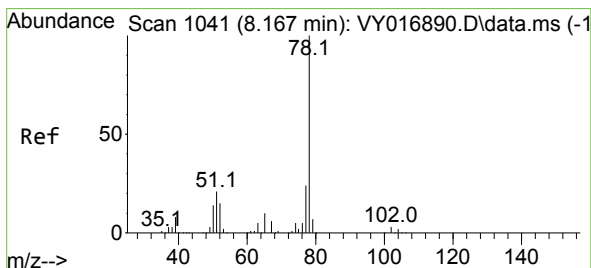
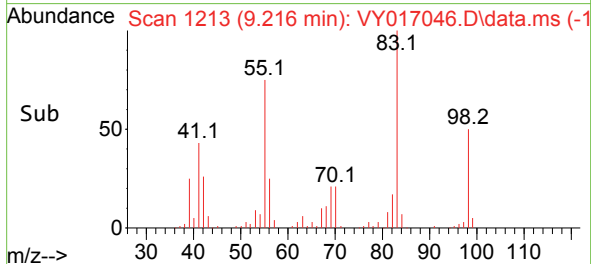
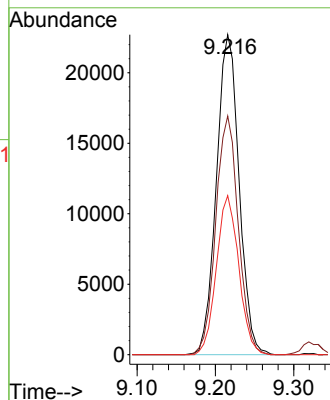
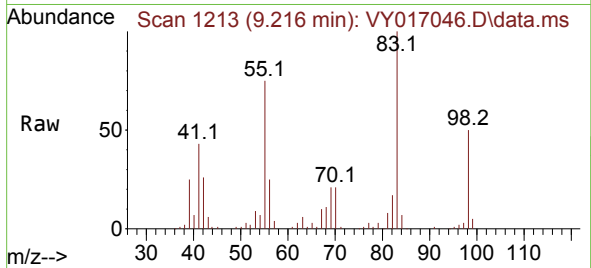




#39
Methylcyclohexane
Concen: 17.653 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

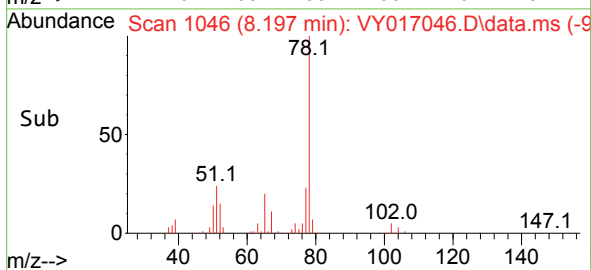
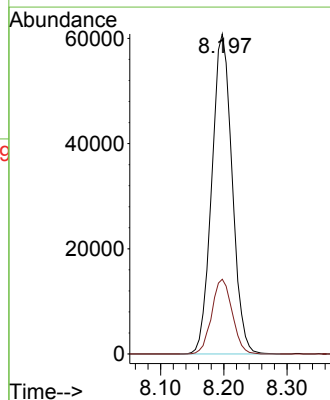
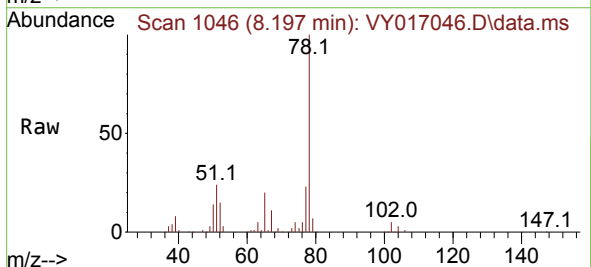
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

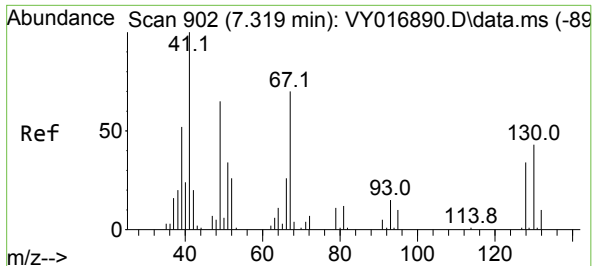
Tgt Ion: 83 Resp: 45736
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 49.7 38.0 57.0



#40
Benzene
Concen: 19.621 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 78 Resp: 135650
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2

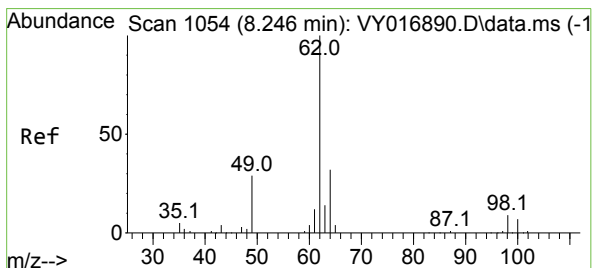
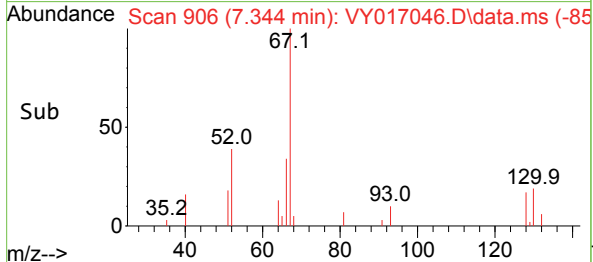
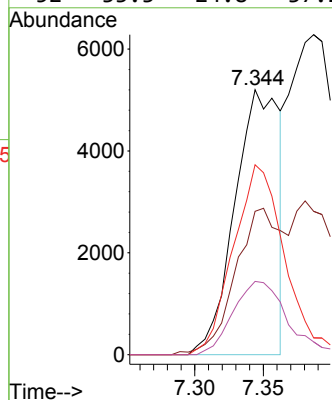
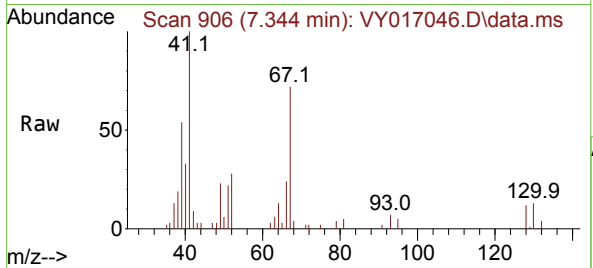




#41
Methacrylonitrile
Concen: 21.490 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

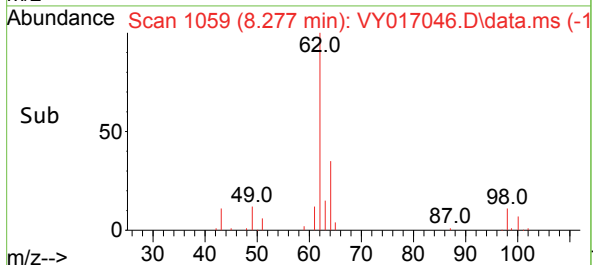
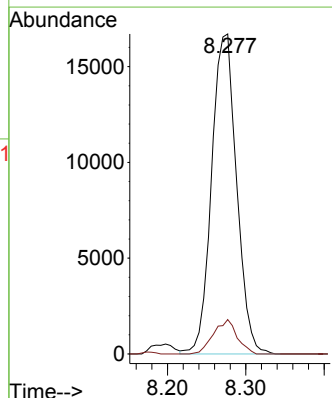
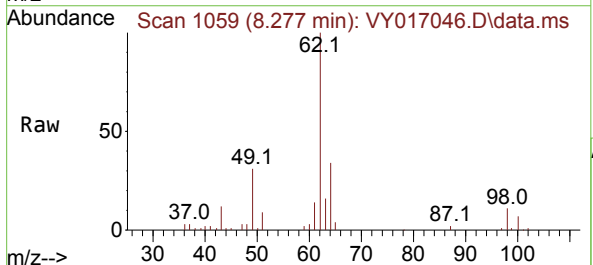
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

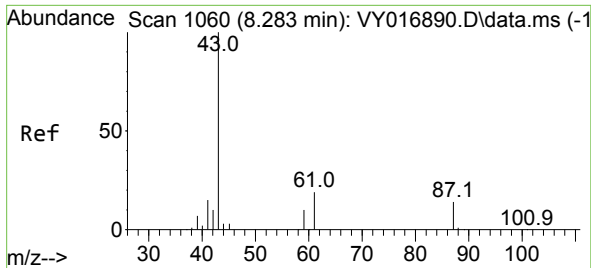
Tgt Ion: 41	Resp: 11854
Ion Ratio	Lower Upper
41 100	
39 60.8	41.9 62.9
67 82.1	59.8 89.6
52 33.3	24.8 37.2



#42
1,2-Dichloroethane
Concen: 20.193 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 62	Resp: 37061
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 20.2

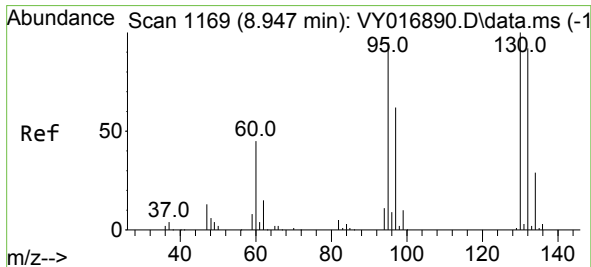
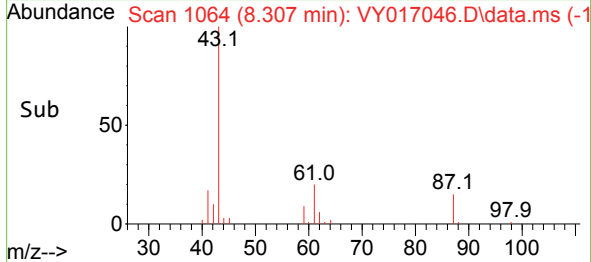
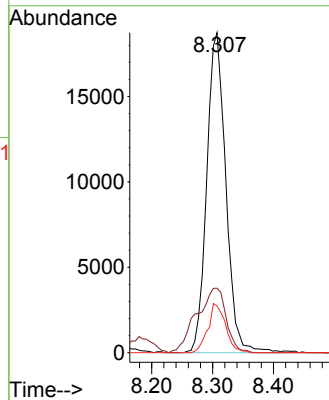
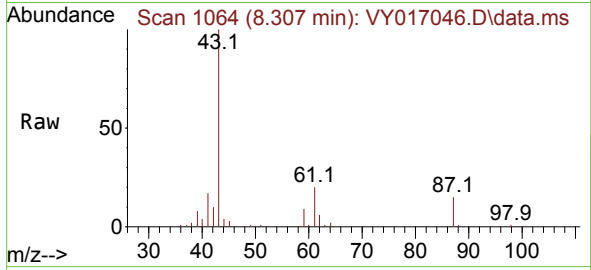




#43
Isopropyl Acetate
Concen: 20.349 ug/l
RT: 8.307 min Scan# 1173
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

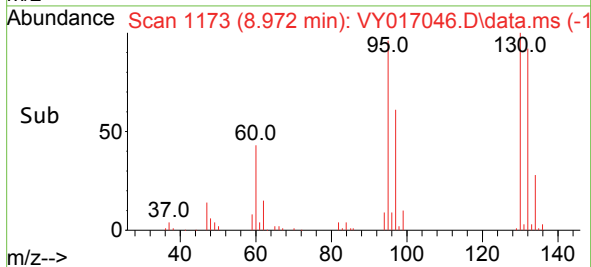
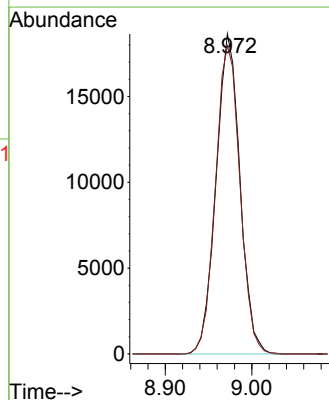
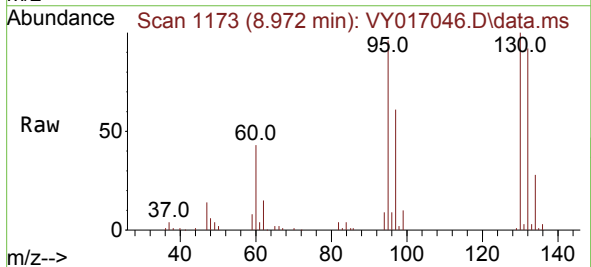
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

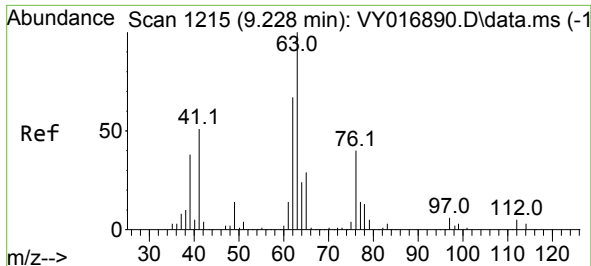
Tgt Ion: 43 Resp: 40812
Ion Ratio Lower Upper
43 100
61 31.2 24.8 37.2
87 14.2 10.7 16.1



#44
Trichloroethene
Concen: 20.281 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 130 Resp: 35679
Ion Ratio Lower Upper
130 100
95 96.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.531 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

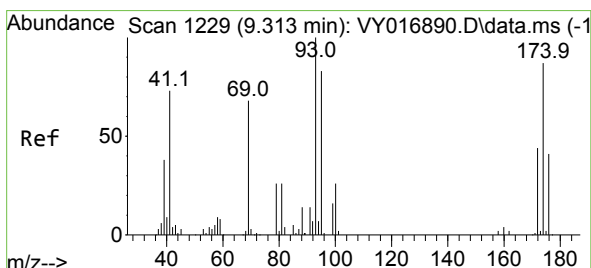
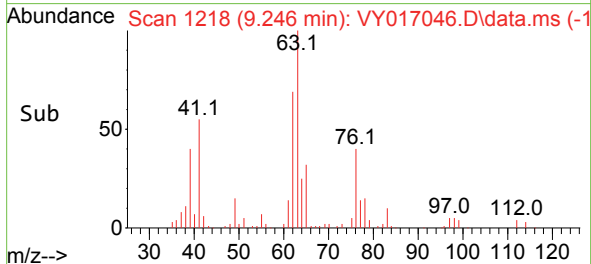
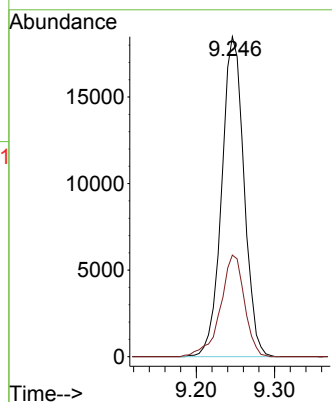
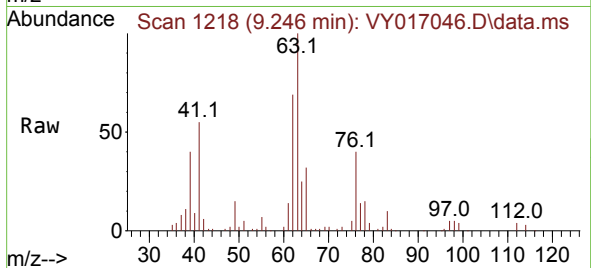
VY0119SBS01

Tgt Ion: 63 Resp: 36567

Ion Ratio Lower Upper

63 100

65 31.8 24.6 36.8



#46

Dibromomethane

Concen: 20.290 ug/l

RT: 9.338 min Scan# 1233

Delta R.T. 0.025 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

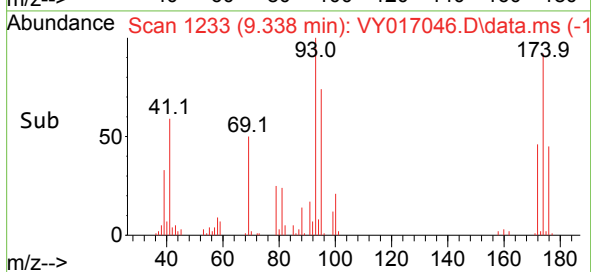
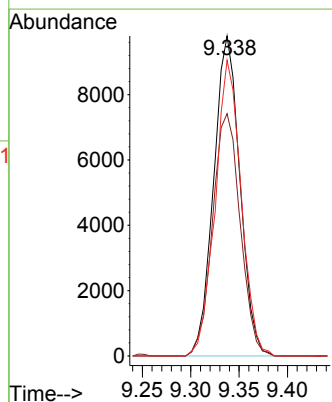
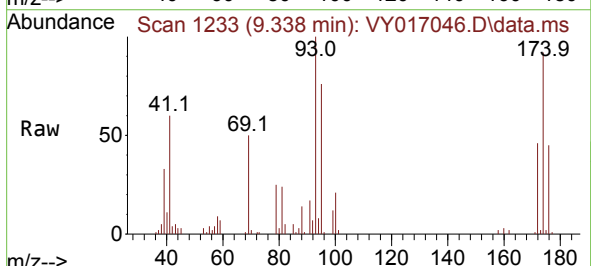
Tgt Ion: 93 Resp: 18431

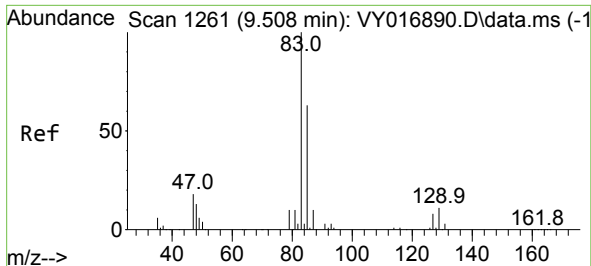
Ion Ratio Lower Upper

93 100

95 79.7 66.6 99.8

174 91.4 73.8 110.6

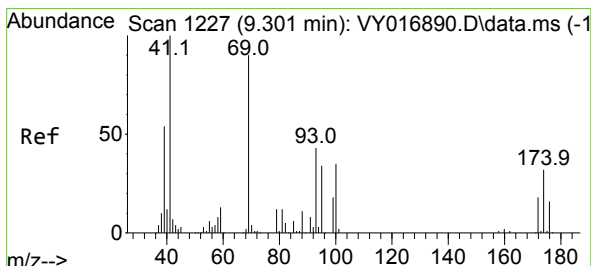
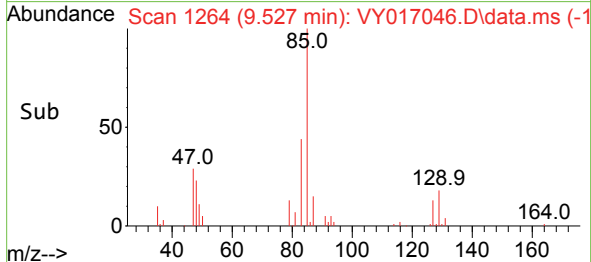
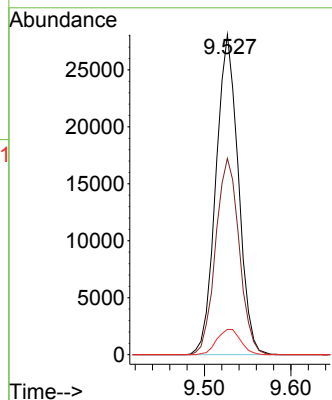
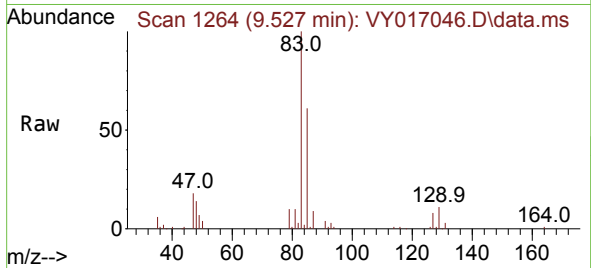




#47
Bromodichloromethane
Concen: 20.671 ug/l
RT: 9.527 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

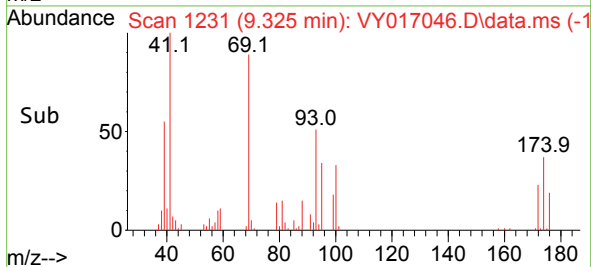
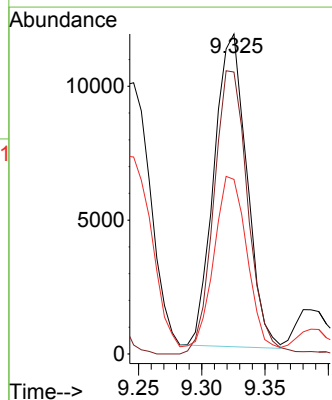
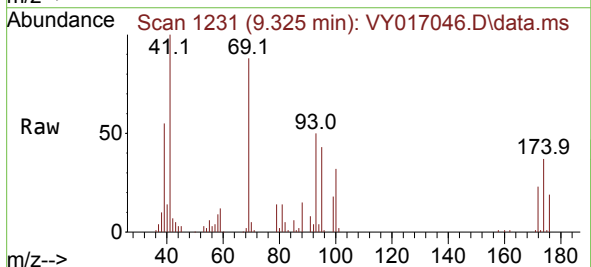
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

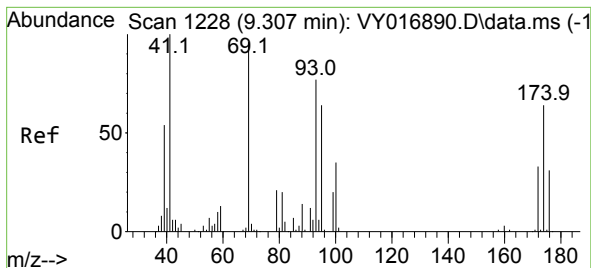
Tgt Ion: 83 Resp: 50422
Ion Ratio Lower Upper
83 100
85 61.4 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 19.428 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.024 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 41 Resp: 21029
Ion Ratio Lower Upper
41 100
69 94.6 72.1 108.1
39 59.4 42.8 64.2





#49

1,4-Dioxane

Concen: 424.971 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBSD01

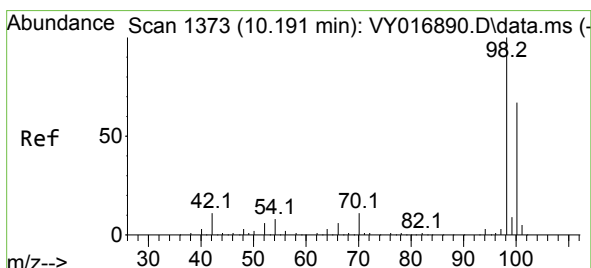
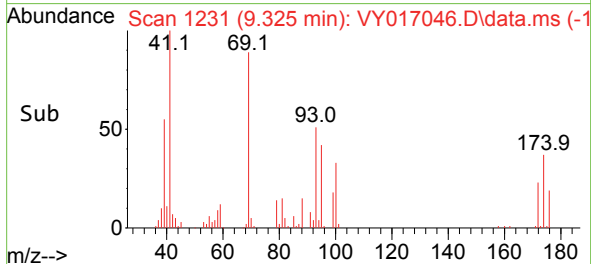
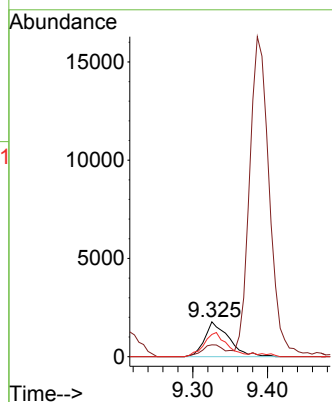
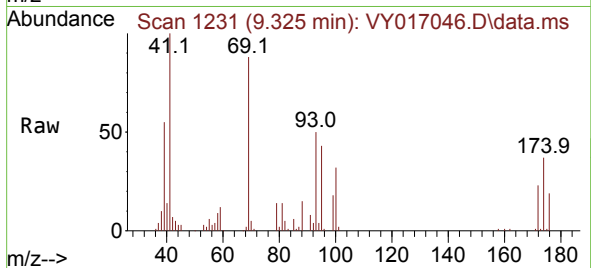
Tgt Ion: 88 Resp: 3997

Ion Ratio Lower Upper

88 100

43 29.3 28.2 42.4

58 65.9 52.2 78.2



#50

Toluene-d8

Concen: 50.993 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY017046.D

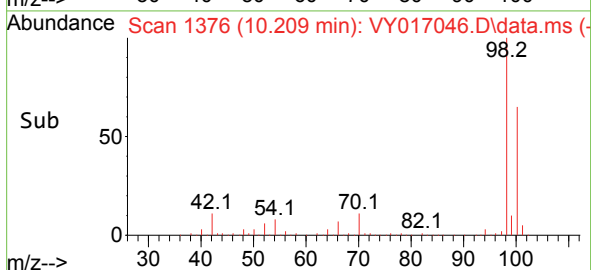
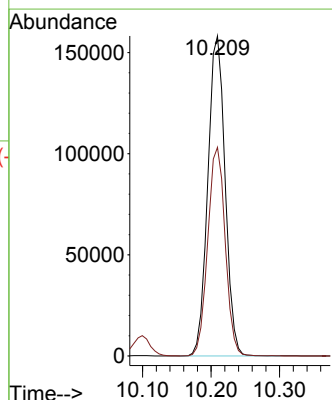
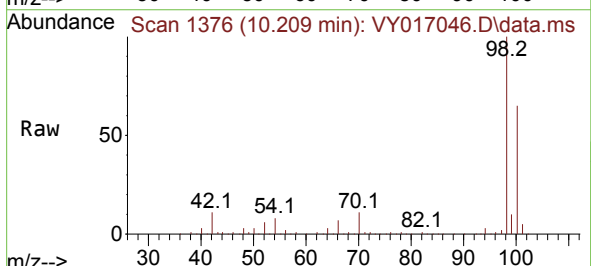
Acq: 19 Jan 2024 11:02

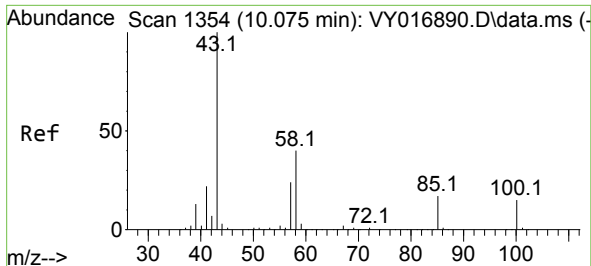
Tgt Ion: 98 Resp: 277688

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 104.952 ug/l

RT: 10.100 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

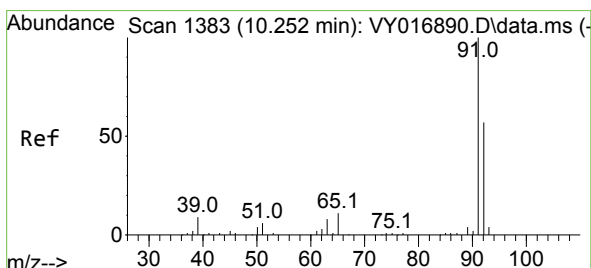
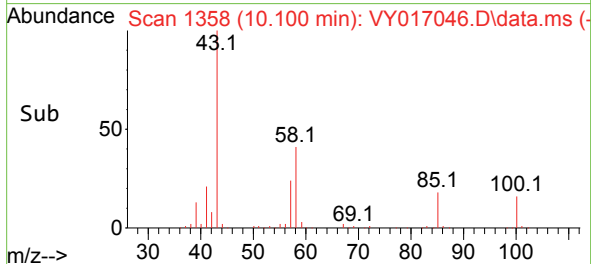
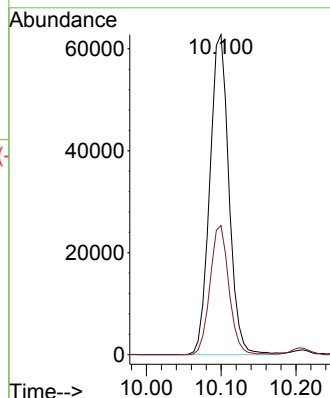
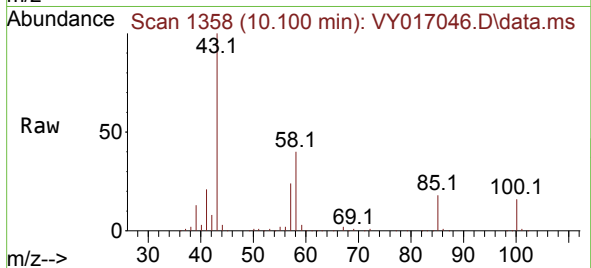
VY0119SBS01

Tgt Ion: 43 Resp: 111945

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



#52

Toluene

Concen: 20.171 ug/l

RT: 10.270 min Scan# 1386

Delta R.T. 0.018 min

Lab File: VY017046.D

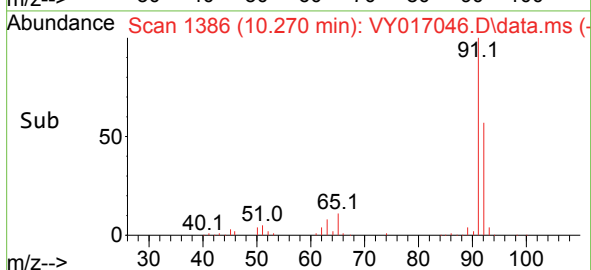
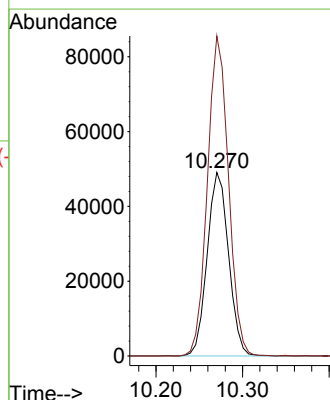
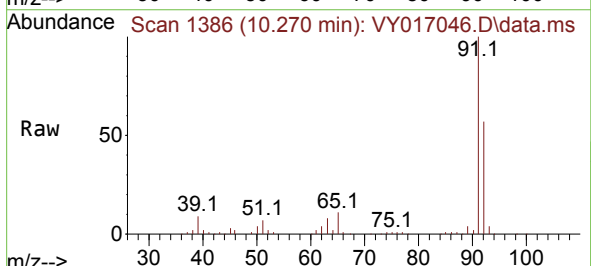
Acq: 19 Jan 2024 11:02

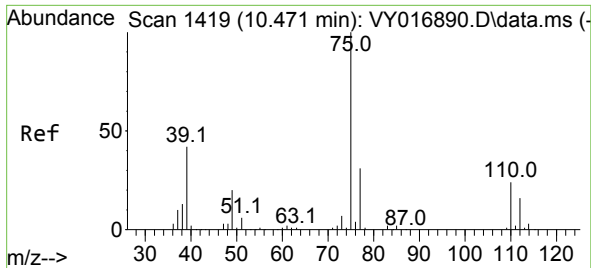
Tgt Ion: 92 Resp: 84159

Ion Ratio Lower Upper

92 100

91 171.7 137.6 206.4

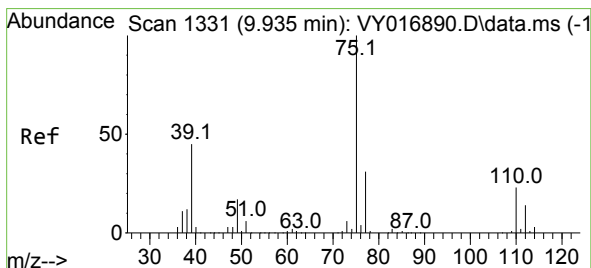
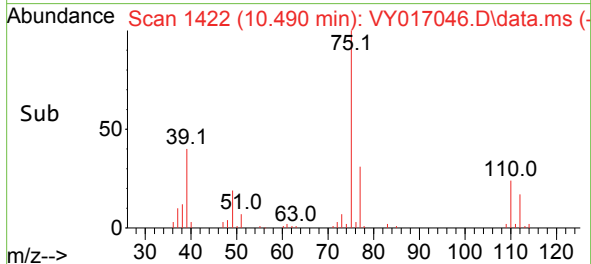
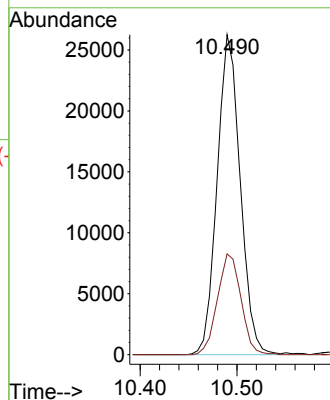
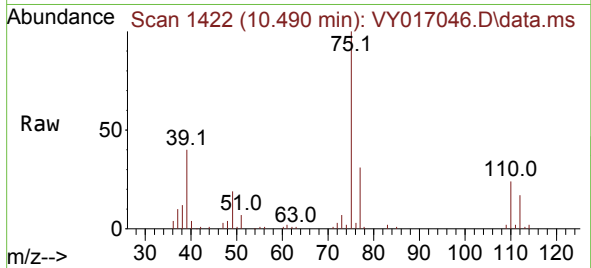




#53
 t-1,3-Dichloropropene
 Concen: 19.901 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

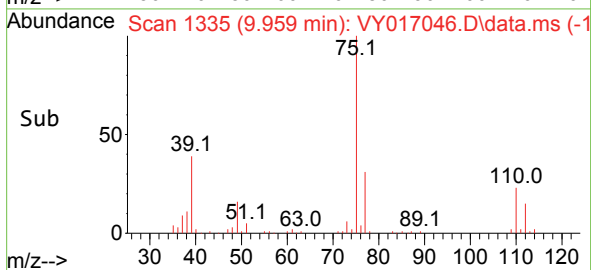
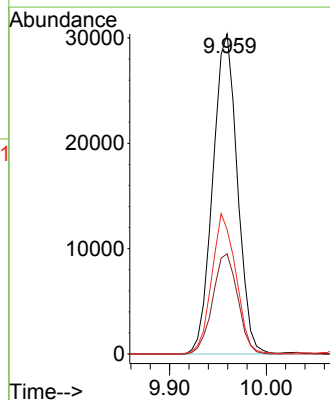
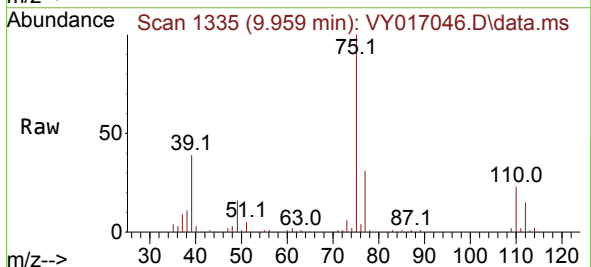
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

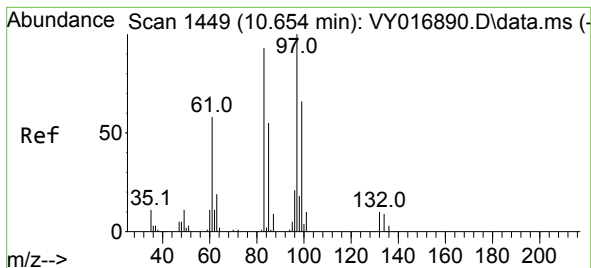
Tgt Ion: 75 Resp: 43482
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.387 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.018 min
 Lab File: VY017046.D
 Acq: 19 Jan 2024 11:02

Tgt Ion: 75 Resp: 53494
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 36.8
 39 38.9 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.061 ug/l

RT: 10.673 min Scan# 1449

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

Tgt Ion: 97 Resp: 27949

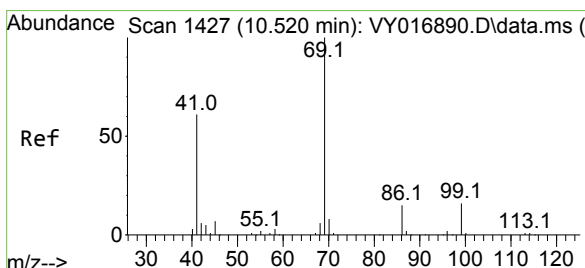
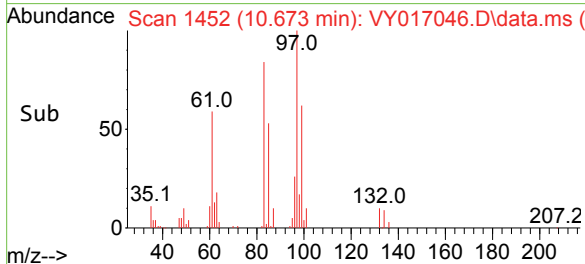
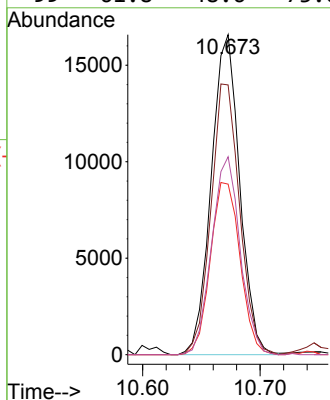
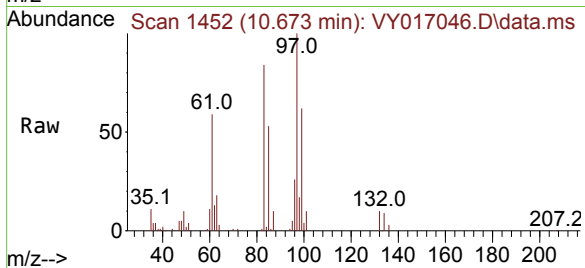
Ion Ratio Lower Upper

97 100

83 84.3 69.4 104.2

85 53.3 43.9 65.9

99 61.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 20.358 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

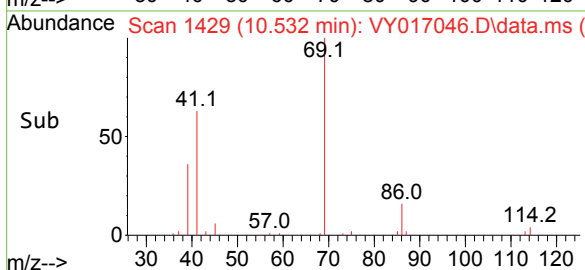
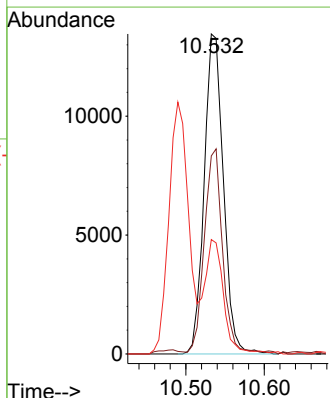
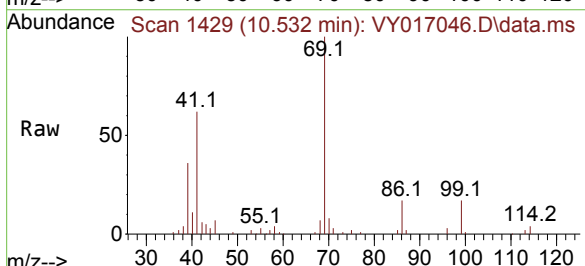
Tgt Ion: 69 Resp: 22883

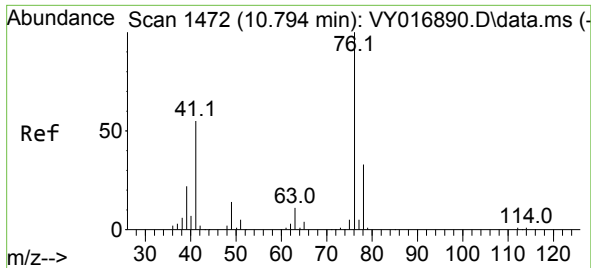
Ion Ratio Lower Upper

69 100

41 61.7 49.2 73.8

39 35.8 26.8 40.2

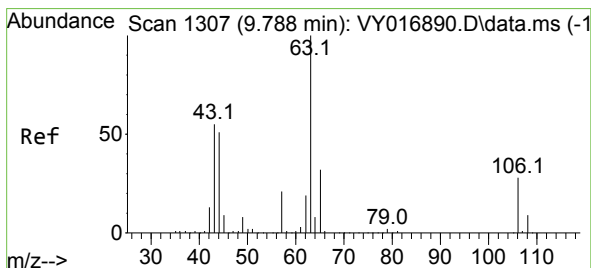
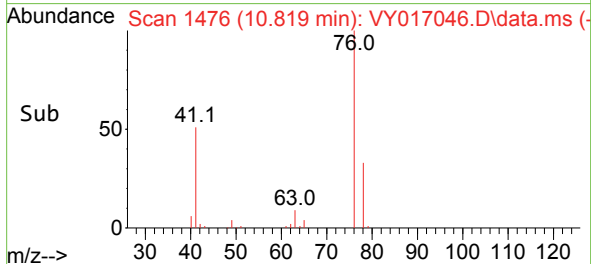
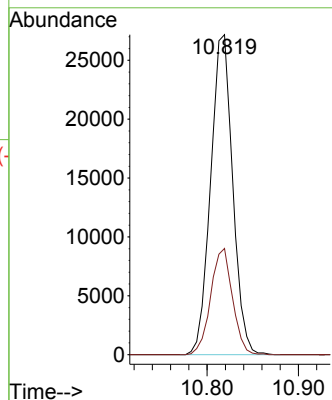
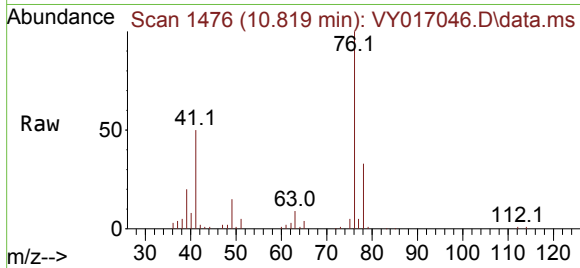




#57
1,3-Dichloropropane
Concen: 20.530 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. 0.019 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

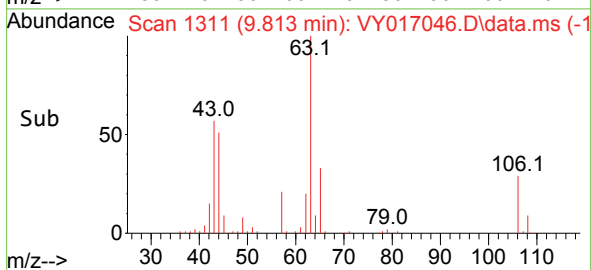
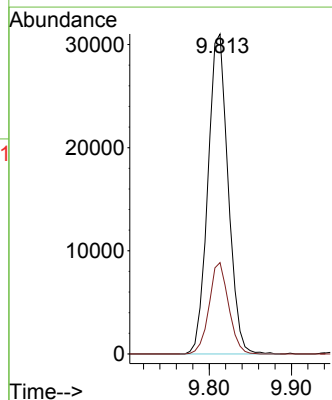
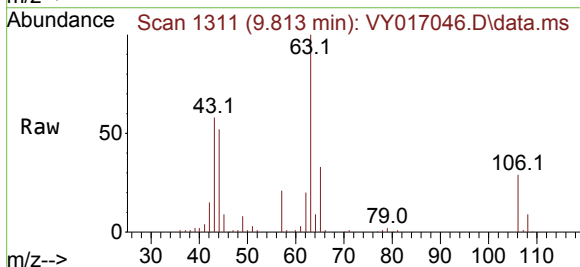
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

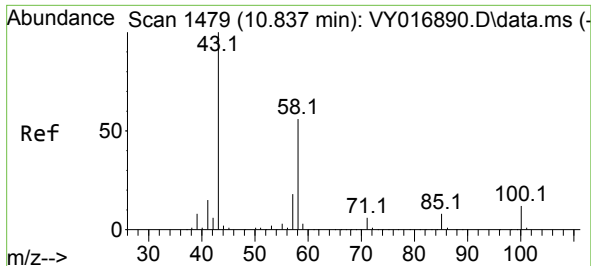
Tgt Ion: 76 Resp: 45487
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 86.972 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.025 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 63 Resp: 52869
Ion Ratio Lower Upper
63 100
106 27.6 22.4 33.6

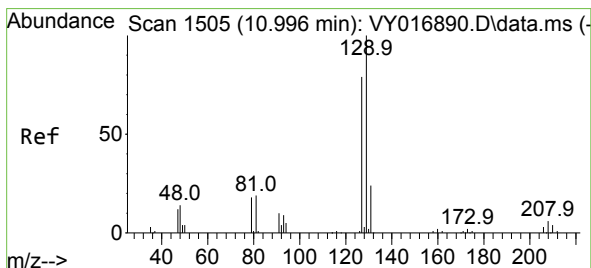
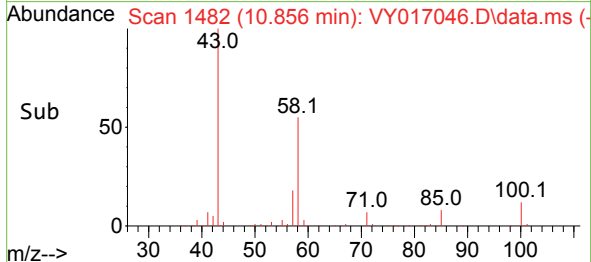
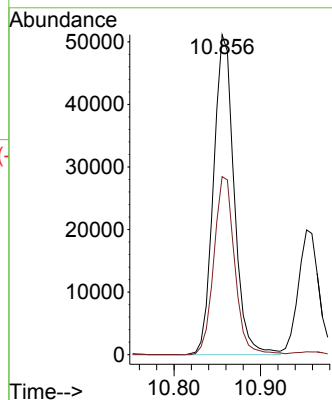
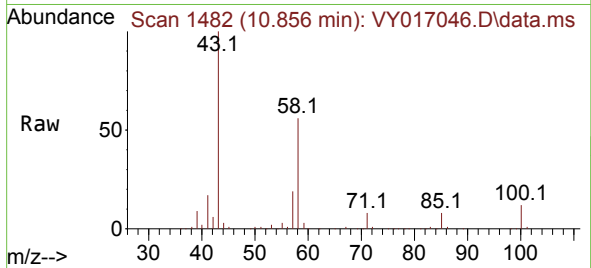




#59
2-Hexanone
Concen: 107.777 ug/l
RT: 10.856 min Scan# 1479
Delta R.T. 0.013 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

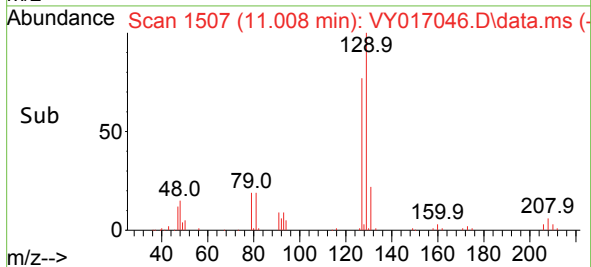
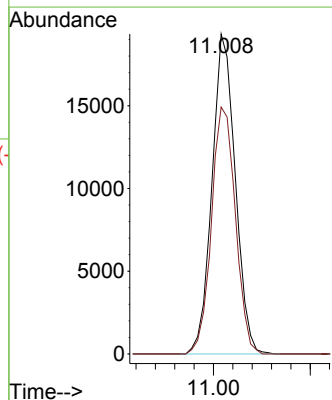
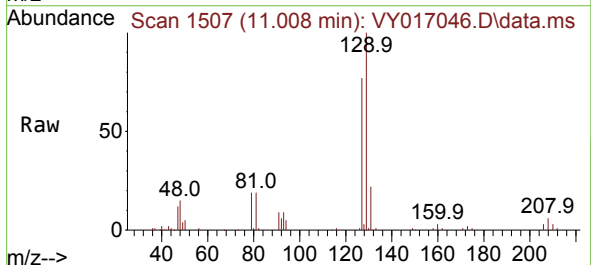
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

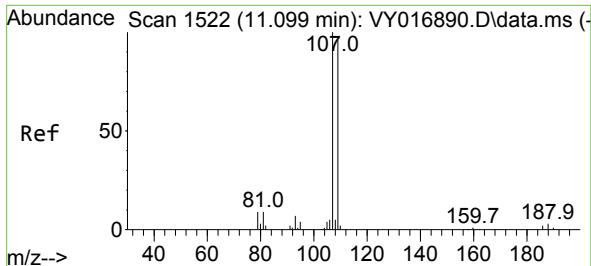
Tgt Ion: 43 Resp: 84647
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 21.090 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion:129 Resp: 32275
Ion Ratio Lower Upper
129 100
127 79.3 39.2 117.6

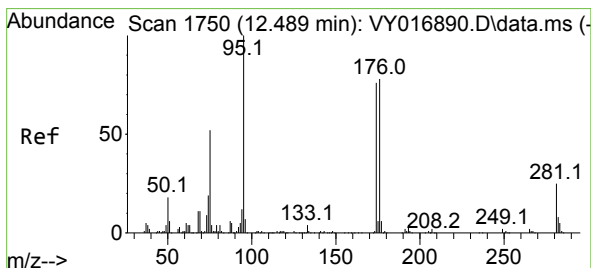
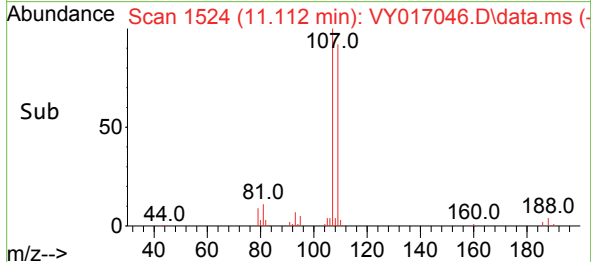
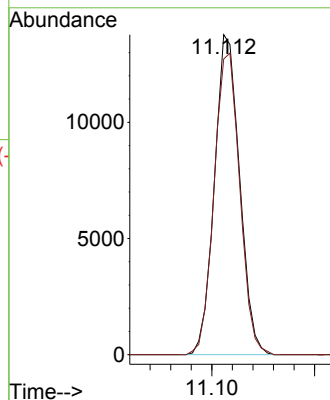
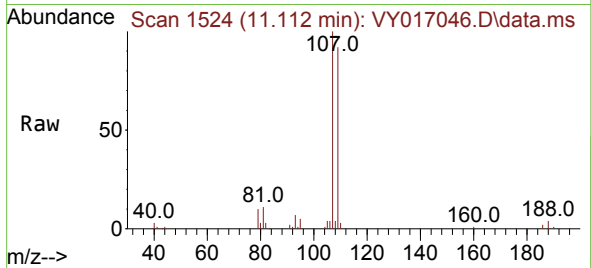




#61
1,2-Dibromoethane
Concen: 20.279 ug/l
RT: 11.112 min Scan# 1524
Delta R.T. 0.013 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

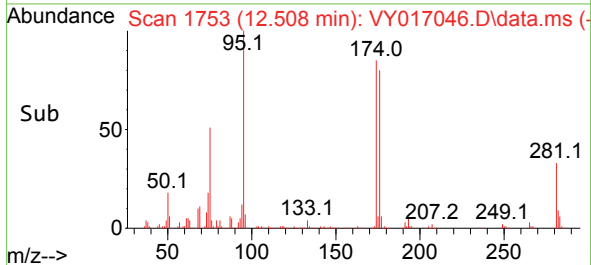
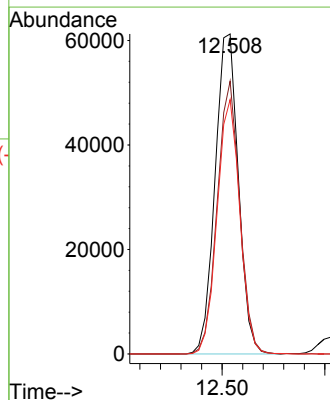
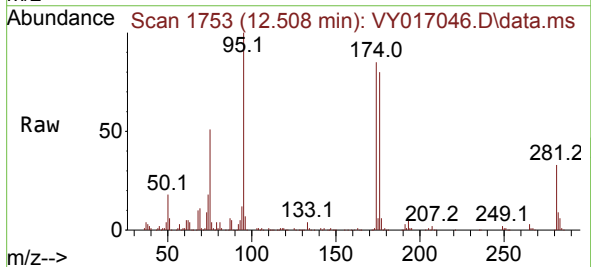
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

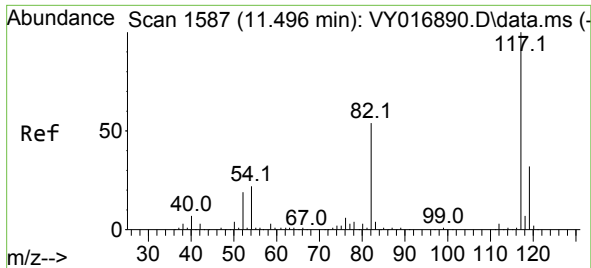
Tgt Ion:107 Resp: 23381
Ion Ratio Lower Upper
107 100
109 96.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.365 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 95 Resp: 96208
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.0
176 77.6 0.0 151.8

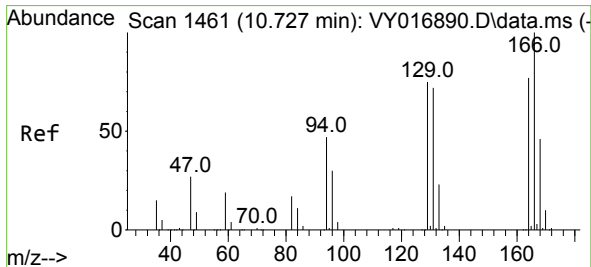
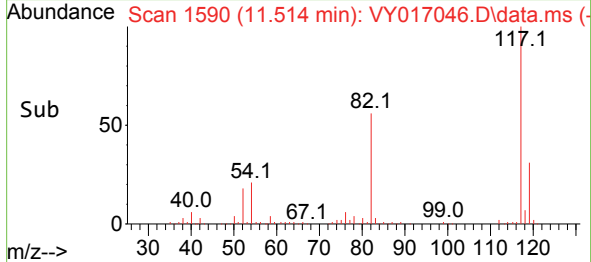
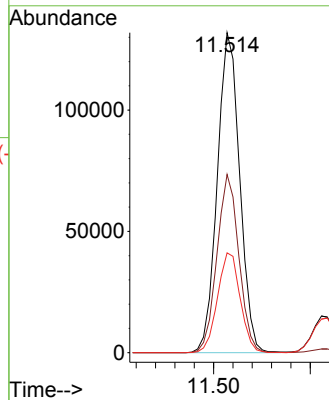
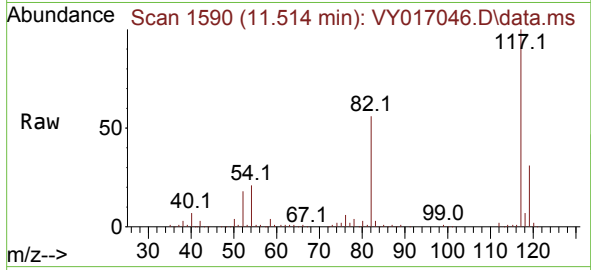




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

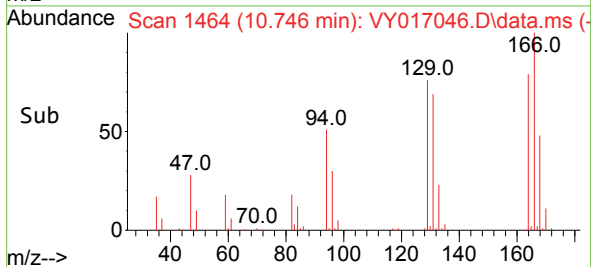
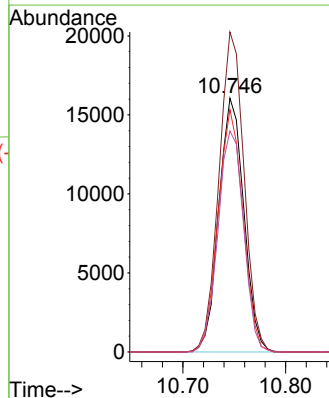
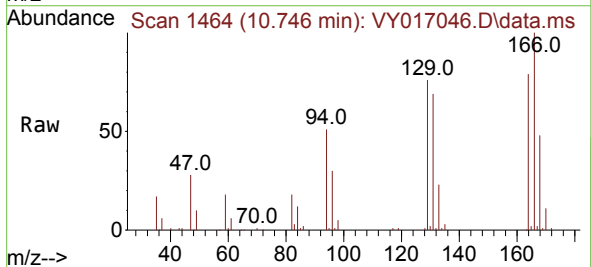
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

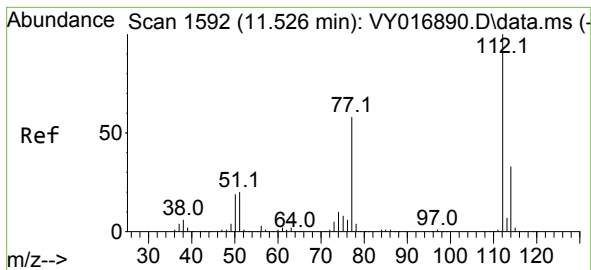
Tgt Ion:117 Resp: 211670
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.2 26.5 39.7



#64
Tetrachloroethene
Concen: 19.840 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion:164 Resp: 27226
Ion Ratio Lower Upper
164 100
166 126.1 98.8 148.2
129 95.5 78.9 118.3
131 87.1 72.5 108.7





#65

Chlorobenzene

Concen: 20.435 ug/l

RT: 11.538 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

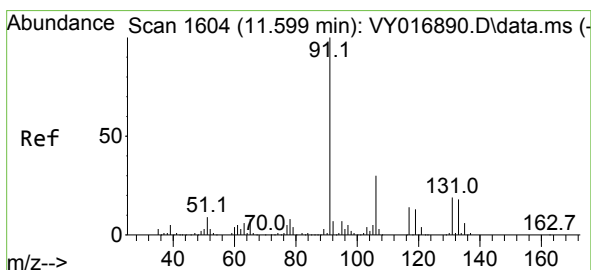
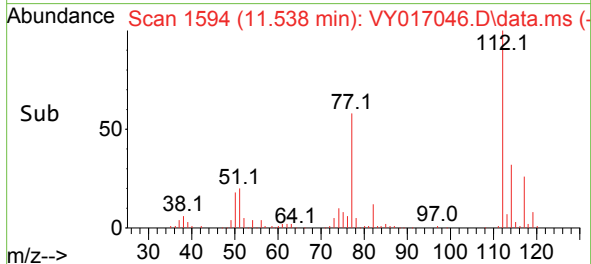
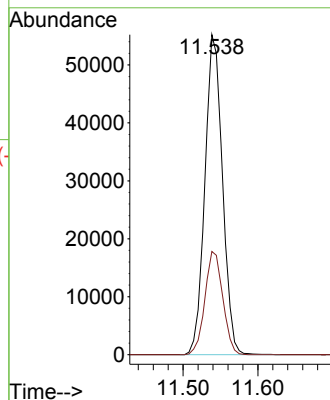
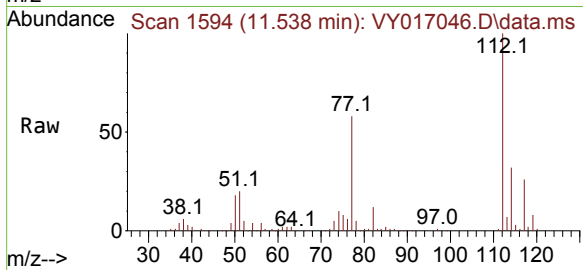
VY0119SBS01

Tgt Ion:112 Resp: 90108

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.295 ug/l

RT: 11.612 min Scan# 1606

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

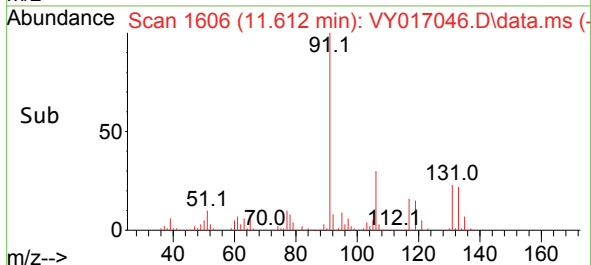
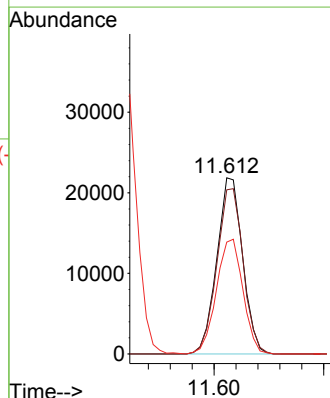
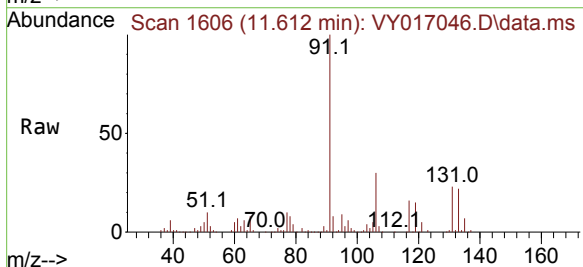
Tgt Ion:131 Resp: 35695

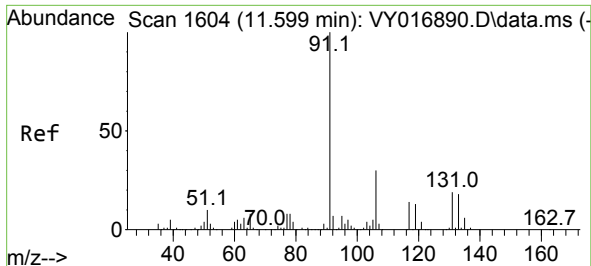
Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.0

119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 20.757 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

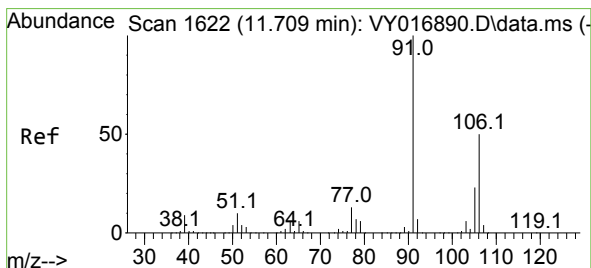
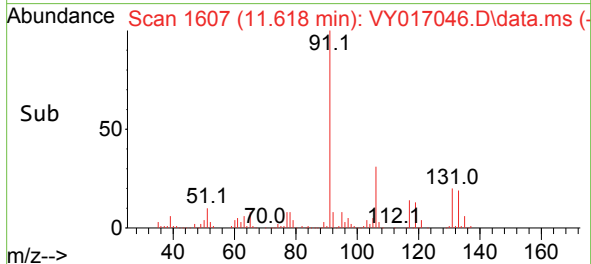
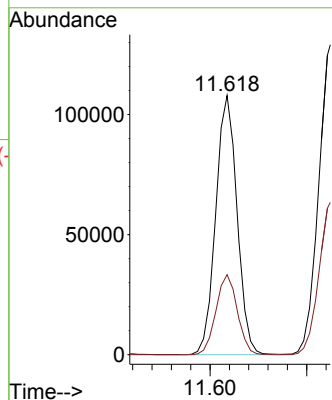
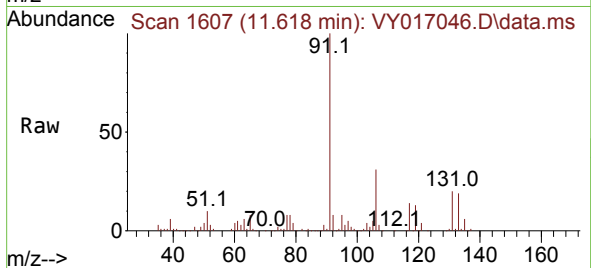
VY0119SBS01

Tgt Ion: 91 Resp: 164780

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 41.045 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY017046.D

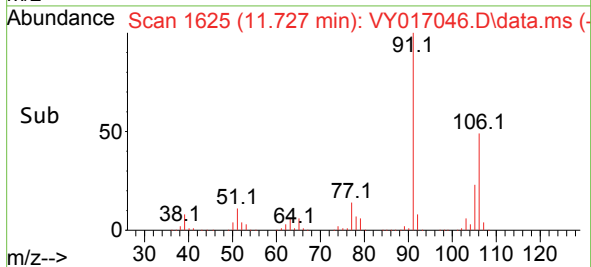
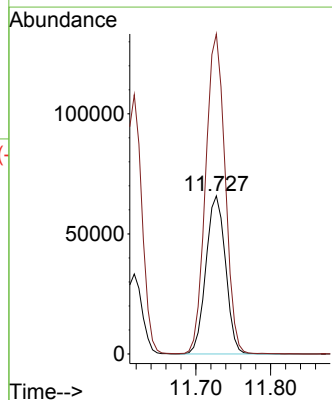
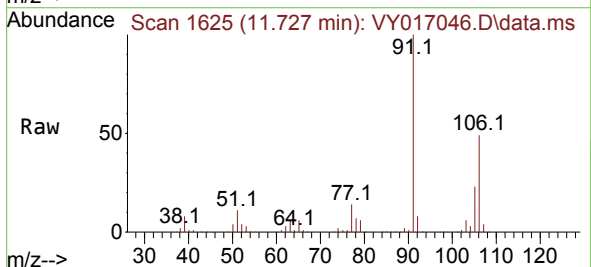
Acq: 19 Jan 2024 11:02

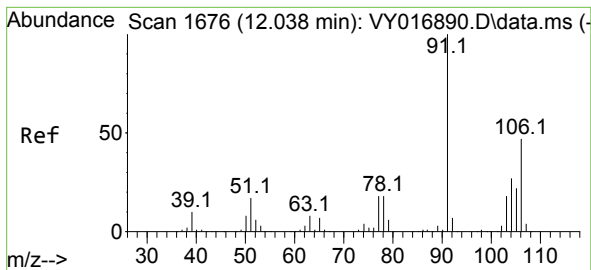
Tgt Ion:106 Resp: 119603

Ion Ratio Lower Upper

106 100

91 201.6 160.7 241.1





#69

o-Xylene

Concen: 20.713 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

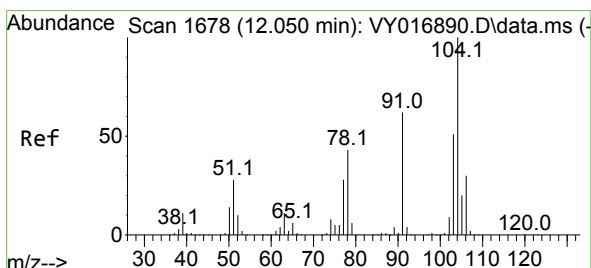
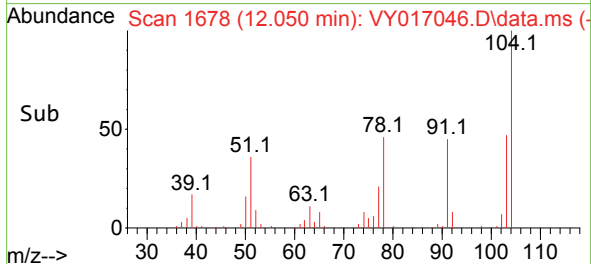
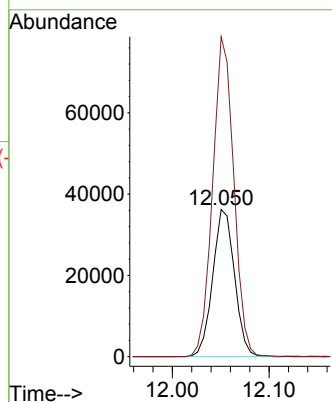
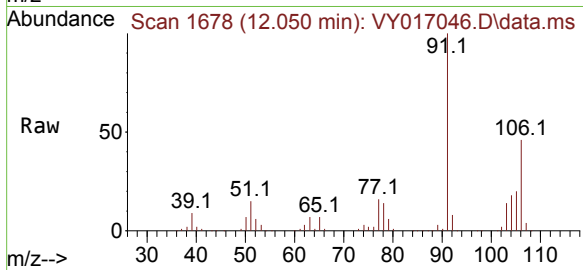
VY0119SBS01

Tgt Ion:106 Resp: 56583

Ion Ratio Lower Upper

106 100

91 210.9 106.5 319.5



#70

Styrene

Concen: 21.297 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

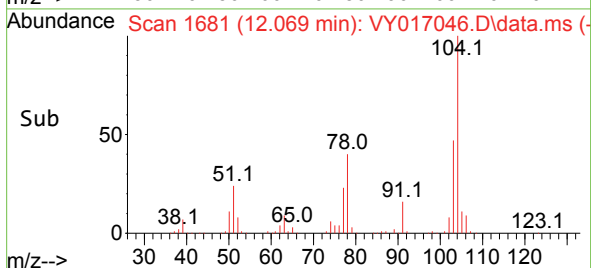
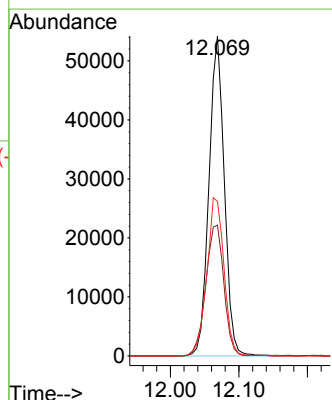
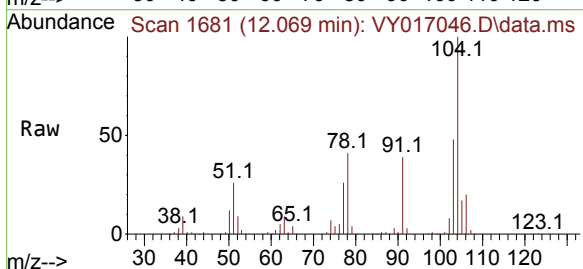
Tgt Ion:104 Resp: 84674

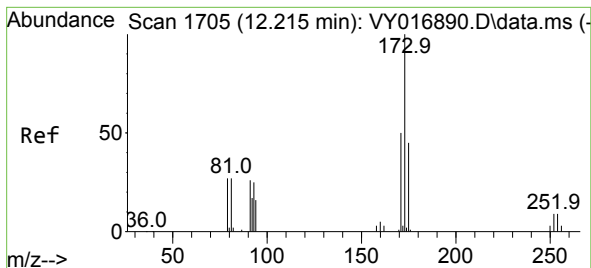
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 21.652 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

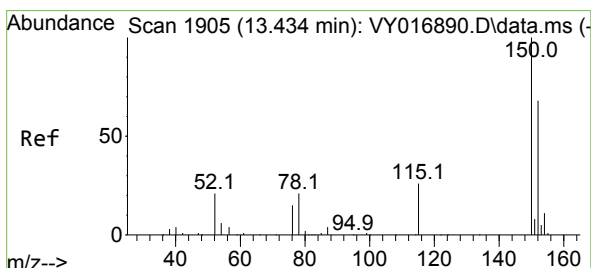
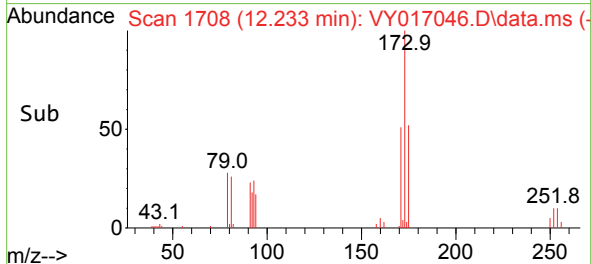
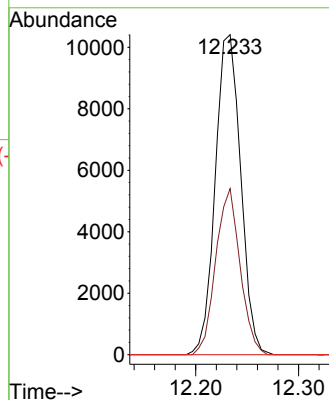
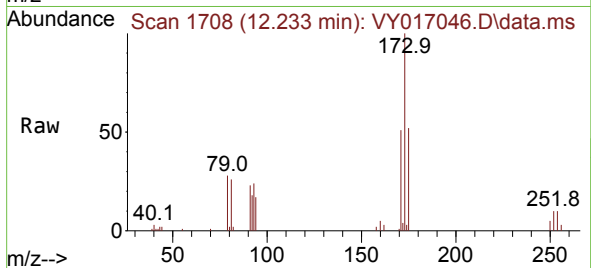
Tgt Ion:173 Resp: 17867

Ion Ratio Lower Upper

173 100

175 49.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

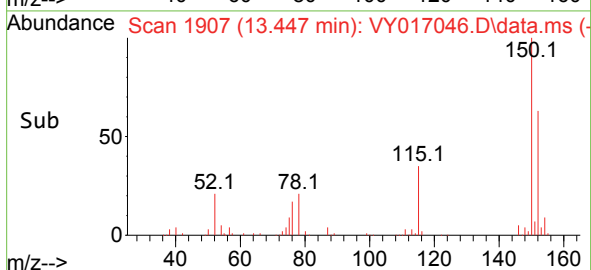
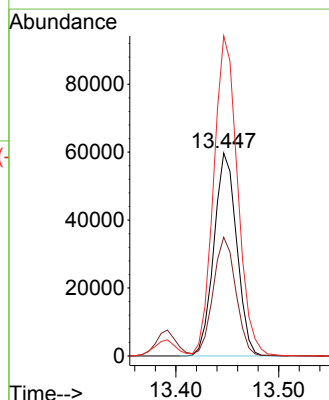
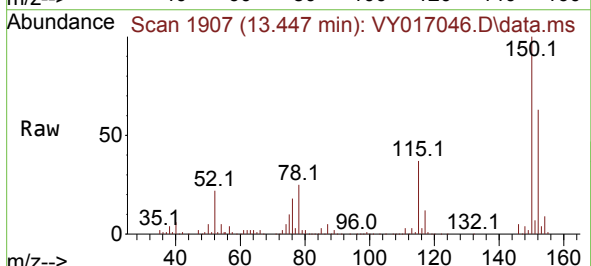
Tgt Ion:152 Resp: 91960

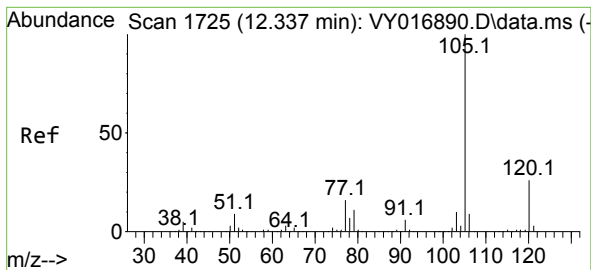
Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 165.8 0.0 344.6





#73

Isopropylbenzene

Concen: 21.415 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

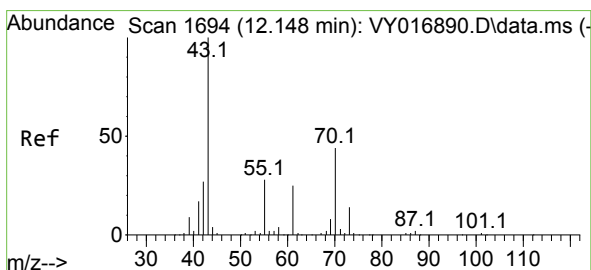
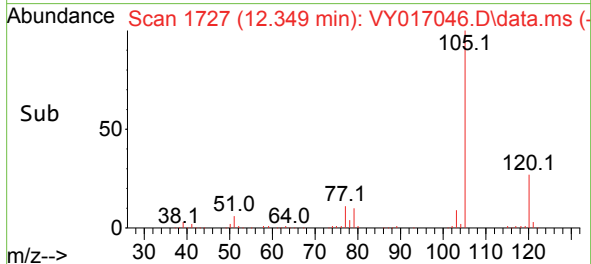
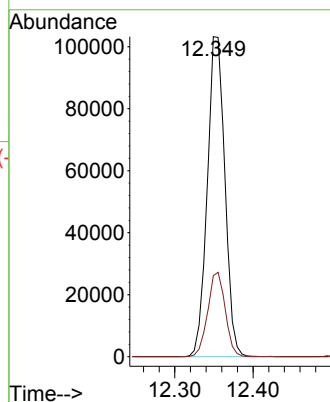
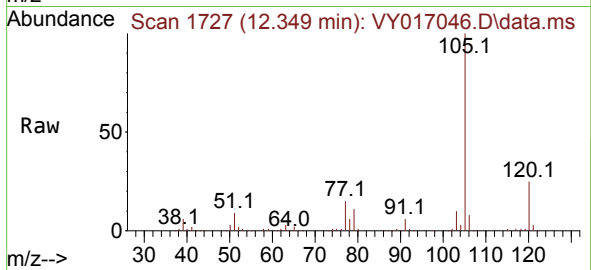
VY0119SBS01

Tgt Ion:105 Resp: 160816

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 21.071 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Tgt Ion: 43 Resp: 31791

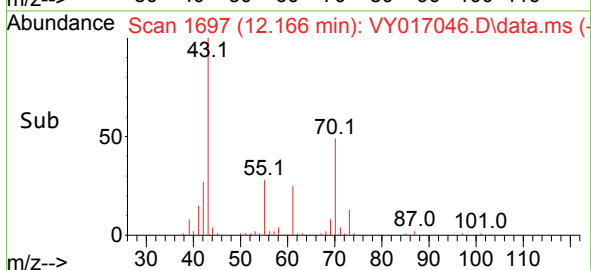
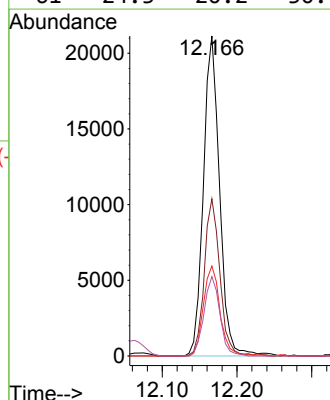
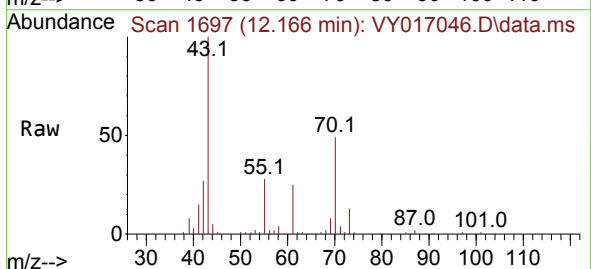
Ion Ratio Lower Upper

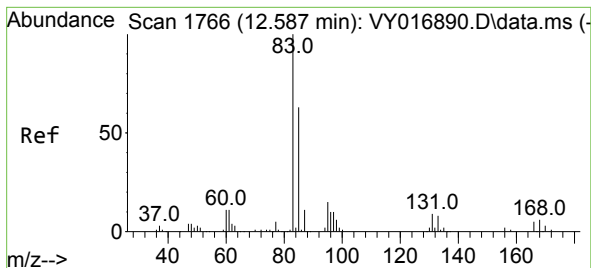
43 100

70 47.2 36.6 55.0

55 29.0 22.2 33.4

61 24.3 20.2 30.4





#75

1,1,2-Tetrachloroethane

Concen: 21.110 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBSD01

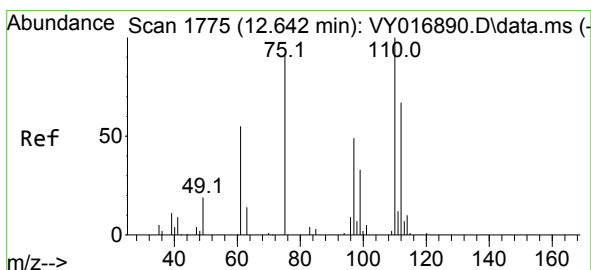
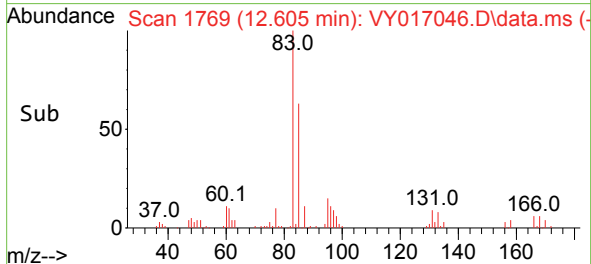
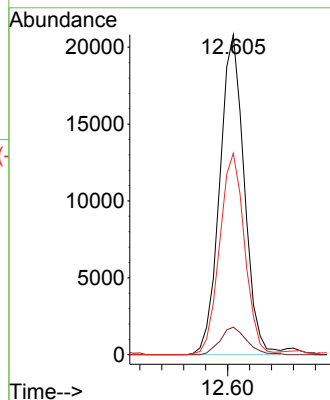
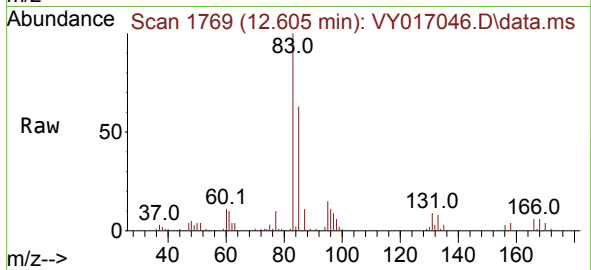
Tgt Ion: 83 Resp: 32300

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.963 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY017046.D

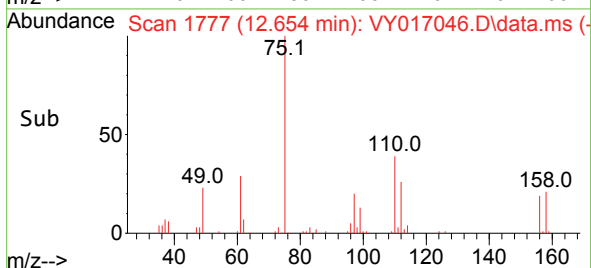
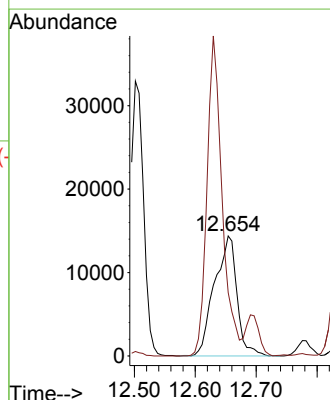
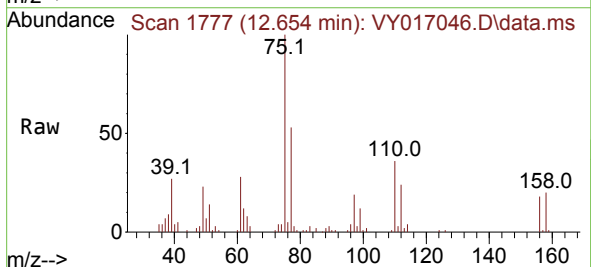
Acq: 19 Jan 2024 11:02

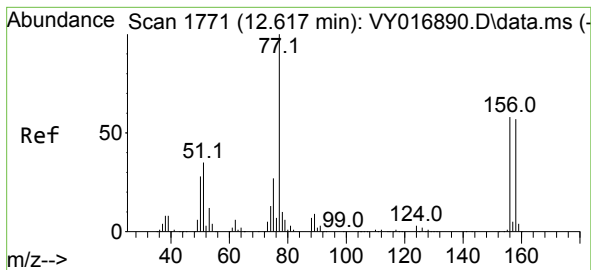
Tgt Ion: 75 Resp: 36887

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.776 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

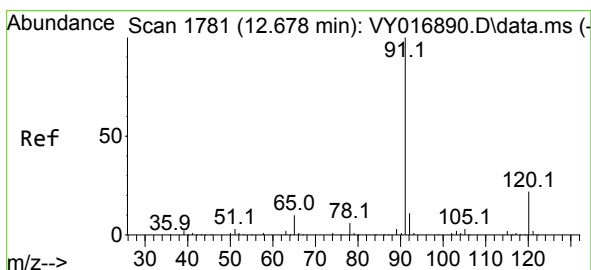
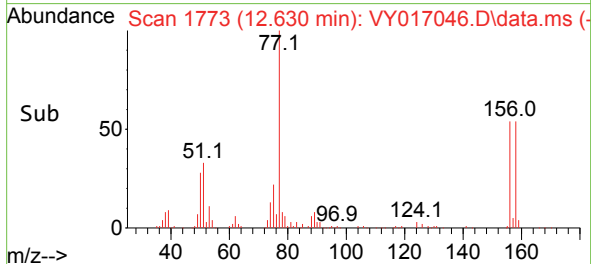
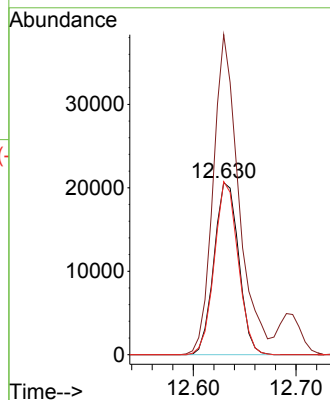
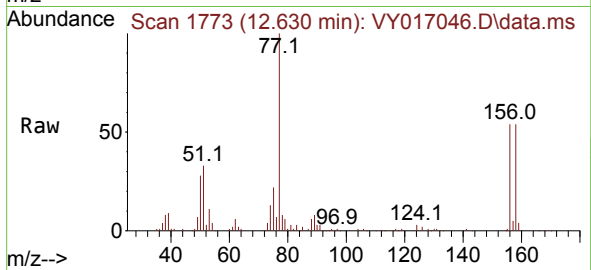
Tgt Ion:156 Resp: 34350

Ion Ratio Lower Upper

156 100

77 192.7 97.3 291.8

158 96.9 48.4 145.0



#78

n-propylbenzene

Concen: 21.113 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.019 min

Lab File: VY017046.D

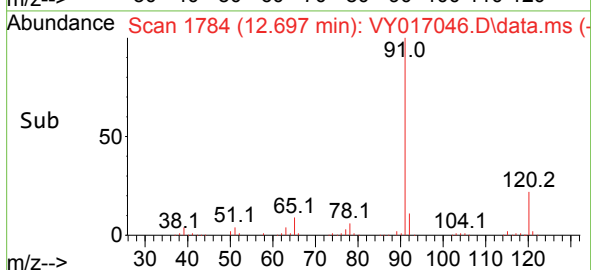
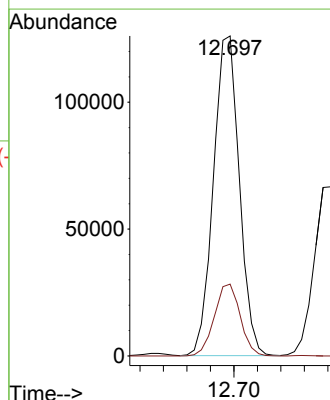
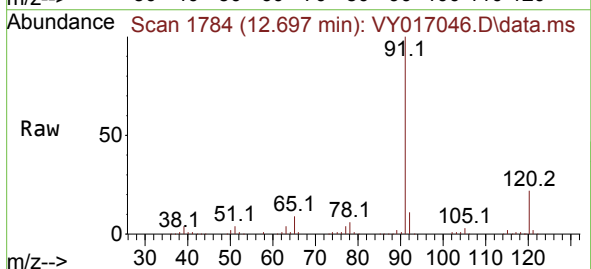
Acq: 19 Jan 2024 11:02

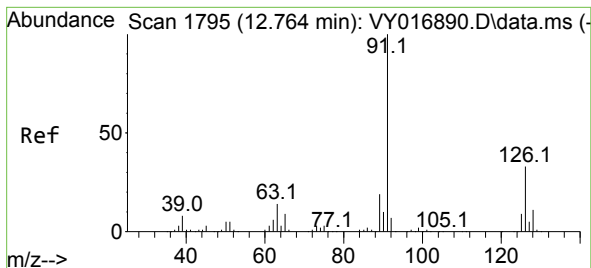
Tgt Ion: 91 Resp: 192746

Ion Ratio Lower Upper

91 100

120 22.4 11.0 33.0





#79

2-Chlorotoluene

Concen: 20.811 ug/l

RT: 12.782 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

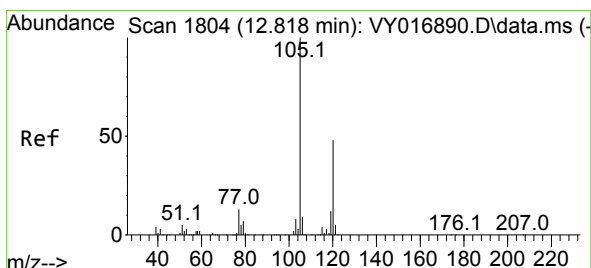
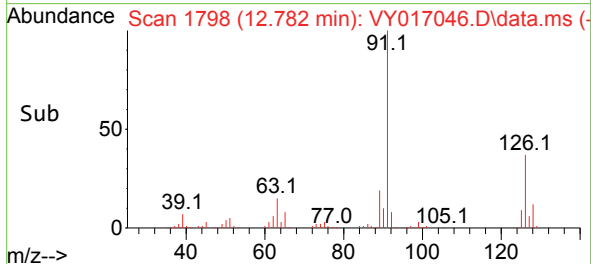
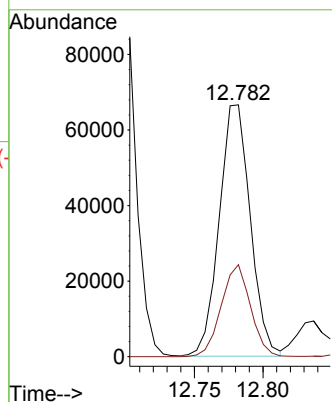
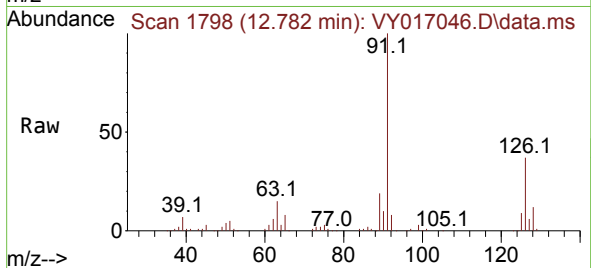
VY0119SBSD01

Tgt Ion: 91 Resp: 105355

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.412 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.019 min

Lab File: VY017046.D

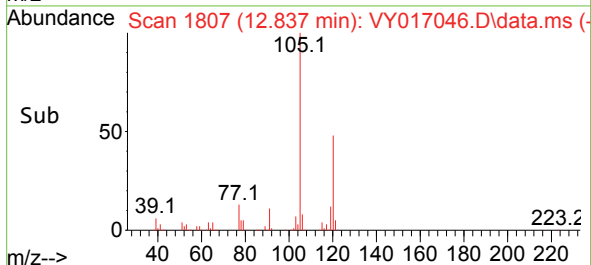
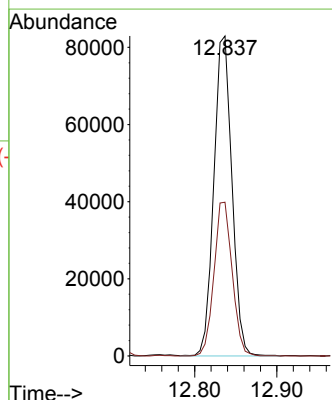
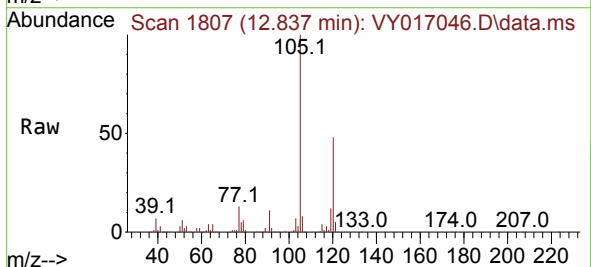
Acq: 19 Jan 2024 11:02

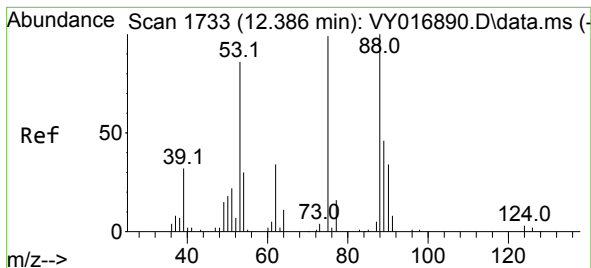
Tgt Ion:105 Resp: 127169

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

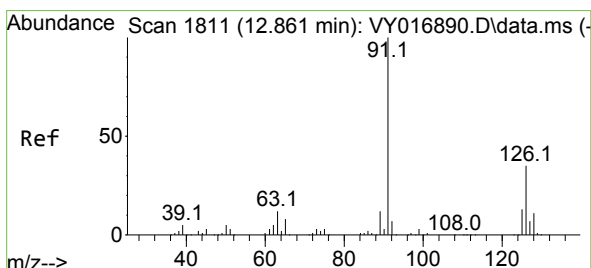
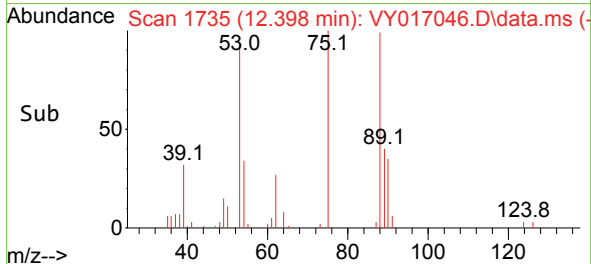
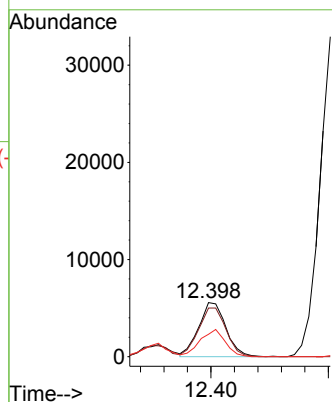
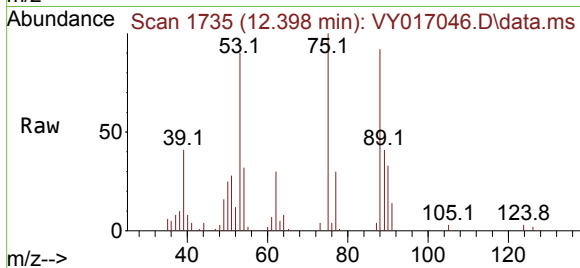




#81
trans-1,4-Dichloro-2-butene
Concen: 20.443 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

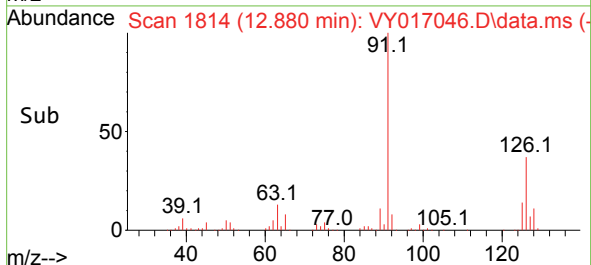
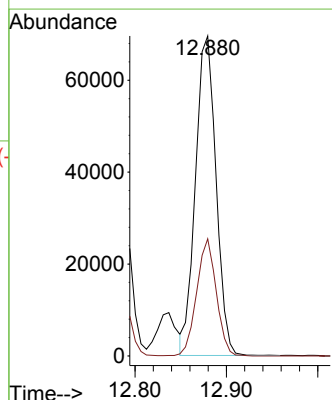
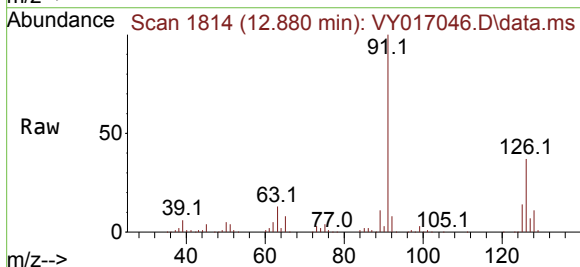
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

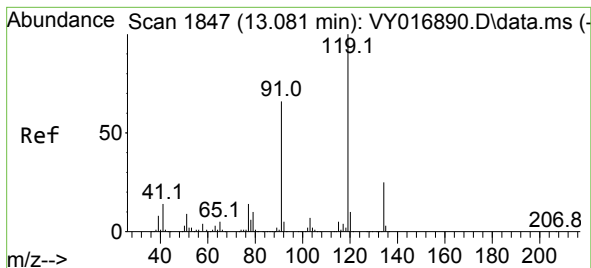
Tgt Ion: 75 Resp: 8984
Ion Ratio Lower Upper
75 100
53 90.9 74.0 111.0
89 46.4 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.035 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.019 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 91 Resp: 108791
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2

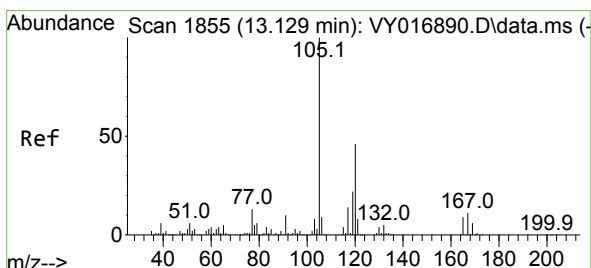
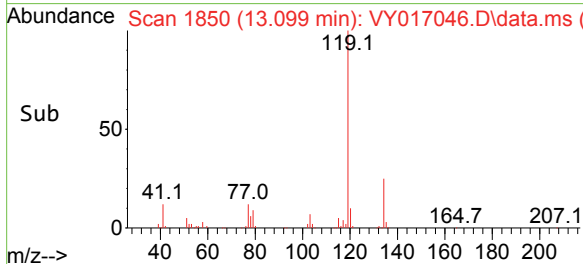
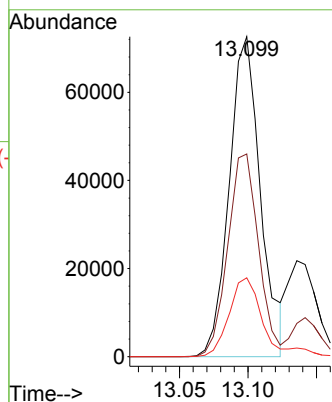
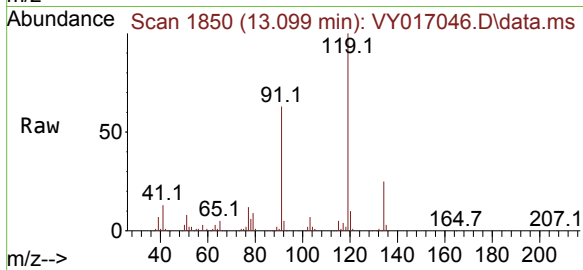




#83
tert-Butylbenzene
Concen: 22.024 ug/l
RT: 13.099 min Scan# 1850
Delta R.T. 0.012 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

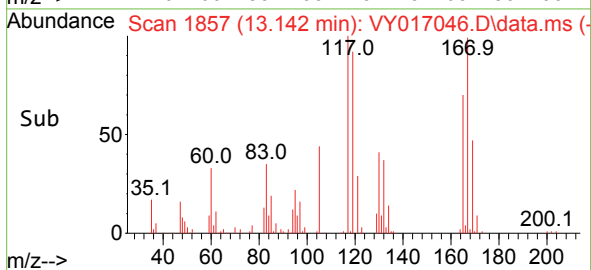
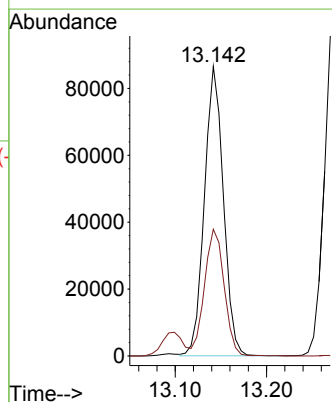
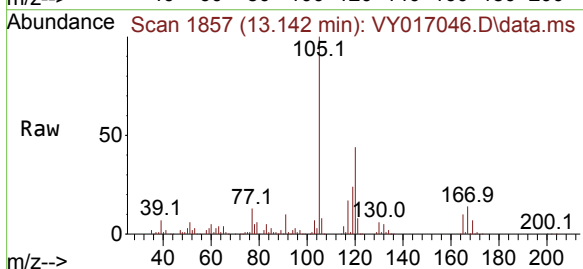
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

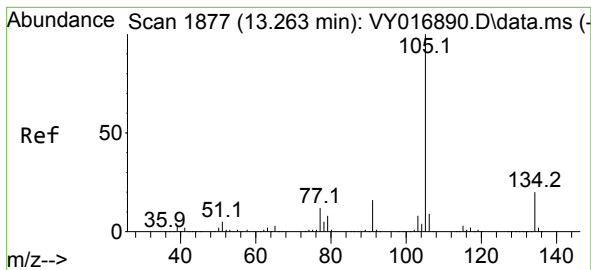
Tgt Ion:119 Resp: 115210
Ion Ratio Lower Upper
119 100
91 62.6 31.5 94.5
134 26.9 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.269 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion:105 Resp: 124402
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.818 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

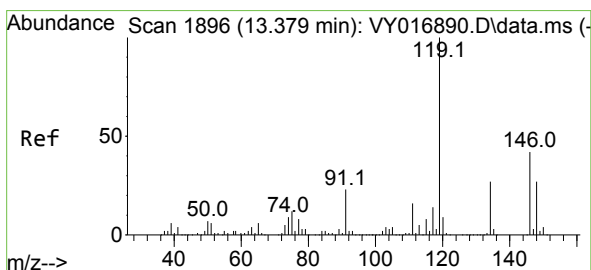
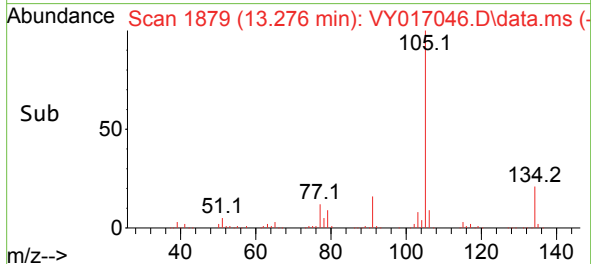
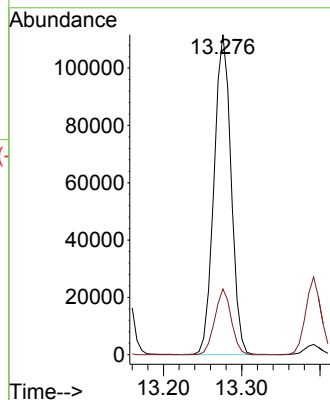
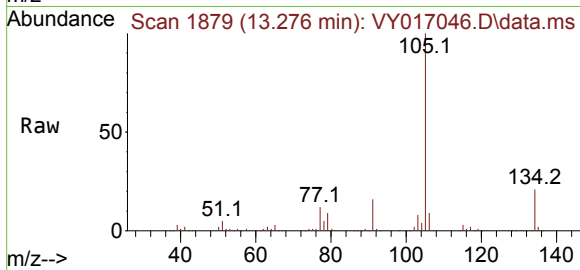
VY0119SBSD01

Tgt Ion:105 Resp: 169114

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.371 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

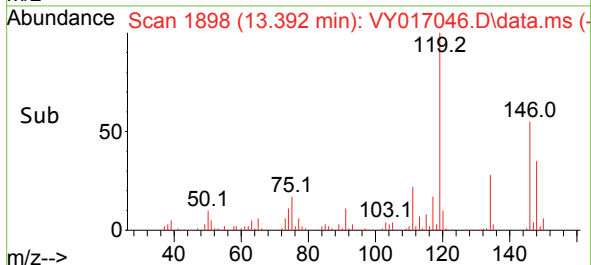
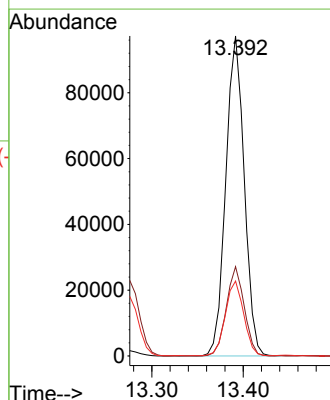
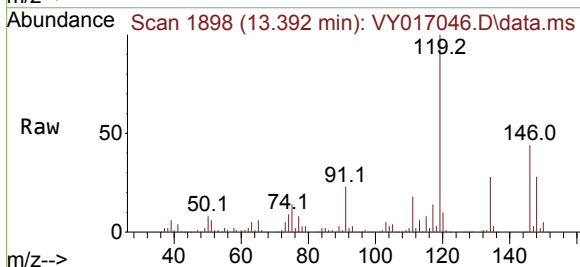
Tgt Ion:119 Resp: 136712

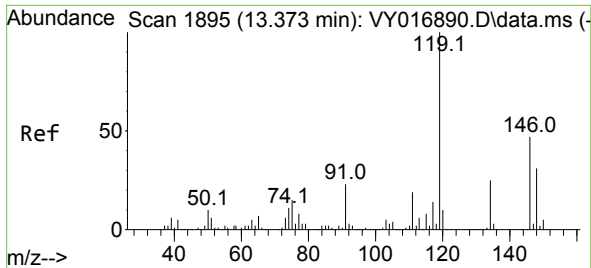
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.1

91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.934 ug/l

RT: 13.392 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

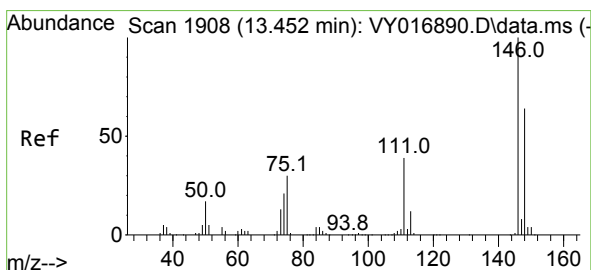
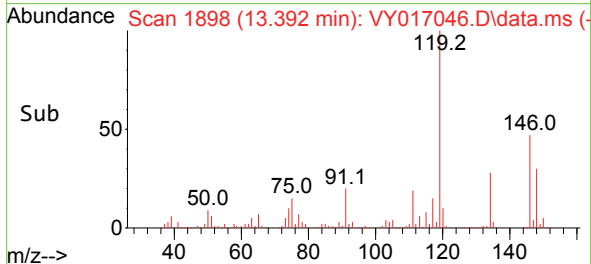
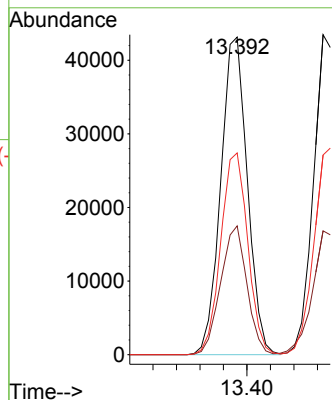
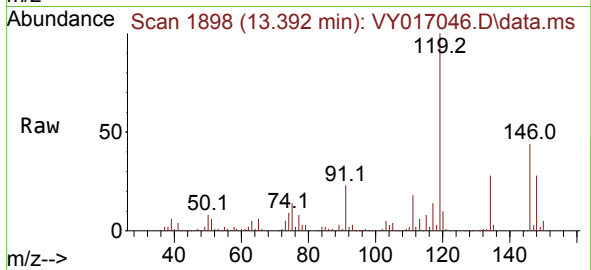
Tgt Ion:146 Resp: 67882

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 64.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.320 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

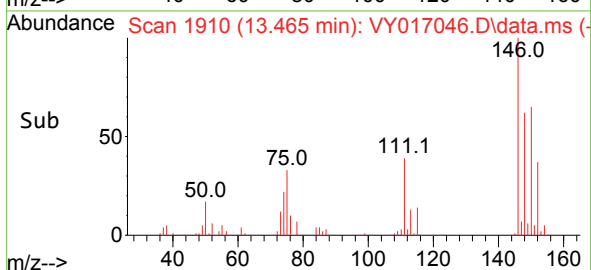
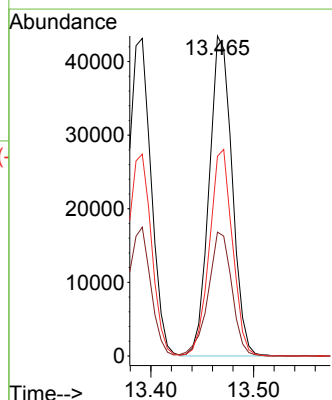
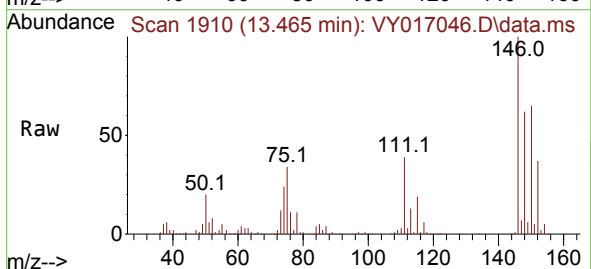
Tgt Ion:146 Resp: 67617

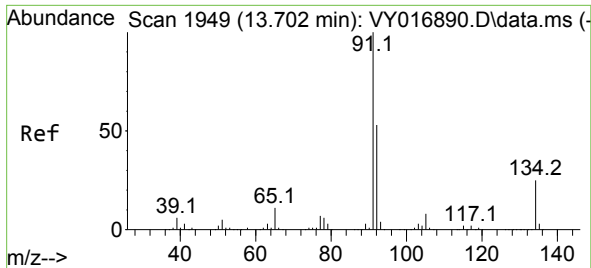
Ion Ratio Lower Upper

146 100

111 39.9 19.3 57.9

148 64.7 31.6 94.7

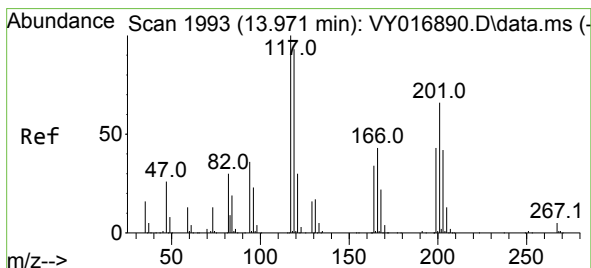
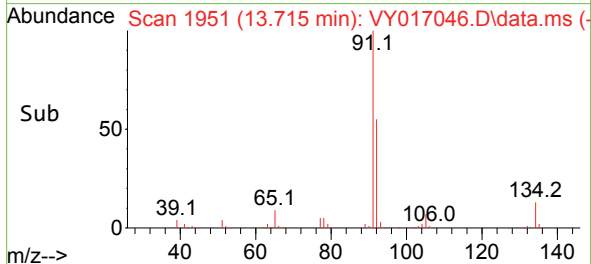
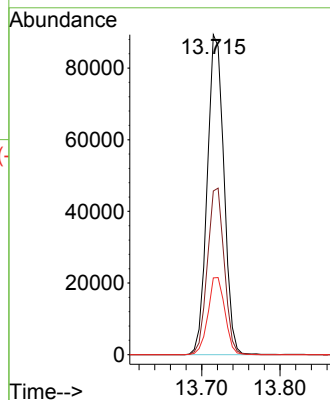
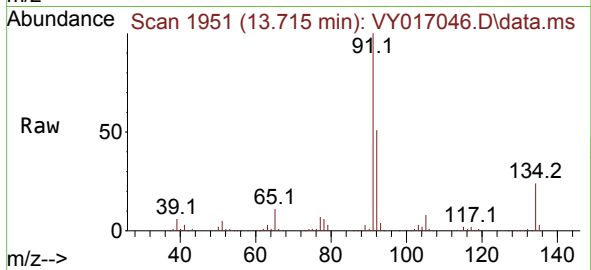




#89
n-Butylbenzene
Concen: 21.470 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

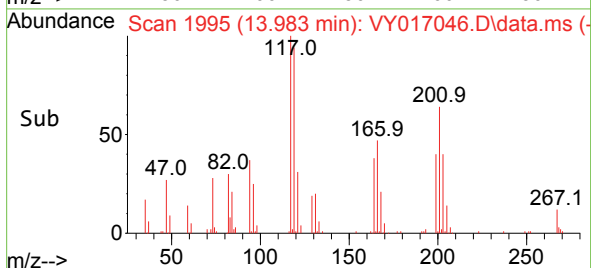
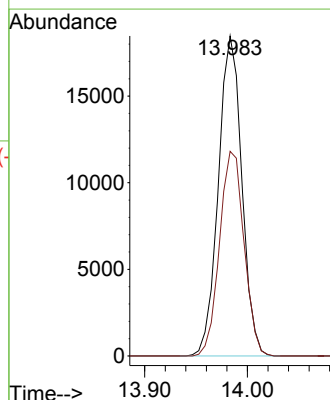
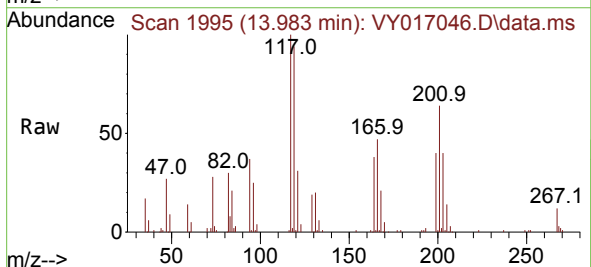
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

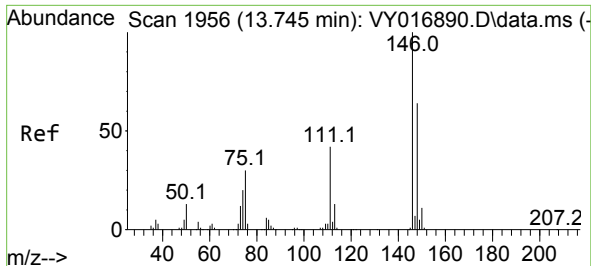
Tgt Ion: 91 Resp: 132053
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 21.294 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 117 Resp: 29270
Ion Ratio Lower Upper
117 100
201 66.8 33.4 100.1

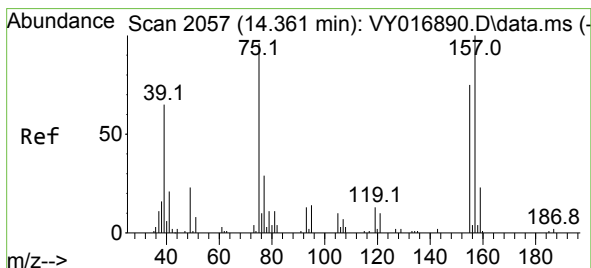
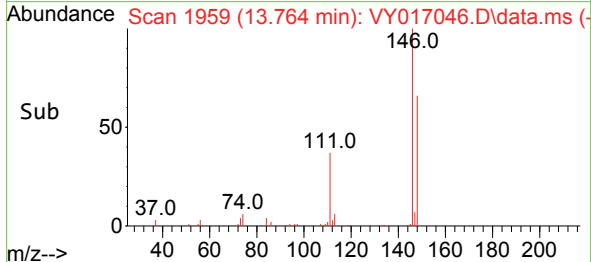
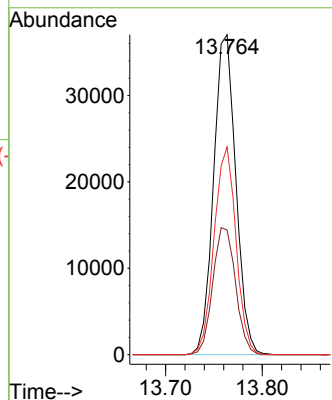
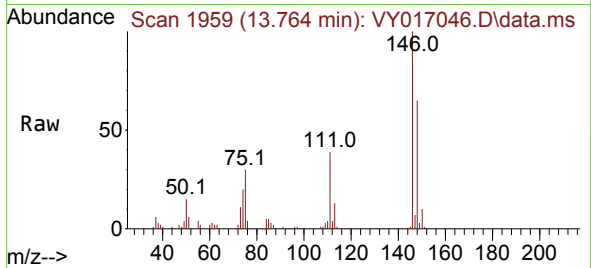




#91
1,2-Dichlorobenzene
Concen: 21.120 ug/l
RT: 13.764 min Scan# 1959
Delta R.T. 0.013 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

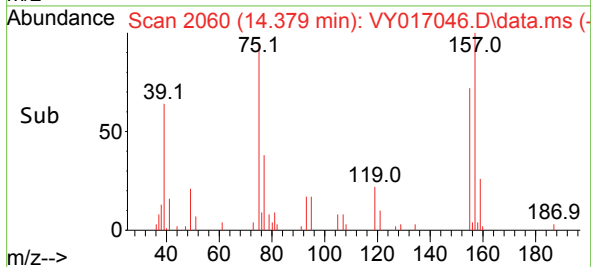
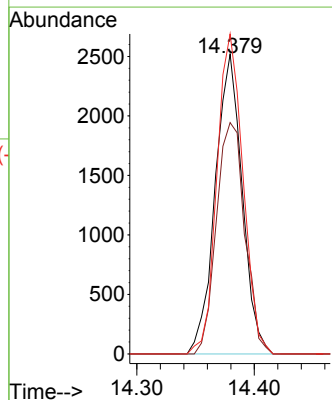
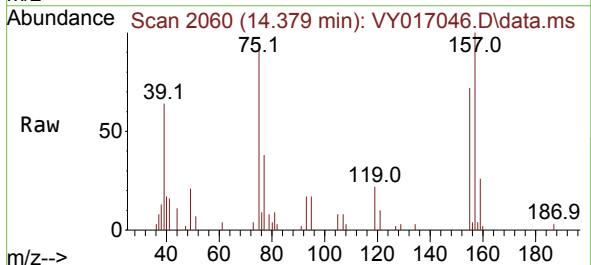
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

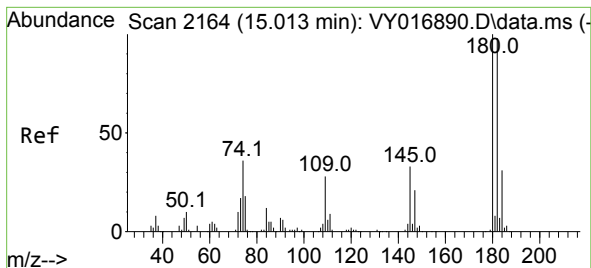
Tgt Ion:146 Resp: 59184
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 64.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.936 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY017046.D
Acq: 19 Jan 2024 11:02

Tgt Ion: 75 Resp: 4017
Ion Ratio Lower Upper
75 100
155 81.4 42.1 126.3
157 103.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.857 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.013 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

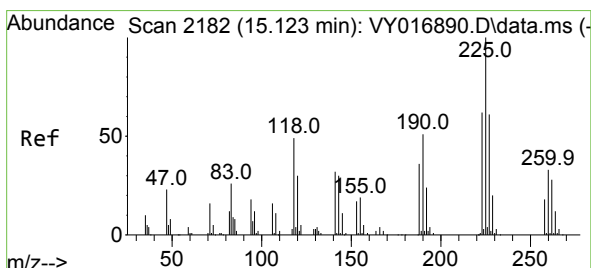
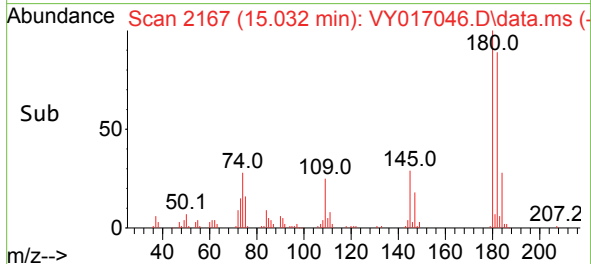
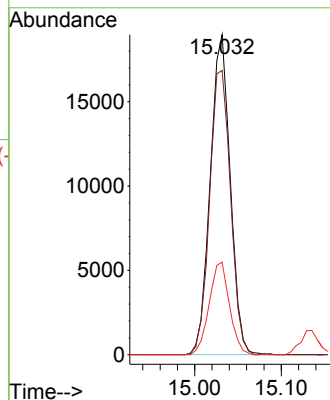
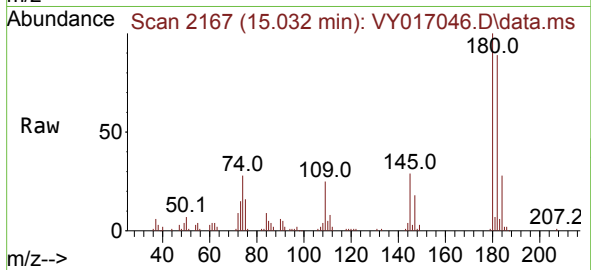
Tgt Ion:180 Resp: 30415

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.7

145 29.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.454 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

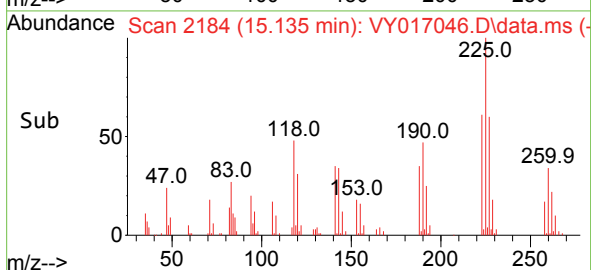
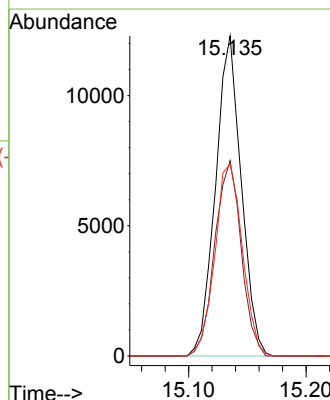
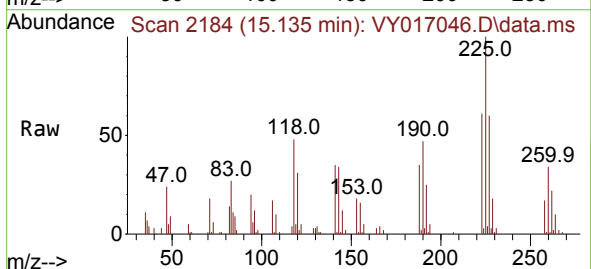
Tgt Ion:225 Resp: 18702

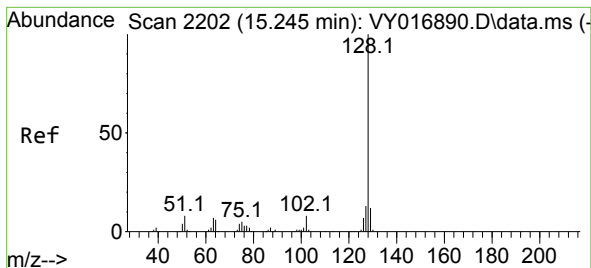
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 64.2 32.3 96.8





#95

Naphthalene

Concen: 21.922 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

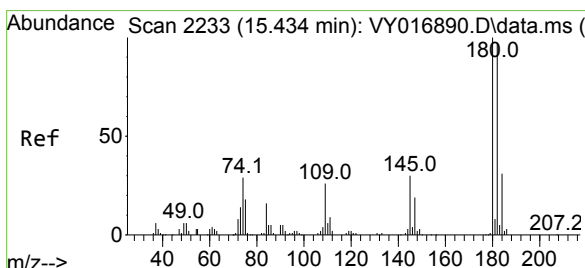
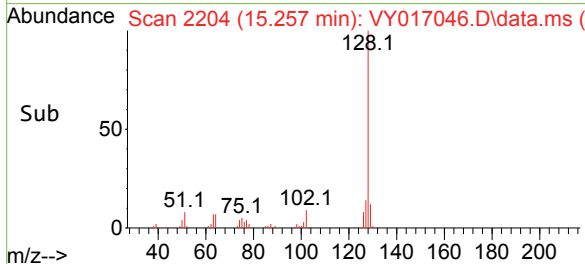
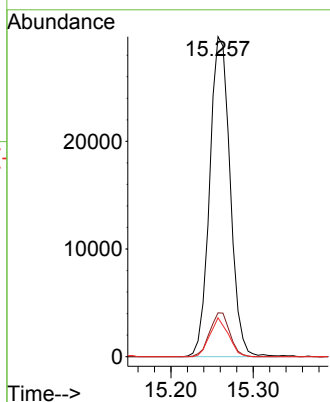
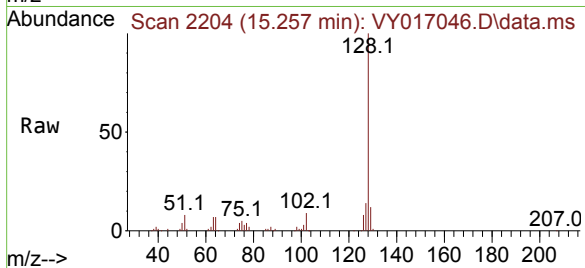
Tgt Ion:128 Resp: 51361

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.808 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017046.D

Acq: 19 Jan 2024 11:02

Tgt Ion:180 Resp: 24586

Ion Ratio Lower Upper

180 100

182 94.5 46.3 138.8

145 31.9 16.1 48.2

