

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017114.D
 Acq On : 26 Jan 2024 12:01
 Operator : SY/MD
 Sample : VY0126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS01

Quant Time: Jan 29 04:14:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114256	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	193193	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	166268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62768	56.385	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.760%			
35) Dibromofluoromethane	7.716	113	65363	56.057	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.120%			
50) Toluene-d8	10.185	98	252450	57.323	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.640%			
62) 4-Bromofluorobenzene	12.489	95	77720	57.287	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24095	26.497	ug/l	99
3) Chloromethane	2.113	50	40526	25.648	ug/l	99
4) Vinyl Chloride	2.247	62	46366	25.879	ug/l	95
5) Bromomethane	2.649	94	33953	25.806	ug/l	100
6) Chloroethane	2.790	64	29850	25.751	ug/l	98
7) Trichlorofluoromethane	3.119	101	48309	23.842	ug/l	96
8) Diethyl Ether	3.527	74	13789	20.946	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	28763	22.507	ug/l	98
10) Methyl Iodide	4.088	142	24258	19.980	ug/l	98
11) Tert butyl alcohol	4.954	59	9486	110.832	ug/l	98
12) 1,1-Dichloroethene	3.869	96	25678	21.950	ug/l	94
13) Acrolein	3.729	56	13760	103.066	ug/l	99
14) Allyl chloride	4.478	41	39407	22.286	ug/l	99
15) Acrylonitrile	5.161	53	28978	101.426	ug/l	98
16) Acetone	3.942	43	41214	119.458	ug/l	98
17) Carbon Disulfide	4.192	76	74218	21.049	ug/l	99
18) Methyl Acetate	4.472	43	22930	20.079	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	57809	20.250	ug/l	98
20) Methylene Chloride	4.716	84	30463	21.099	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	29644	21.907	ug/l	98
22) Diisopropyl ether	6.118	45	88006	22.548	ug/l	93
23) Vinyl Acetate	6.057	43	202602	107.010	ug/l	100
24) 1,1-Dichloroethane	6.021	63	54000	22.683	ug/l	98
25) 2-Butanone	6.990	43	48740	108.342	ug/l	99
26) 2,2-Dichloropropane	6.984	77	43905	21.593	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	32905	21.944	ug/l	98
28) Bromochloromethane	7.338	49	21795	22.996	ug/l	98
29) Tetrahydrofuran	7.344	42	23158	102.591	ug/l	97
30) Chloroform	7.508	83	54633	22.537	ug/l	99
31) Cyclohexane	7.789	56	46170	21.590	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	45928	22.095	ug/l	98
36) 1,1-Dichloropropene	7.917	75	41622	21.696	ug/l	99
37) Ethyl Acetate	7.075	43	17284	20.953	ug/l	99
38) Carbon Tetrachloride	7.905	117	40983	21.799	ug/l	99
39) Methylcyclohexane	9.185	83	48926	21.204	ug/l	97
40) Benzene	8.161	78	123238	22.120	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11218	25.427	ug/l #	83
42) 1,2-Dichloroethane	8.240	62	31134	21.555	ug/l	99
43) Isopropyl Acetate	8.277	43	31405	20.393	ug/l	98
44) Trichloroethene	8.941	130	31023	21.710	ug/l	99
45) 1,2-Dichloropropane	9.221	63	31112	22.751	ug/l	98
46) Dibromomethane	9.307	93	15473	21.306	ug/l	98
47) Bromodichloromethane	9.502	83	40405	21.869	ug/l	93
48) Methyl methacrylate	9.295	41	17655	20.648	ug/l	99
49) 1,4-Dioxane	9.301	88	3122	437.092	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	82006	100.107	ug/l	99
52) Toluene	10.246	92	73887	21.911	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	35775	21.196	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	44409	21.393	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	21467	21.149	ug/l	97
56) Ethyl methacrylate	10.514	69	18100	20.392	ug/l	98
57) 1,3-Dichloropropane	10.794	76	36499	21.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	65676	106.593	ug/l	99
59) 2-Hexanone	10.837	43	66836	106.944	ug/l	99
60) Dibromochloromethane	10.989	129	24729	20.970	ug/l	100
61) 1,2-Dibromoethane	11.093	107	19078	20.690	ug/l	99
64) Tetrachloroethene	10.727	164	24705	21.317	ug/l	96
65) Chlorobenzene	11.520	112	75855	21.529	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.599	131	27834	21.627	ug/l	99
67) Ethyl Benzene	11.599	91	137143	21.411	ug/l	97
68) m/p-Xylenes	11.709	106	104626	43.475	ug/l	98
69) o-Xylene	12.038	106	47118	21.554	ug/l	98
70) Styrene	12.050	104	69206	21.807	ug/l	99
71) Bromoform	12.215	173	12863	19.932	ug/l #	97
73) Isopropylbenzene	12.337	105	128549	21.904	ug/l	100
74) N-amyl acetate	12.148	43	24796	20.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	23309	20.829	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	28604	33.011	ug/l #	100
77) Bromobenzene	12.617	156	27813	21.902	ug/l	99
78) n-propylbenzene	12.678	91	160398	22.723	ug/l	100
79) 2-Chlorotoluene	12.764	91	86102	22.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	104560	22.512	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	6469	19.328	ug/l	98
82) 4-Chlorotoluene	12.861	91	89969	22.411	ug/l	99
83) tert-Butylbenzene	13.081	119	89869	22.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	101498	21.987	ug/l	99
85) sec-Butylbenzene	13.263	105	135146	22.718	ug/l	100
86) p-Isopropyltoluene	13.373	119	110503	22.300	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	53789	21.454	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	53930	21.863	ug/l	98
89) n-Butylbenzene	13.702	91	107268	22.443	ug/l	99
90) Hexachloroethane	13.964	117	23447	22.702	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	45972	21.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2726	19.073	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	23480	20.986	ug/l	98
94) Hexachlorobutadiene	15.123	225	14656	21.765	ug/l	99
95) Naphthalene	15.245	128	38344	19.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19625	21.083	ug/l	100

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ClientSampleId :
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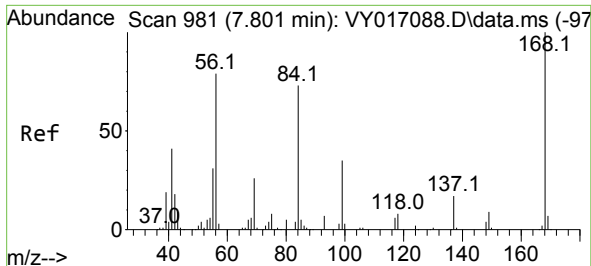
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QLast Update : Thu Jan 25 04:44:10 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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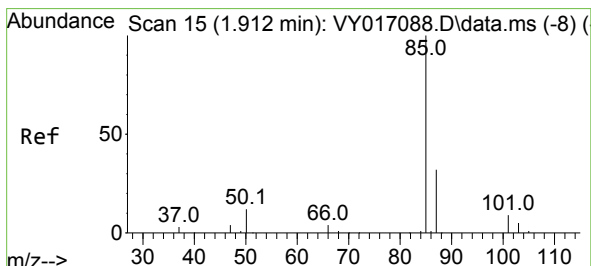
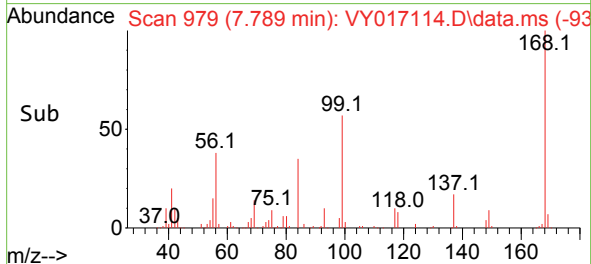
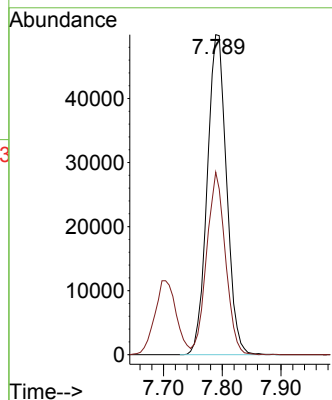
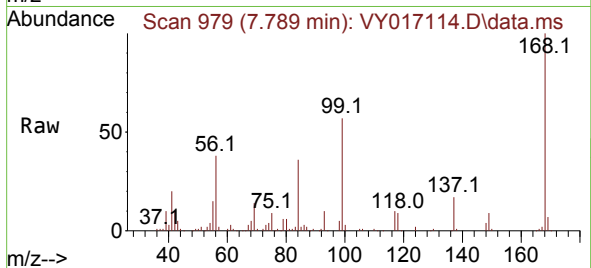




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017114.D
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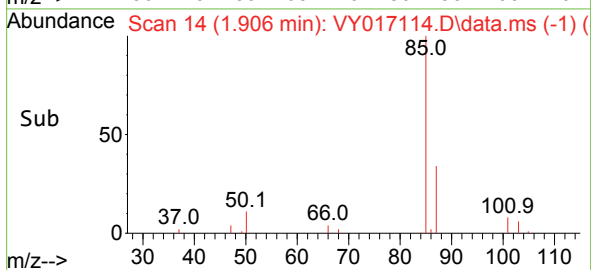
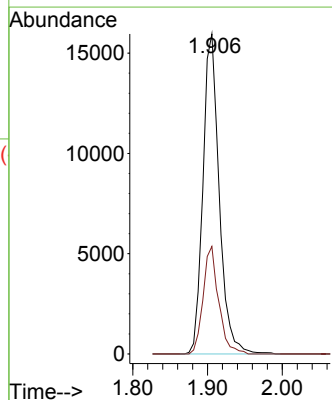
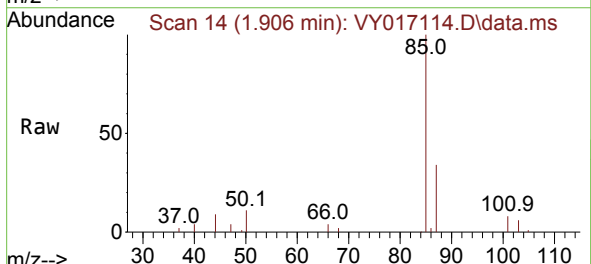
Instrument :
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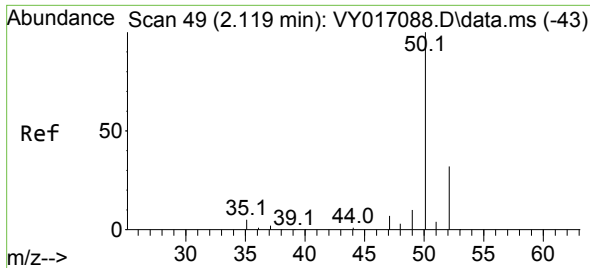
Tgt Ion:168 Resp: 114256
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 26.497 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 85 Resp: 24095
Ion Ratio Lower Upper
85 100
87 33.6 17.1 51.3

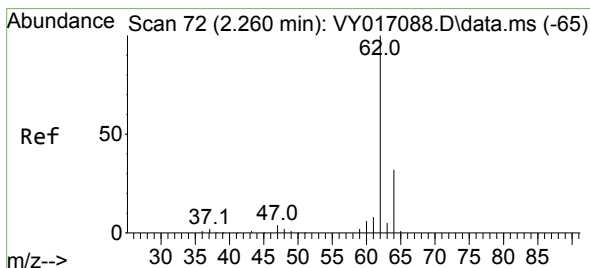
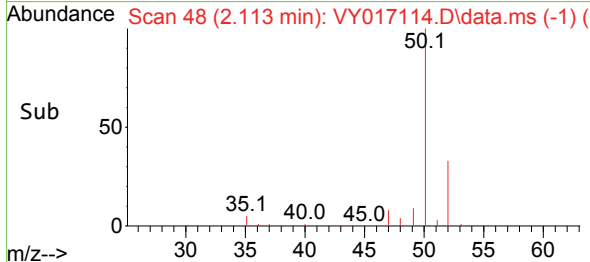
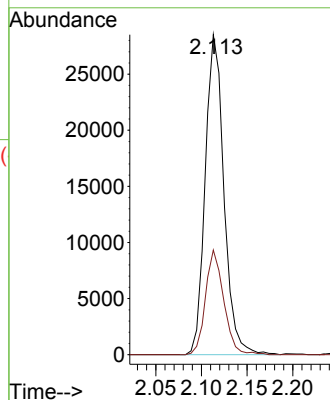
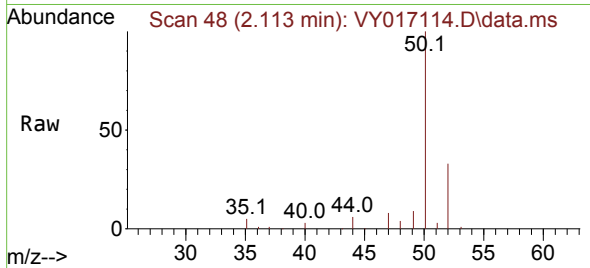




#3
Chloromethane
Concen: 25.648 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

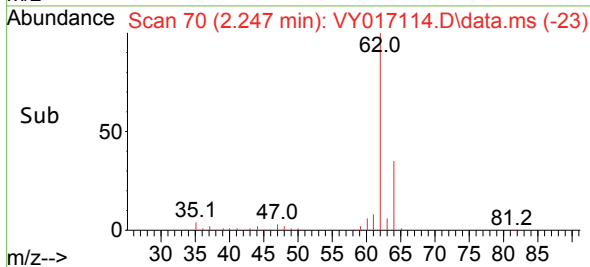
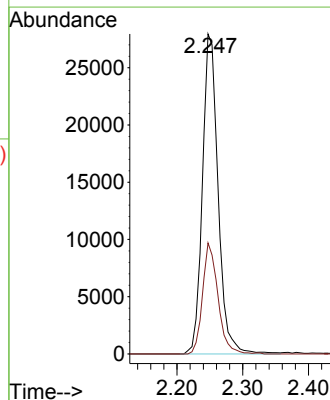
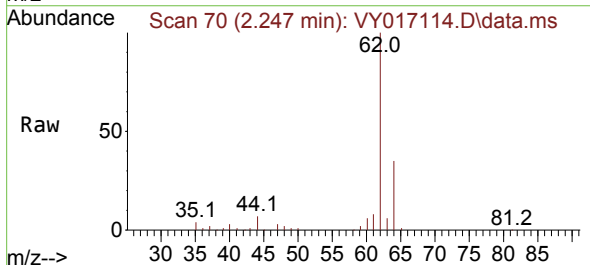
Instrument :
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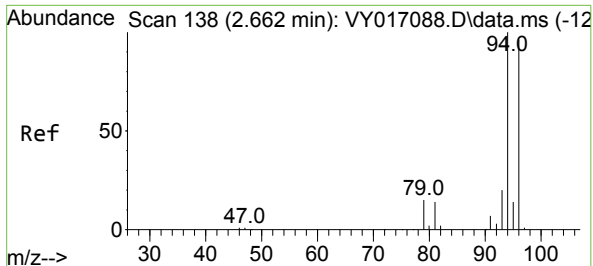
Tgt Ion: 50 Resp: 40526
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1



#4
Vinyl Chloride
Concen: 25.879 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 62 Resp: 46366
Ion Ratio Lower Upper
62 100
64 34.7 25.7 38.5

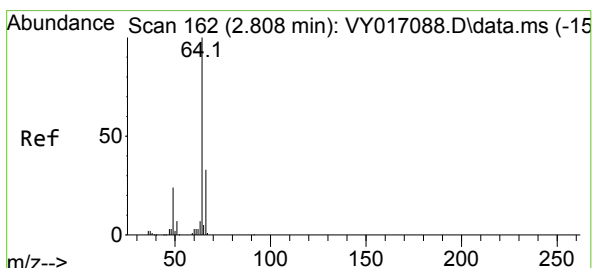
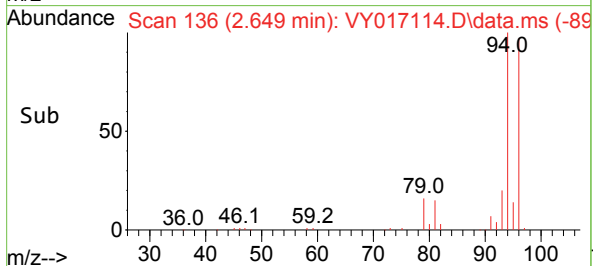
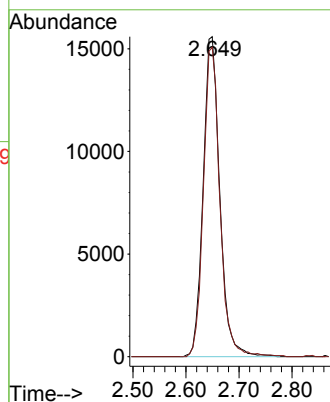
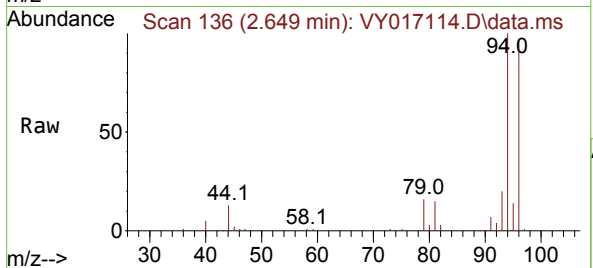




#5
Bromomethane
Concen: 25.806 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

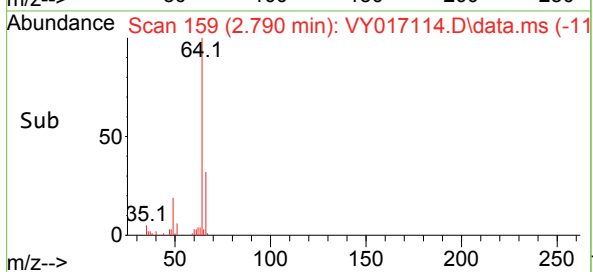
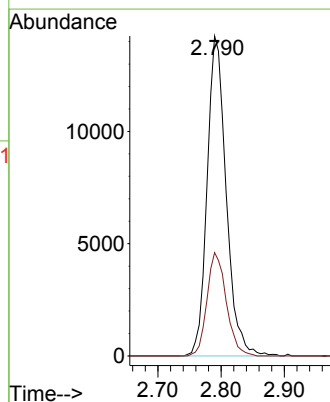
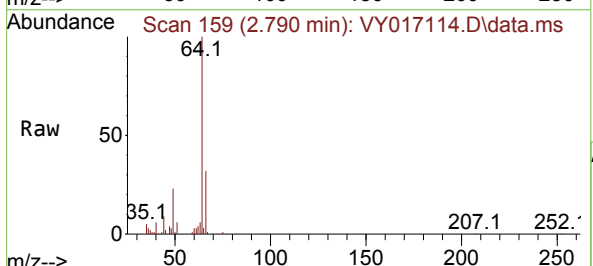
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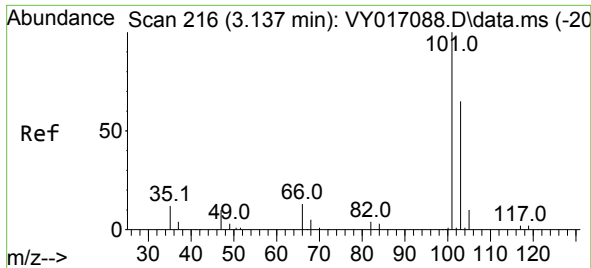
Tgt Ion: 94 Resp: 33953
Ion Ratio Lower Upper
94 100
96 96.7 77.3 115.9



#6
Chloroethane
Concen: 25.751 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 64 Resp: 29850
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

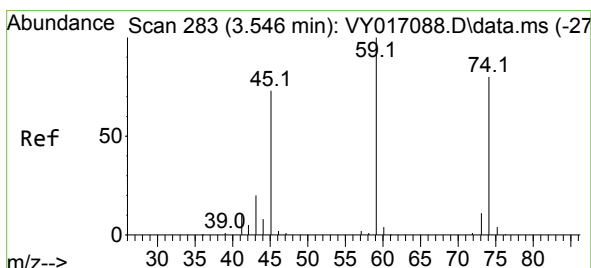
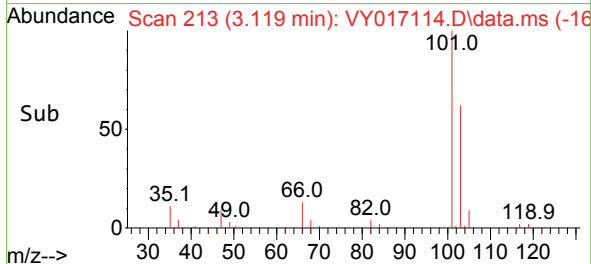
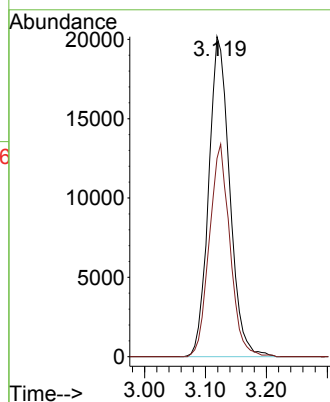
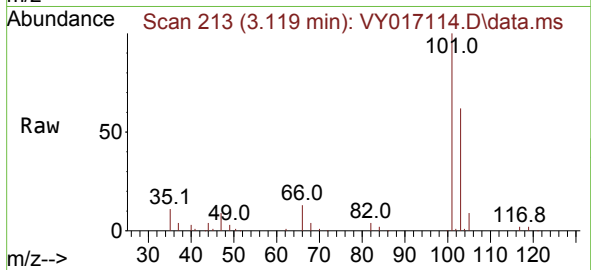




#7
 Trichlorofluoromethane
 Concen: 23.842 ug/l
 RT: 3.119 min Scan# 216
 Delta R.T. -0.018 min
 Lab File: VY017114.D
 Acq: 26 Jan 2024 12:01

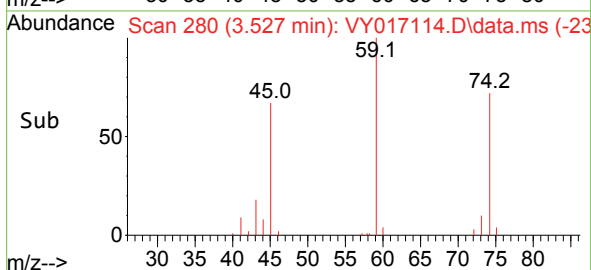
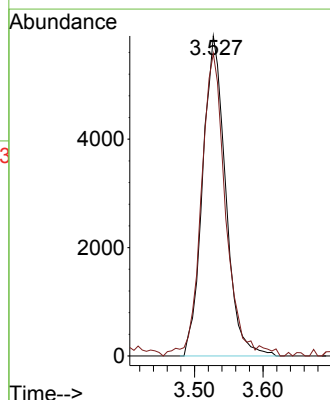
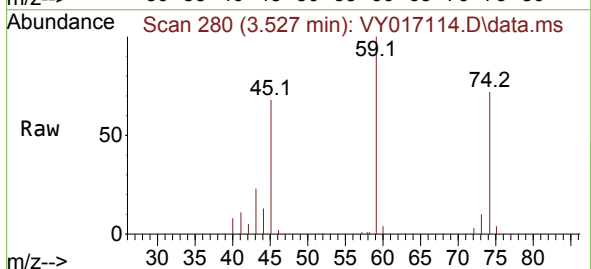
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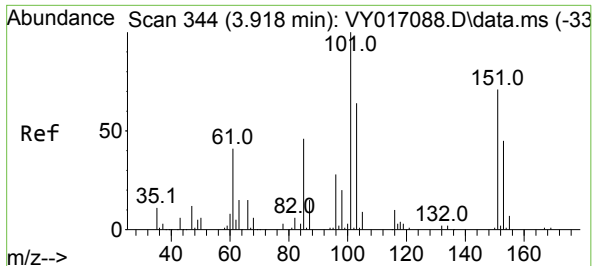
Tgt Ion:101 Resp: 48309
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.946 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.013 min
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Tgt Ion: 74 Resp: 13789
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.9 143.7

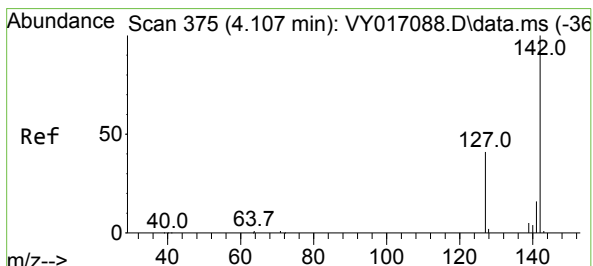
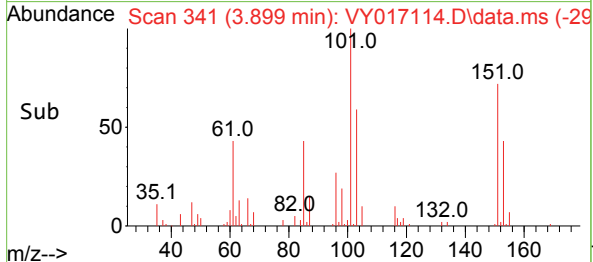
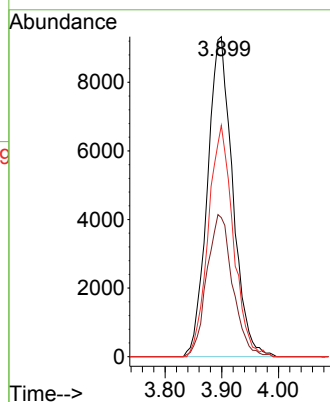
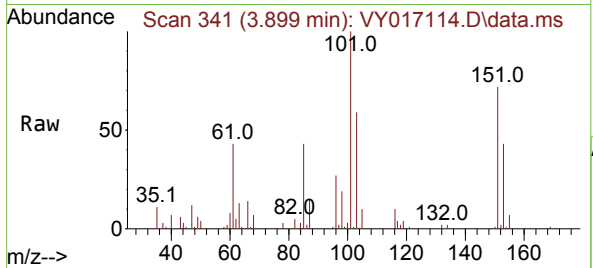




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.507 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
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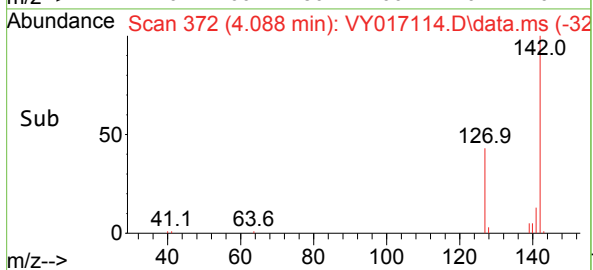
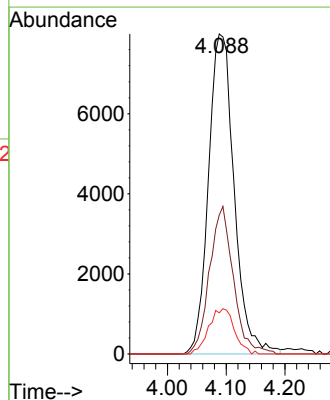
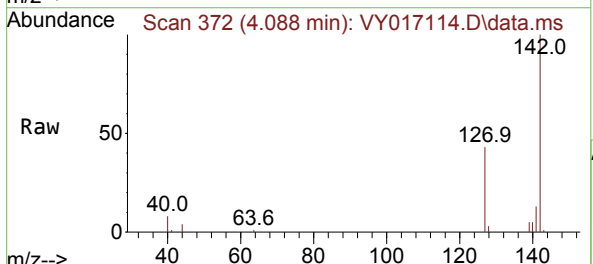
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

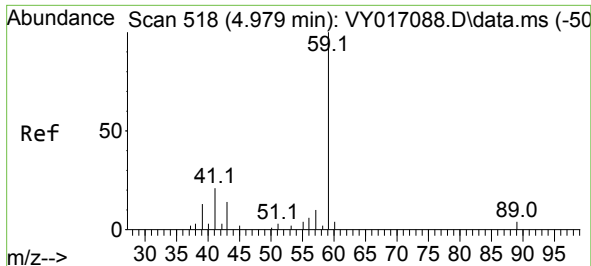
Tgt Ion:101 Resp: 28763
Ion Ratio Lower Upper
101 100
85 45.5 35.8 53.6
151 71.4 58.6 88.0



#10
Methyl Iodide
Concen: 19.980 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion:142 Resp: 24258
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.1 11.8 17.6

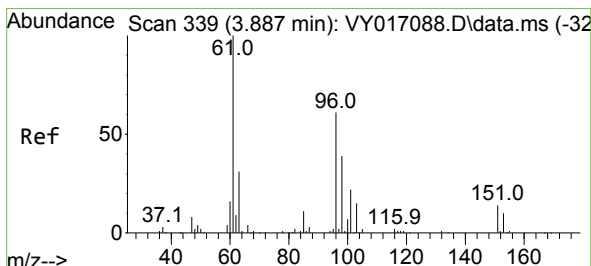
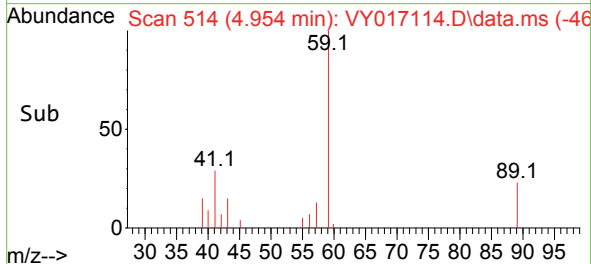
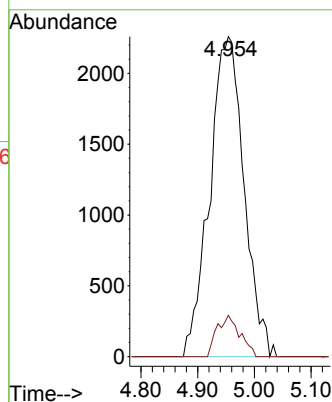
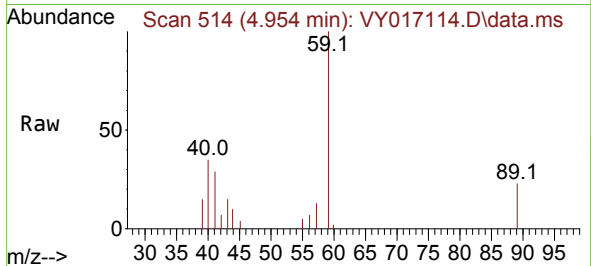




#11
Tert butyl alcohol
Concen: 110.832 ug/l
RT: 4.954 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

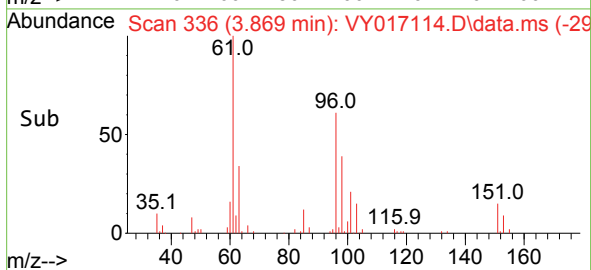
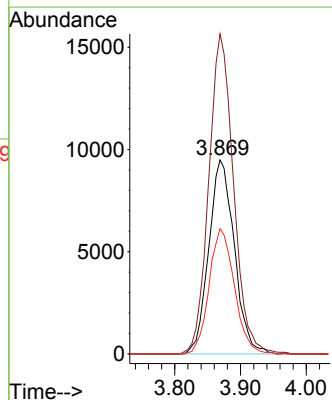
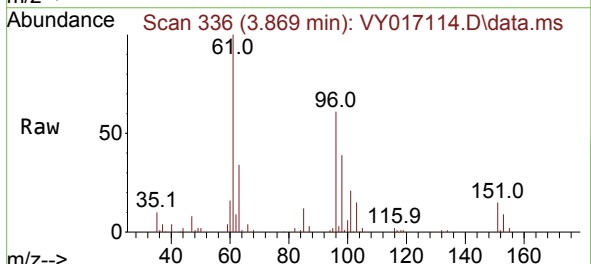
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

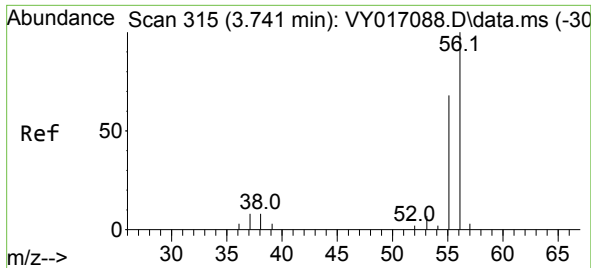
Tgt Ion: 59 Resp: 9486
Ion Ratio Lower Upper
59 100
57 8.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 21.950 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 96 Resp: 25678
Ion Ratio Lower Upper
96 100
61 164.9 124.2 186.2
98 64.6 52.6 79.0





#13

Acrolein

Concen: 103.066 ug/l

RT: 3.729 min Scan# 315

Delta R.T. -0.012 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

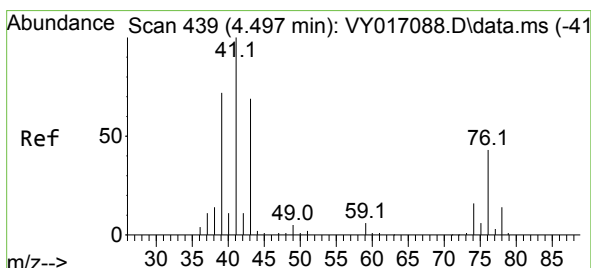
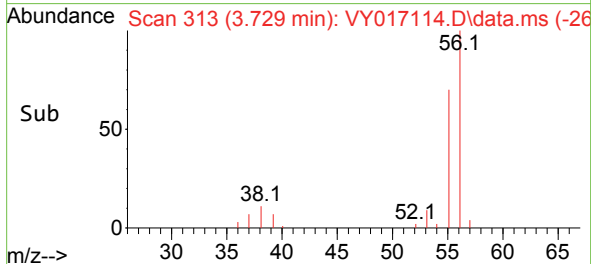
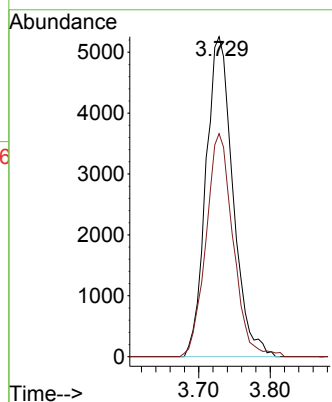
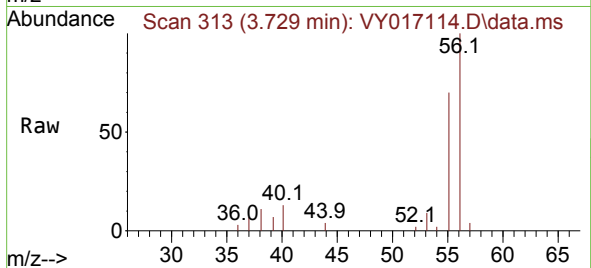
VY0126SBS01

Tgt Ion: 56 Resp: 13760

Ion Ratio Lower Upper

56 100

55 70.1 55.4 83.0



#14

Allyl chloride

Concen: 22.286 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.019 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

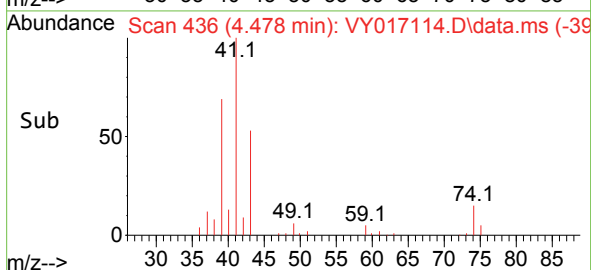
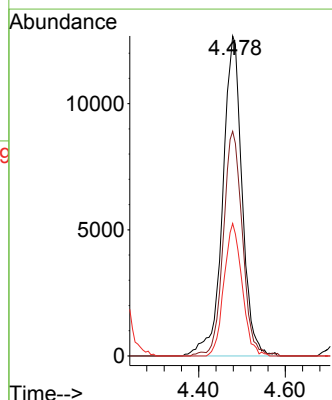
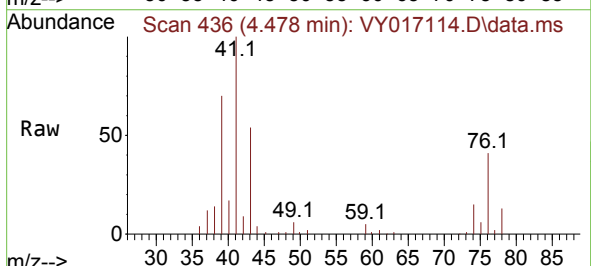
Tgt Ion: 41 Resp: 39407

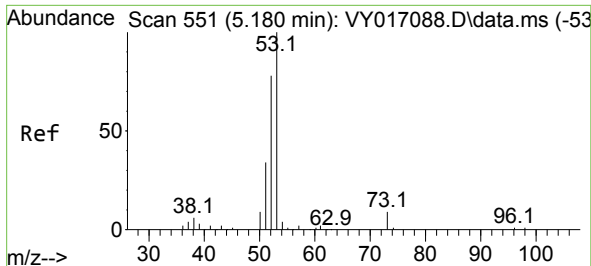
Ion Ratio Lower Upper

41 100

39 68.9 54.7 82.1

76 38.8 31.8 47.6

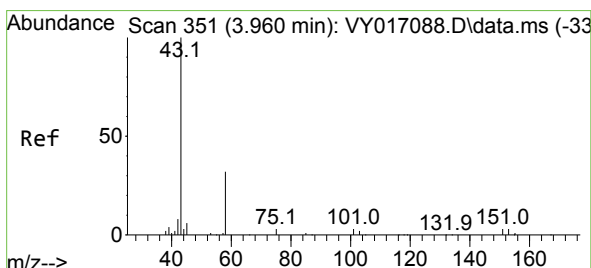
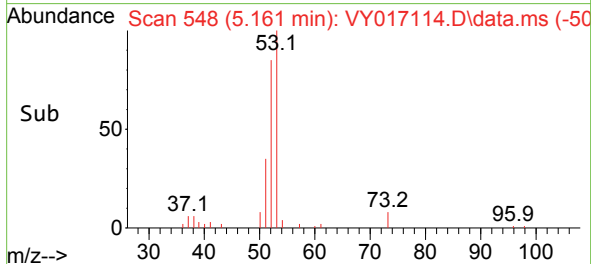
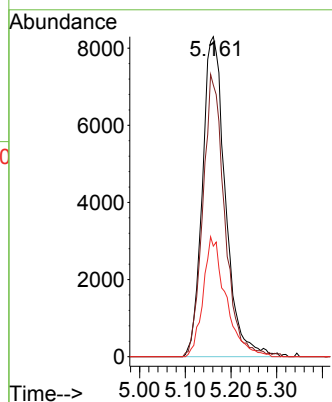
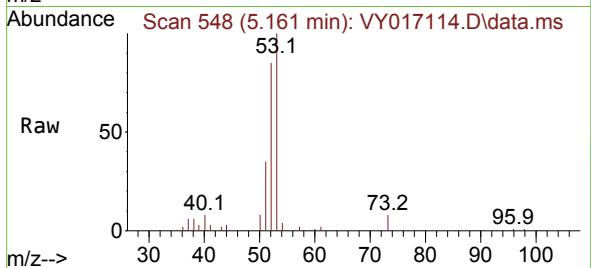




#15
Acrylonitrile
Concen: 101.426 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

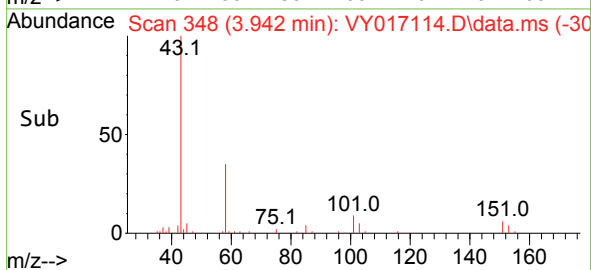
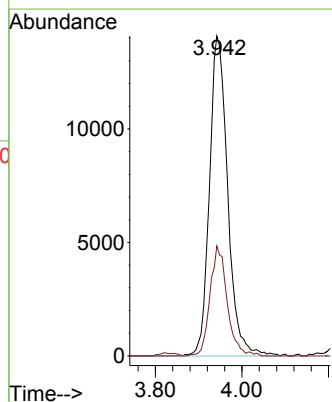
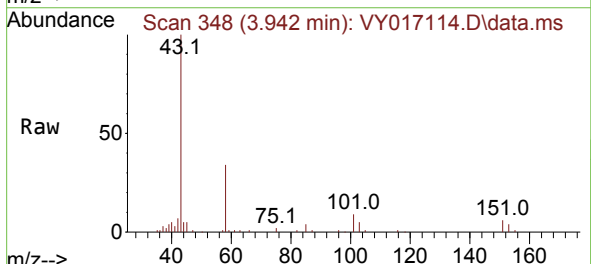
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

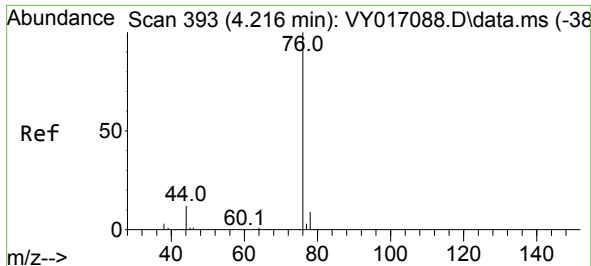
Tgt Ion:	53	Resp:	28978
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.1	97.7
51	37.3	29.0	43.4



#16
Acetone
Concen: 119.458 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion:	43	Resp:	41214
Ion	Ratio	Lower	Upper
43	100		
58	34.4	26.6	39.8





#17

Carbon Disulfide

Concen: 21.049 ug/l

RT: 4.192 min Scan# 393

Delta R.T. -0.018 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

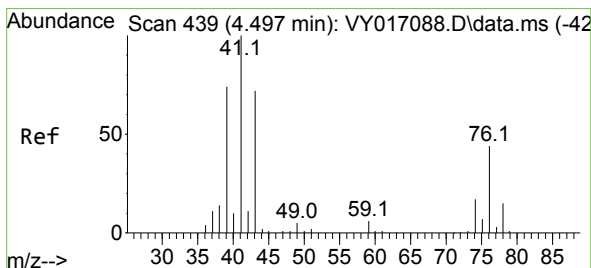
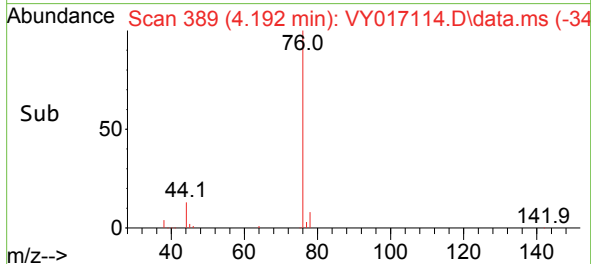
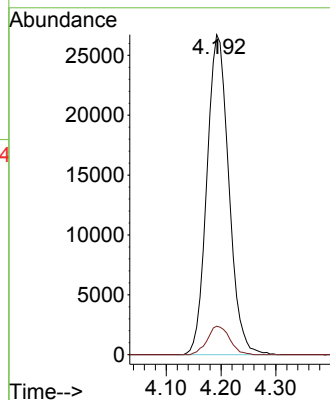
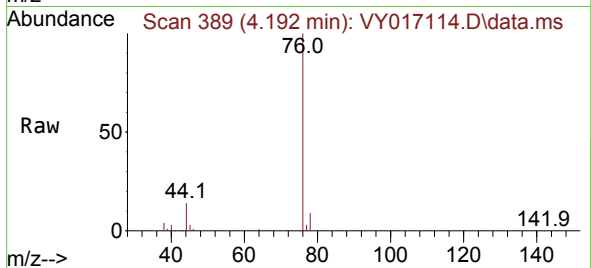
VY0126SBS01

Tgt Ion: 76 Resp: 74218

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 20.079 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.025 min

Lab File: VY017114.D

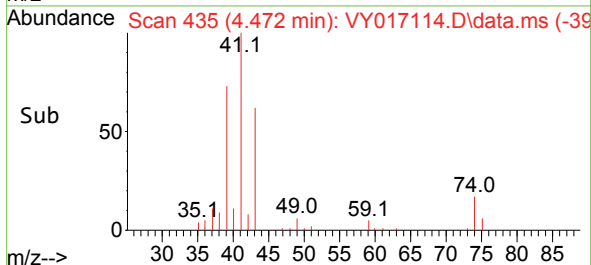
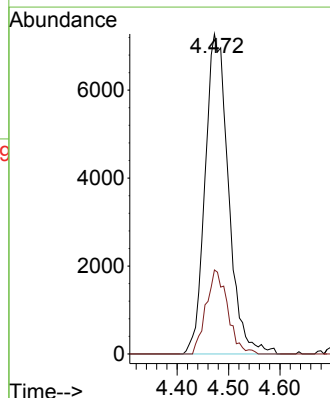
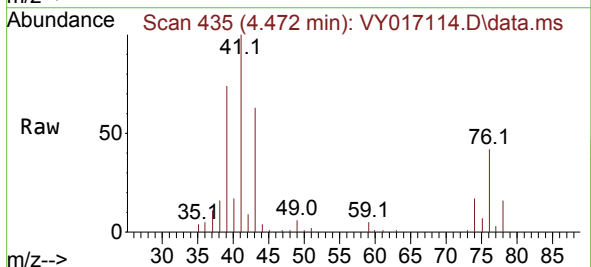
Acq: 26 Jan 2024 12:01

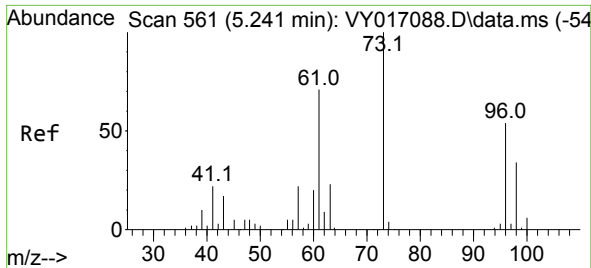
Tgt Ion: 43 Resp: 22930

Ion Ratio Lower Upper

43 100

74 24.3 19.8 29.6

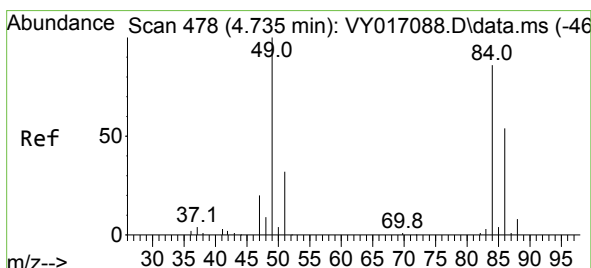
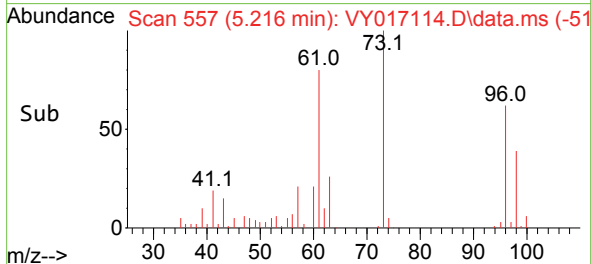
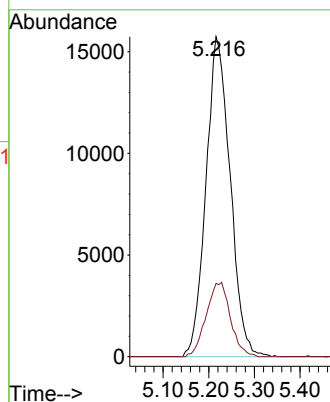
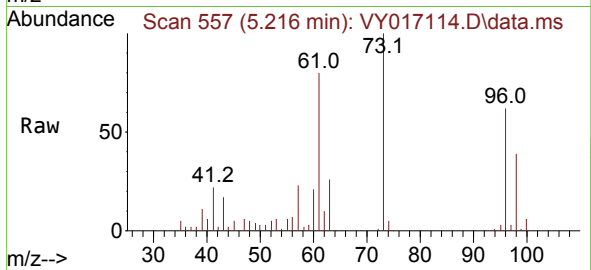




#19
Methyl tert-butyl Ether
Concen: 20.250 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

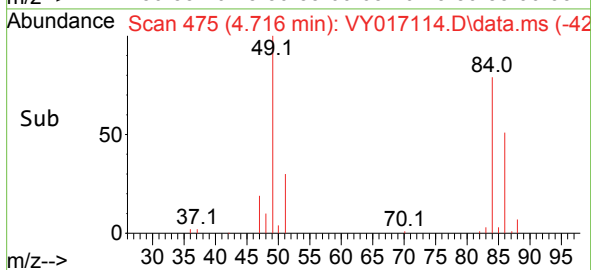
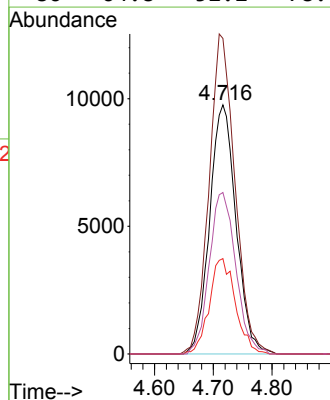
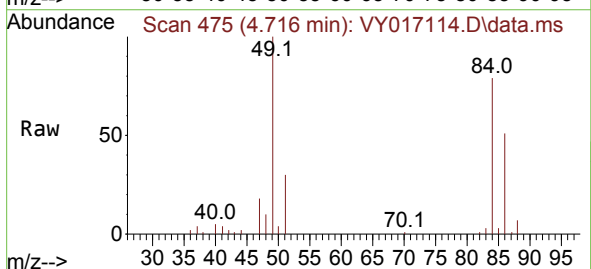
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

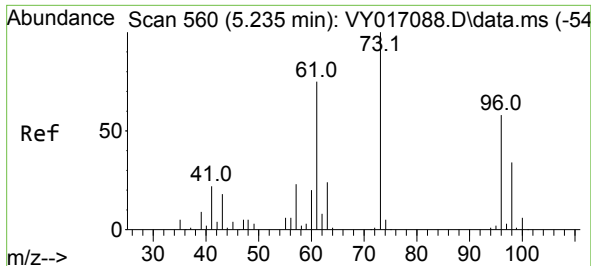
Tgt Ion: 73 Resp: 57809
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 21.099 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 84 Resp: 30463
Ion Ratio Lower Upper
84 100
49 126.6 95.2 142.8
51 38.2 29.9 44.9
86 64.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.907 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

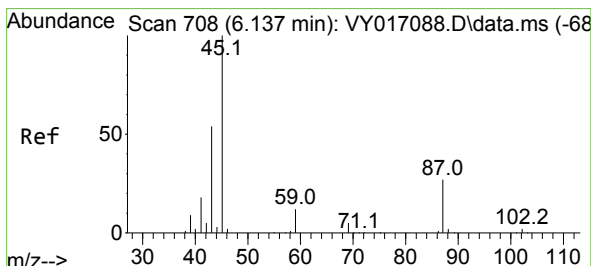
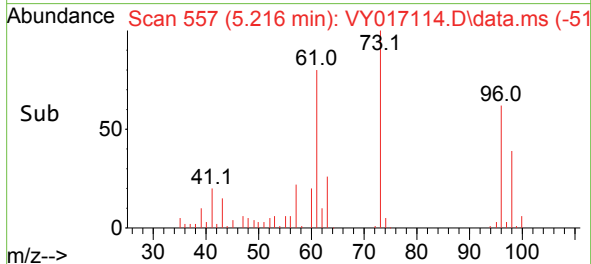
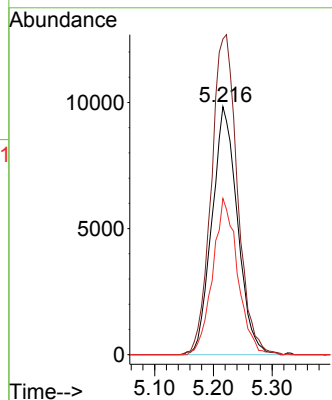
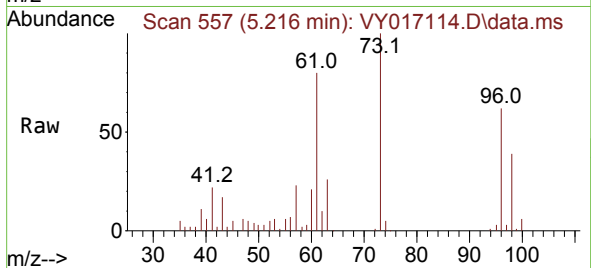
Tgt Ion: 96 Resp: 29644

Ion Ratio Lower Upper

96 100

61 127.3 104.6 156.8

98 62.9 50.9 76.3



#22

Diisopropyl ether

Concen: 22.548 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.013 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Tgt Ion: 45 Resp: 88006

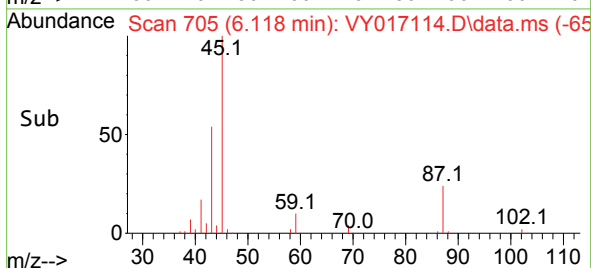
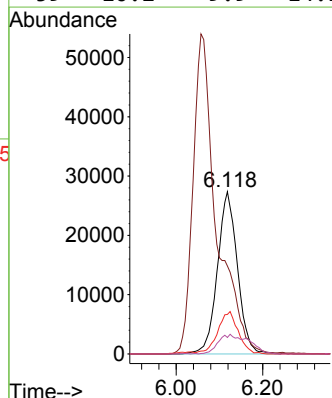
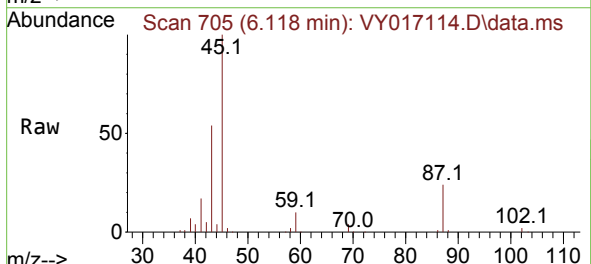
Ion Ratio Lower Upper

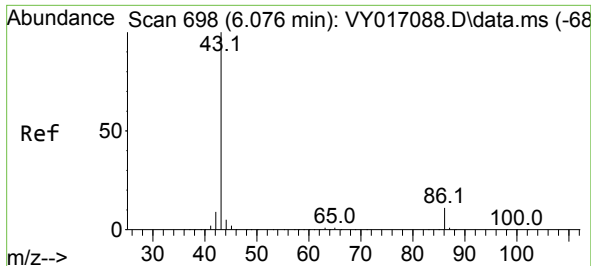
45 100

43 53.3 46.8 70.2

87 24.3 22.2 33.2

59 10.2 9.9 14.9

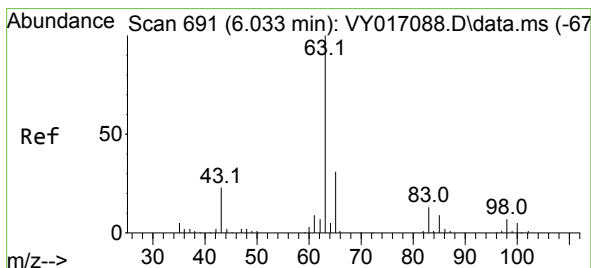
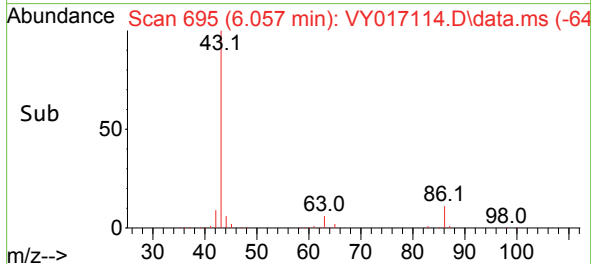
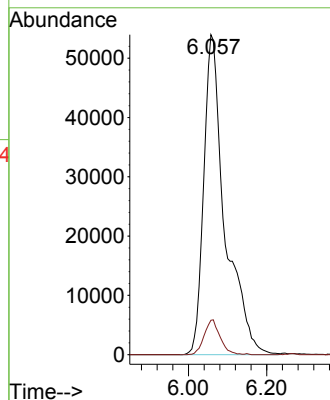
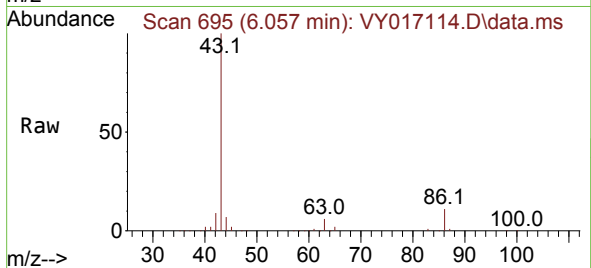




#23
Vinyl Acetate
Concen: 107.010 ug/l
RT: 6.057 min Scan# 61
Delta R.T. -0.019 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

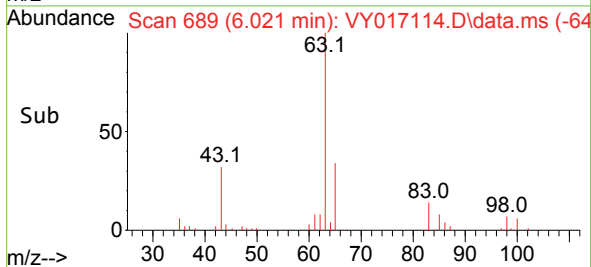
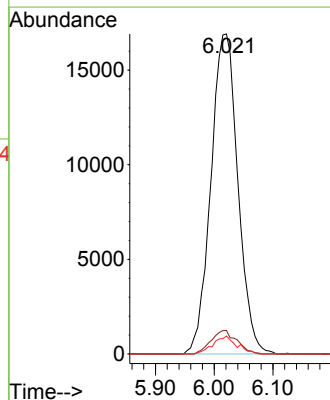
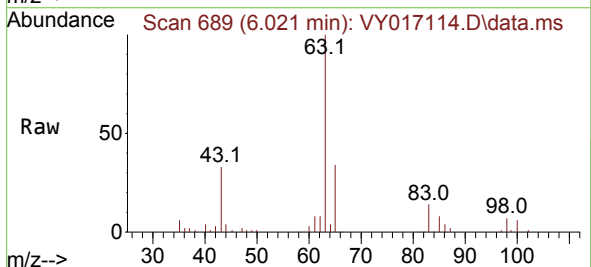
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

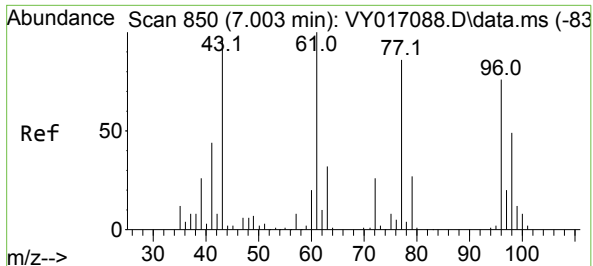
Tgt Ion: 43 Resp: 202602
Ion Ratio Lower Upper
43 100
86 10.7 8.6 13.0



#24
1,1-Dichloroethane
Concen: 22.683 ug/l
RT: 6.021 min Scan# 689
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 63 Resp: 54000
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.4
100 5.6 2.1 6.2

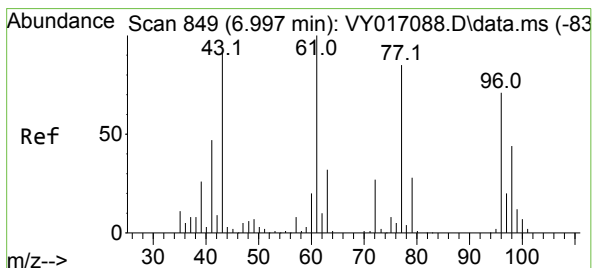
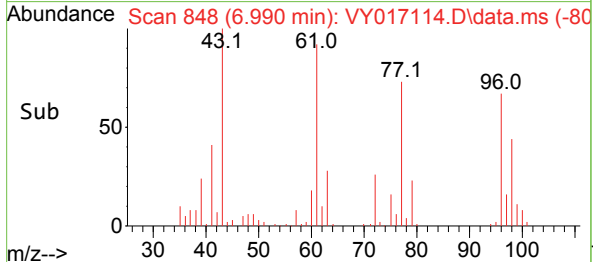
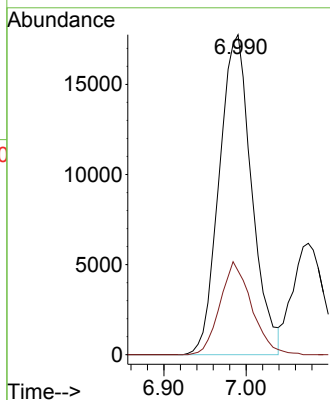
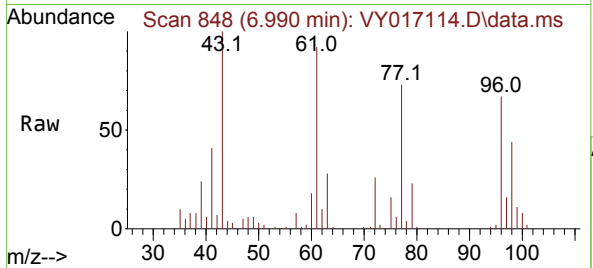




#25
2-Butanone
Concen: 108.342 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

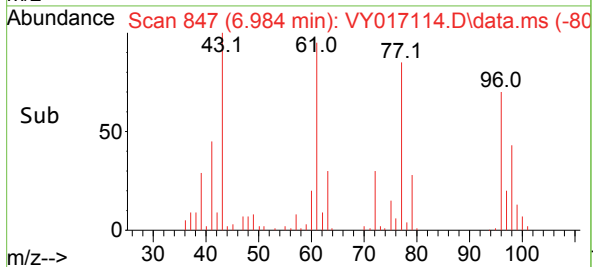
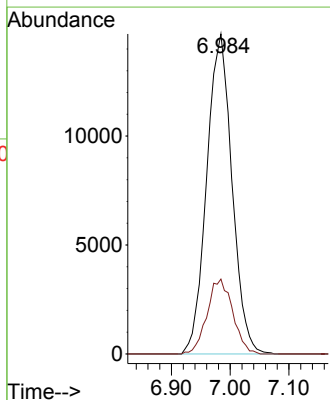
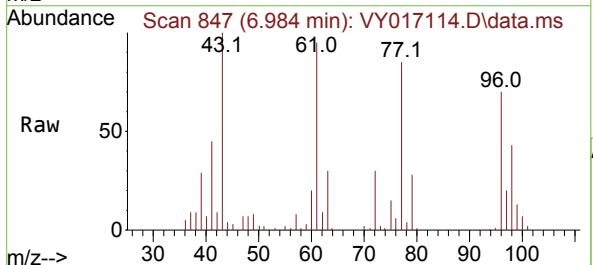
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

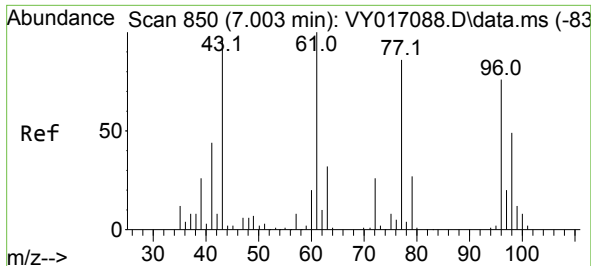
Tgt Ion: 43 Resp: 48740
Ion Ratio Lower Upper
43 100
72 26.2 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.593 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 77 Resp: 43905
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.944 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

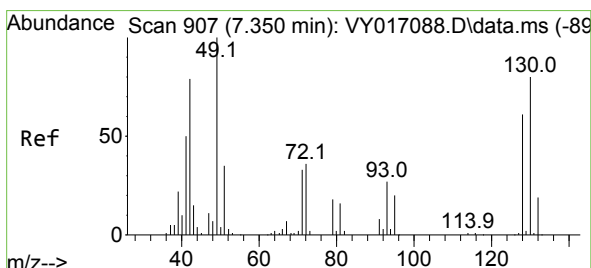
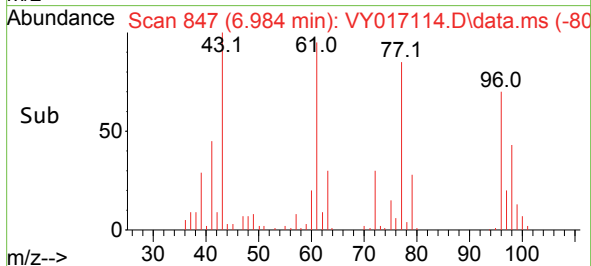
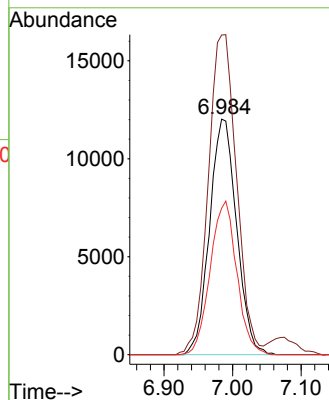
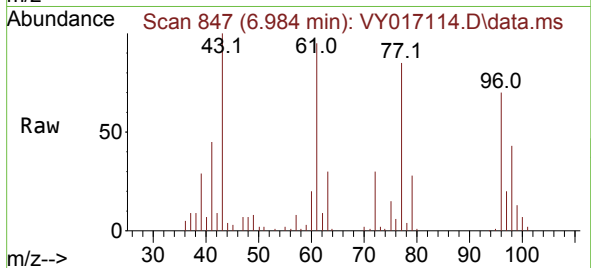
Tgt Ion: 96 Resp: 32905

Ion Ratio Lower Upper

96 100

61 142.1 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 22.996 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

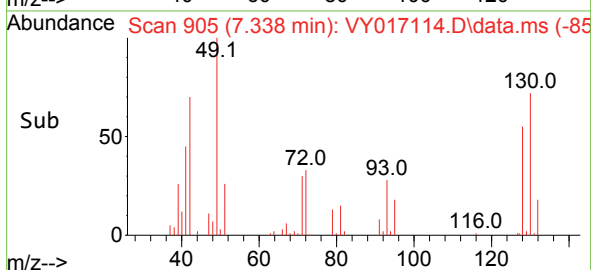
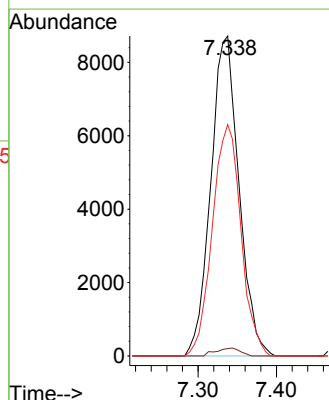
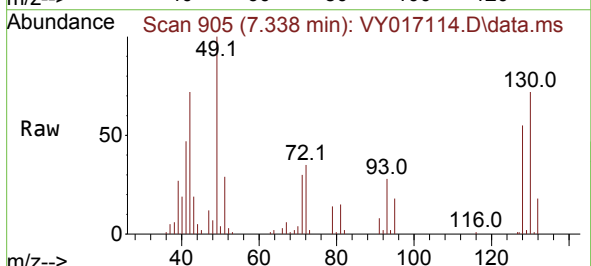
Tgt Ion: 49 Resp: 21795

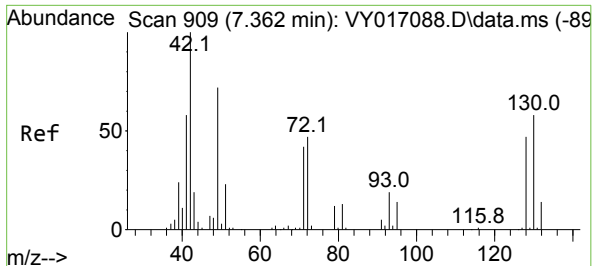
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 73.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 102.591 ug/l

RT: 7.344 min Scan# 909

Delta R.T. -0.018 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

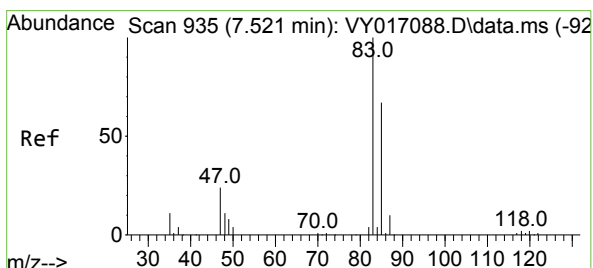
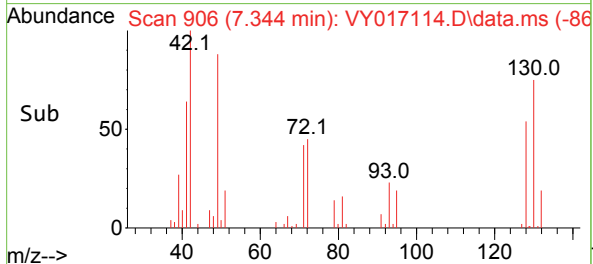
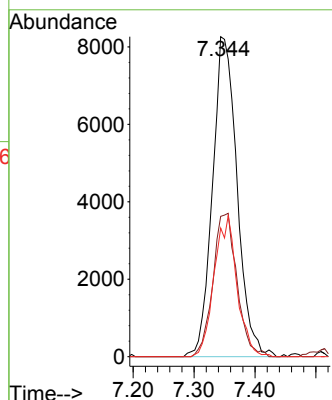
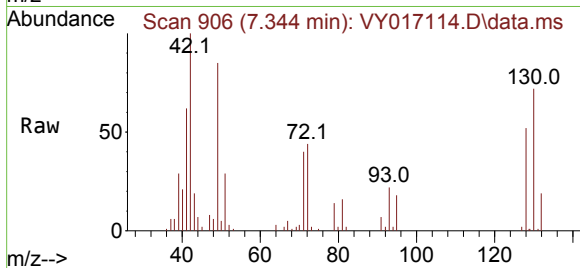
Tgt Ion: 42 Resp: 23158

Ion Ratio Lower Upper

42 100

72 43.8 36.6 54.8

71 40.9 33.8 50.6



#30

Chloroform

Concen: 22.537 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.013 min

Lab File: VY017114.D

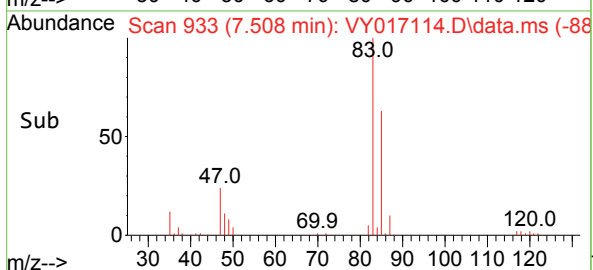
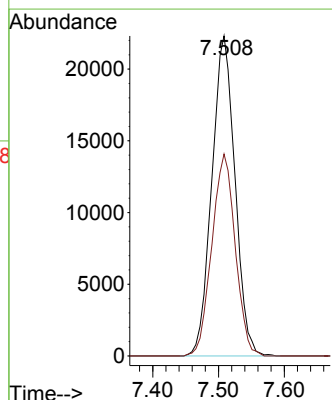
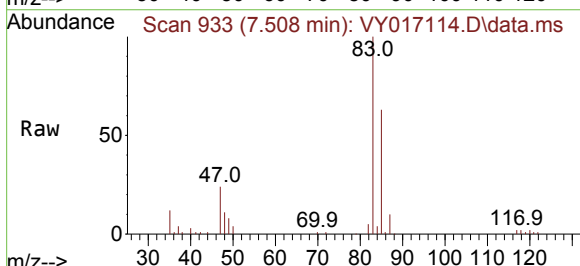
Acq: 26 Jan 2024 12:01

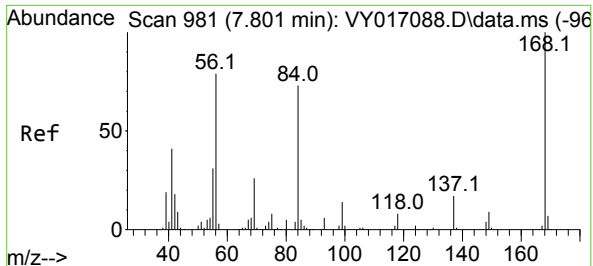
Tgt Ion: 83 Resp: 54633

Ion Ratio Lower Upper

83 100

85 63.1 51.2 76.8

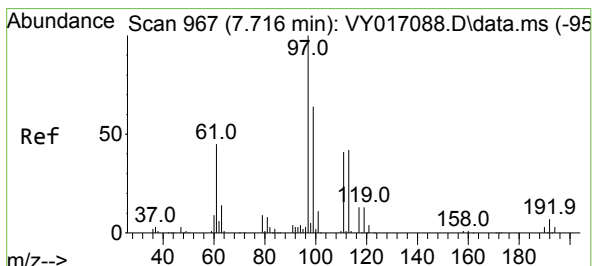
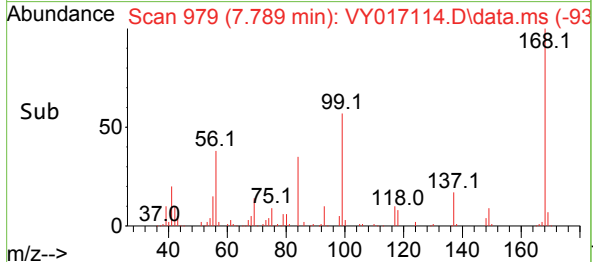
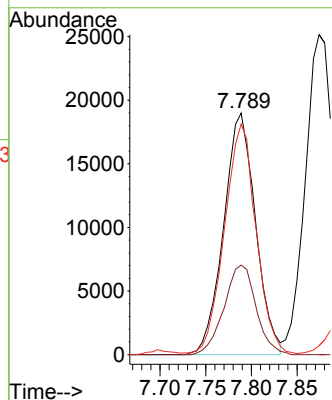
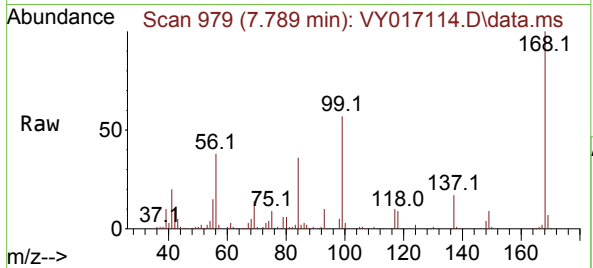




#31
Cyclohexane
Concen: 21.590 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

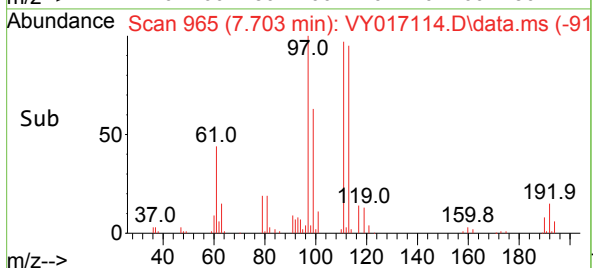
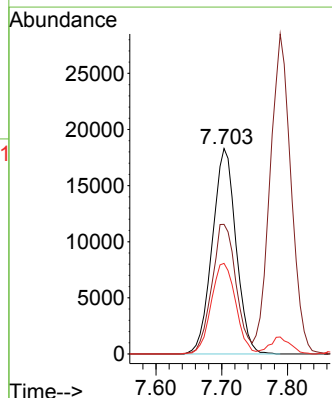
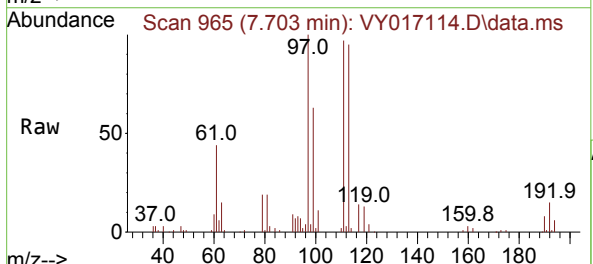
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

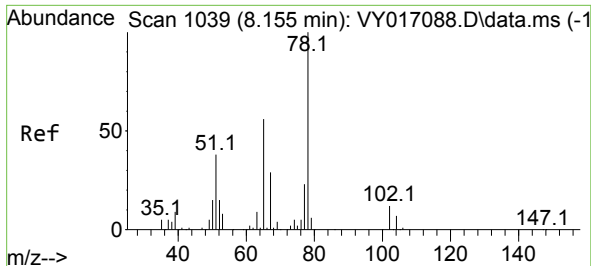
Tgt Ion: 56 Resp: 46170
Ion Ratio Lower Upper
56 100
69 37.1 27.0 40.6
84 94.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.095 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.013 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 97 Resp: 45928
Ion Ratio Lower Upper
97 100
99 64.6 51.2 76.8
61 45.6 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 56.385 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.013 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

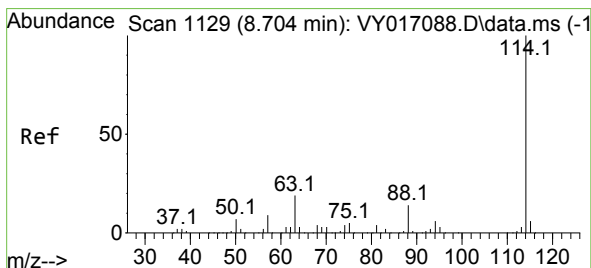
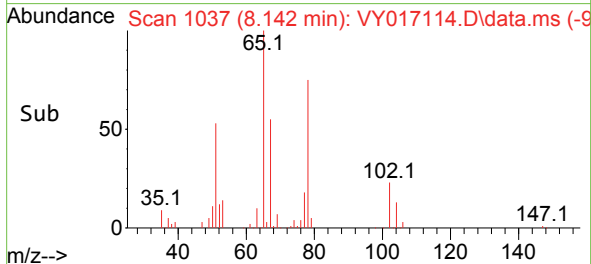
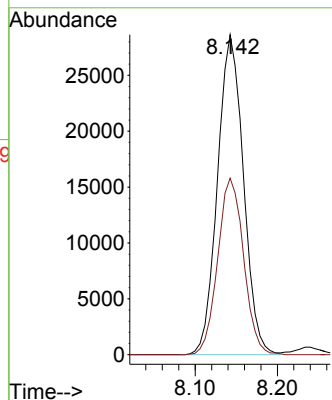
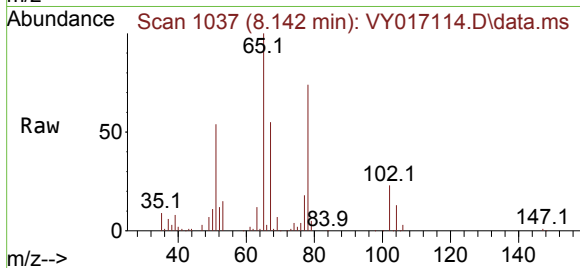
VY0126SBS01

Tgt Ion: 65 Resp: 62768

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

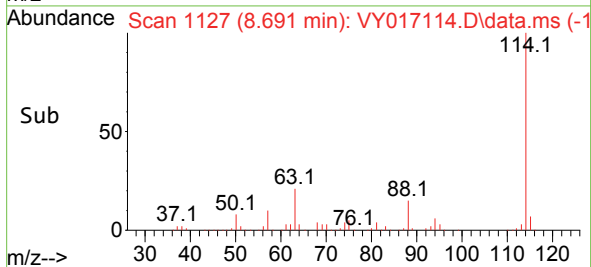
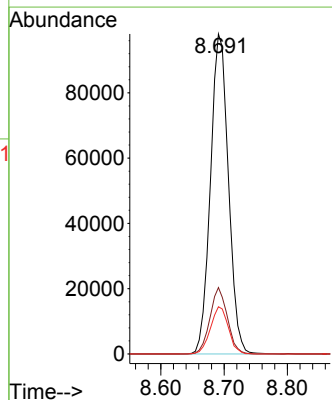
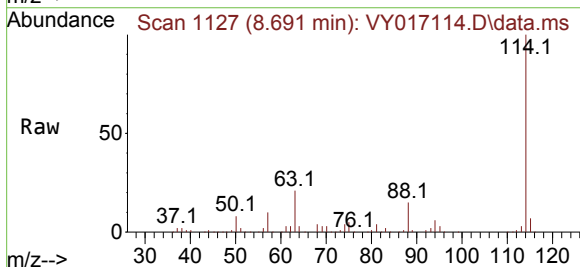
Tgt Ion: 114 Resp: 193193

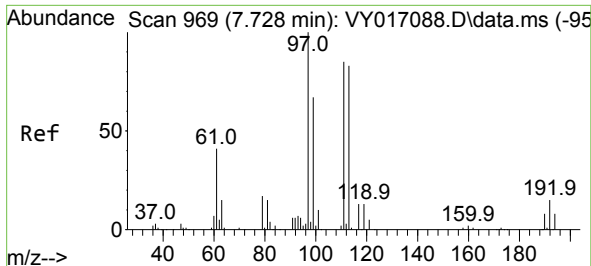
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.8 0.0 29.0

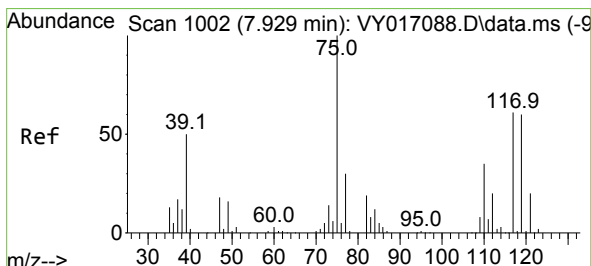
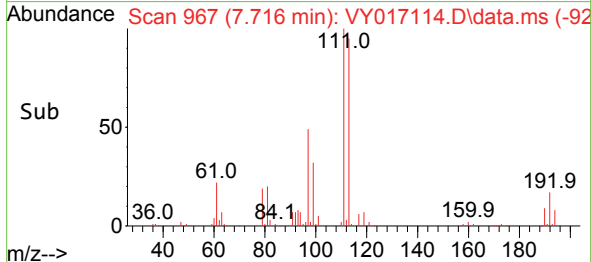
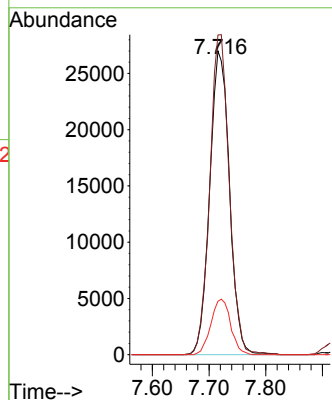
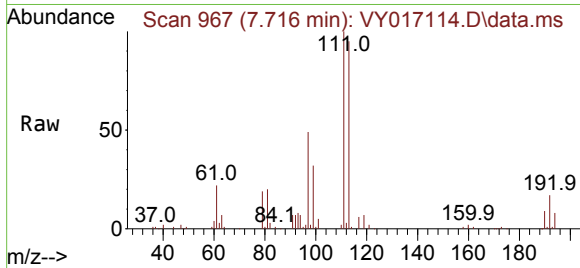




#35
Dibromofluoromethane
Concen: 56.057 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

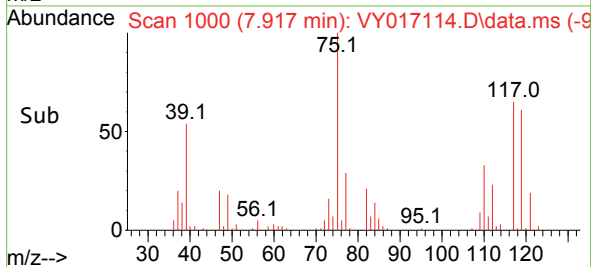
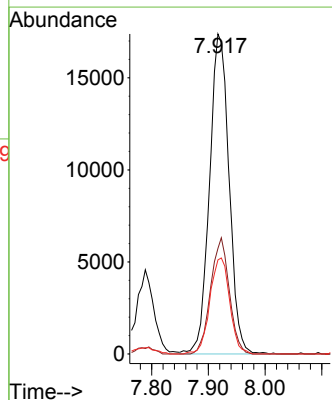
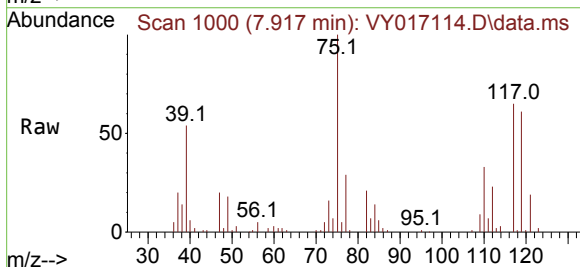
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

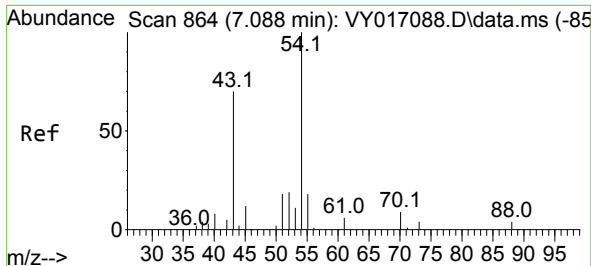
Tgt Ion:113 Resp: 65363
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.696 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 75 Resp: 41622
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 30.4 24.7 37.1





#37

Ethyl Acetate

Concen: 20.953 ug/l

RT: 7.075 min Scan# 8

Delta R.T. -0.013 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

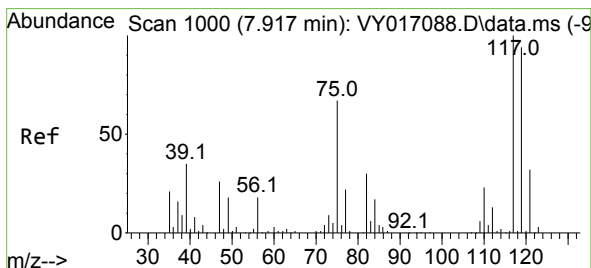
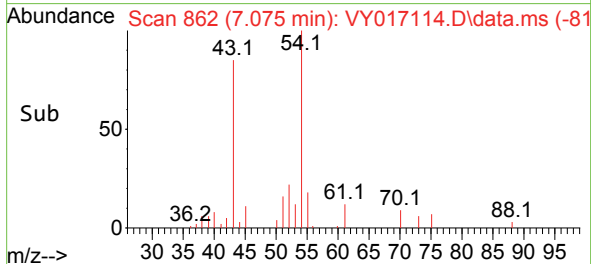
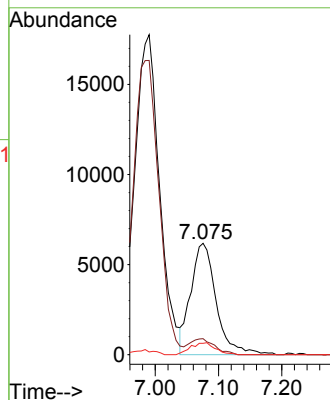
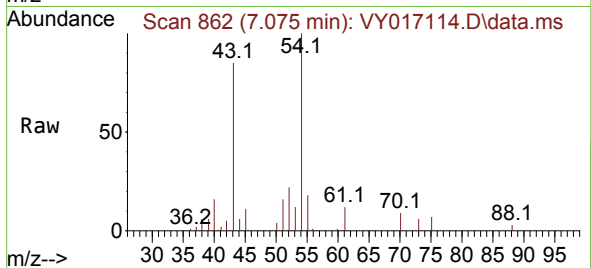
Tgt Ion: 43 Resp: 17284

Ion Ratio Lower Upper

43 100

61 14.0 11.0 16.6

70 10.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.799 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.012 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

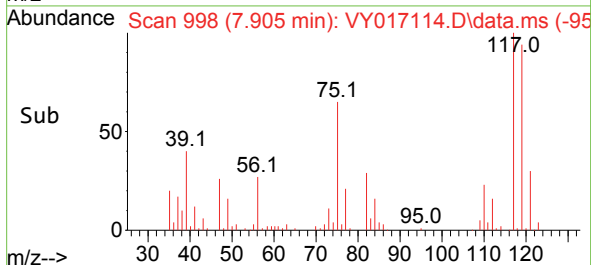
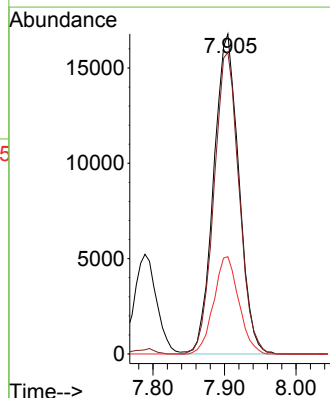
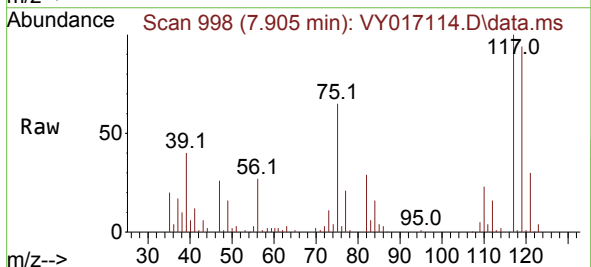
Tgt Ion: 117 Resp: 40983

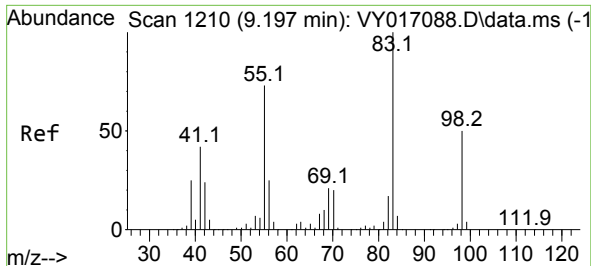
Ion Ratio Lower Upper

117 100

119 94.2 76.0 114.0

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 21.204 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

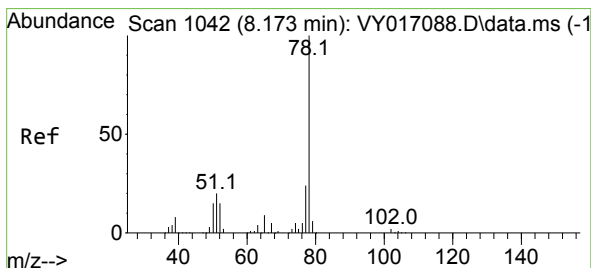
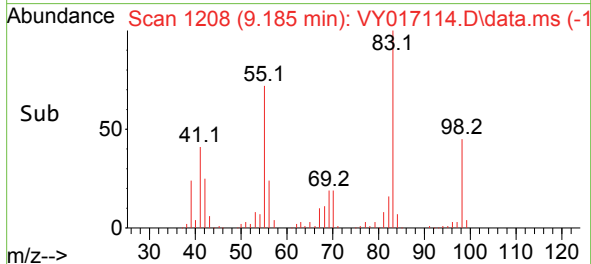
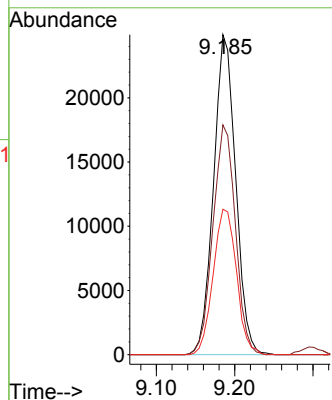
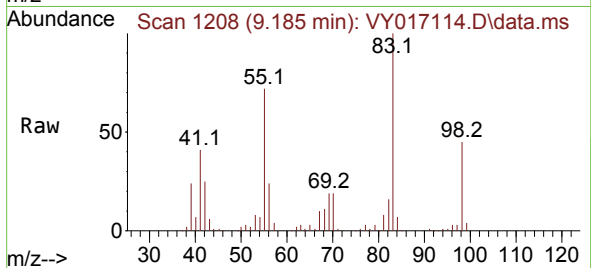
Tgt Ion: 83 Resp: 48926

Ion Ratio Lower Upper

83 100

55 71.8 59.7 89.5

98 45.4 38.0 57.0



#40

Benzene

Concen: 22.120 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY017114.D

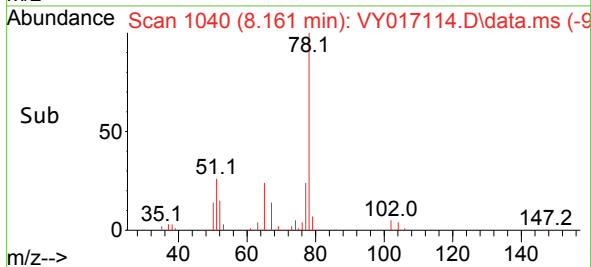
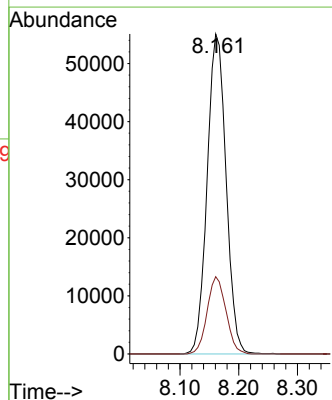
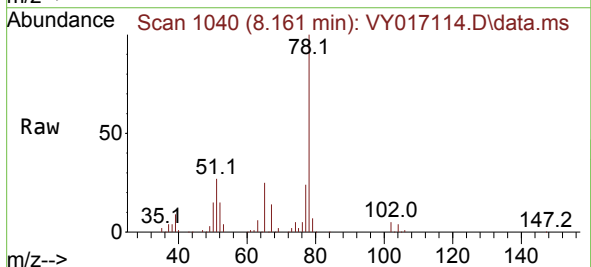
Acq: 26 Jan 2024 12:01

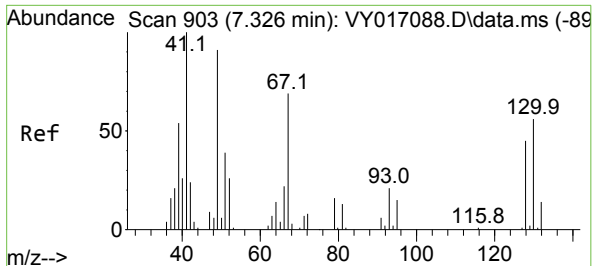
Tgt Ion: 78 Resp: 123238

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2



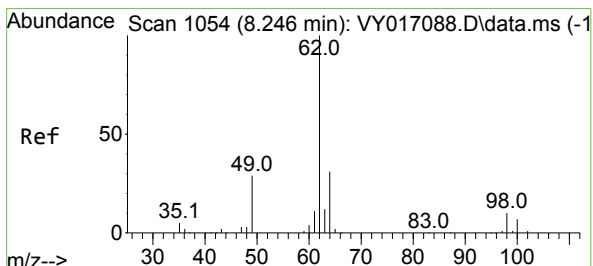
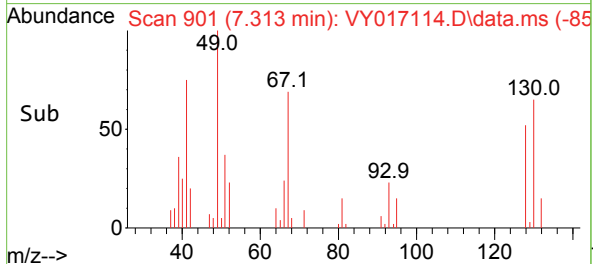
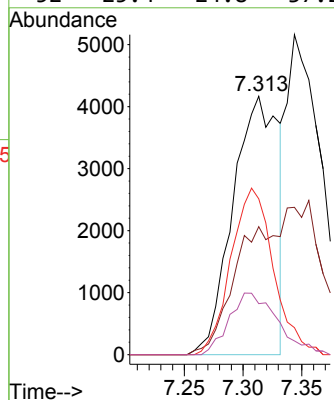
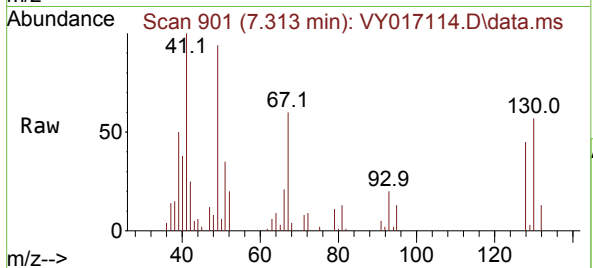


#41
Methacrylonitrile
Concen: 25.427 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

Tgt Ion: 41 Resp: 11218

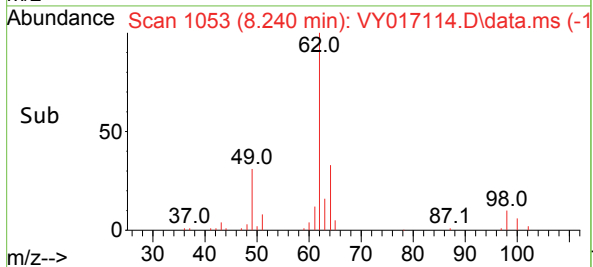
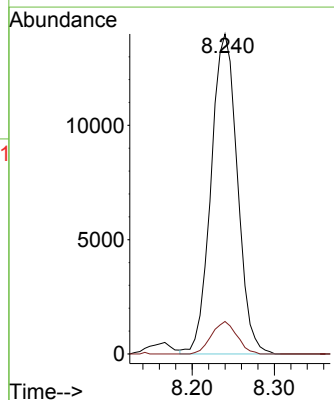
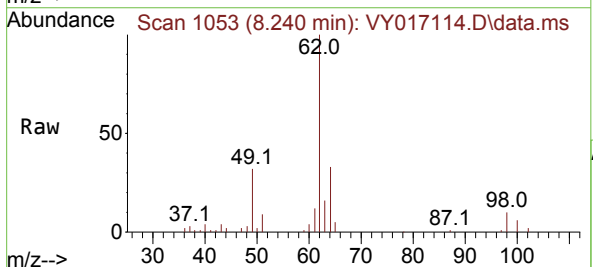
Ion	Ratio	Lower	Upper
41	100		
39	37.7	41.9	62.9#
67	60.4	59.8	89.6
52	25.4	24.8	37.2

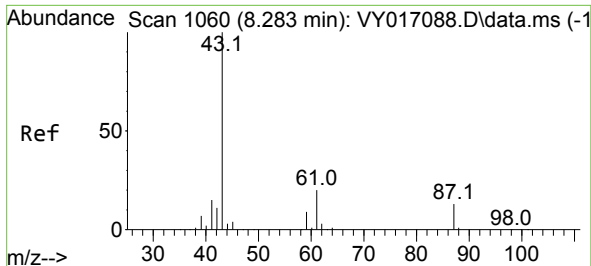


#42
1,2-Dichloroethane
Concen: 21.555 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 62 Resp: 31134

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

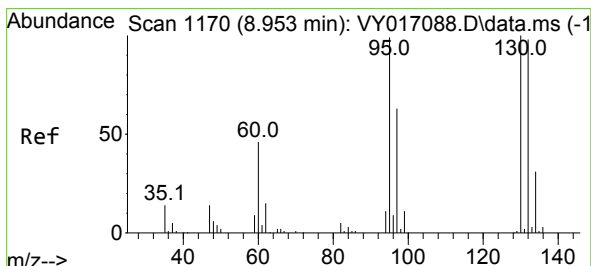
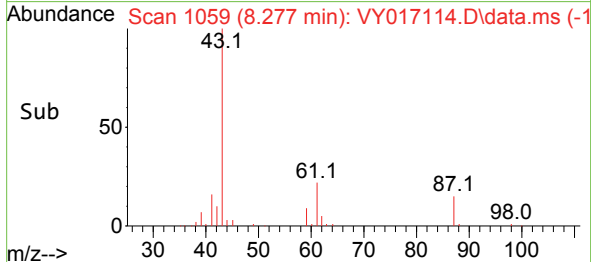
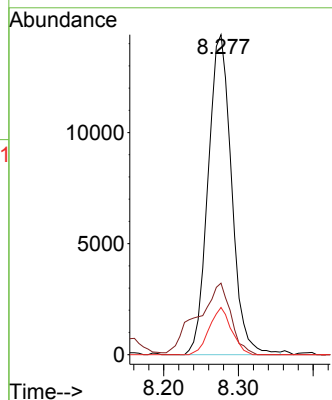
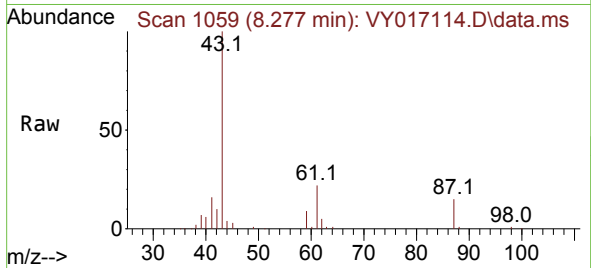




#43
Isopropyl Acetate
Concen: 20.393 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

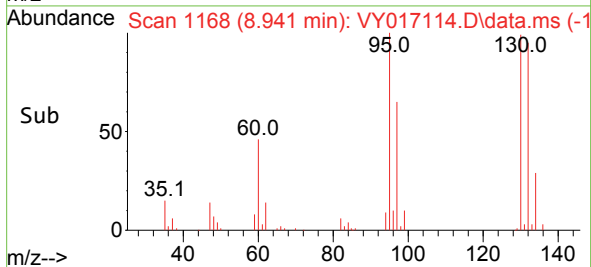
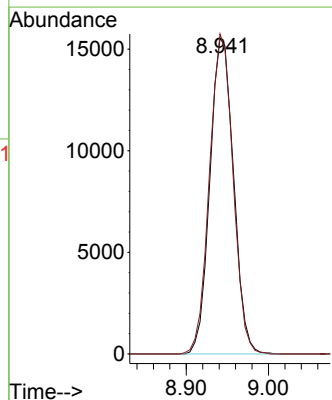
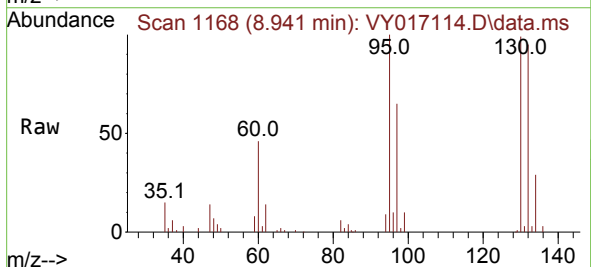
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

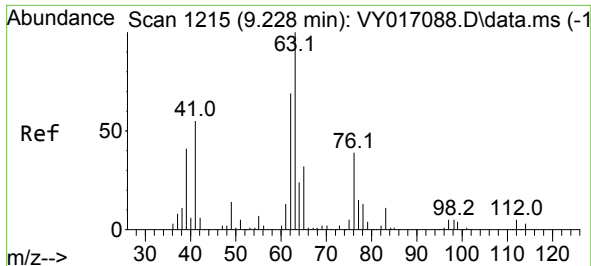
Tgt Ion: 43 Resp: 31405
Ion Ratio Lower Upper
43 100
61 32.0 24.8 37.2
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 21.710 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion:130 Resp: 31023
Ion Ratio Lower Upper
130 100
95 101.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 22.751 ug/l

RT: 9.221 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

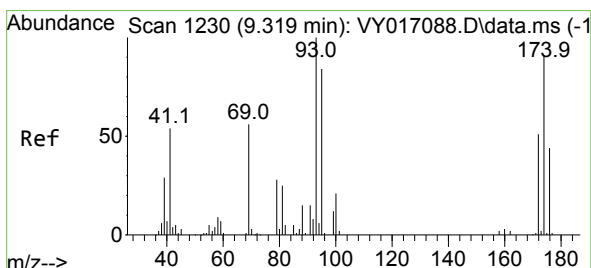
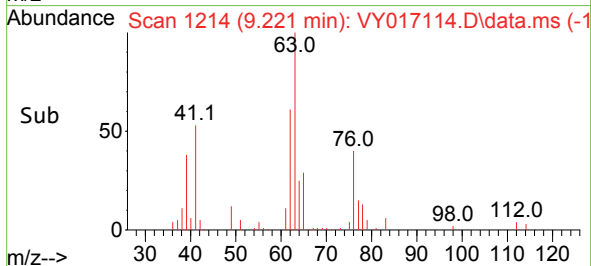
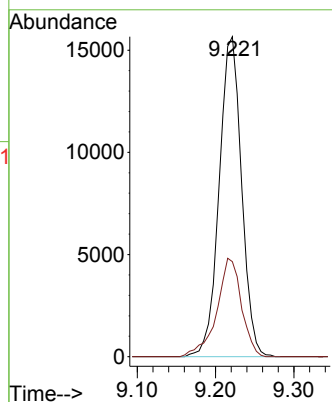
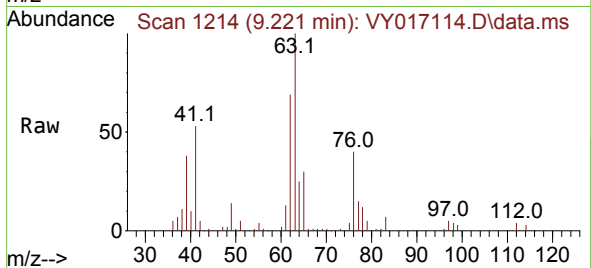
VY0126SBS01

Tgt Ion: 63 Resp: 31112

Ion Ratio Lower Upper

63 100

65 29.7 24.6 36.8



#46

Dibromomethane

Concen: 21.306 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

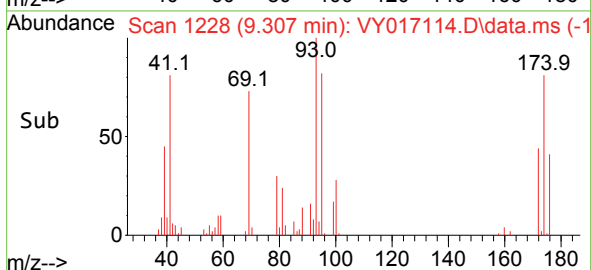
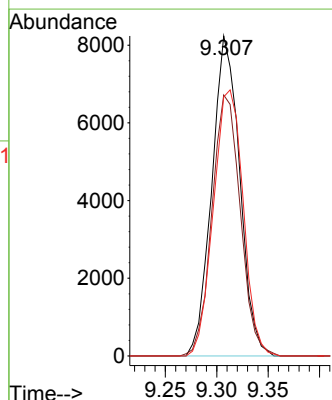
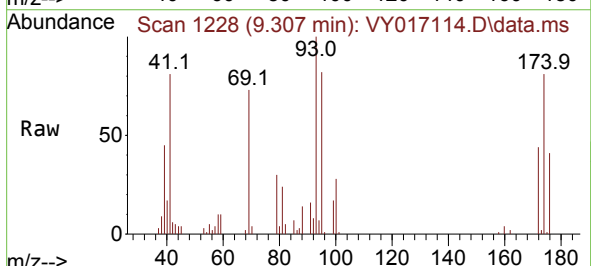
Tgt Ion: 93 Resp: 15473

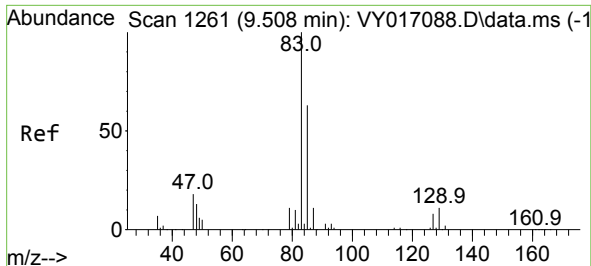
Ion Ratio Lower Upper

93 100

95 83.3 66.6 99.8

174 88.8 73.8 110.6

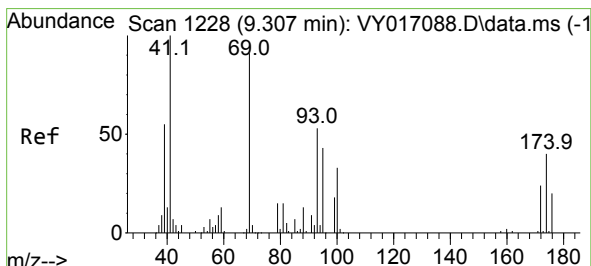
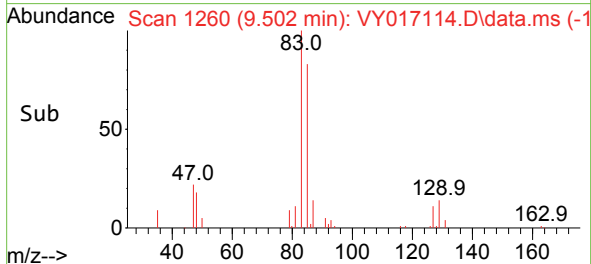
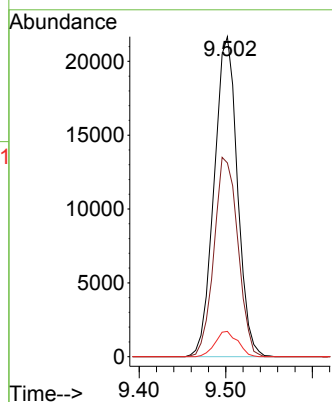
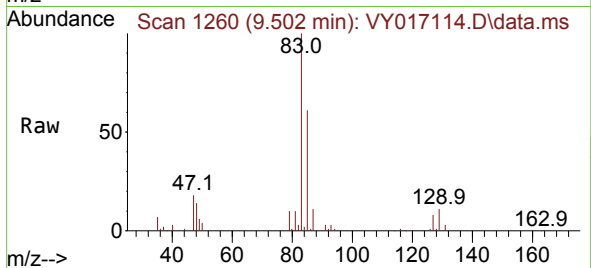




#47
Bromodichloromethane
Concen: 21.869 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

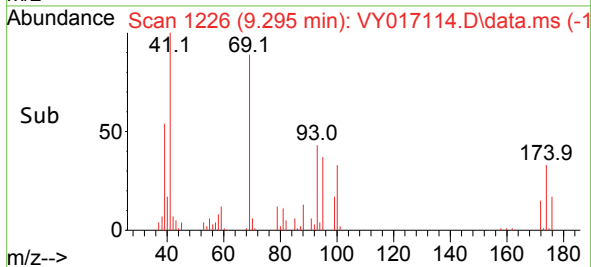
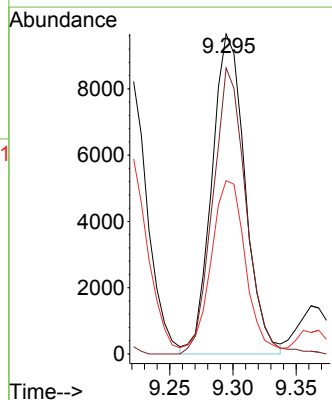
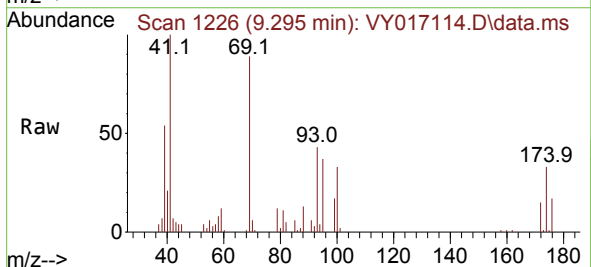
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

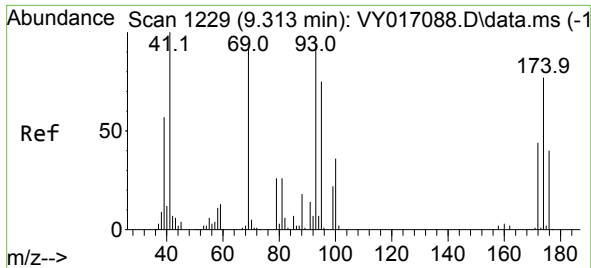
Tgt Ion: 83 Resp: 40405
Ion Ratio Lower Upper
83 100
85 60.6 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 20.648 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 41 Resp: 17655
Ion Ratio Lower Upper
41 100
69 89.0 72.1 108.1
39 52.5 42.8 64.2

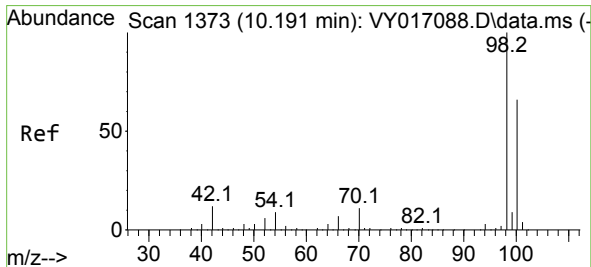
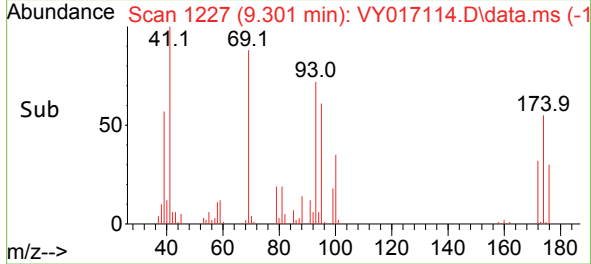
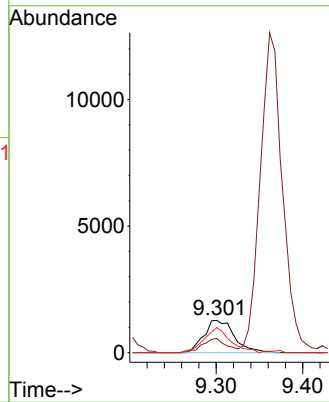
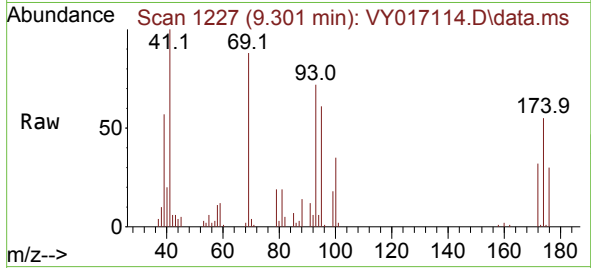




#49
1,4-Dioxane
Concen: 437.092 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

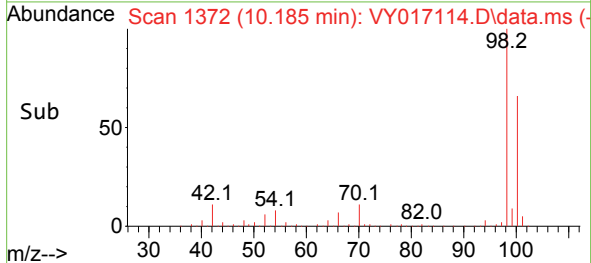
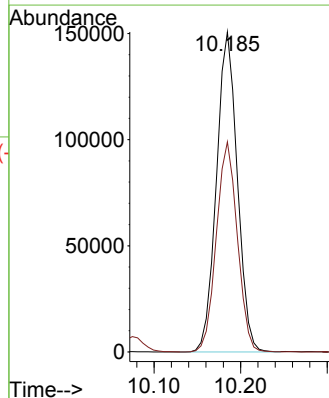
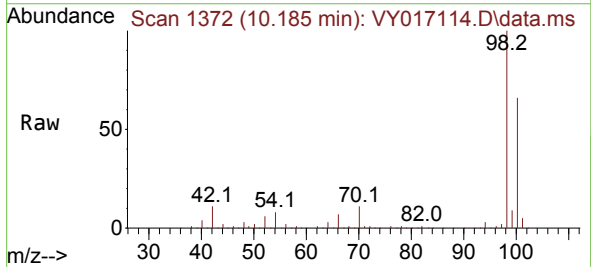
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

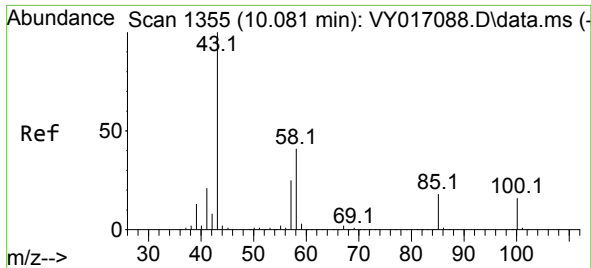
Tgt Ion: 88 Resp: 3122
Ion Ratio Lower Upper
88 100
43 36.0 28.2 42.4
58 66.1 52.2 78.2



#50
Toluene-d8
Concen: 57.323 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 98 Resp: 252450
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

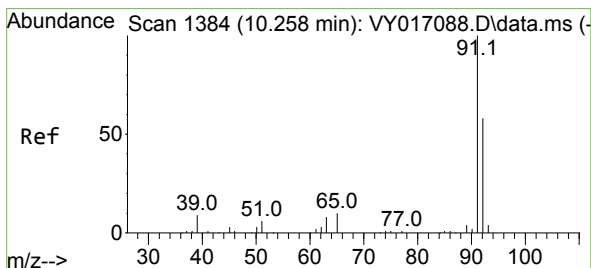
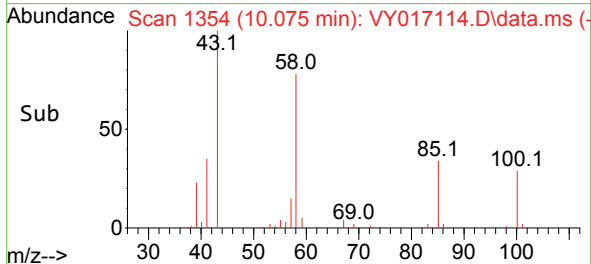
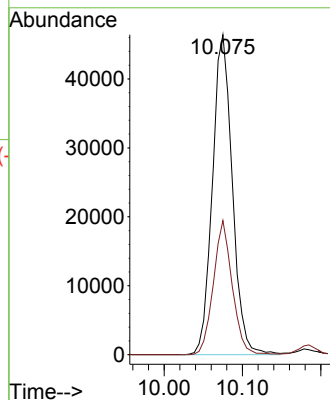
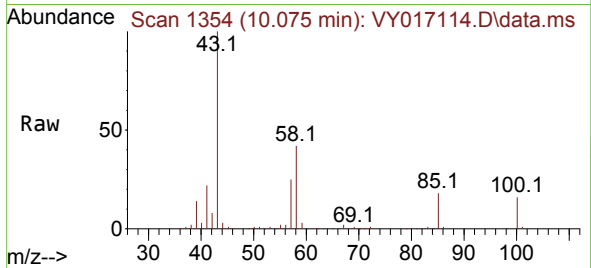




#51
4-Methyl-2-Pentanone
Concen: 100.107 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

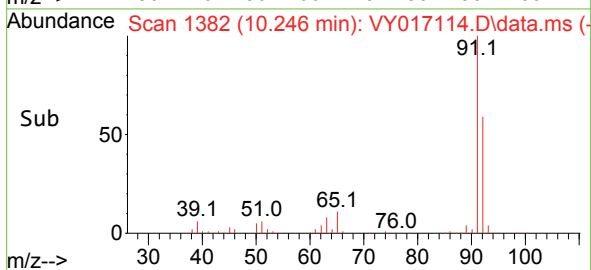
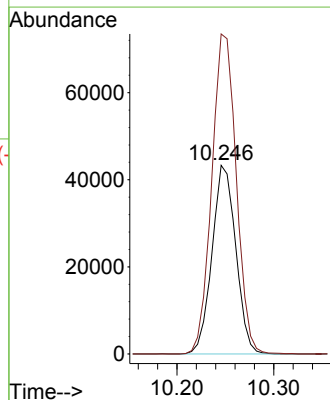
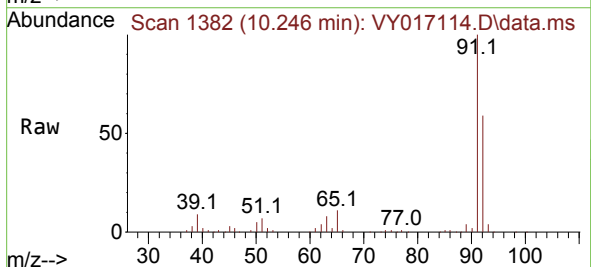
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

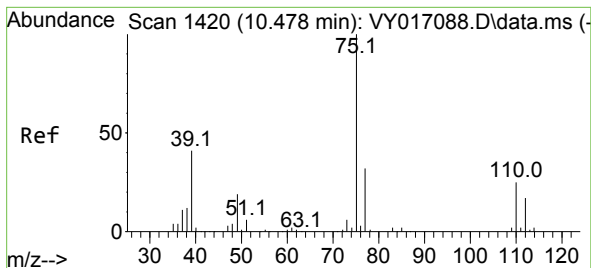
Tgt Ion: 43 Resp: 82006
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 21.911 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 92 Resp: 73887
Ion Ratio Lower Upper
92 100
91 175.1 137.6 206.4

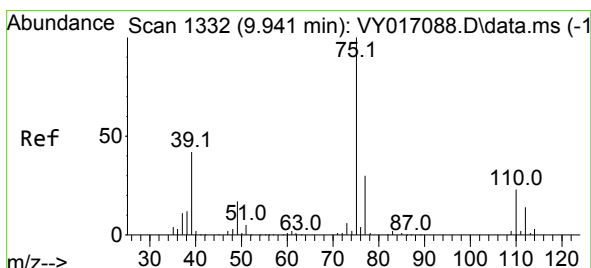
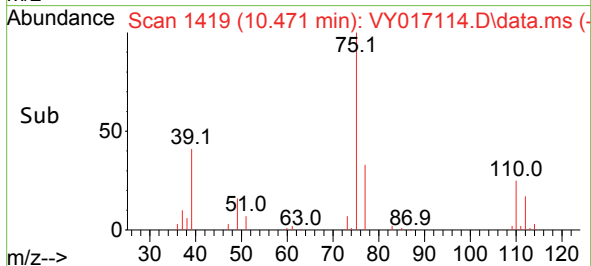
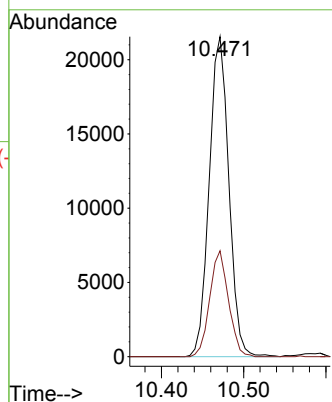
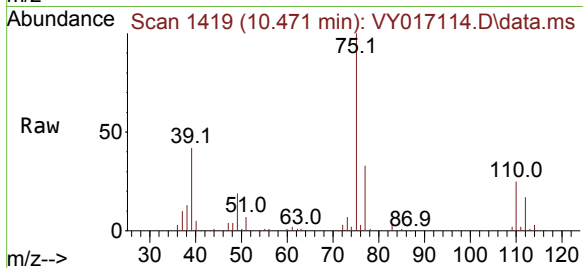




#53
t-1,3-Dichloropropene
Concen: 21.196 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

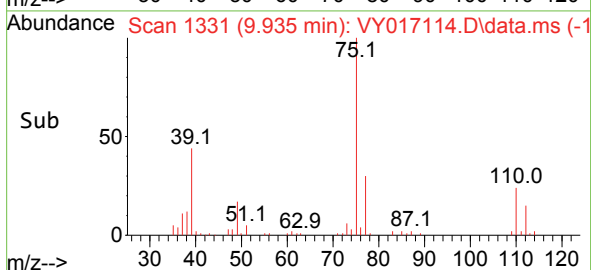
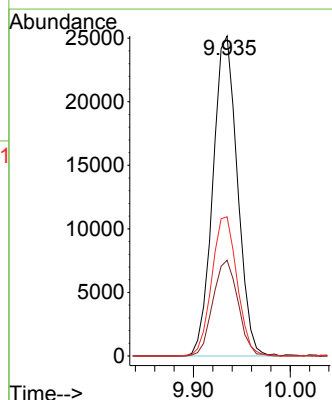
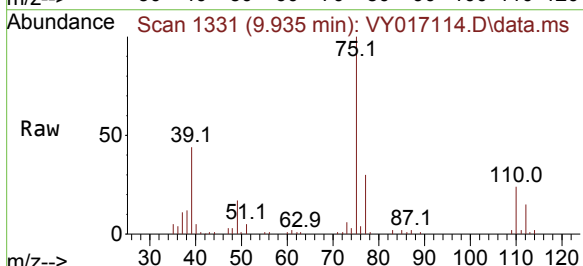
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

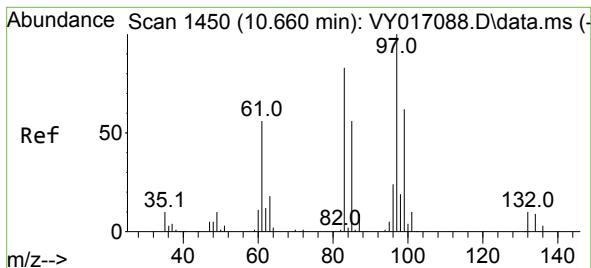
Tgt Ion: 75 Resp: 35775
Ion Ratio Lower Upper
75 100
77 33.1 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 21.393 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 75 Resp: 44409
Ion Ratio Lower Upper
75 100
77 29.9 24.6 36.8
39 43.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.149 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

Tgt Ion: 97 Resp: 21467

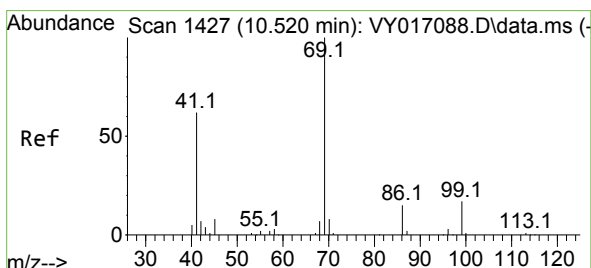
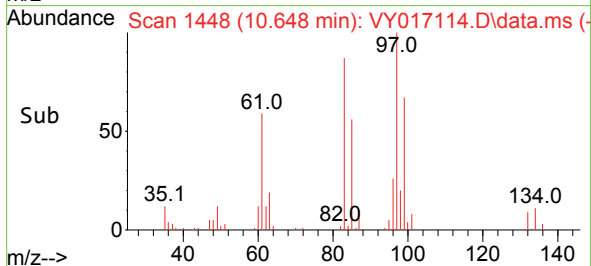
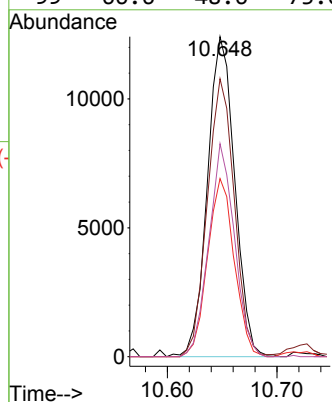
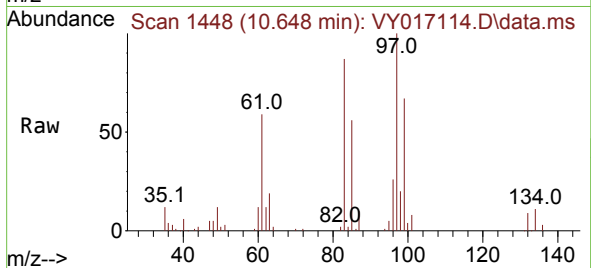
Ion Ratio Lower Upper

97 100

83 86.9 69.4 104.2

85 55.6 43.9 65.9

99 66.6 48.6 73.0



#56

Ethyl methacrylate

Concen: 20.392 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

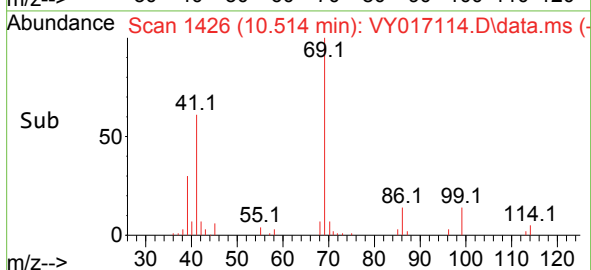
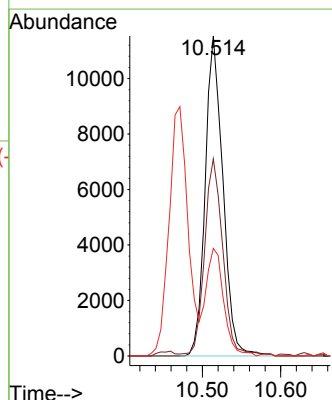
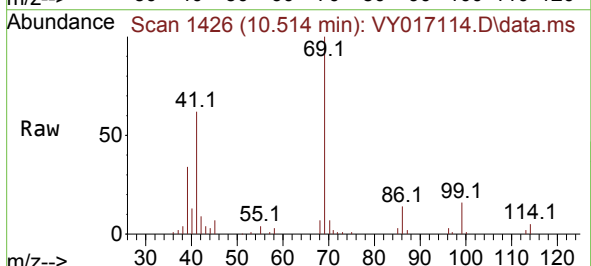
Tgt Ion: 69 Resp: 18100

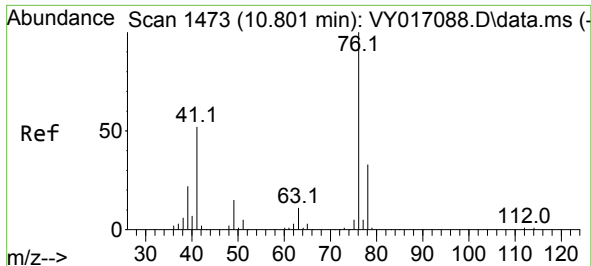
Ion Ratio Lower Upper

69 100

41 63.9 49.2 73.8

39 33.7 26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.269 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

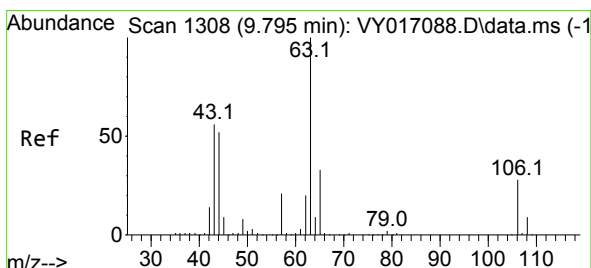
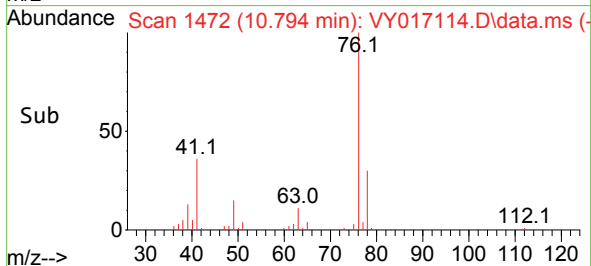
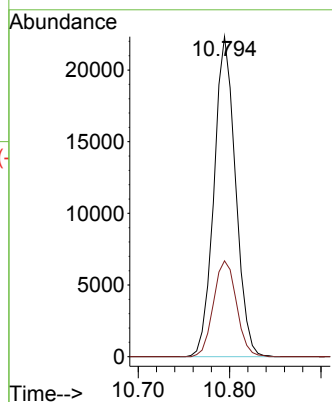
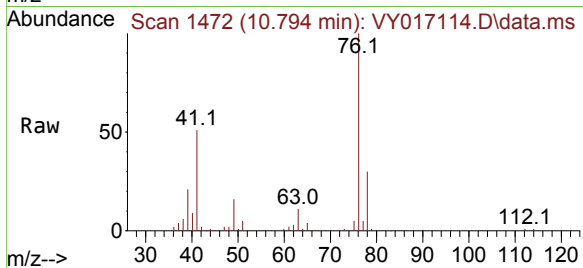
VY0126SBS01

Tgt Ion: 76 Resp: 36499

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 106.593 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017114.D

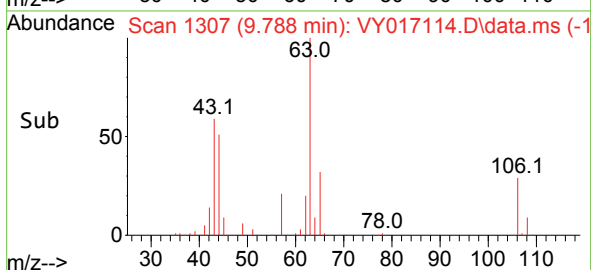
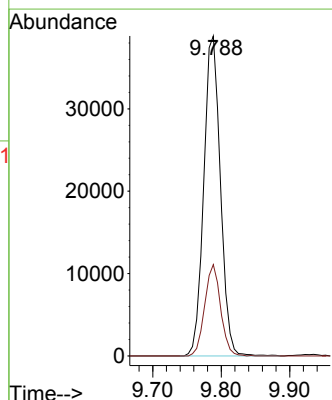
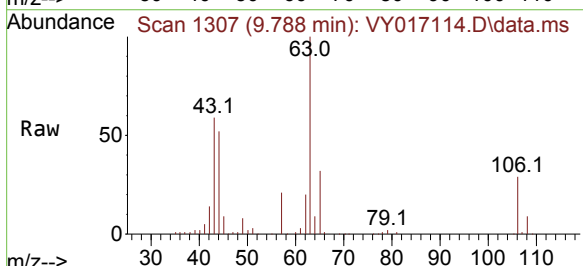
Acq: 26 Jan 2024 12:01

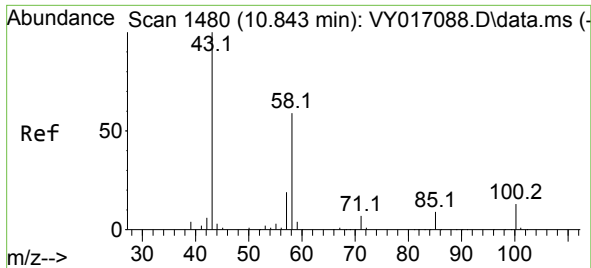
Tgt Ion: 63 Resp: 65676

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6

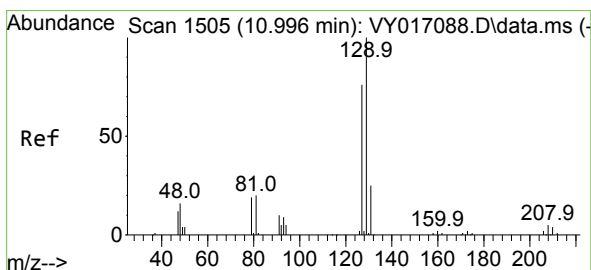
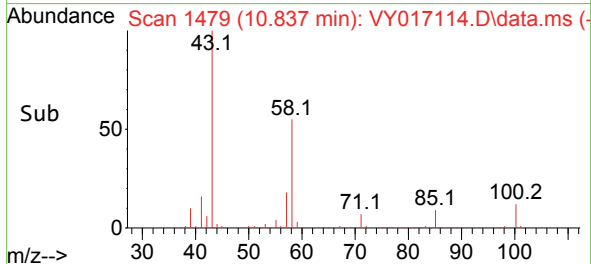
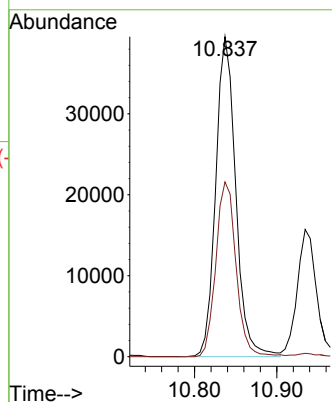
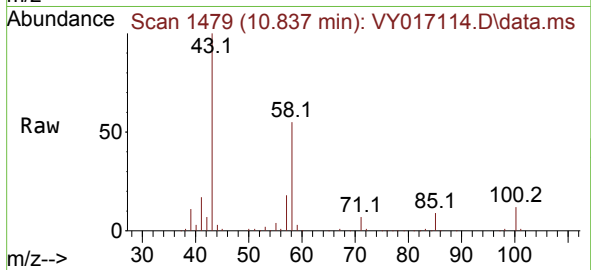




#59
2-Hexanone
Concen: 106.944 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

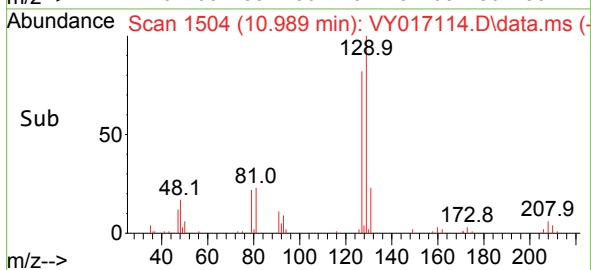
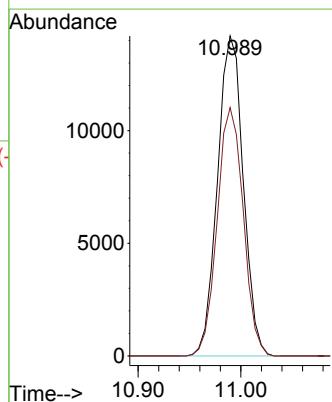
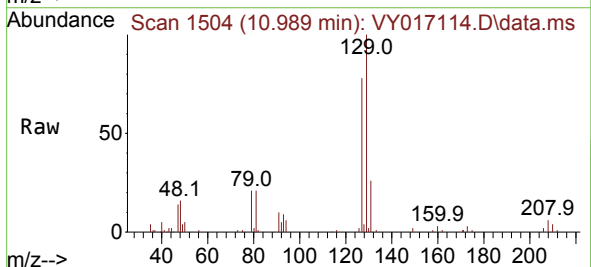
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

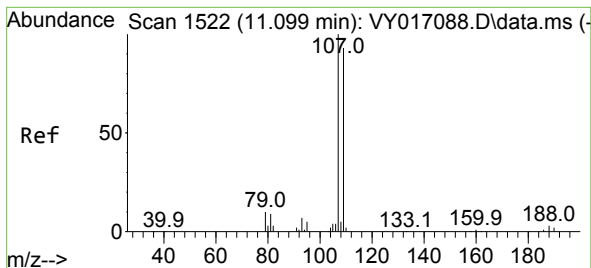
Tgt Ion: 43 Resp: 66836
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3



#60
Dibromochloromethane
Concen: 20.970 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.007 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 129 Resp: 24729
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

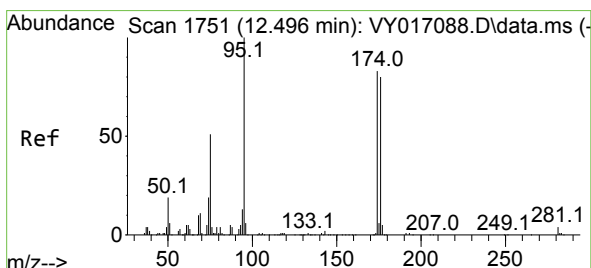
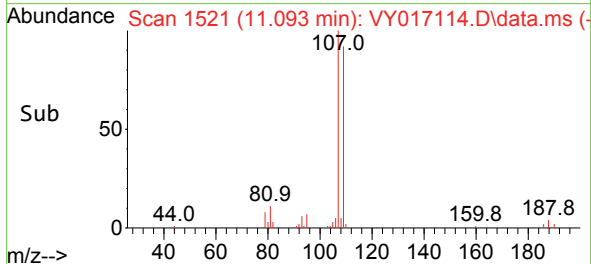
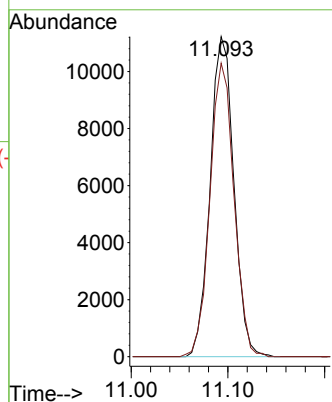
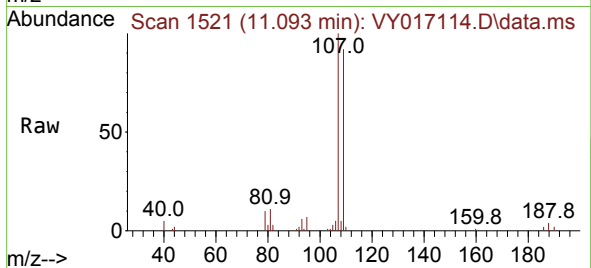




#61
1,2-Dibromoethane
Concen: 20.690 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

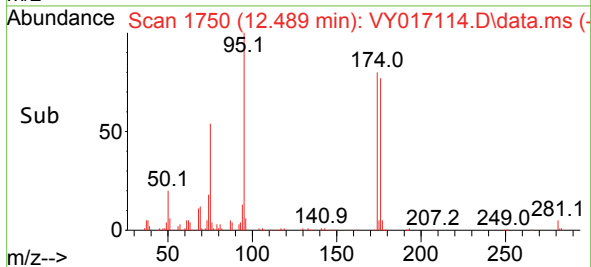
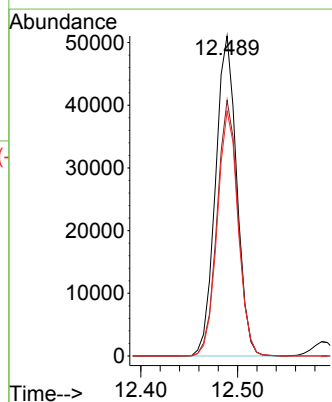
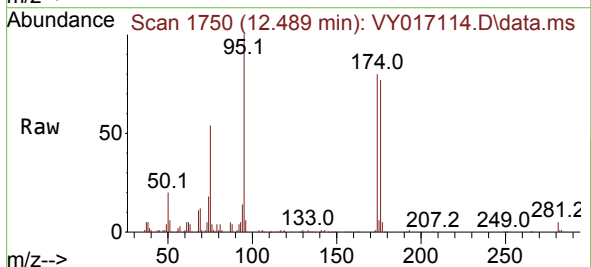
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

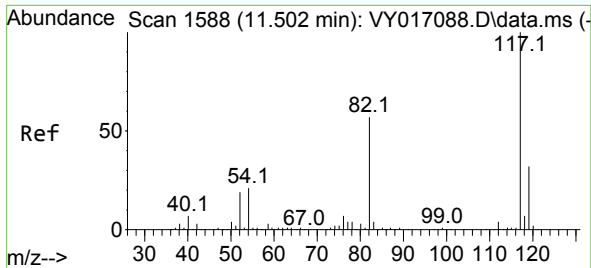
Tgt Ion:107 Resp: 19078
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 57.287 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 95 Resp: 77720
Ion Ratio Lower Upper
95 100
174 78.9 0.0 160.0
176 75.2 0.0 151.8

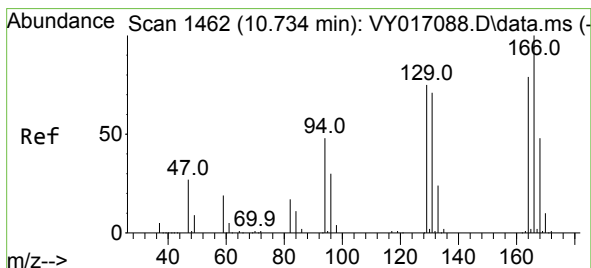
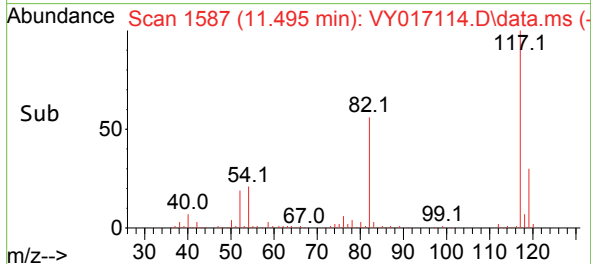
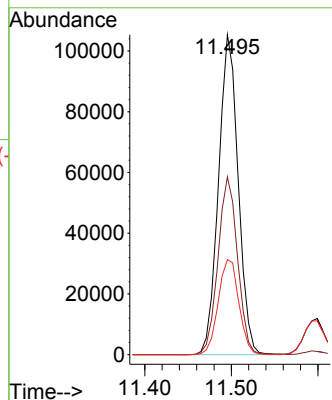
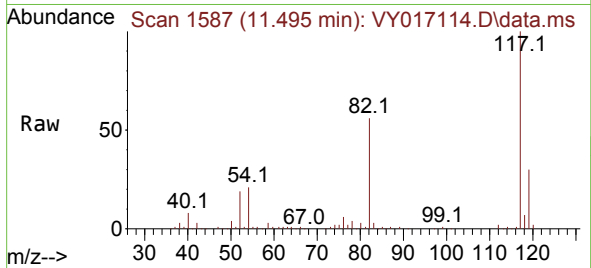




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

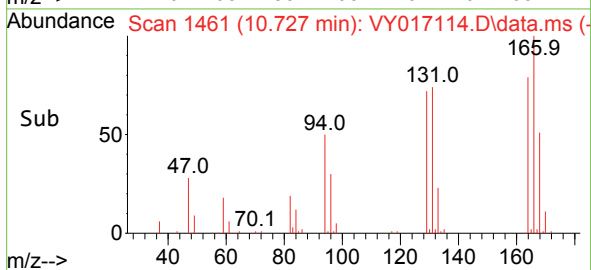
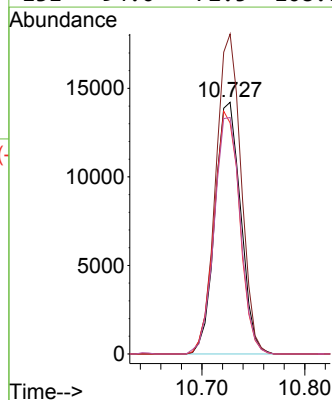
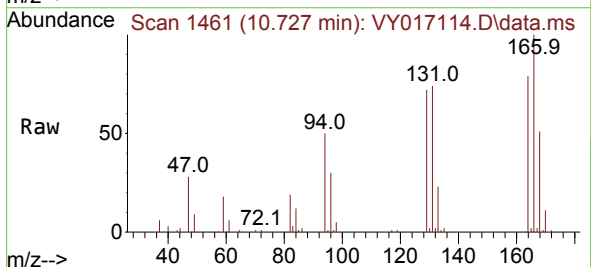
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

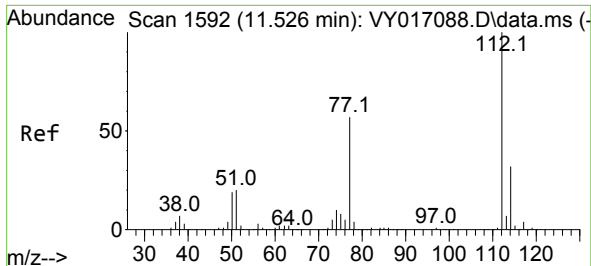
Tgt Ion:117 Resp: 166268
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 29.7 26.5 39.7



#64
Tetrachloroethene
Concen: 21.317 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion:164 Resp: 24705
Ion Ratio Lower Upper
164 100
166 127.1 98.8 148.2
129 91.8 78.9 118.3
131 94.0 72.5 108.7

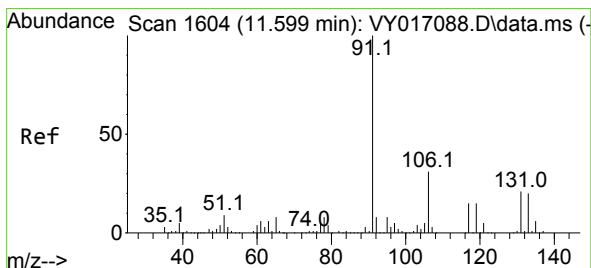
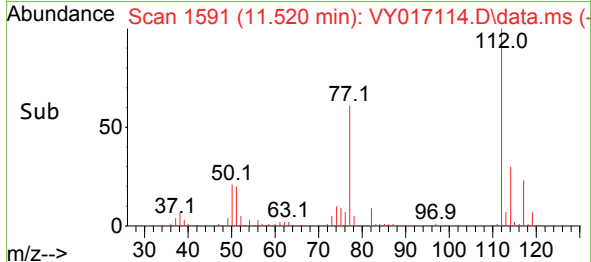
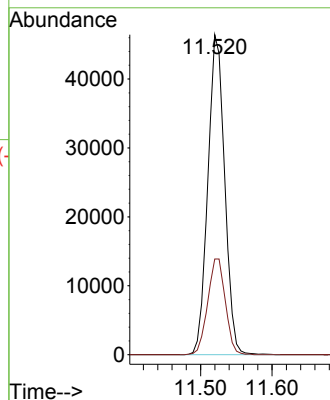
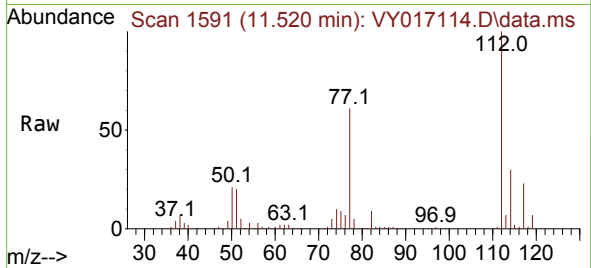




#65
Chlorobenzene
Concen: 21.529 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

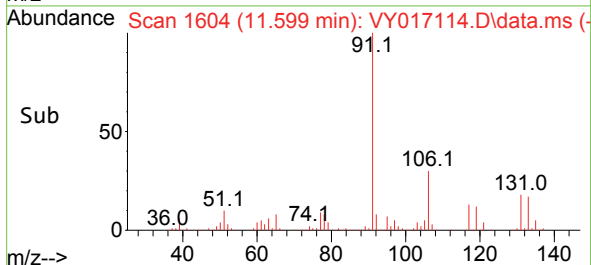
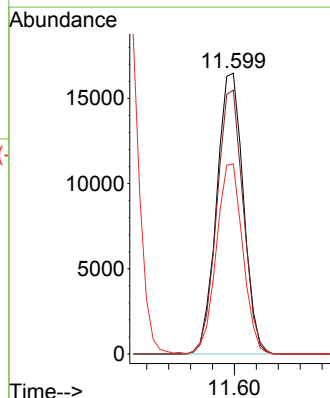
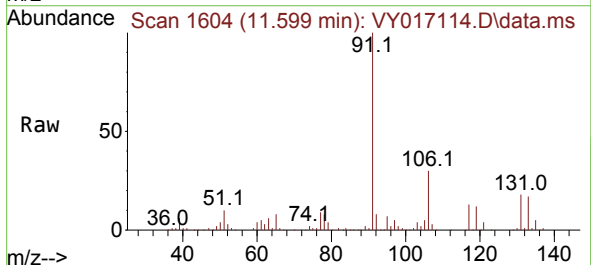
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

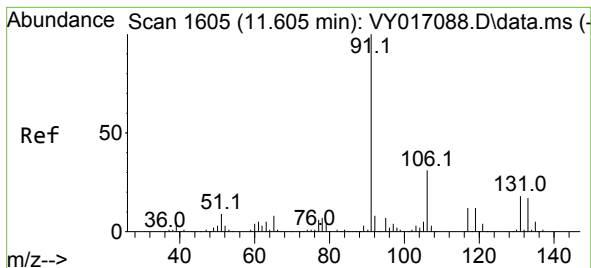
Tgt Ion:112 Resp: 75855
Ion Ratio Lower Upper
112 100
114 29.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.627 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion:131 Resp: 27834
Ion Ratio Lower Upper
131 100
133 93.4 47.0 141.0
119 67.2 33.3 99.9





#67

Ethyl Benzene

Concen: 21.411 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

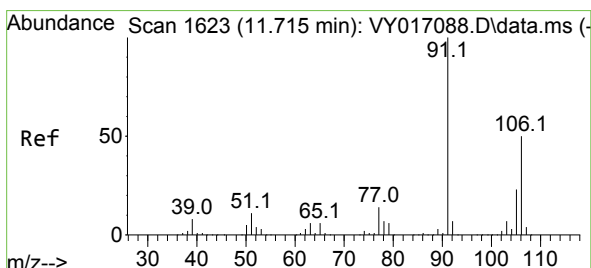
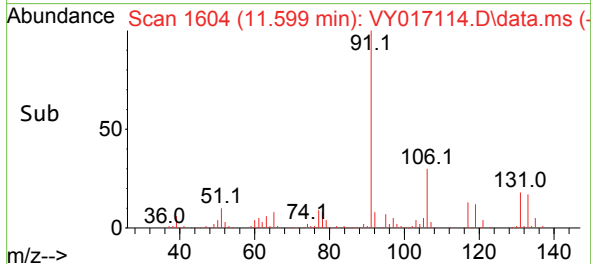
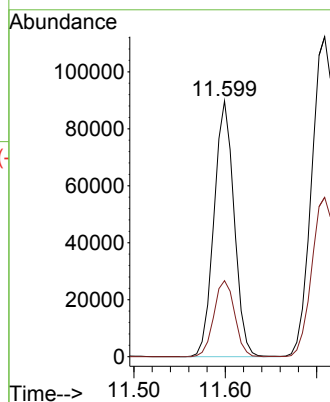
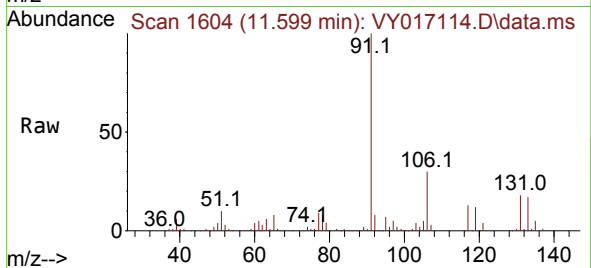
VY0126SBS01

Tgt Ion: 91 Resp: 137143

Ion Ratio Lower Upper

91 100

106 29.7 25.0 37.4



#68

m/p-Xylenes

Concen: 43.475 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017114.D

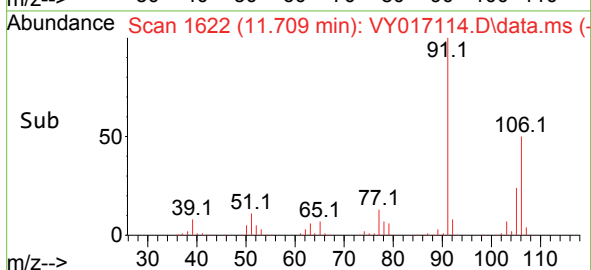
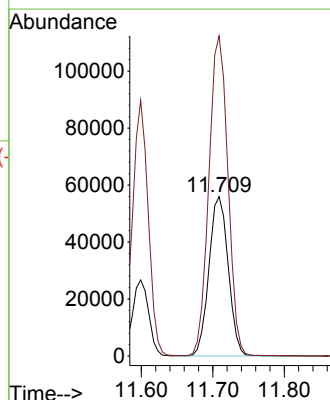
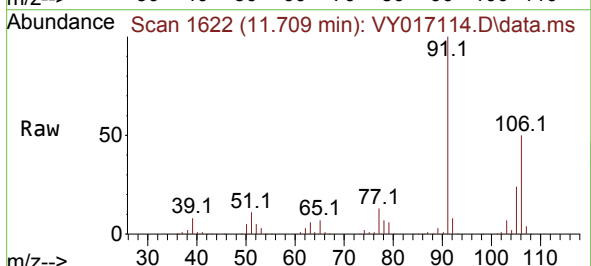
Acq: 26 Jan 2024 12:01

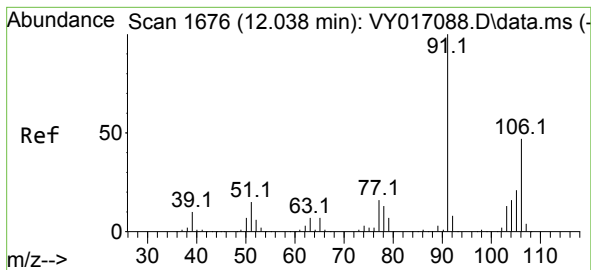
Tgt Ion:106 Resp: 104626

Ion Ratio Lower Upper

106 100

91 198.5 160.7 241.1





#69

o-Xylene

Concen: 21.554 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

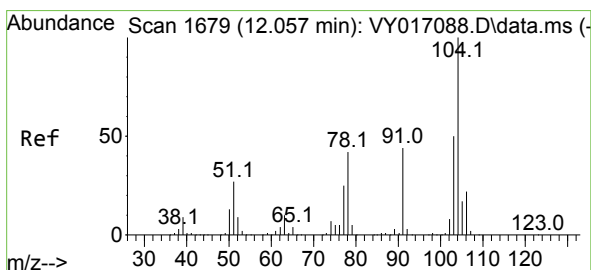
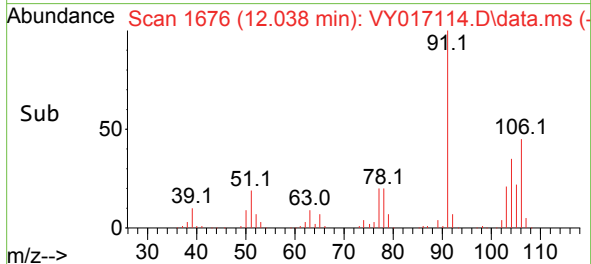
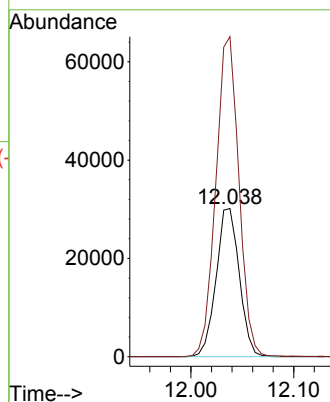
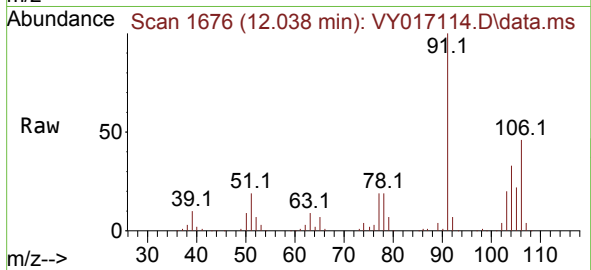
VY0126SBS01

Tgt Ion:106 Resp: 47118

Ion Ratio Lower Upper

106 100

91 215.8 106.5 319.5



#70

Styrene

Concen: 21.807 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

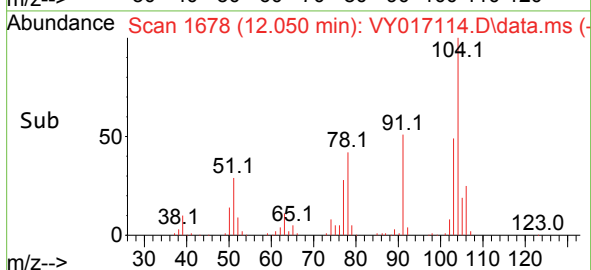
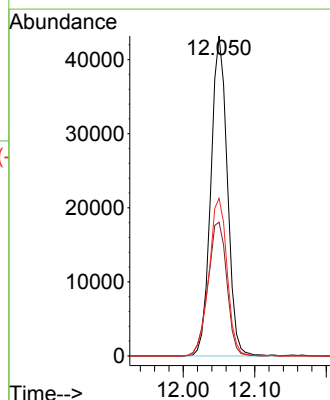
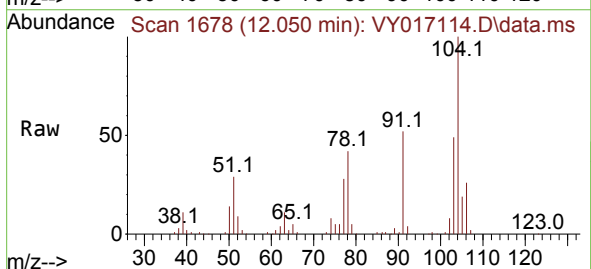
Tgt Ion:104 Resp: 69206

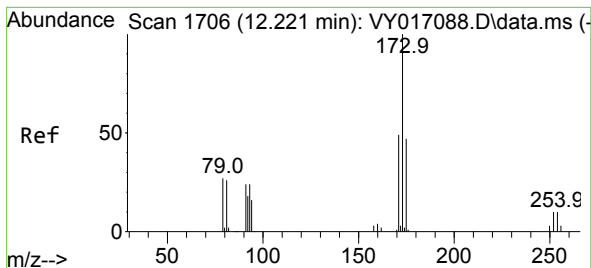
Ion Ratio Lower Upper

104 100

78 47.9 39.2 58.8

103 54.1 43.8 65.6





#71

Bromoform

Concen: 19.932 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

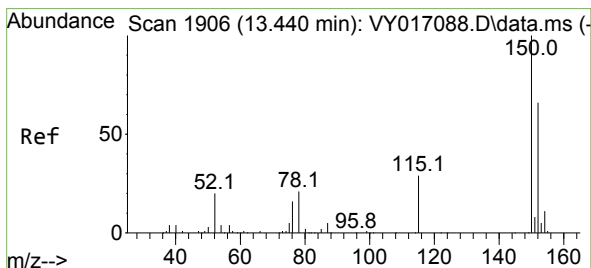
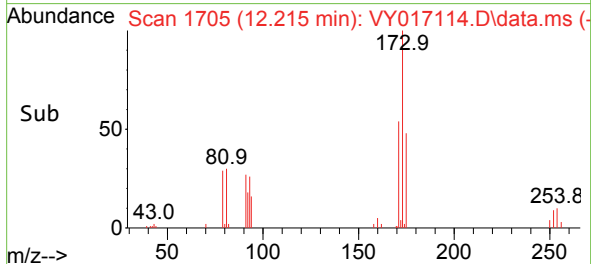
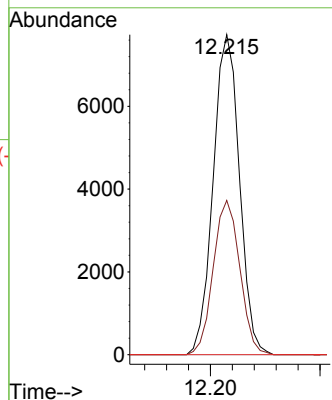
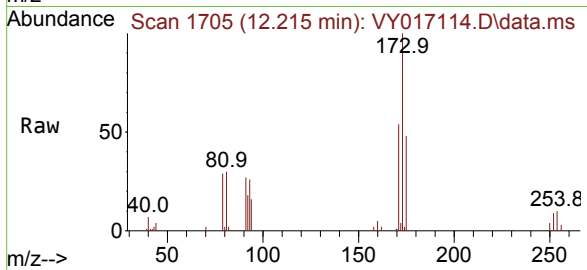
Tgt Ion:173 Resp: 12863

Ion Ratio Lower Upper

173 100

175 48.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

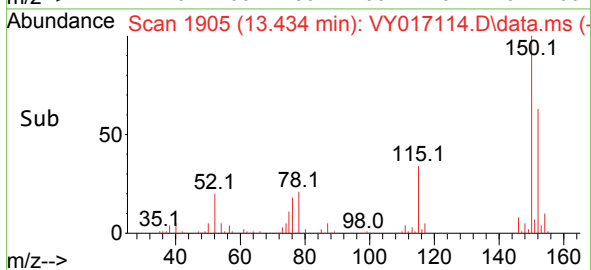
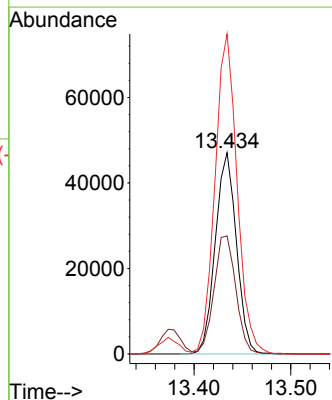
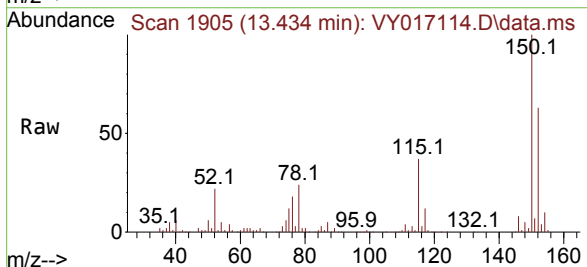
Tgt Ion:152 Resp: 71388

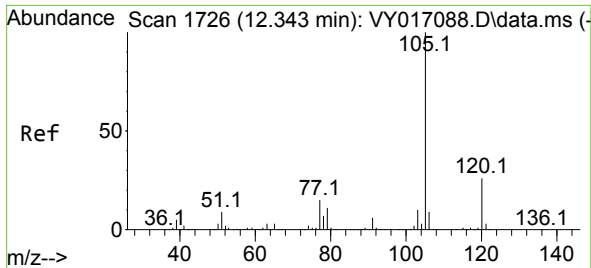
Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

150 166.1 0.0 344.6

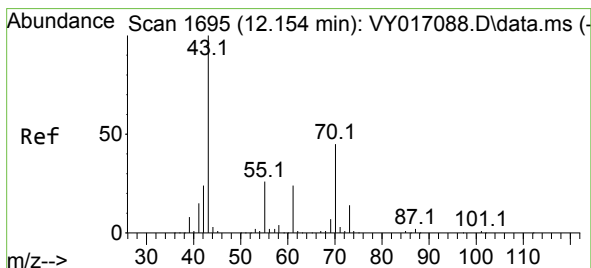
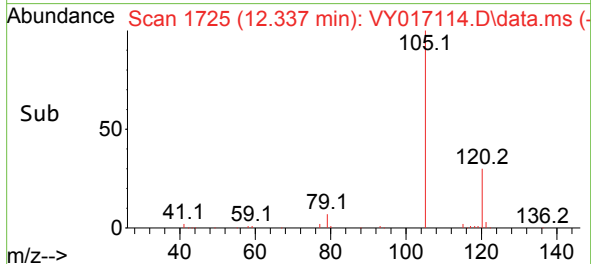
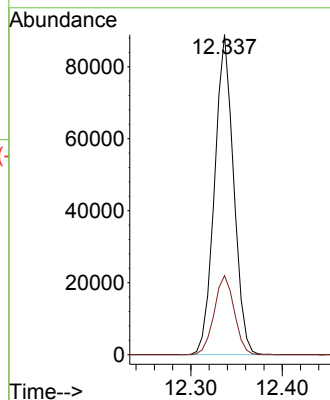
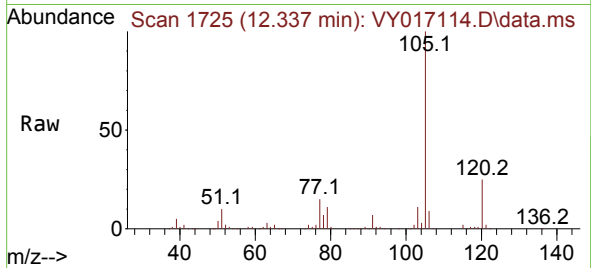




#73
Isopropylbenzene
Concen: 21.904 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

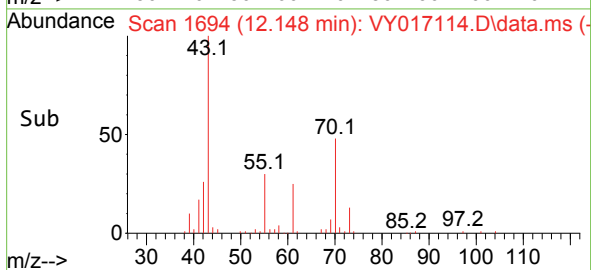
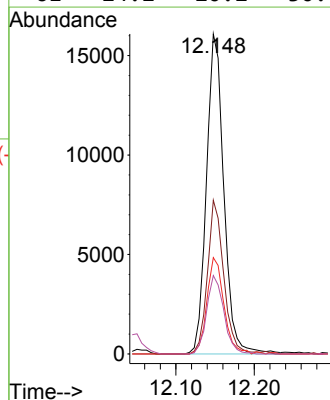
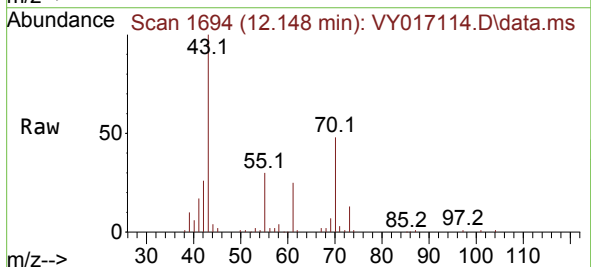
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

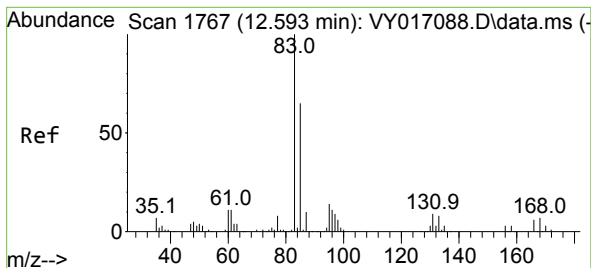
Tgt Ion:105 Resp: 128549
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 20.962 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 43 Resp: 24796
Ion Ratio Lower Upper
43 100
70 45.3 36.6 55.0
55 29.6 22.2 33.4
61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.829 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

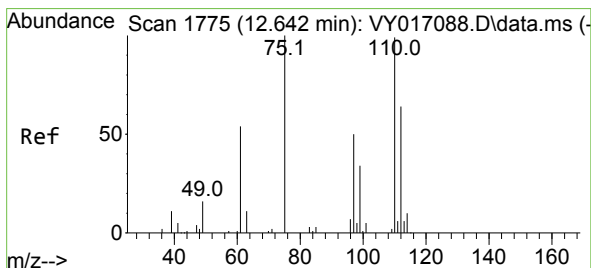
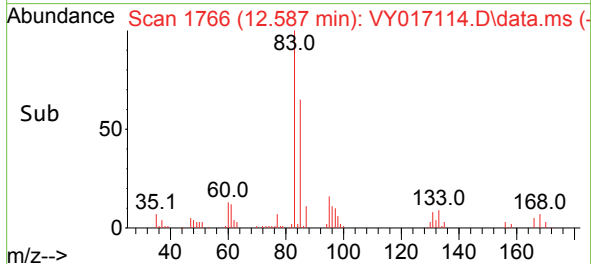
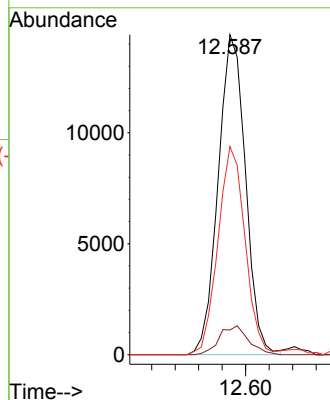
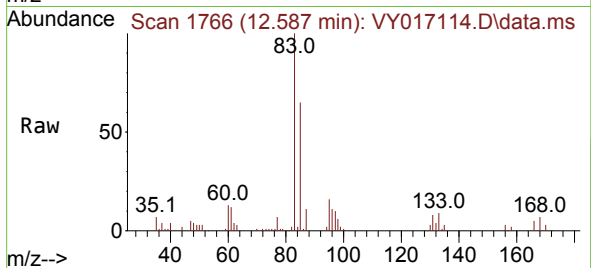
Tgt Ion: 83 Resp: 23309

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 33.011 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.007 min

Lab File: VY017114.D

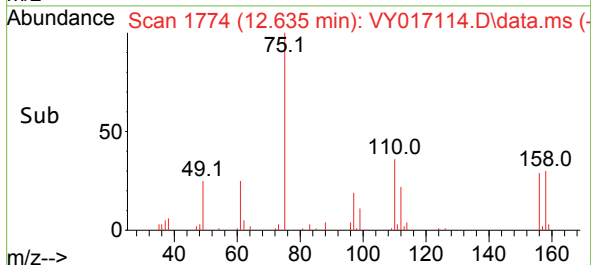
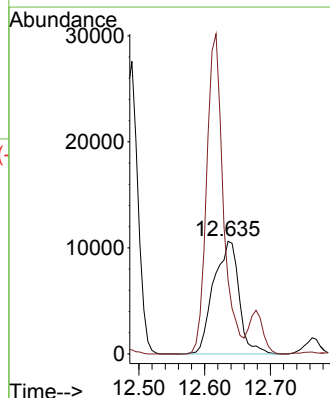
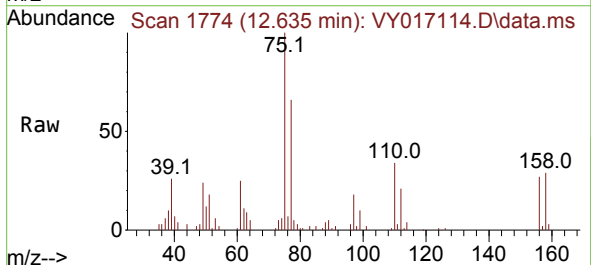
Acq: 26 Jan 2024 12:01

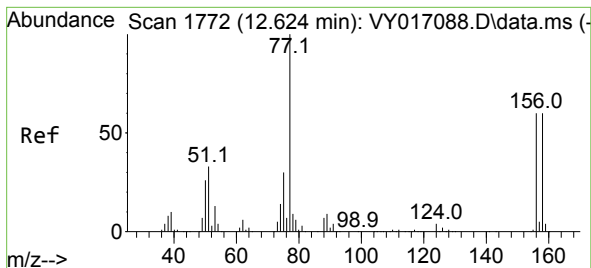
Tgt Ion: 75 Resp: 28604

Ion Ratio Lower Upper

75 100

77 186.9 0.0 0.0#





#77

Bromobenzene

Concen: 21.902 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

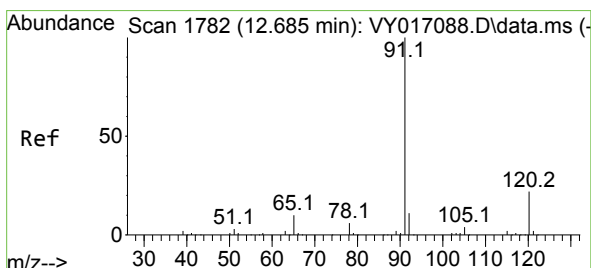
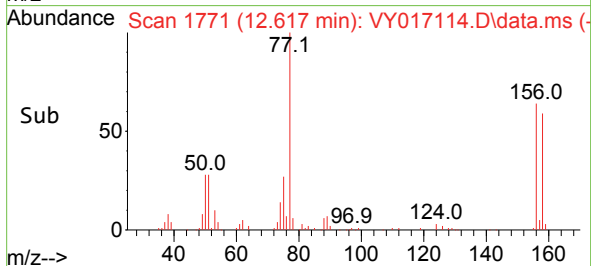
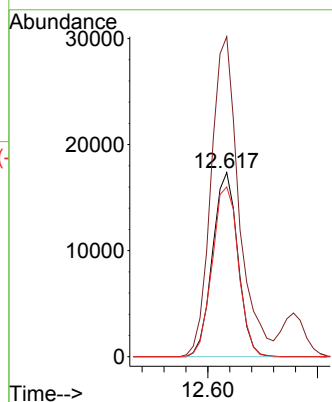
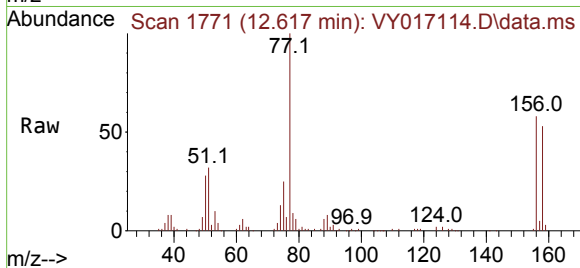
Tgt Ion:156 Resp: 27813

Ion Ratio Lower Upper

156 100

77 192.2 97.3 291.8

158 95.9 48.4 145.0



#78

n-propylbenzene

Concen: 22.723 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017114.D

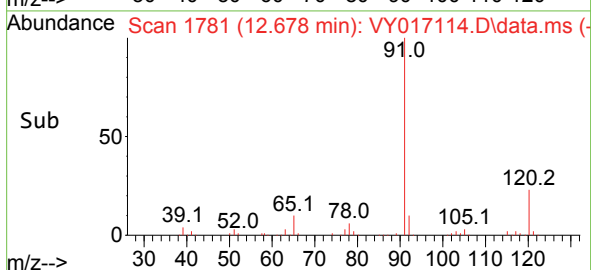
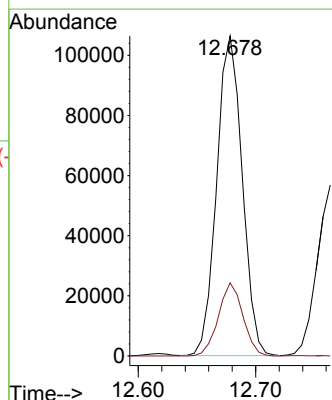
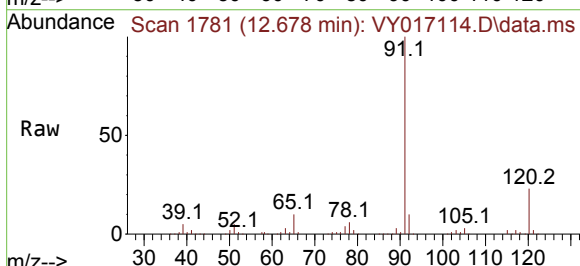
Acq: 26 Jan 2024 12:01

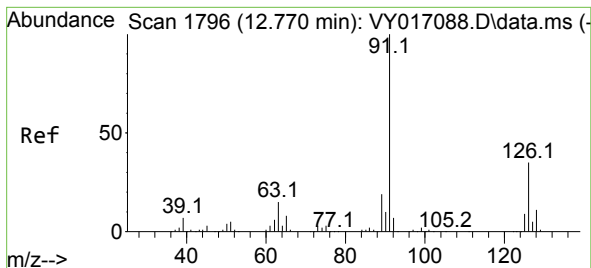
Tgt Ion: 91 Resp: 160398

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0





#79

2-Chlorotoluene

Concen: 22.229 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

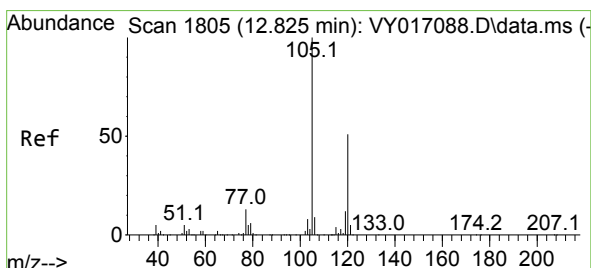
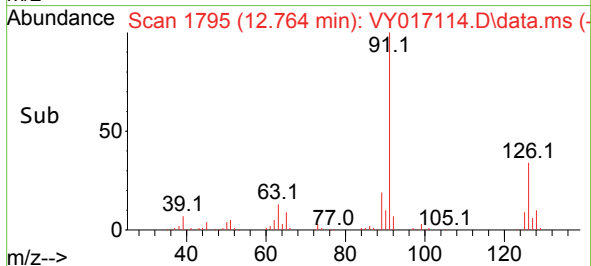
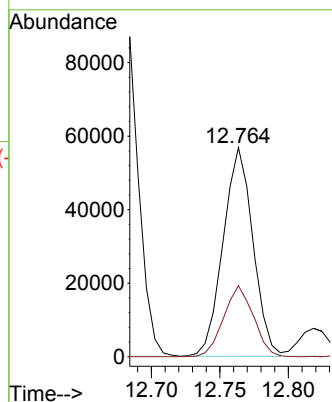
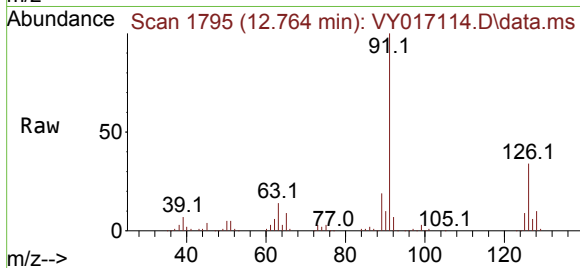
VY0126SBS01

Tgt Ion: 91 Resp: 86102

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 22.512 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017114.D

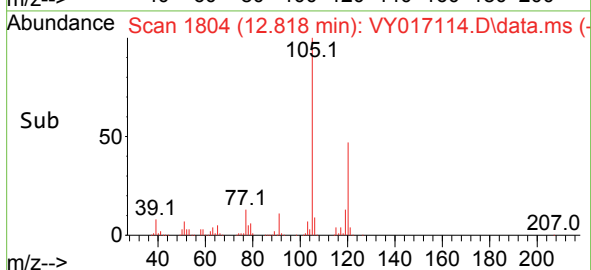
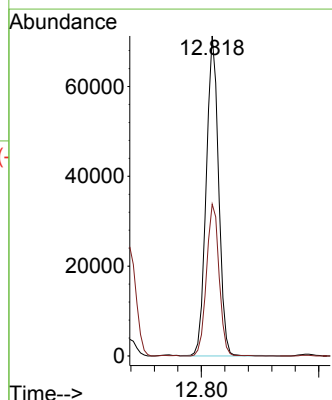
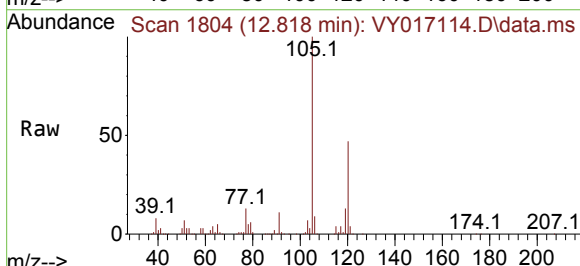
Acq: 26 Jan 2024 12:01

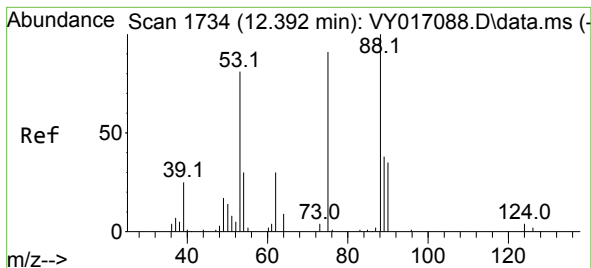
Tgt Ion:105 Resp: 104560

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8

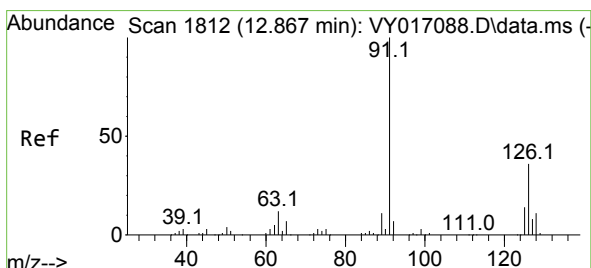
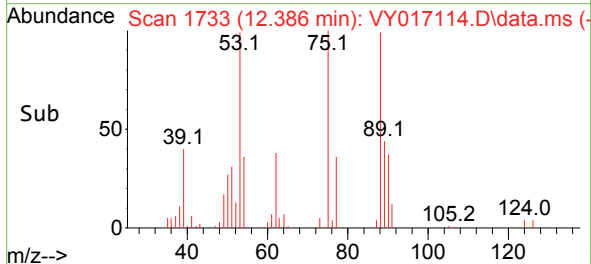
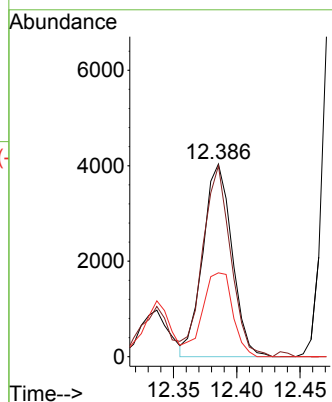
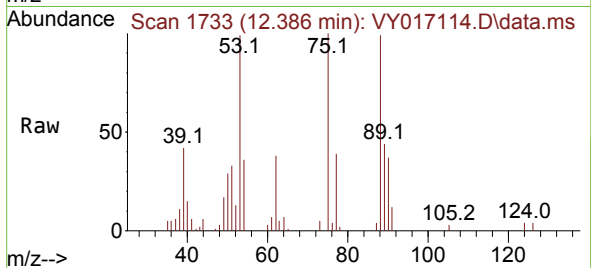




#81
trans-1,4-Dichloro-2-butene
Concen: 19.328 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

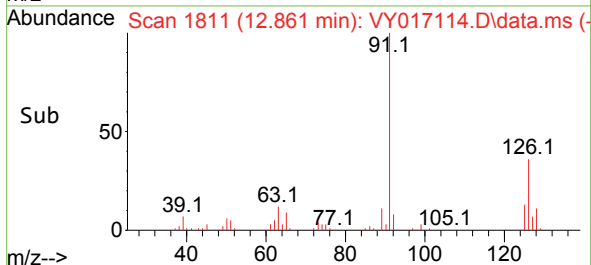
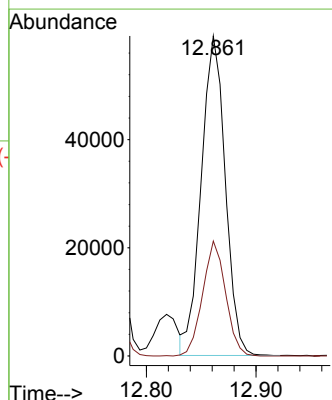
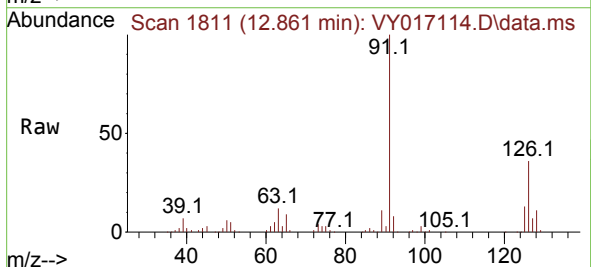
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

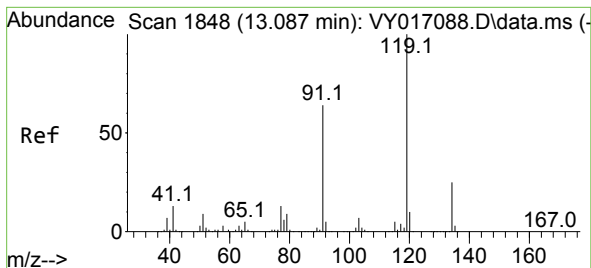
Tgt Ion: 75 Resp: 6469
Ion Ratio Lower Upper
75 100
53 94.9 74.0 111.0
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 22.411 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 91 Resp: 89969
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.369 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

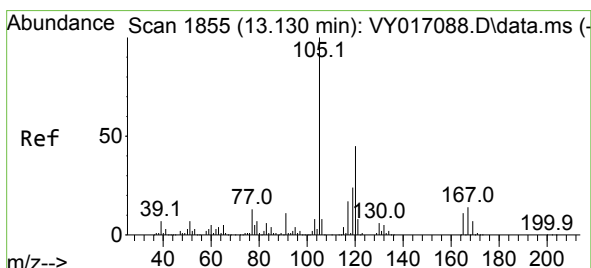
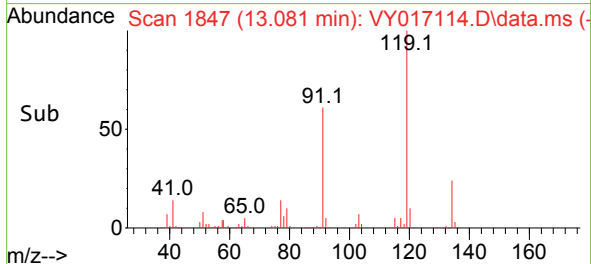
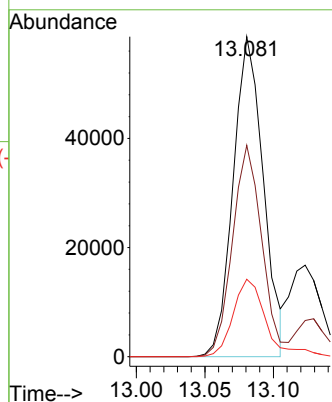
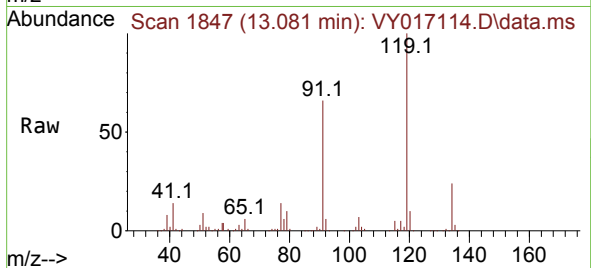
Tgt Ion:119 Resp: 89869

Ion Ratio Lower Upper

119 100

91 64.8 31.5 94.5

134 26.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.987 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017114.D

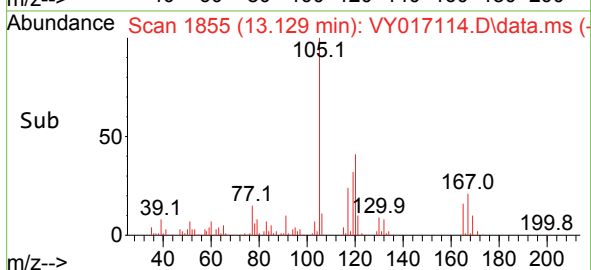
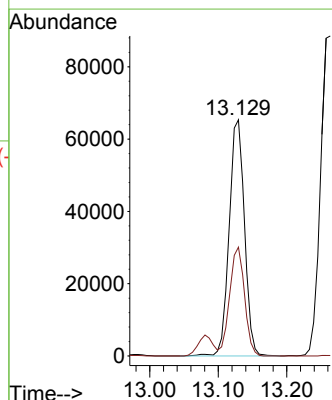
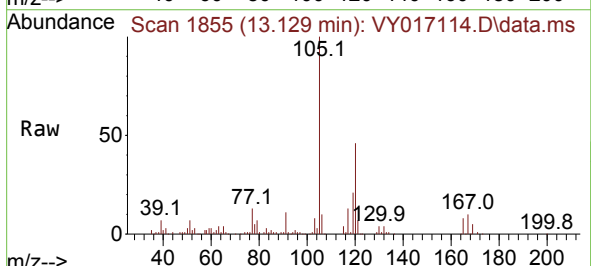
Acq: 26 Jan 2024 12:01

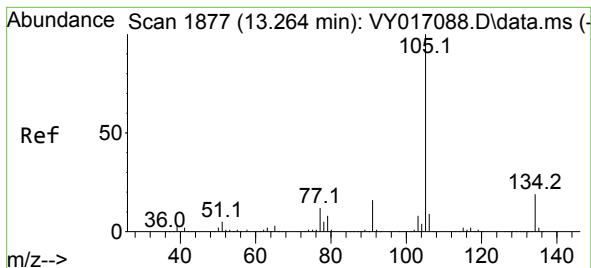
Tgt Ion:105 Resp: 101498

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 22.718 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

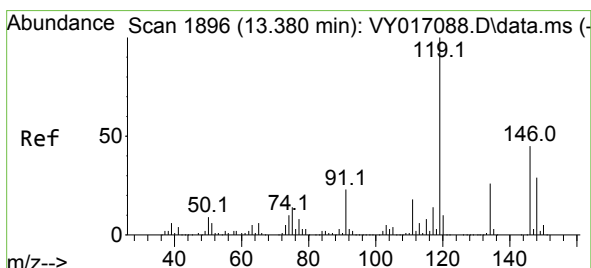
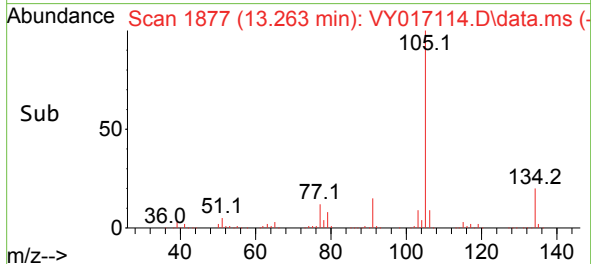
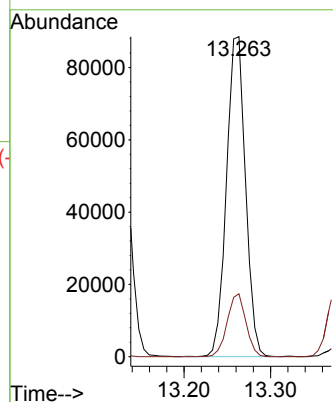
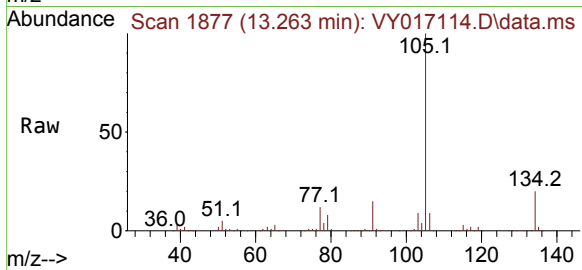
VY0126SBS01

Tgt Ion:105 Resp: 135146

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 22.300 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

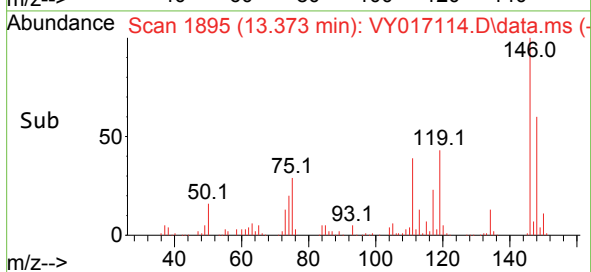
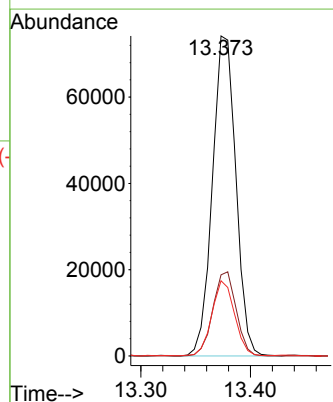
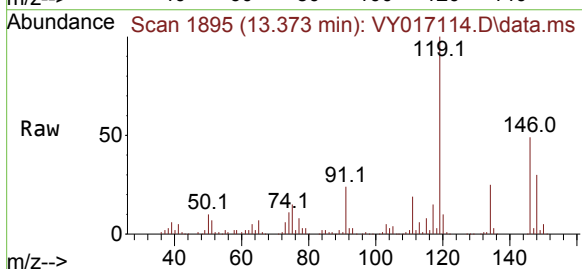
Tgt Ion:119 Resp: 110503

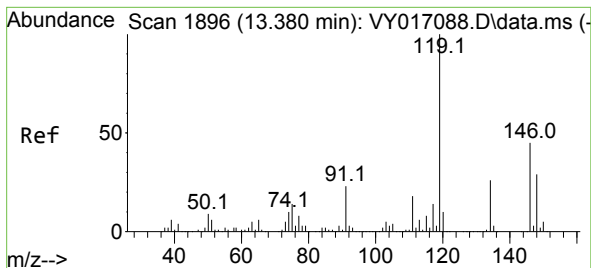
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 22.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.454 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

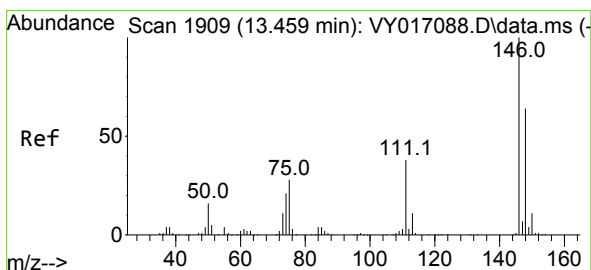
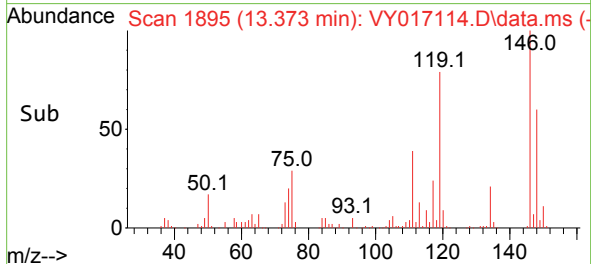
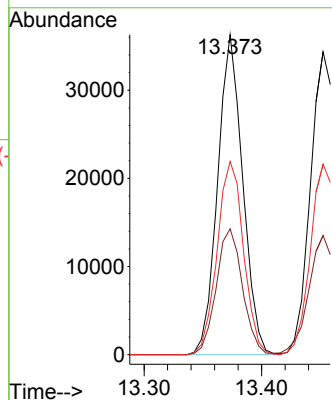
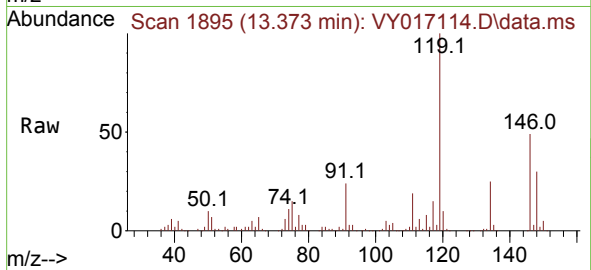
Tgt Ion:146 Resp: 53789

Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.863 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

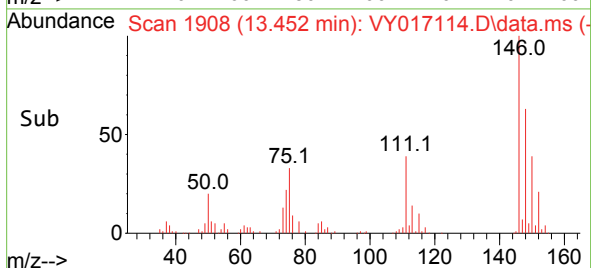
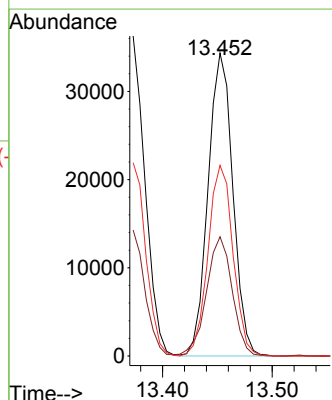
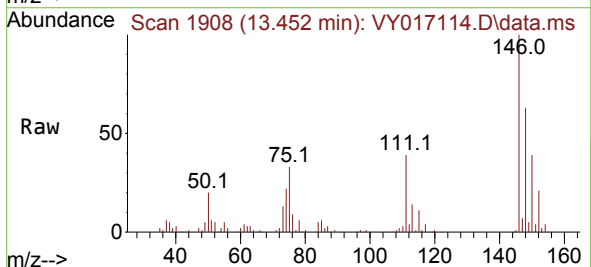
Tgt Ion:146 Resp: 53930

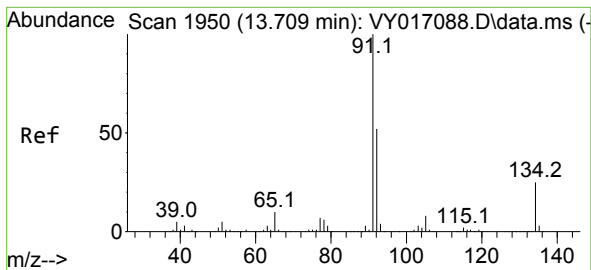
Ion Ratio Lower Upper

146 100

111 41.0 19.3 57.9

148 63.5 31.6 94.7

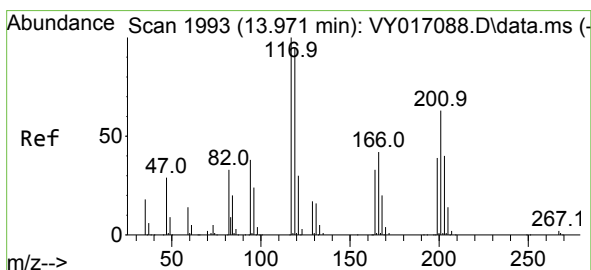
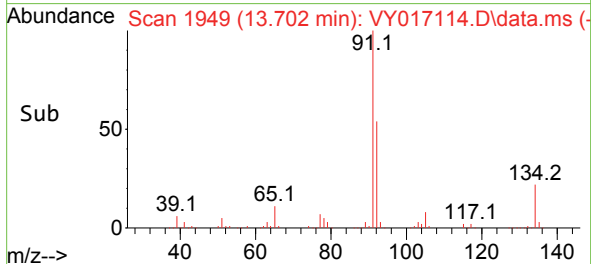
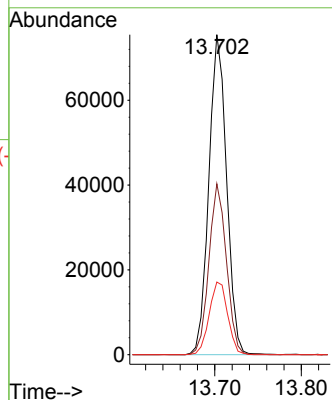
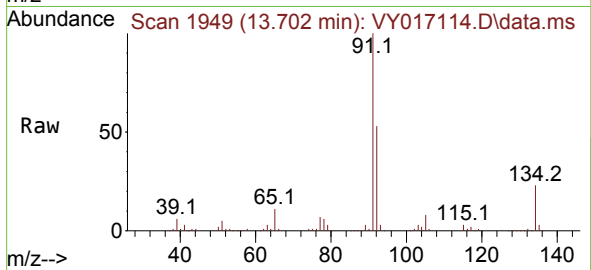




#89
n-Butylbenzene
Concen: 22.443 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

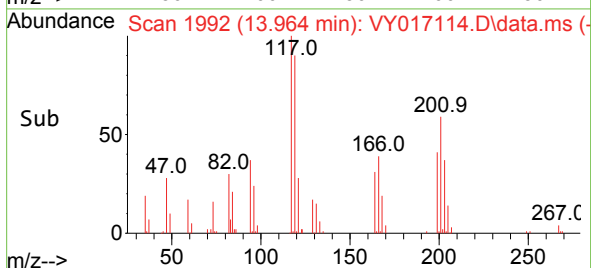
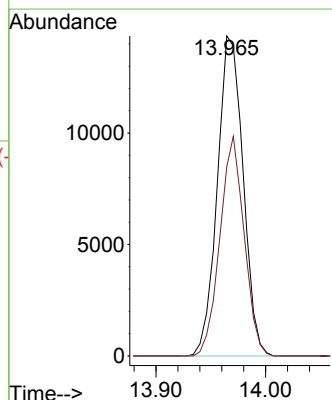
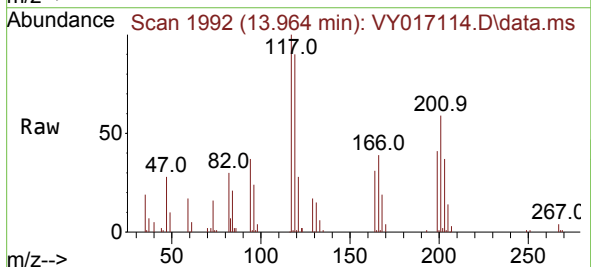
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

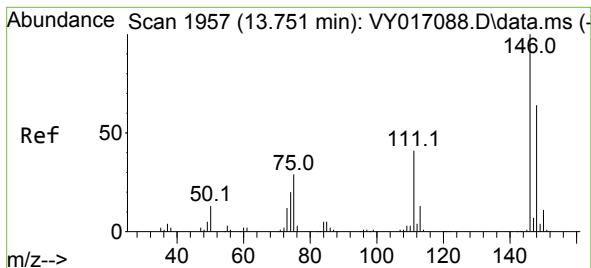
Tgt Ion: 91 Resp: 107268
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 23.7 12.3 36.8



#90
Hexachloroethane
Concen: 22.702 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.007 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 117 Resp: 23447
Ion Ratio Lower Upper
117 100
201 64.5 33.4 100.1

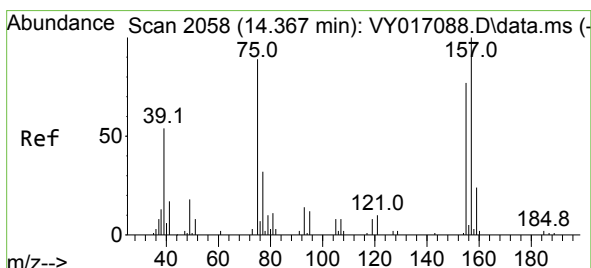
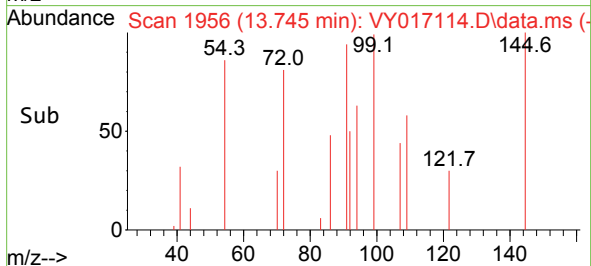
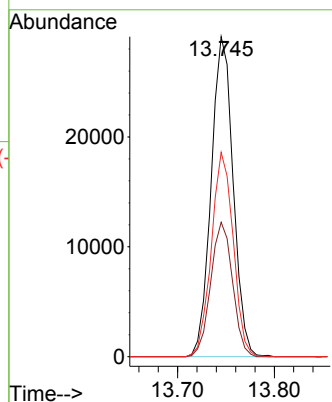
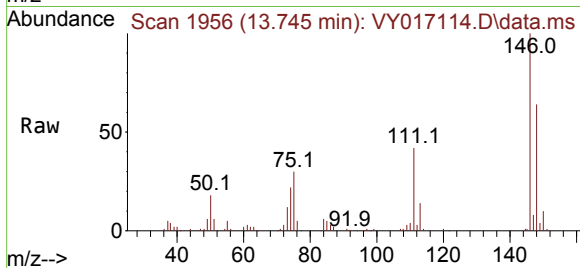




#91
1,2-Dichlorobenzene
Concen: 21.472 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

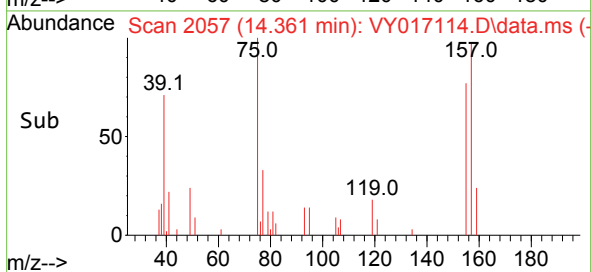
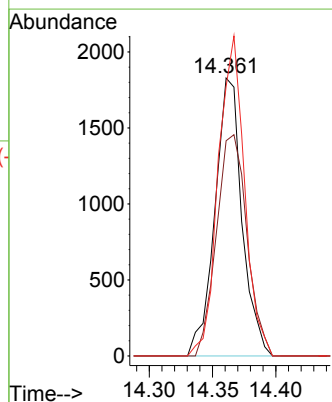
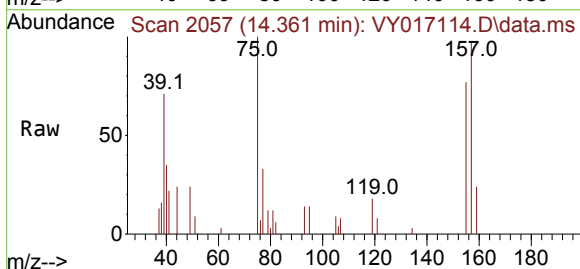
Instrument :
MSVOA_Y
ClientSampleId :
VY0126SBS01

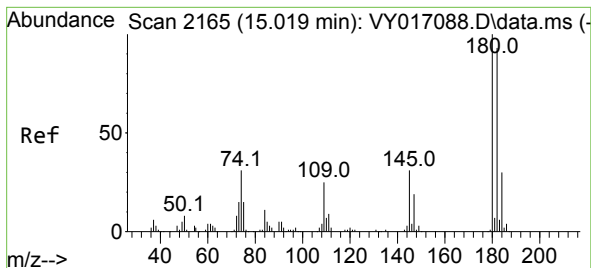
Tgt Ion:146 Resp: 45972
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.6
148 63.5 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.073 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY017114.D
Acq: 26 Jan 2024 12:01

Tgt Ion: 75 Resp: 2726
Ion Ratio Lower Upper
75 100
155 89.4 42.1 126.3
157 111.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.986 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

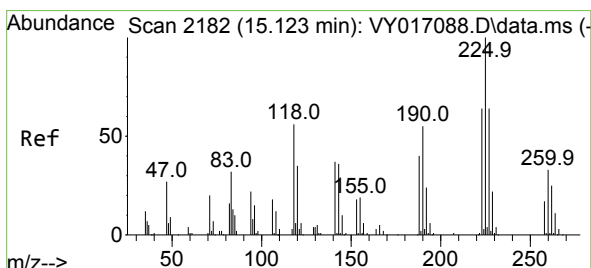
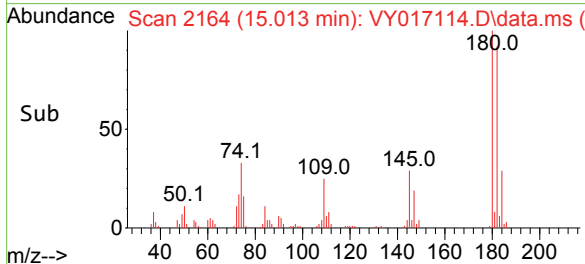
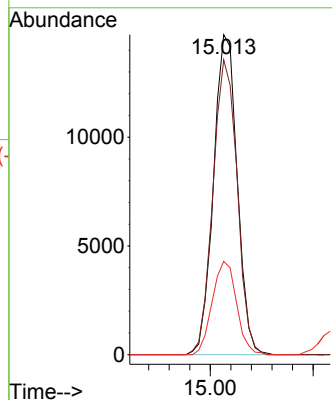
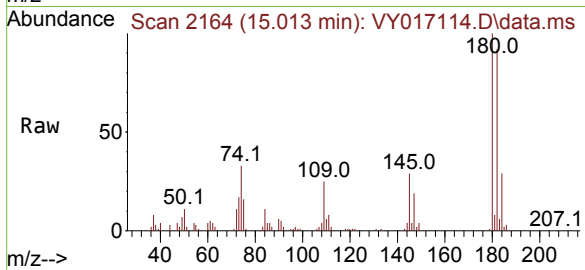
Tgt Ion:180 Resp: 23480

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 29.9 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.765 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

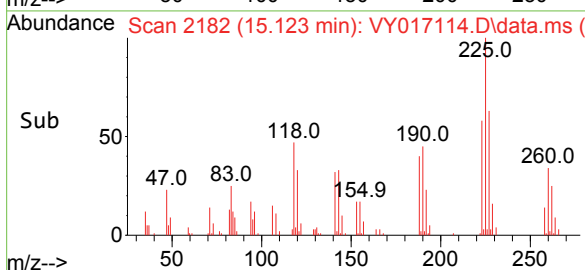
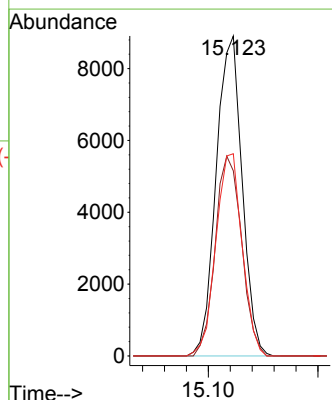
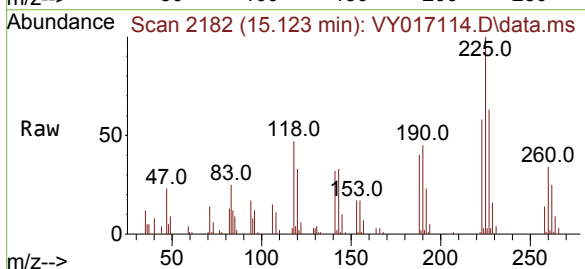
Tgt Ion:225 Resp: 14656

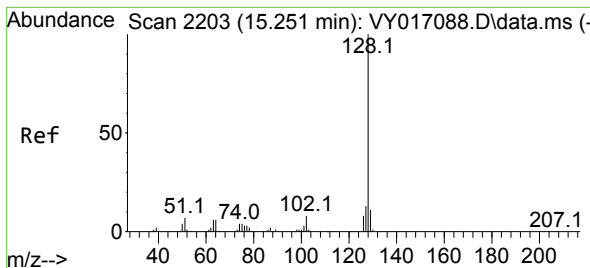
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 63.9 32.3 96.8





#95

Naphthalene

Concen: 19.404 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0126SBS01

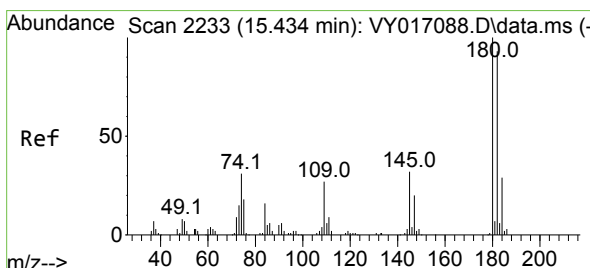
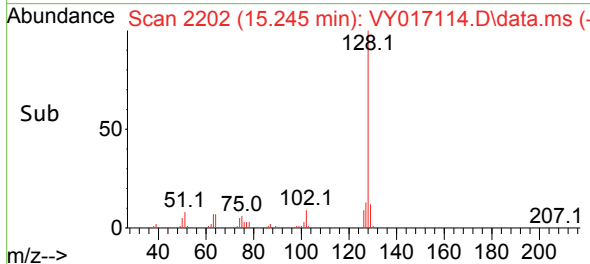
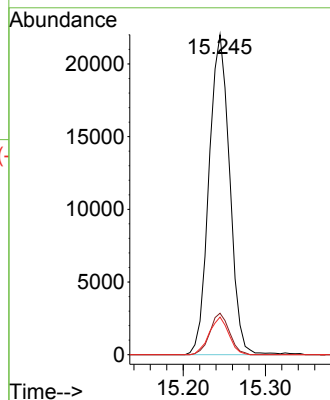
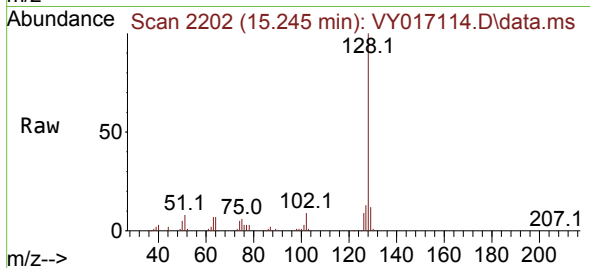
Tgt Ion:128 Resp: 38344

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.083 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017114.D

Acq: 26 Jan 2024 12:01

Tgt Ion:180 Resp: 19625

Ion Ratio Lower Upper

180 100

182 92.7 46.3 138.8

145 31.6 16.1 48.2

