

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016025.D
 Acq On : 18 Oct 2023 17:17
 Operator : SY/MD
 Sample : 04699-01 4.0PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 04:41:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 04:37:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	198339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	319995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	287690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146499	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112334	49.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.722	113	100324	47.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.260%
50) Toluene-d8	10.185	98	358490	46.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.483	95	127290	46.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.280%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	5971	3.643	ug/l	97
3) Chloromethane	2.113	50	8072	3.900	ug/l	97
4) Vinyl Chloride	2.247	62	8860	3.814	ug/l	95
5) Bromomethane	2.656	94	7110	4.196	ug/l	96
6) Chloroethane	2.790	64	5723	3.831	ug/l	97
7) Trichlorofluoromethane	3.125	101	15556	4.400	ug/l	92
8) Diethyl Ether	3.534	74	5204	4.167	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	8267	4.065	ug/l	92
10) Methyl Iodide	4.088	142	9906	3.731	ug/l	97
11) Tert butyl alcohol	5.009	59	592	1.701	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	7496	3.940	ug/l	88
13) Acrolein	3.741	56	6640	22.152	ug/l	99
14) Allyl chloride	4.485	41	11190	3.761	ug/l	97
15) Acrylonitrile	5.186	53	17332	23.261	ug/l	98
16) Acetone	3.985	43	21894	26.201	ug/l	92
17) Carbon Disulfide	4.192	76	20880	3.746	ug/l	100
18) Methyl Acetate	4.491	43	14403	5.008	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	24386	3.973	ug/l	97
20) Methylene Chloride	4.716	84	32503	13.093	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	8479	3.827	ug/l	91
22) Diisopropyl ether	6.131	45	24338	3.757	ug/l	97
23) Vinyl Acetate	6.070	43	77124	19.191	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	14438	3.757	ug/l	94
25) 2-Butanone	7.003	43	27533	24.055	ug/l	95
26) 2,2-Dichloropropane	6.984	77	12635	3.654	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	9892	3.876	ug/l	91
28) Bromochloromethane	7.332	49	6553	3.987	ug/l #	86
29) Tetrahydrofuran	7.368	42	16262	23.472	ug/l #	88
30) Chloroform	7.509	83	15895	3.857	ug/l	89
31) Cyclohexane	7.789	56	15355	4.352	ug/l #	77
32) 1,1,1-Trichloroethane	7.704	97	13542	3.673	ug/l	98
36) 1,1-Dichloropropene	7.923	75	11530	3.639	ug/l	99
37) Ethyl Acetate	7.088	43	9823	4.300	ug/l #	90
38) Carbon Tetrachloride	7.905	117	12376	3.675	ug/l	93
39) Methylcyclohexane	9.191	83	13530	3.417	ug/l	87
40) Benzene	8.161	78	33023	3.698	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	5280	4.456	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	11481	3.991	ug/l	92
43) Isopropyl Acetate	8.277	43	16998	4.256	ug/l	98
44) Trichloroethene	8.947	130	9806	3.916	ug/l	98
45) 1,2-Dichloropropane	9.222	63	8420	3.767	ug/l	98
46) Dibromomethane	9.313	93	5930	3.996	ug/l	96
47) Bromodichloromethane	9.502	83	12144	3.734	ug/l	100
48) Methyl methacrylate	9.301	41	7292	4.011	ug/l	95
49) 1,4-Dioxane	9.344	88	1347	57.009	ug/l #	1
51) 4-Methyl-2-Pentanone	10.075	43	51114	22.257	ug/l	94
52) Toluene	10.246	92	22105	3.816	ug/l	92
53) t-1,3-Dichloropropene	10.471	75	12857	3.649	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	14040	3.656	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	8348	4.095	ug/l	95
56) Ethyl methacrylate	10.514	69	10815	3.630	ug/l	89
57) 1,3-Dichloropropane	10.795	76	13658	3.949	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.789	63	30947	21.626	ug/l	95
59) 2-Hexanone	10.837	43	39209	22.440	ug/l	91
60) Dibromochloromethane	10.990	129	9722	3.943	ug/l	98
61) 1,2-Dibromoethane	11.093	107	8517	4.105	ug/l	98
64) Tetrachloroethene	10.721	164	8603	3.856	ug/l	95
65) Chlorobenzene	11.520	112	24091	3.867	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	8666	3.690	ug/l	98
67) Ethyl Benzene	11.593	91	40366	3.661	ug/l	98
68) m/p-Xylenes	11.709	106	30871	7.181	ug/l	97
69) o-Xylene	12.032	106	14440	3.531	ug/l	98
70) Styrene	12.050	104	24800	3.558	ug/l	95
71) Bromoform	12.209	173	6833	4.135	ug/l #	97
73) Isopropylbenzene	12.337	105	38122	3.479	ug/l	99
74) N-amyl acetate	12.148	43	12962	3.745	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	12254	4.465	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	14802	7.136	ug/l #	100
77) Bromobenzene	12.611	156	10400	3.910	ug/l	96
78) n-propylbenzene	12.672	91	46687	3.537	ug/l	96
79) 2-Chlorotoluene	12.764	91	26728	3.608	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	32602	3.592	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	3495	3.678	ug/l	98
82) 4-Chlorotoluene	12.861	91	28578	3.696	ug/l	98
83) tert-Butylbenzene	13.081	119	28071	3.527	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	31818	3.530	ug/l	97
85) sec-Butylbenzene	13.258	105	42650	3.588	ug/l	99
86) p-Isopropyltoluene	13.373	119	34332	3.456	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	19441	3.757	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	20157	3.868	ug/l	95
89) n-Butylbenzene	13.696	91	32691	3.535	ug/l	97
90) Hexachloroethane	13.965	117	7153	3.777	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	18664	3.928	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2318	4.437	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	11229	3.710	ug/l	98
94) Hexachlorobutadiene	15.117	225	6258	3.806	ug/l	98
95) Naphthalene	15.239	128	28512	3.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10533	3.810	ug/l	99

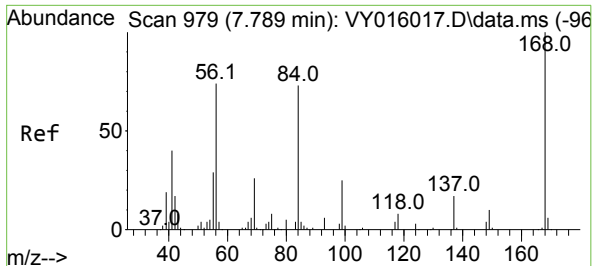
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
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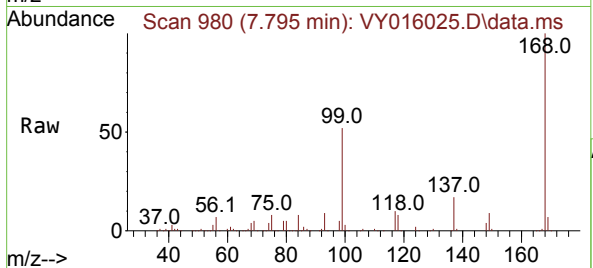
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

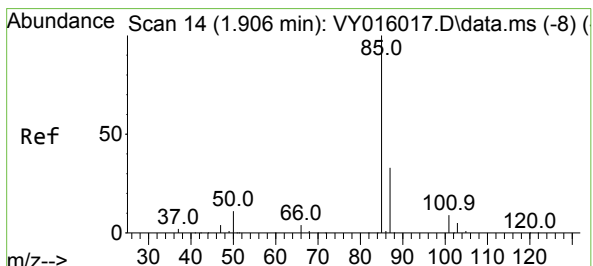
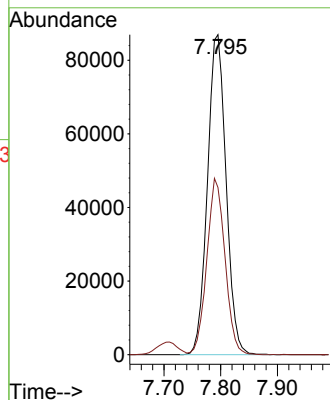
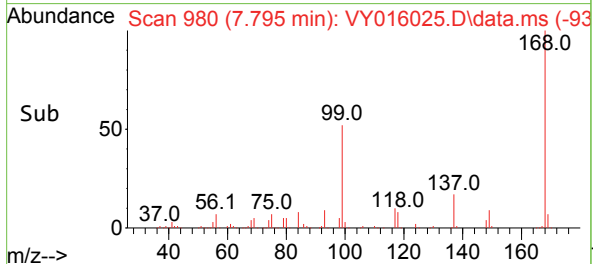


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

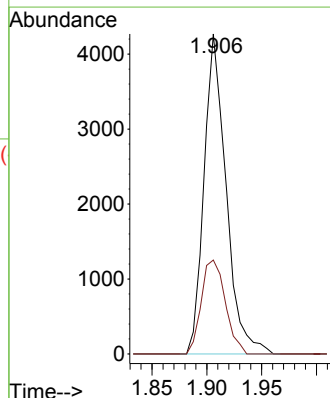
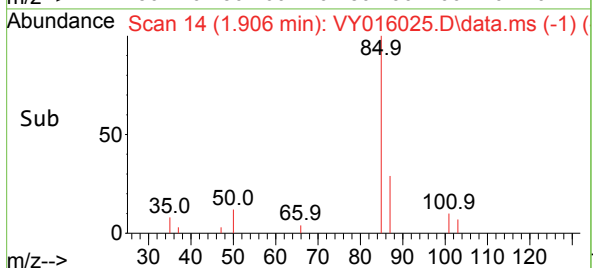
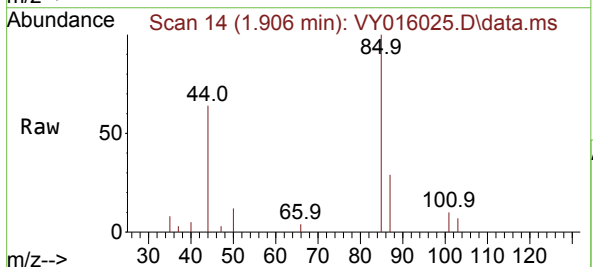


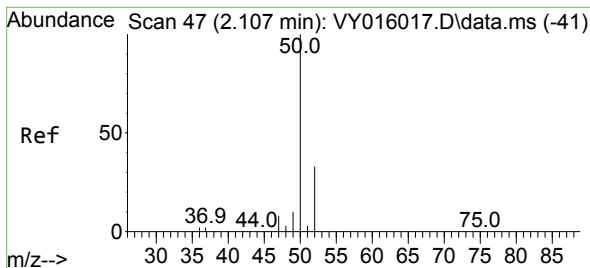
Tgt Ion:168 Resp: 198339
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 3.643 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 85 Resp: 5971
Ion Ratio Lower Upper
85 100
87 29.4 15.6 46.8





#3

Chloromethane

Concen: 3.900 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

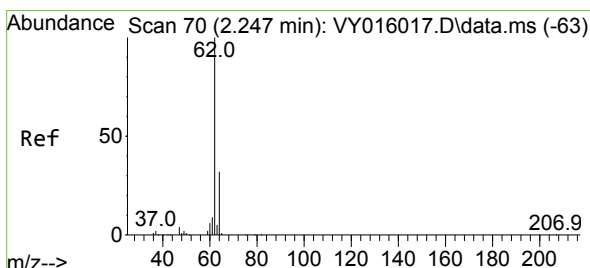
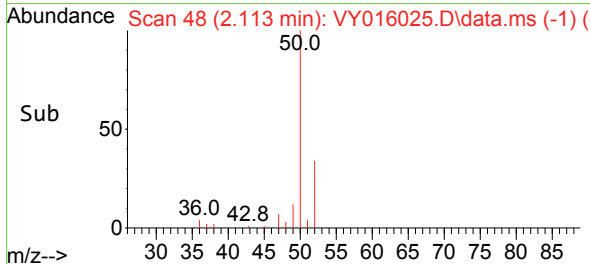
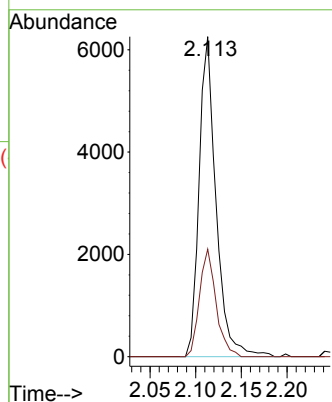
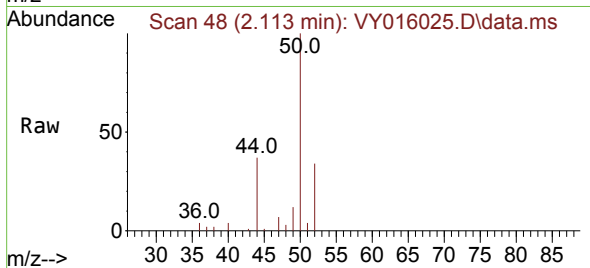
ClientSampleId :

Tgt Ion: 50 Resp: 8072

Ion Ratio Lower Upper

50 100

52 33.6 25.4 38.2



#4

Vinyl Chloride

Concen: 3.814 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY016025.D

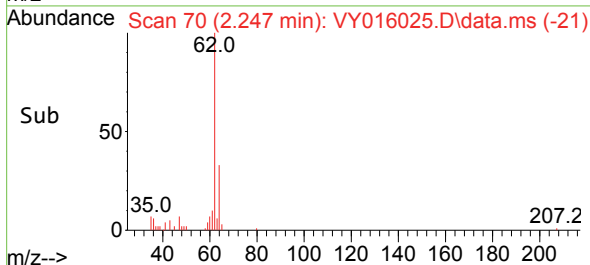
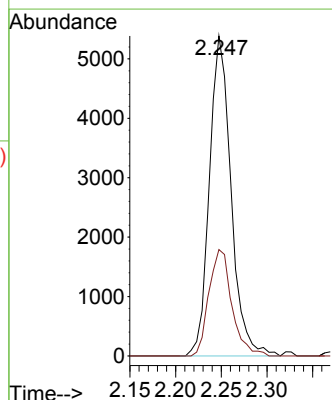
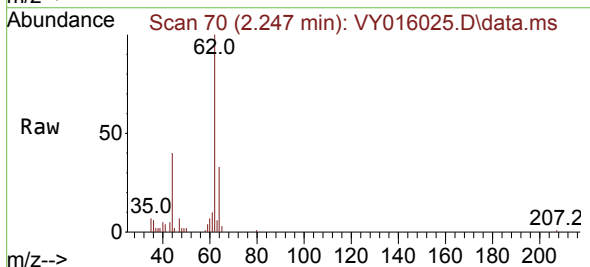
Acq: 18 Oct 2023 17:17

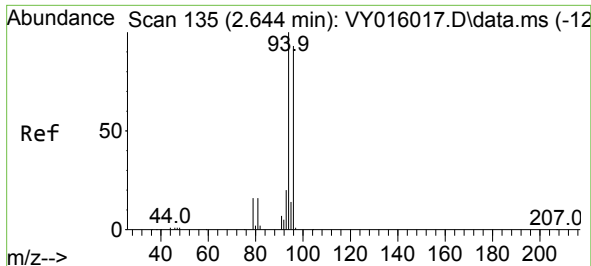
Tgt Ion: 62 Resp: 8860

Ion Ratio Lower Upper

62 100

64 33.2 24.3 36.5





#5

Bromomethane

Concen: 4.196 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.012 min

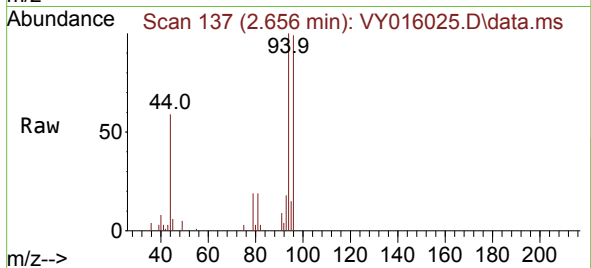
Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

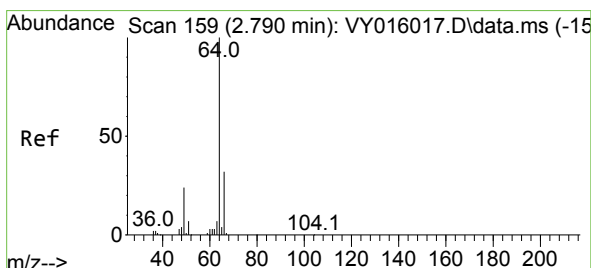
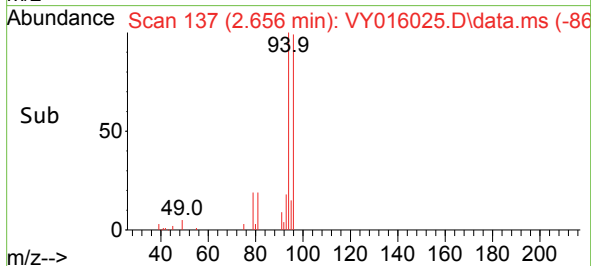
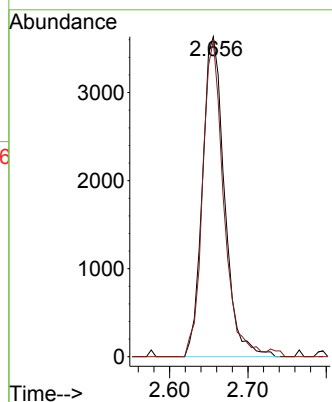


Tgt Ion: 94 Resp: 7110

Ion Ratio Lower Upper

94 100

96 98.8 75.8 113.6



#6

Chloroethane

Concen: 3.831 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.000 min

Lab File: VY016025.D

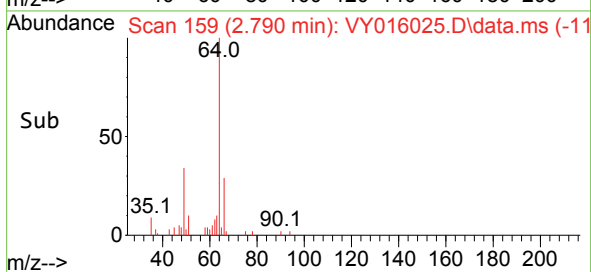
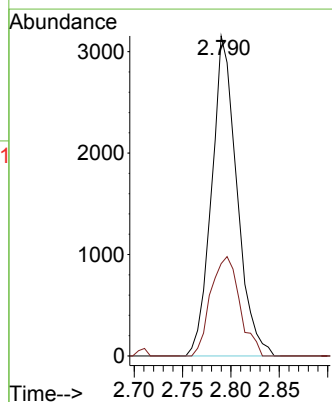
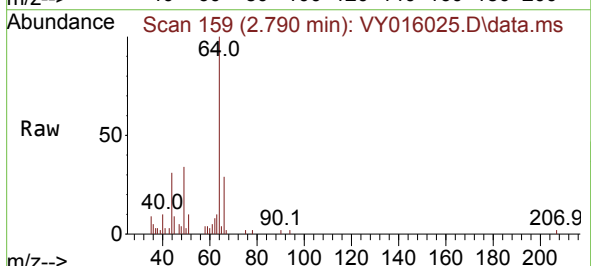
Acq: 18 Oct 2023 17:17

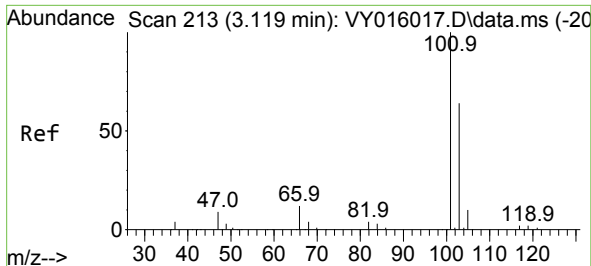
Tgt Ion: 64 Resp: 5723

Ion Ratio Lower Upper

64 100

66 28.8 24.4 36.6

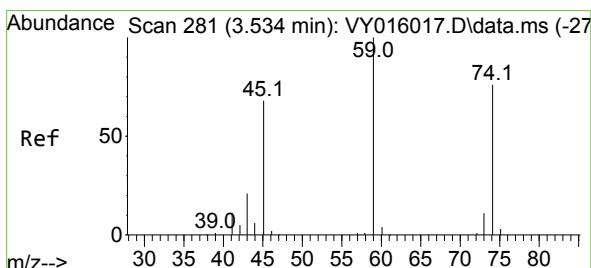
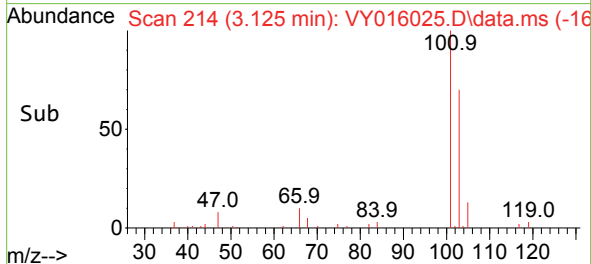
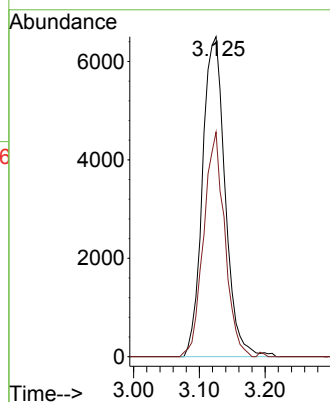
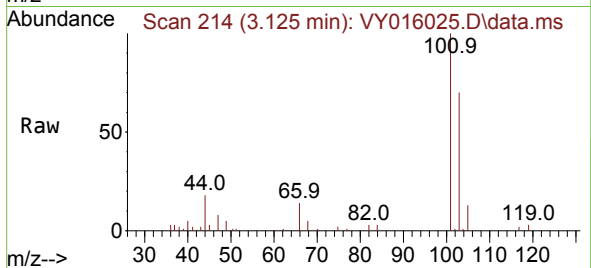




#7
Trichlorofluoromethane
Concen: 4.400 ug/l
RT: 3.125 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

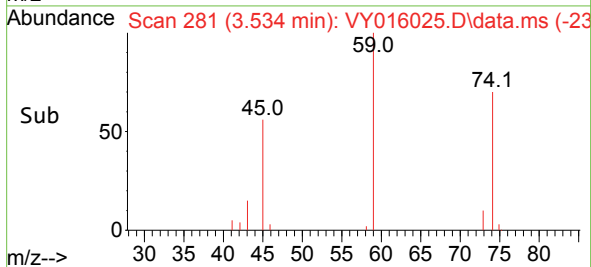
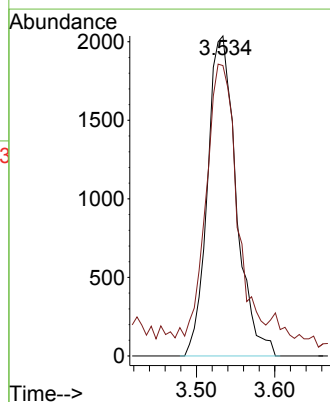
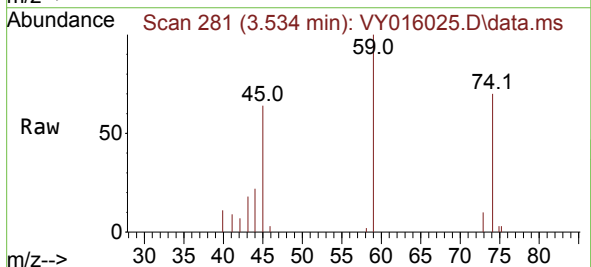
Instrument :
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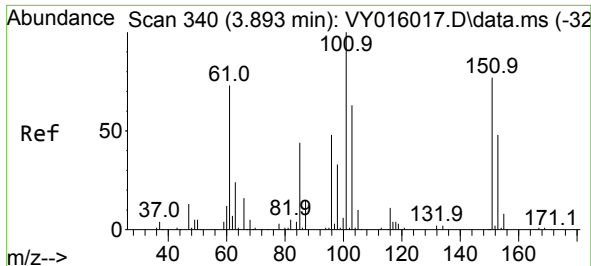
Tgt Ion:101 Resp: 15556
Ion Ratio Lower Upper
101 100
103 70.2 51.4 77.0



#8
Diethyl Ether
Concen: 4.167 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 74 Resp: 5204
Ion Ratio Lower Upper
74 100
45 89.7 51.5 154.5

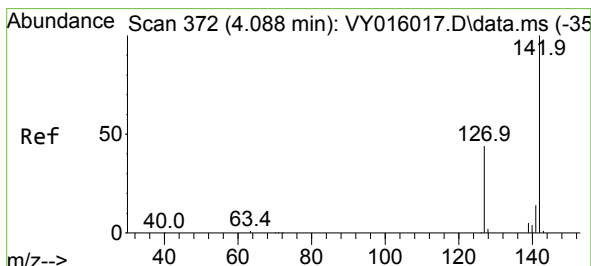
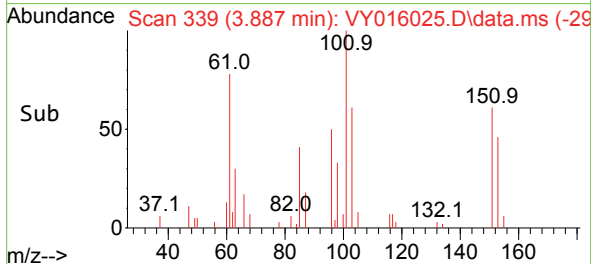
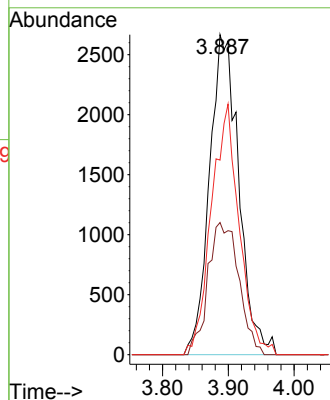
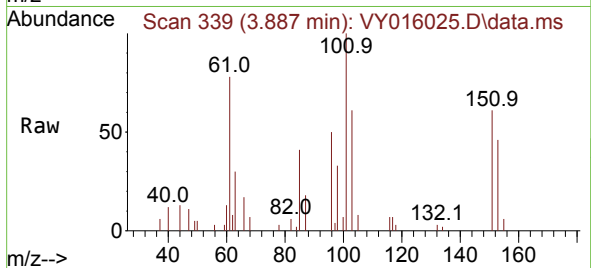




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.065 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY016025.D
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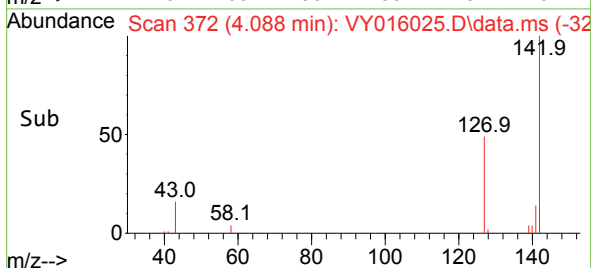
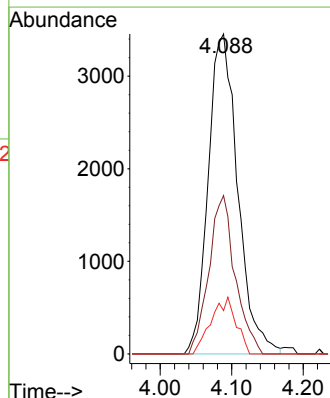
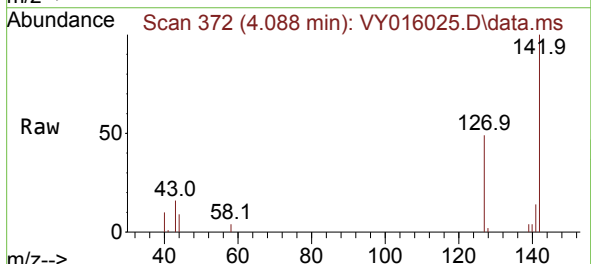
Instrument :
MSVOA_Y
ClientSampleId :

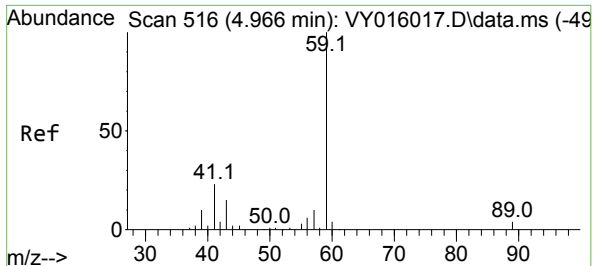
Tgt Ion:101 Resp: 8267
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 74.4 67.0 100.6



#10
Methyl Iodide
Concen: 3.731 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion:142 Resp: 9906
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.9 11.8 17.8

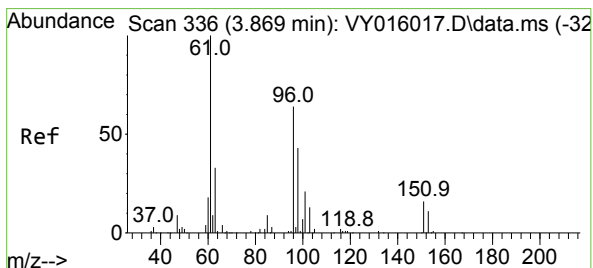
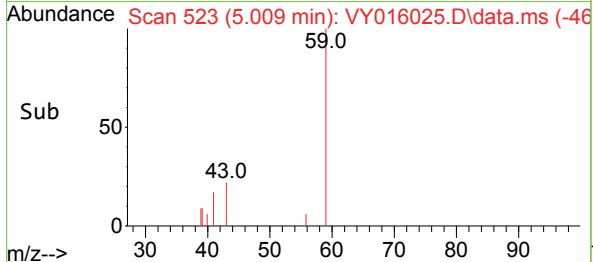
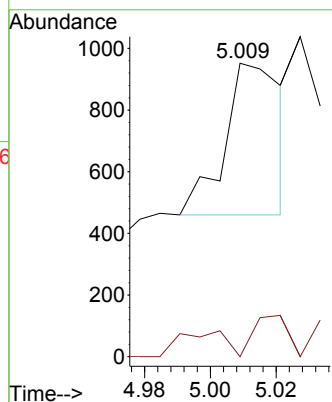
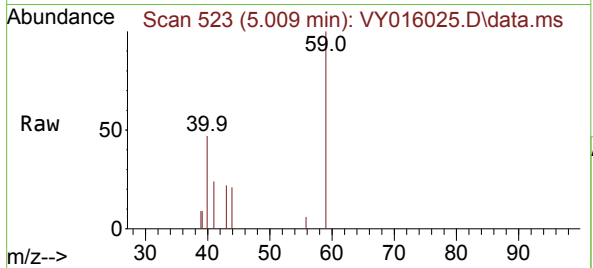




#11
Tert butyl alcohol
Concen: 1.701 ug/l
RT: 5.009 min Scan# 516
Delta R.T. 0.043 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

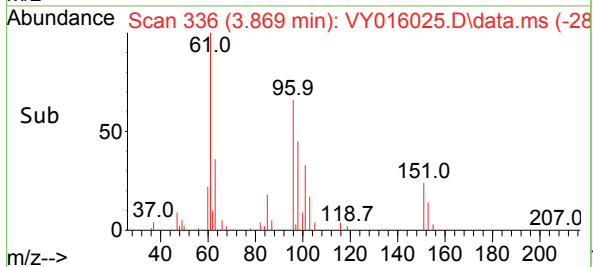
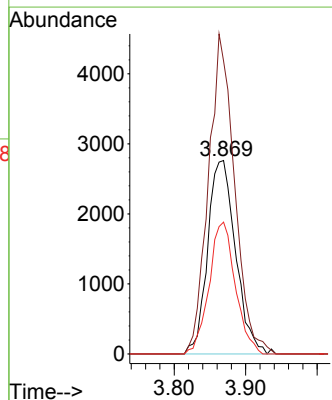
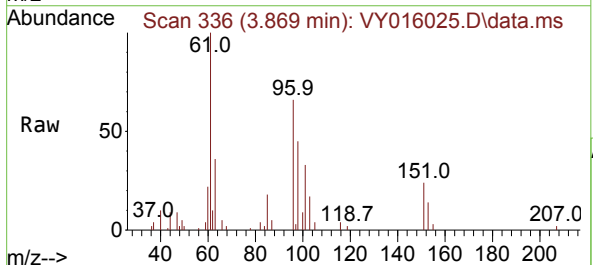
Instrument :
MSVOA_Y
ClientSampleId :

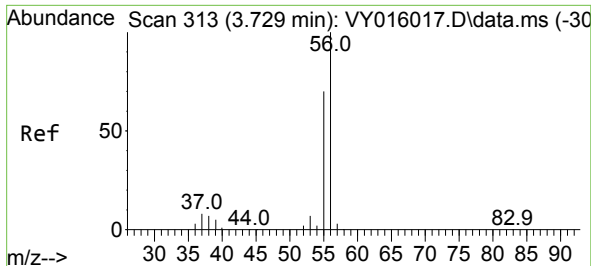
Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 3.940 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 96 Resp: 7496
Ion Ratio Lower Upper
96 100
61 151.4 136.4 204.6
98 68.1 49.4 74.2





#13

Acrolein

Concen: 22.152 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

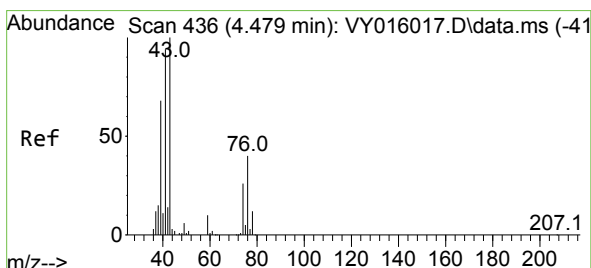
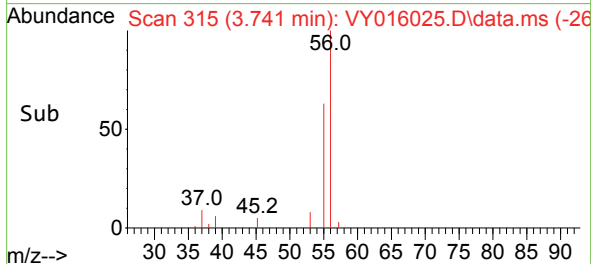
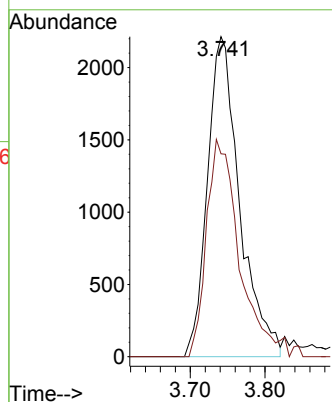
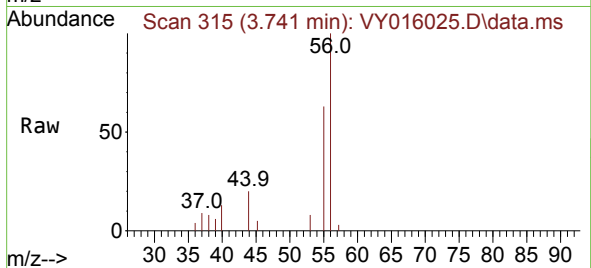
ClientSampleId :

Tgt Ion: 56 Resp: 6640

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 3.761 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

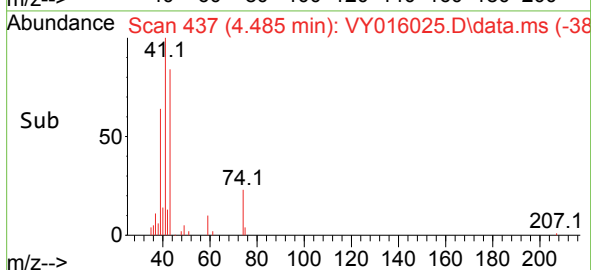
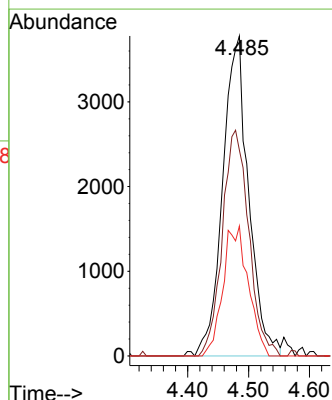
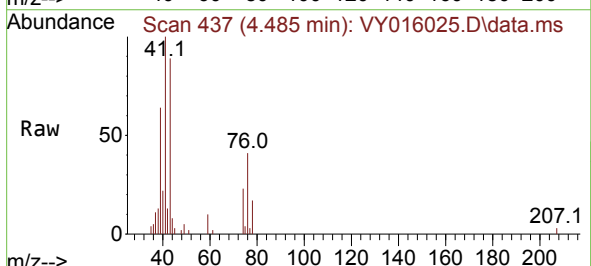
Tgt Ion: 41 Resp: 11190

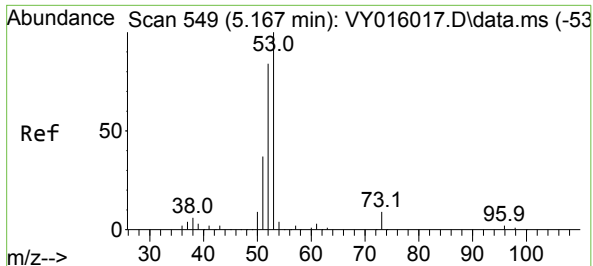
Ion Ratio Lower Upper

41 100

39 72.0 58.0 87.0

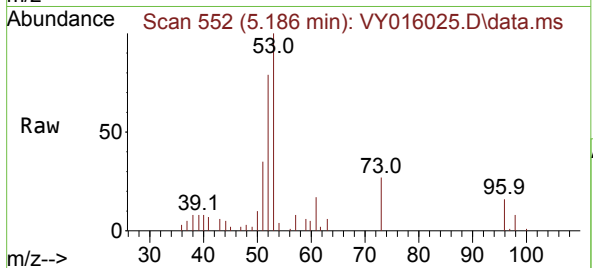
76 39.6 27.4 41.2



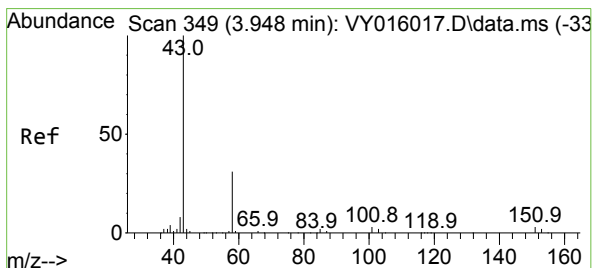
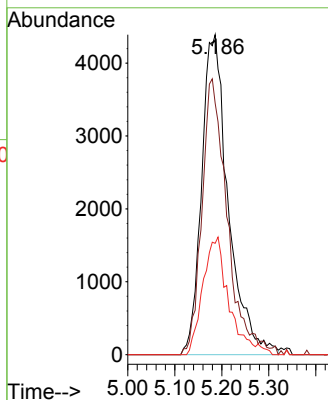
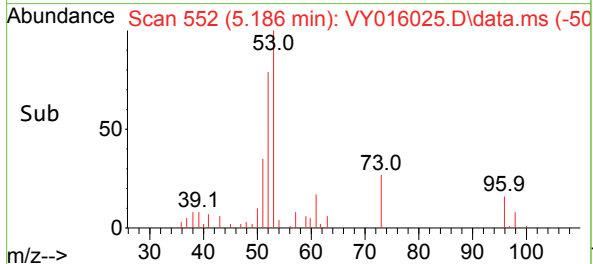


#15
Acrylonitrile
Concen: 23.261 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

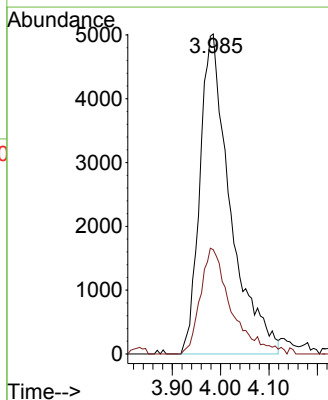
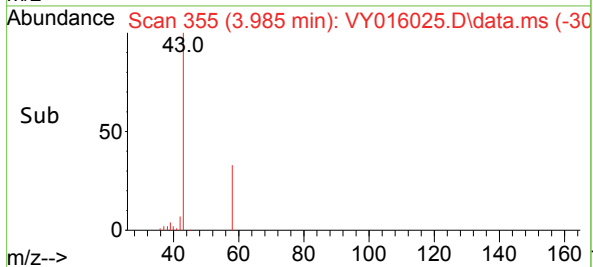
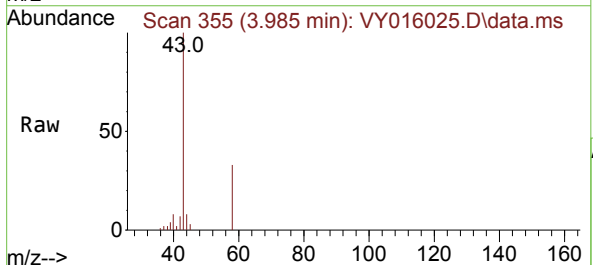


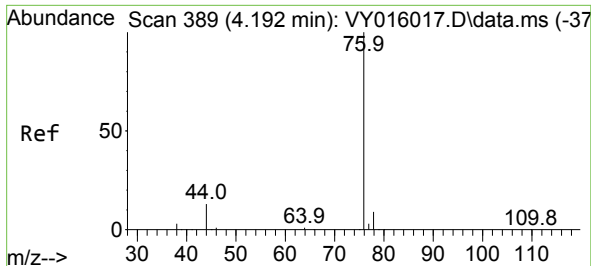
Tgt Ion: 53	Resp: 17332
Ion Ratio	Lower Upper
53 100	
52 81.9	66.9 100.3
51 36.1	29.8 44.6



#16
Acetone
Concen: 26.201 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.037 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 43	Resp: 21894
Ion Ratio	Lower Upper
43 100	
58 32.6	22.7 34.1

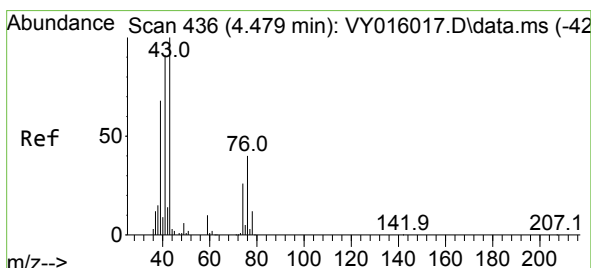
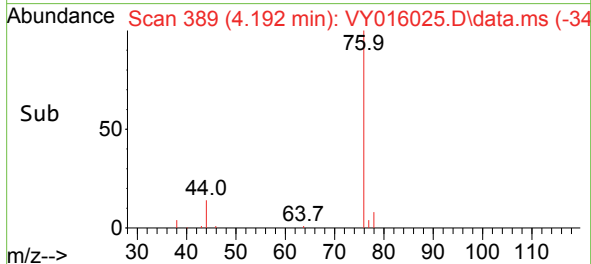
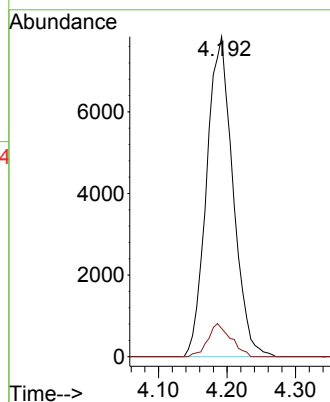
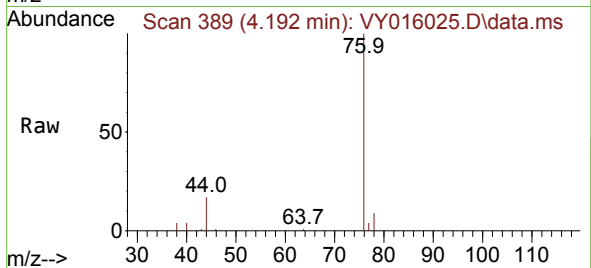




#17
Carbon Disulfide
Concen: 3.746 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

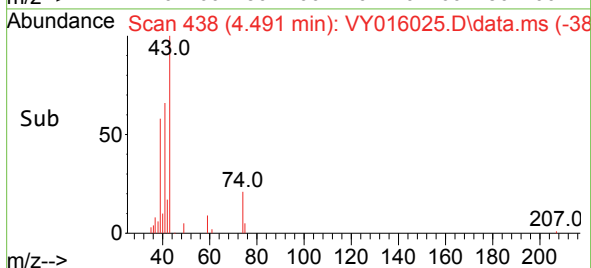
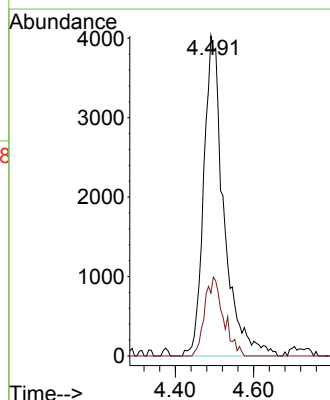
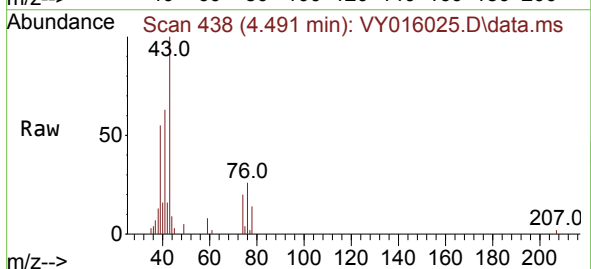
Instrument :
MSVOA_Y
ClientSampleId :

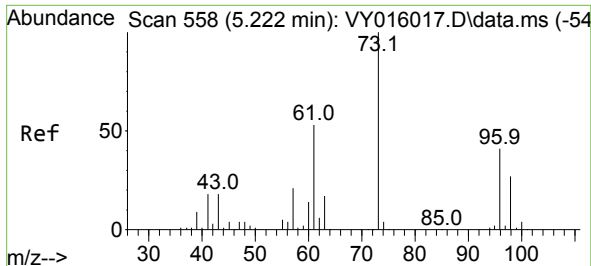
Tgt Ion: 76 Resp: 20880
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 5.008 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 43 Resp: 14403
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 3.973 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

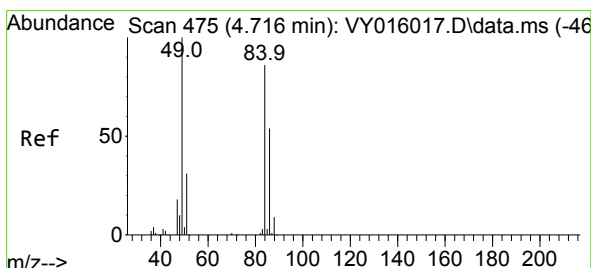
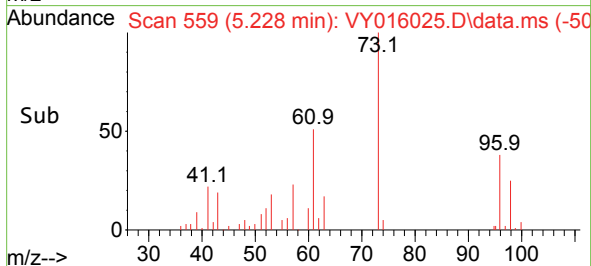
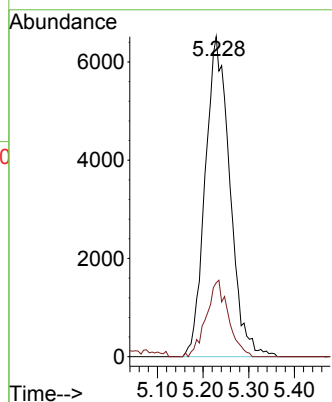
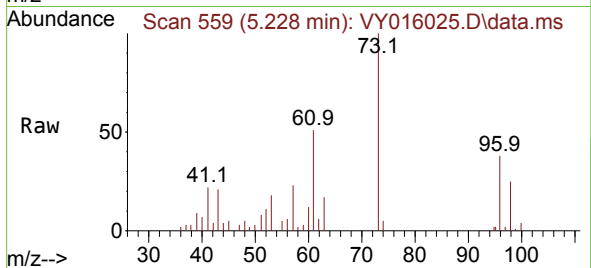
ClientSampleId :

Tgt Ion: 73 Resp: 24386

Ion Ratio Lower Upper

73 100

57 23.1 17.3 25.9



#20

Methylene Chloride

Concen: 13.093 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Tgt Ion: 84 Resp: 32503

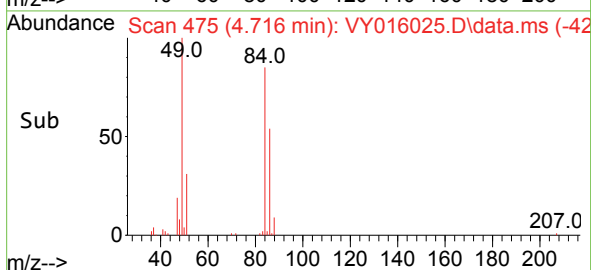
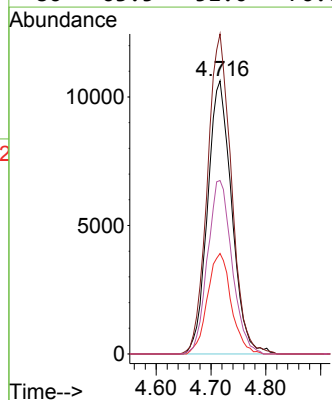
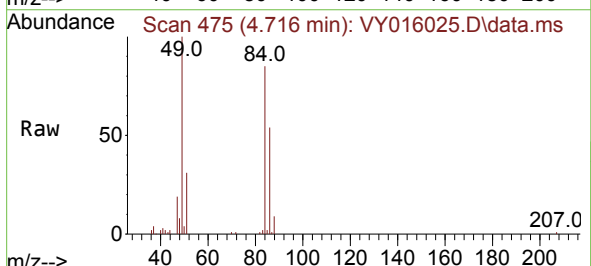
Ion Ratio Lower Upper

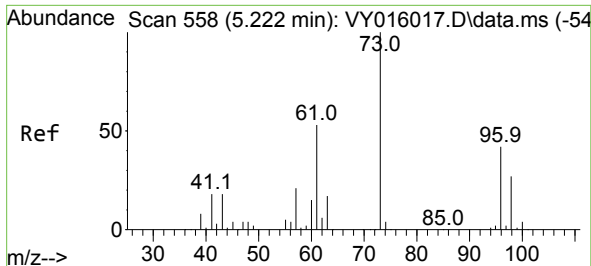
84 100

49 117.2 106.9 160.3

51 36.8 33.2 49.8

86 63.5 51.0 76.6

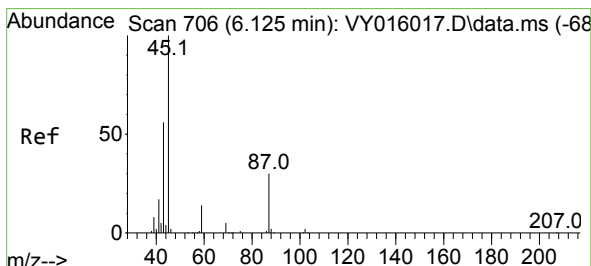
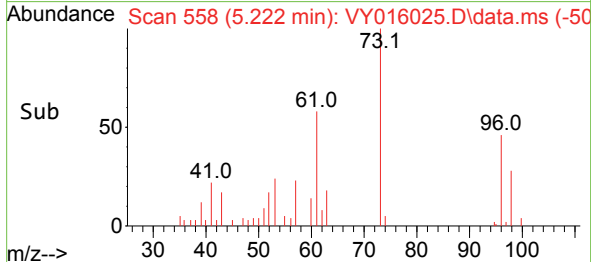
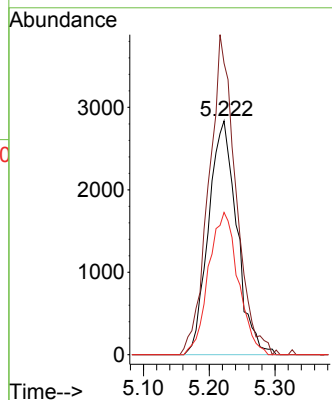
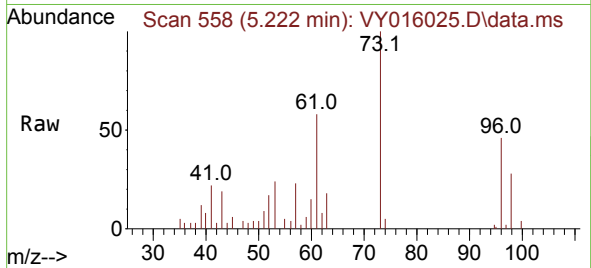




#21
trans-1,2-Dichloroethene
Concen: 3.827 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

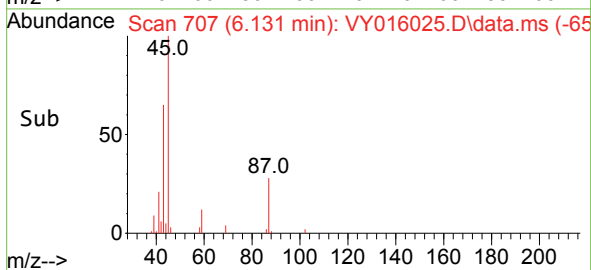
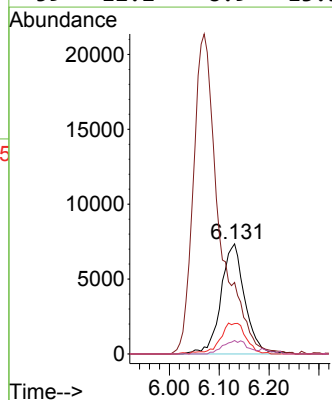
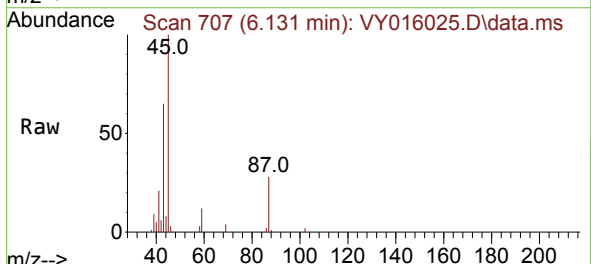
Instrument :
MSVOA_Y
ClientSampleId :

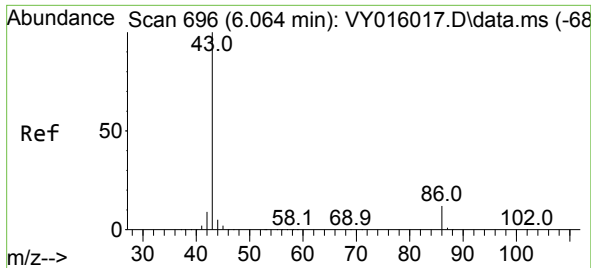
Tgt Ion: 96 Resp: 8479
Ion Ratio Lower Upper
96 100
61 124.7 110.2 165.4
98 60.8 51.8 77.6



#22
Diisopropyl ether
Concen: 3.757 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 45 Resp: 24338
Ion Ratio Lower Upper
45 100
43 62.6 52.2 78.4
87 27.6 21.0 31.6
59 12.2 8.9 13.3

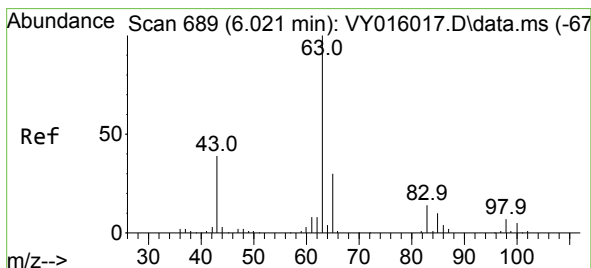
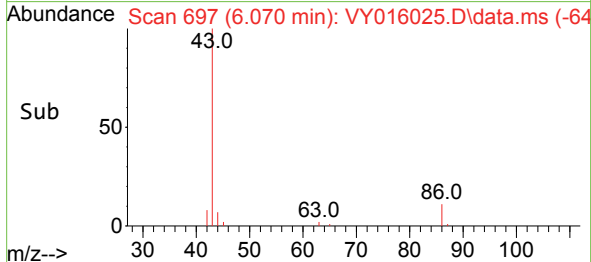
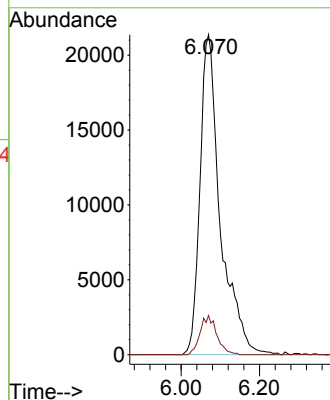
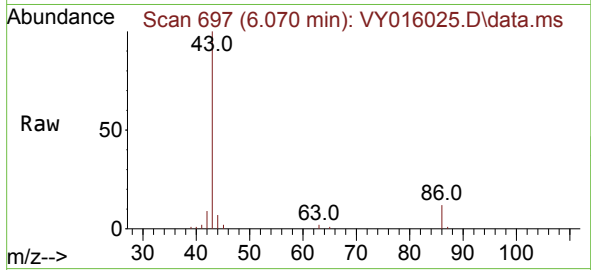




#23
 Vinyl Acetate
 Concen: 19.191 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY016025.D
 Acq: 18 Oct 2023 17:17

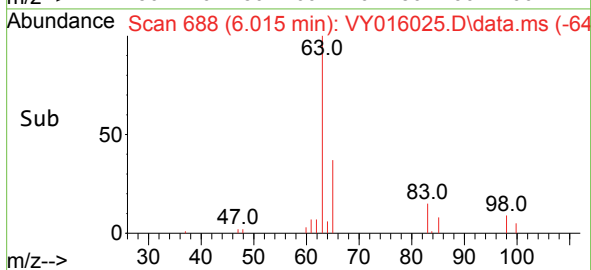
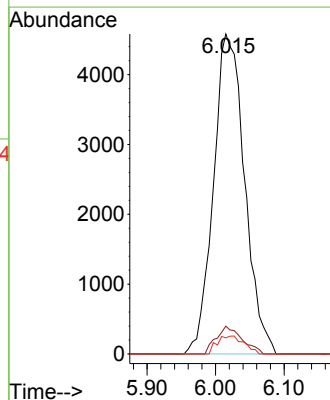
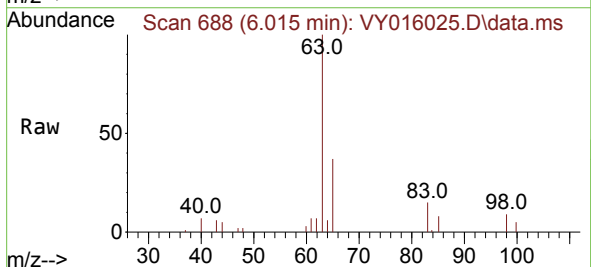
Instrument :
 MSVOA_Y
 ClientSampleId :

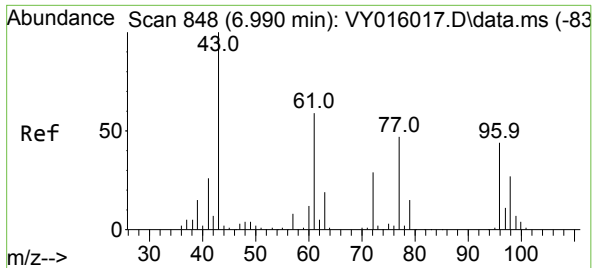
Tgt Ion: 43 Resp: 77124
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 3.757 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016025.D
 Acq: 18 Oct 2023 17:17

Tgt Ion: 63 Resp: 14438
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.1 9.4
 100 5.1 1.8 5.5

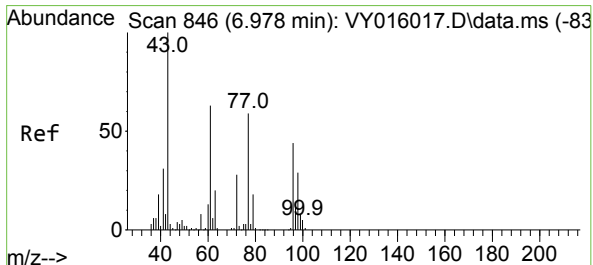
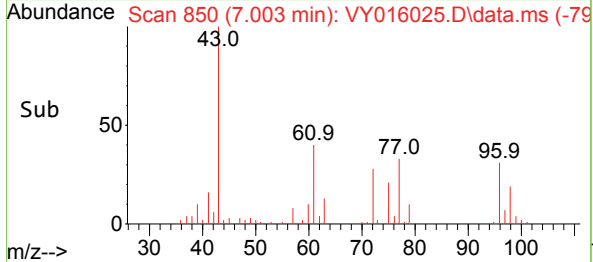
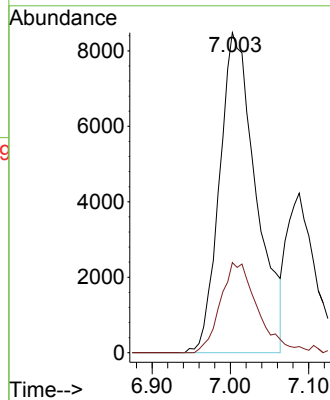
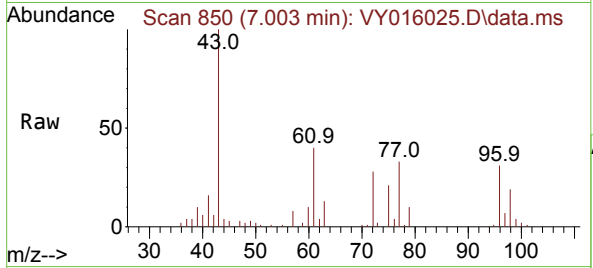




#25
2-Butanone
Concen: 24.055 ug/l
RT: 7.003 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

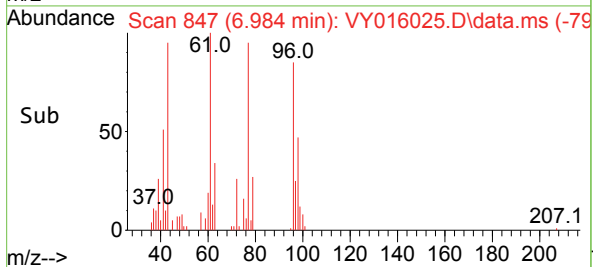
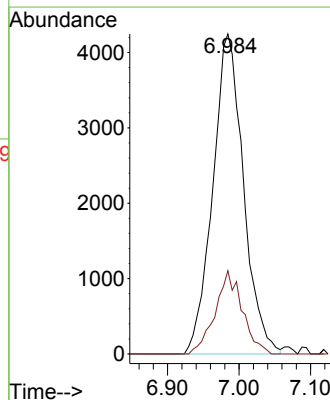
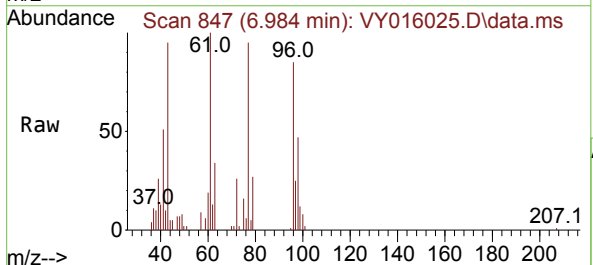
Instrument :
MSVOA_Y
ClientSampleId :

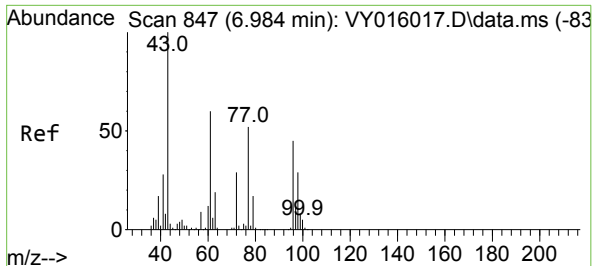
Tgt Ion: 43 Resp: 27533
Ion Ratio Lower Upper
43 100
72 28.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 3.654 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 77 Resp: 12635
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 3.876 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

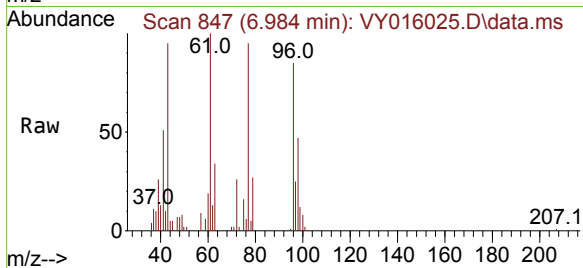
Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :



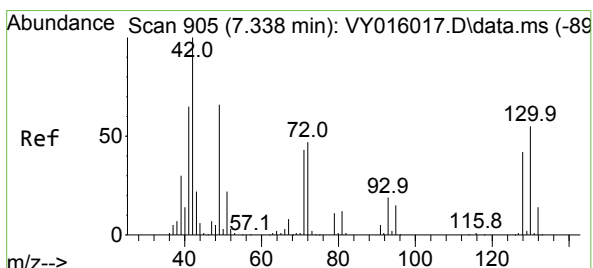
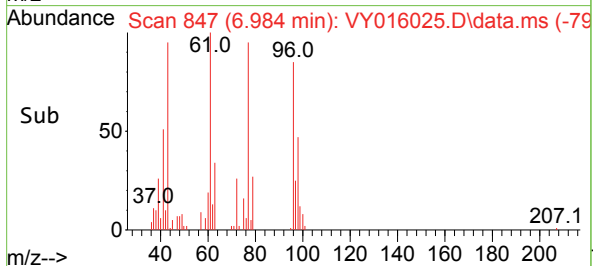
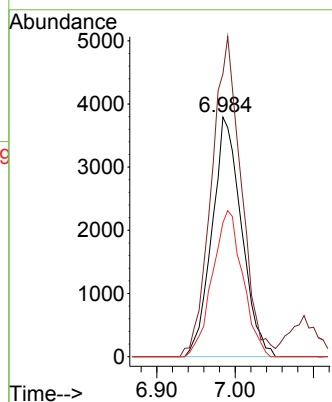
Tgt Ion: 96 Resp: 9892

Ion Ratio Lower Upper

96 100

61 135.4 0.0 301.4

98 62.8 0.0 130.4



#28

Bromochloromethane

Concen: 3.987 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

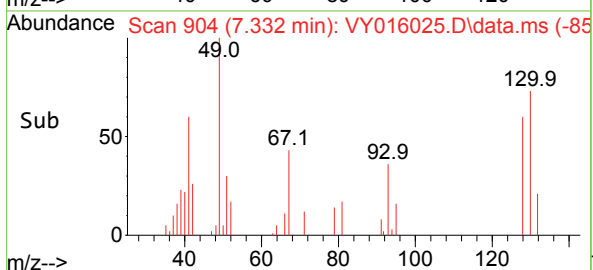
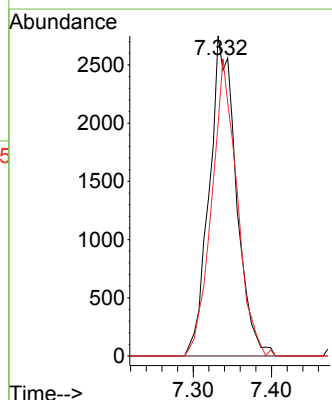
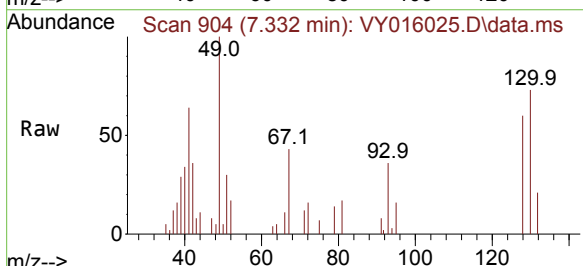
Tgt Ion: 49 Resp: 6553

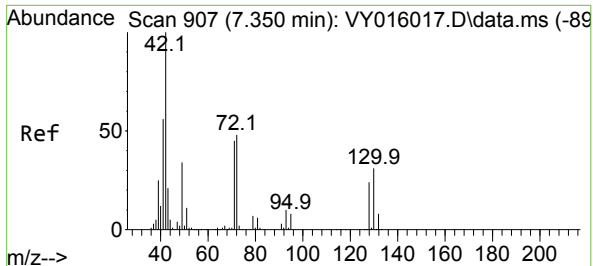
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 87.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 23.472 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

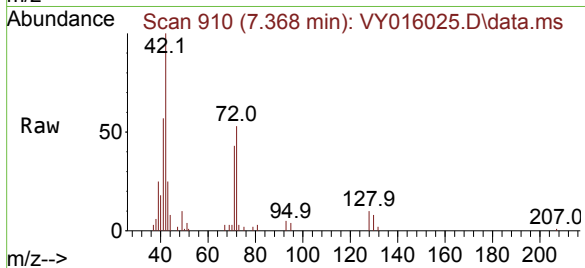
Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

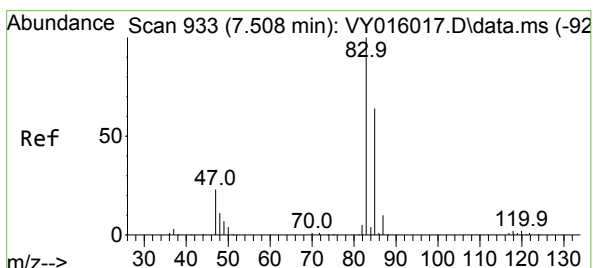
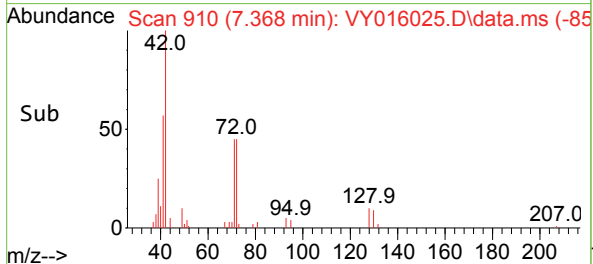
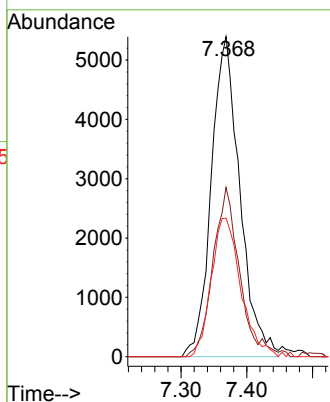
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	16262
Ion	Ratio	Lower	Upper
42	100		
72	49.5	32.8	49.2#
71	44.8	31.0	46.4



#30

Chloroform

Concen: 3.857 ug/l

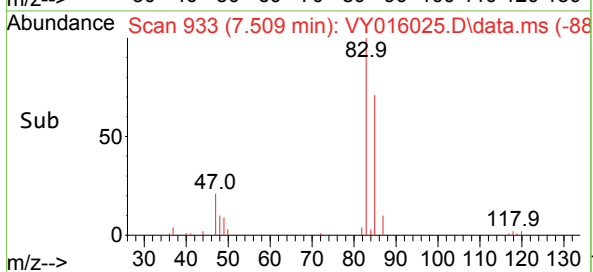
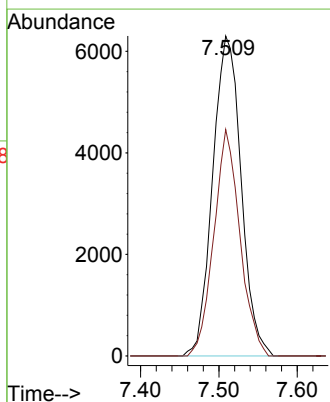
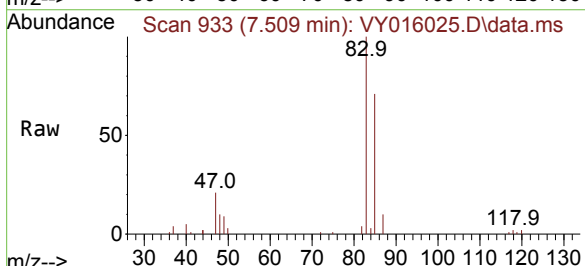
RT: 7.509 min Scan# 933

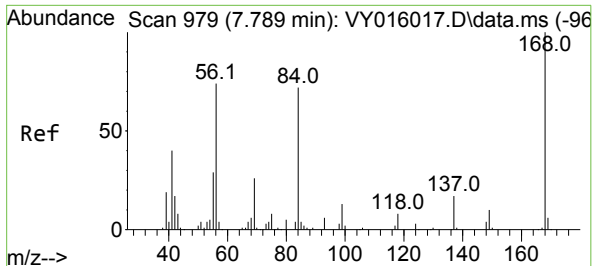
Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

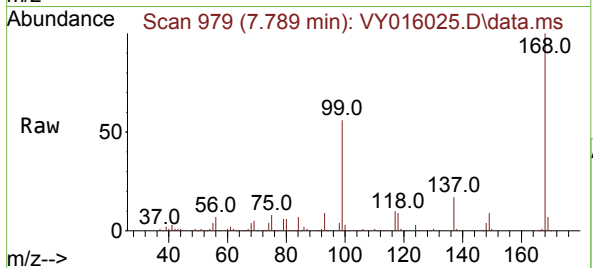
Tgt Ion:	83	Resp:	15895
Ion	Ratio	Lower	Upper
83	100		
85	70.7	49.7	74.5



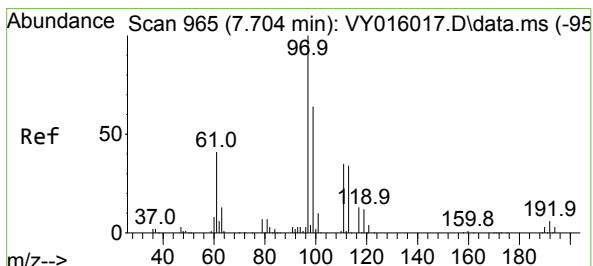
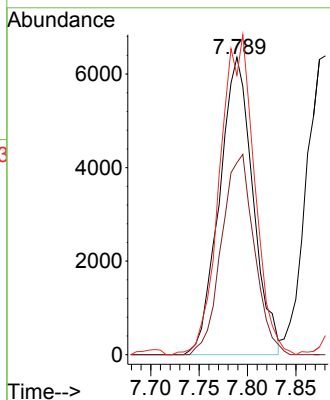
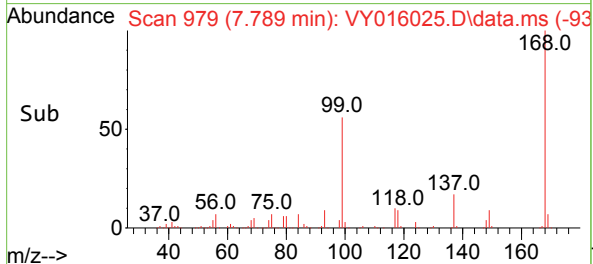


#31
Cyclohexane
Concen: 4.352 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

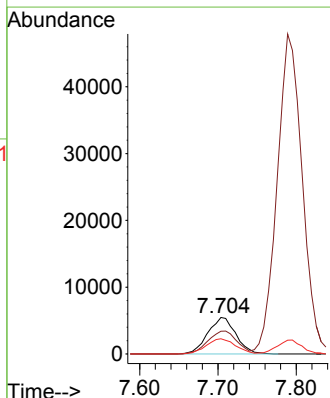
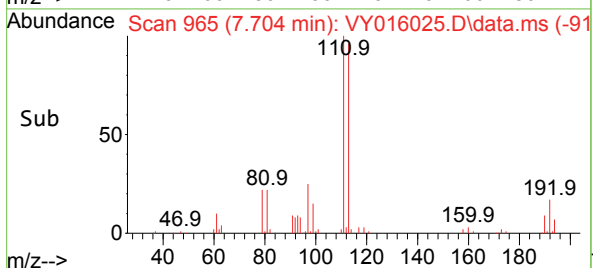
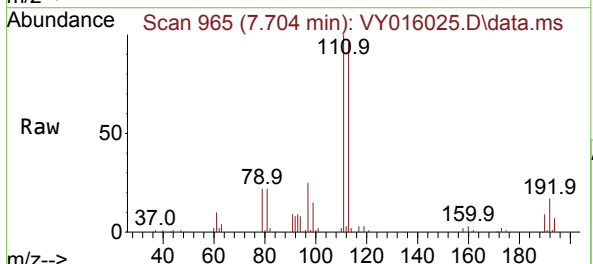


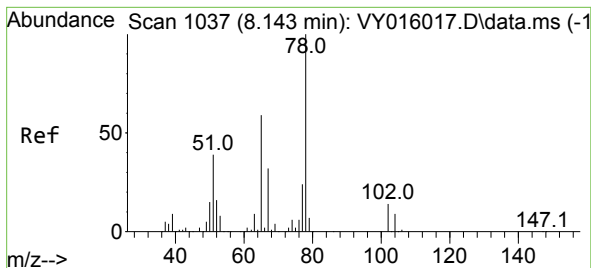
Tgt Ion: 56 Resp: 15355
Ion Ratio Lower Upper
56 100
69 64.6 27.8 41.6#
84 93.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 3.673 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 97 Resp: 13542
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 43.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.832 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

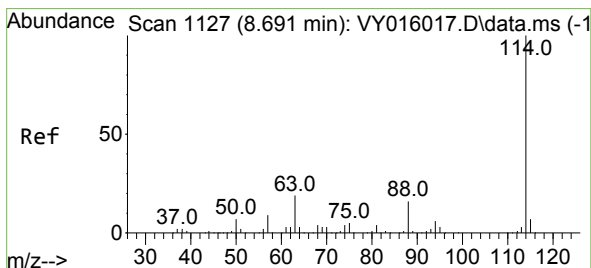
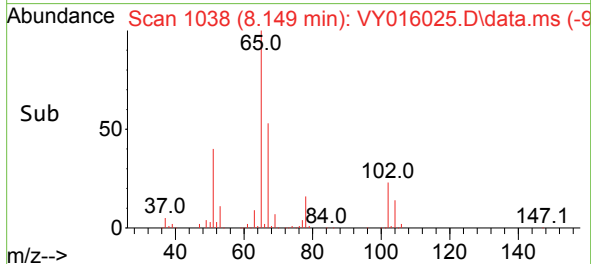
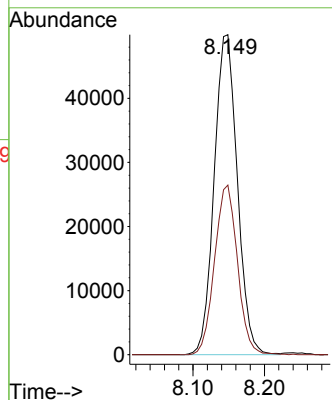
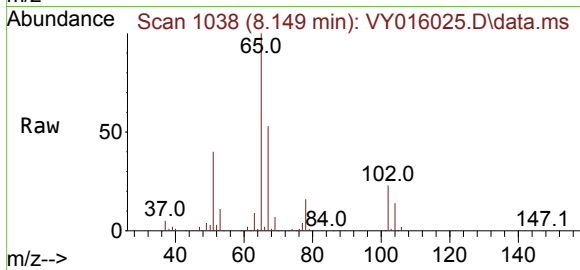
ClientSampleId :

Tgt Ion: 65 Resp: 112334

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

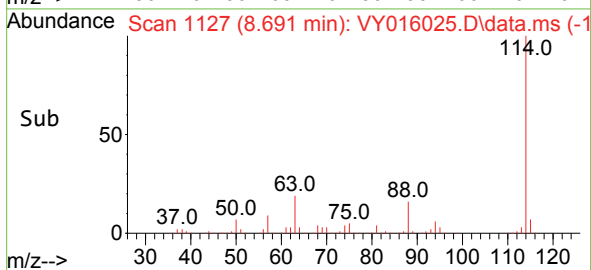
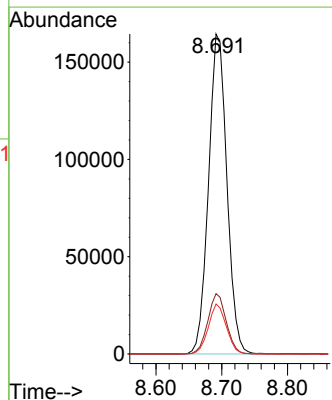
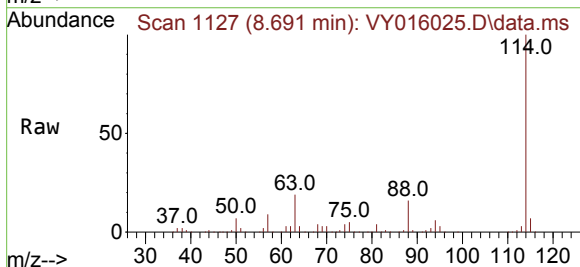
Tgt Ion:114 Resp: 319995

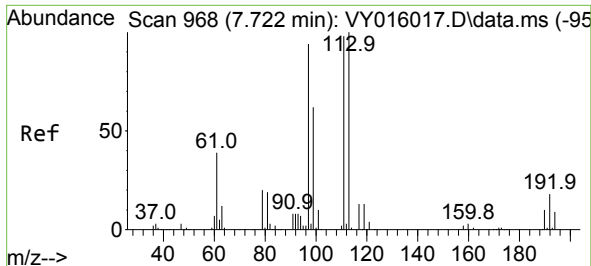
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

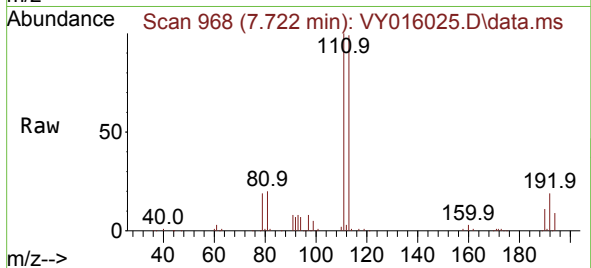
88 15.6 0.0 30.6



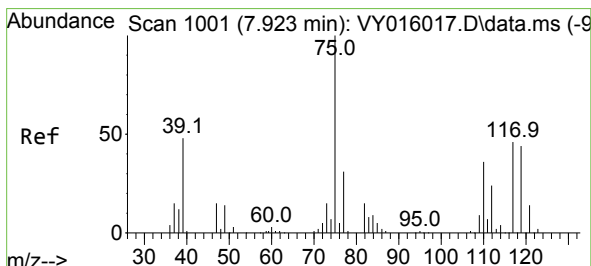
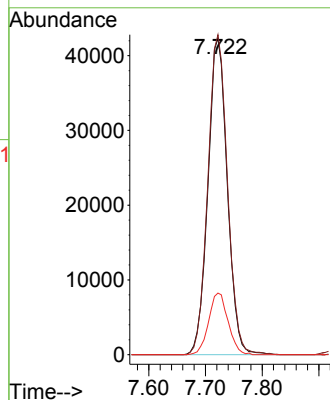
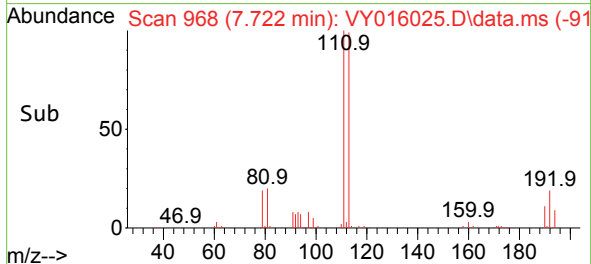


#35
Dibromofluoromethane
Concen: 47.632 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

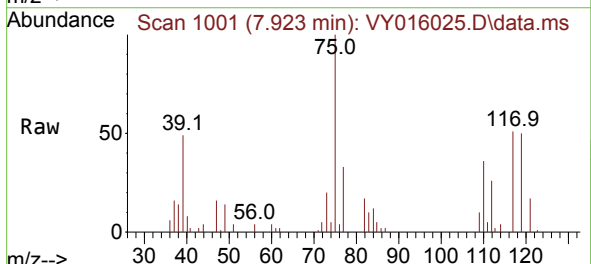
Instrument :
MSVOA_Y
ClientSampleId :



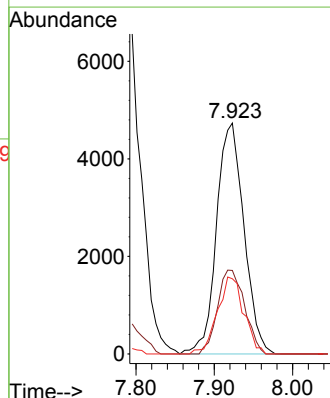
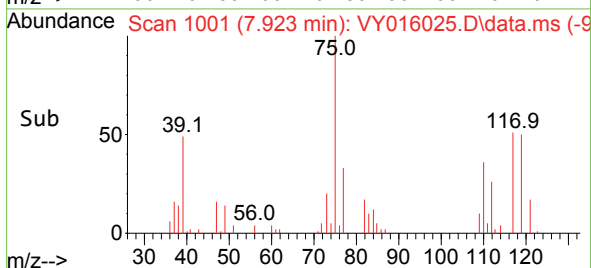
Tgt Ion:113 Resp: 100324
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.5 16.9 25.3

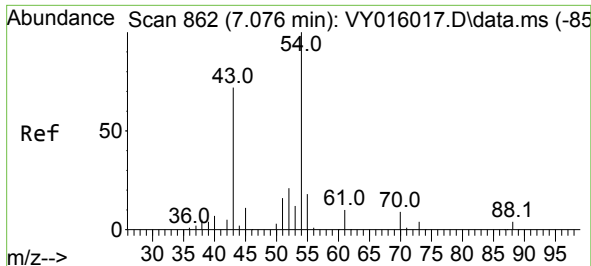


#36
1,1-Dichloropropene
Concen: 3.639 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17



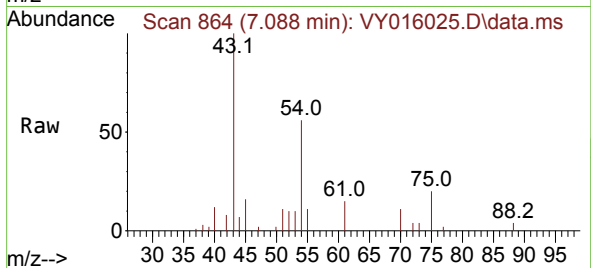
Tgt Ion: 75 Resp: 11530
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 32.1 24.4 36.6



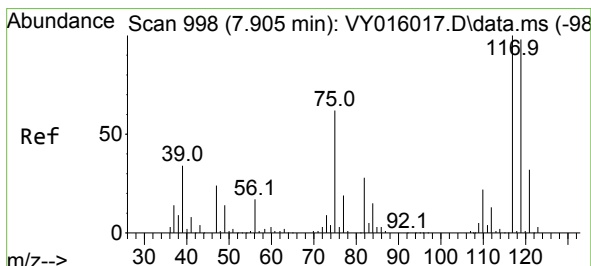
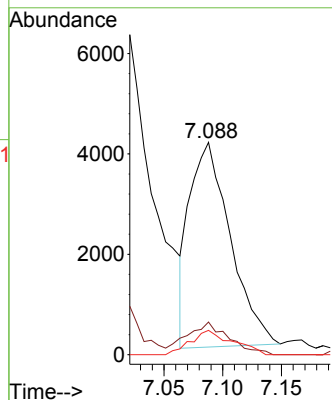
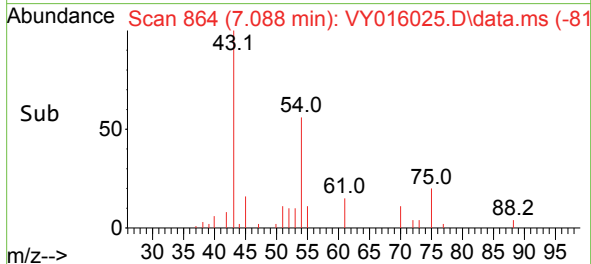


#37
Ethyl Acetate
Concen: 4.300 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.012 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

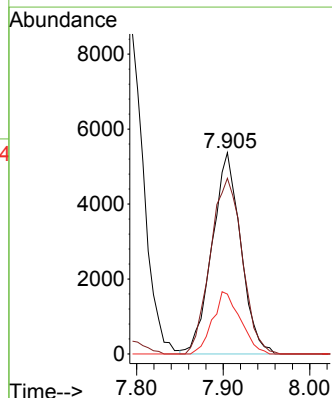
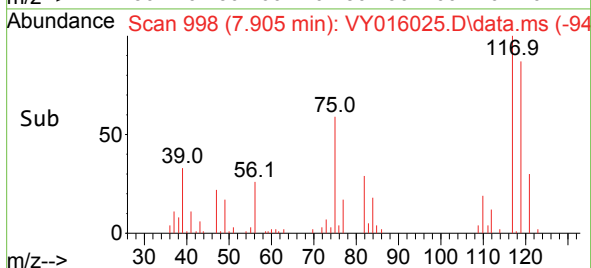
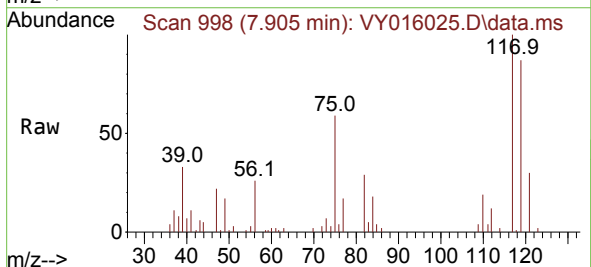


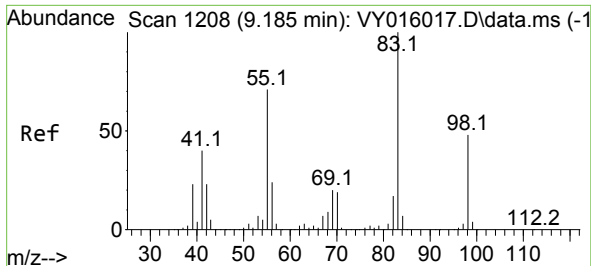
Tgt Ion: 43 Resp: 9823
Ion Ratio Lower Upper
43 100
61 16.5 10.1 15.1#
70 12.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 3.675 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 117 Resp: 12376
Ion Ratio Lower Upper
117 100
119 87.2 76.4 114.6
121 29.7 25.8 38.6

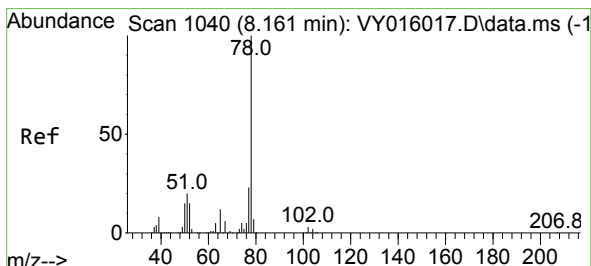
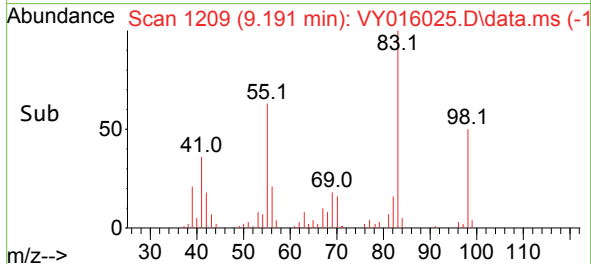
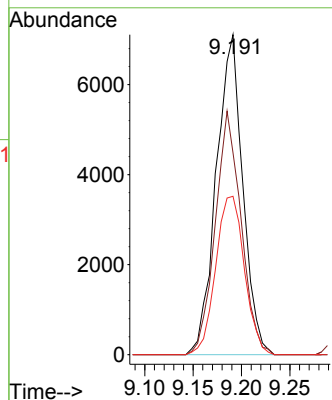
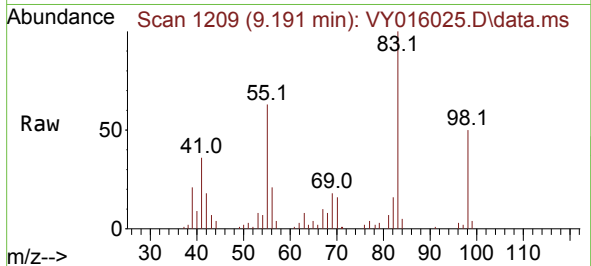




#39
Methylcyclohexane
Concen: 3.417 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

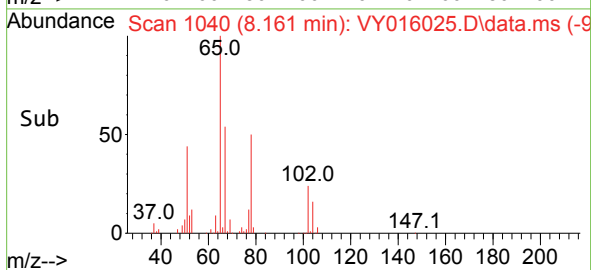
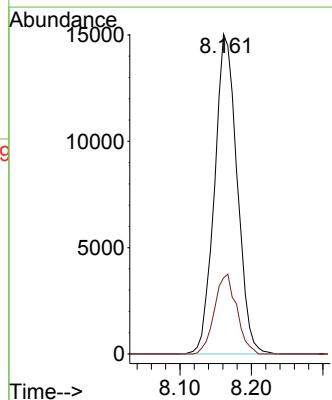
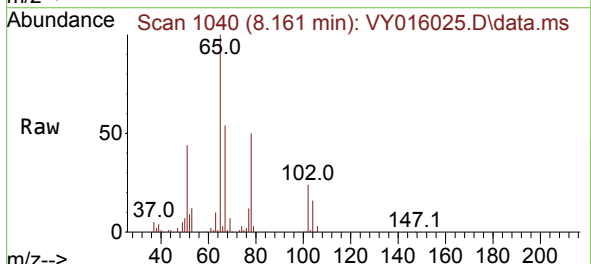
Instrument :
MSVOA_Y
ClientSampleId :

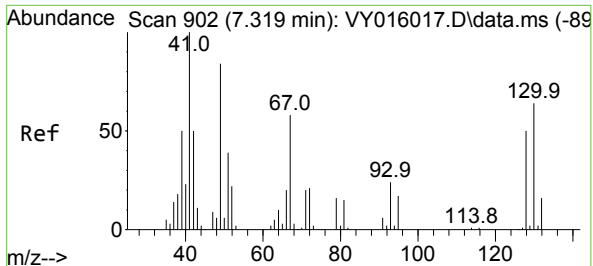
Tgt Ion: 83 Resp: 13530
Ion Ratio Lower Upper
83 100
55 63.1 63.0 94.4
98 49.5 37.4 56.2



#40
Benzene
Concen: 3.698 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 78 Resp: 33023
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6

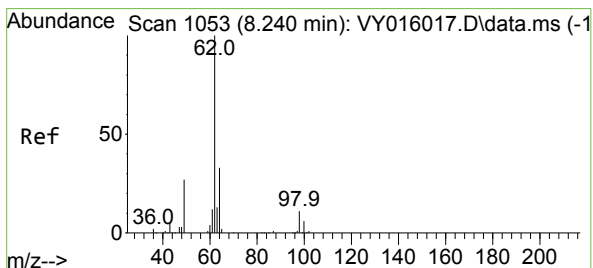
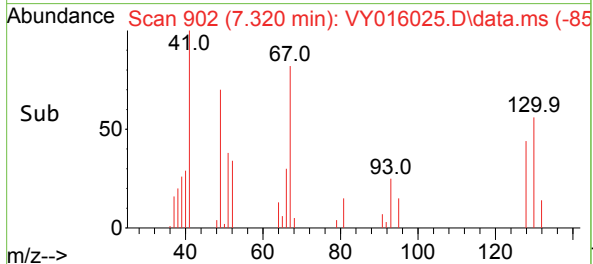
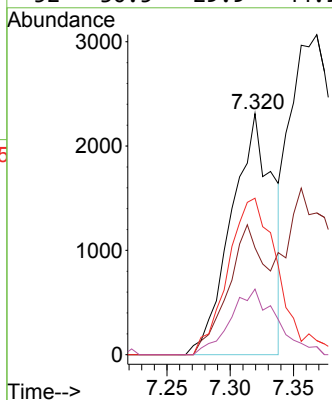
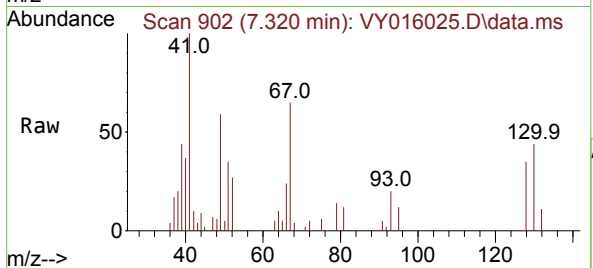




#41
Methacrylonitrile
Concen: 4.456 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

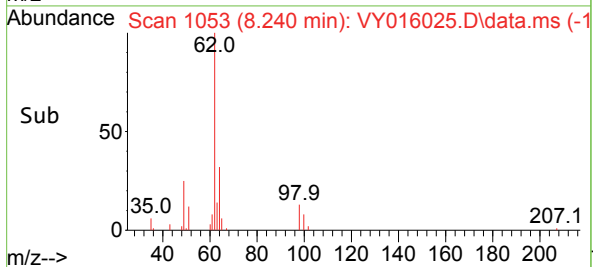
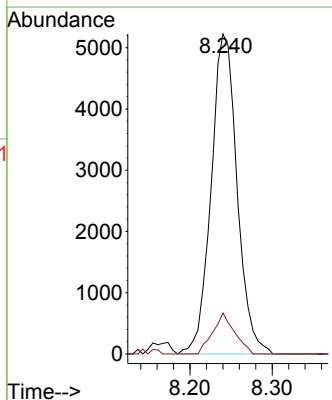
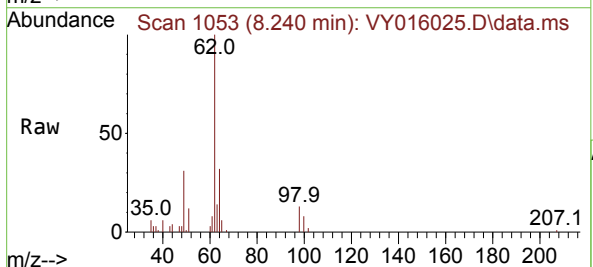
Instrument :
MSVOA_Y
ClientSampleId :

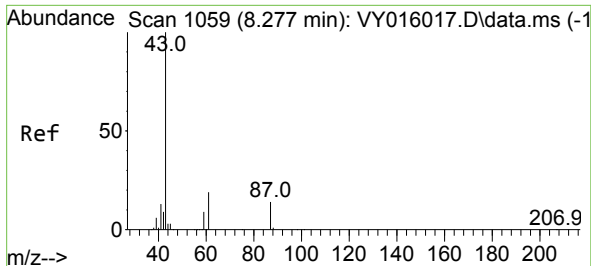
Tgt Ion:	41	Resp:	5280
Ion	Ratio	Lower	Upper
41	100		
39	48.0	52.1	78.1#
67	79.2	66.2	99.2
52	30.5	29.9	44.9



#42
1,2-Dichloroethane
Concen: 3.991 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

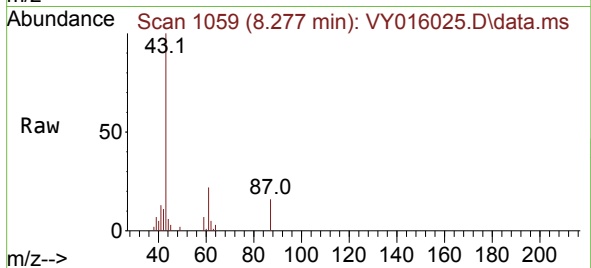
Tgt Ion:	62	Resp:	11481
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8



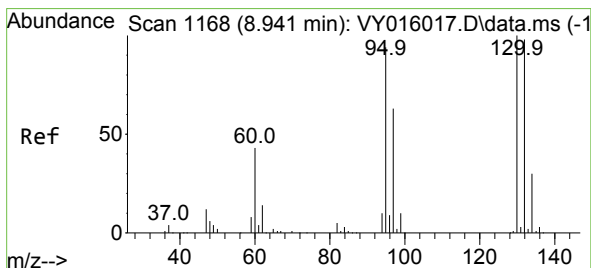
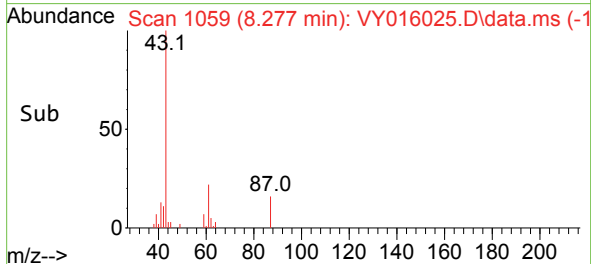
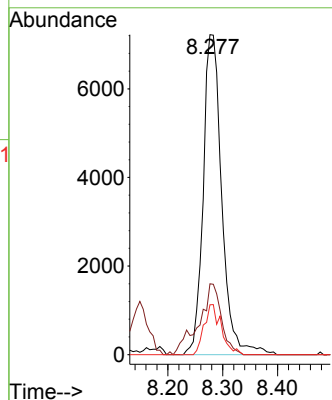


#43
Isopropyl Acetate
Concen: 4.256 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

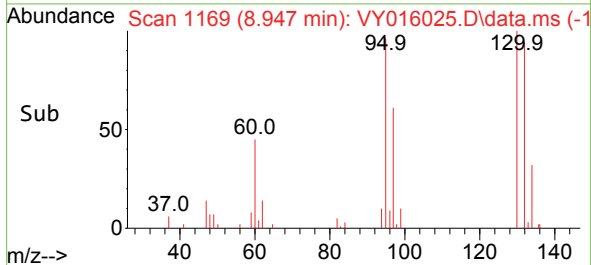
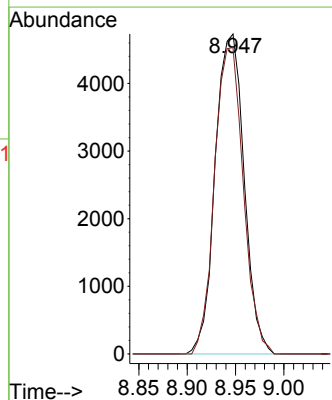
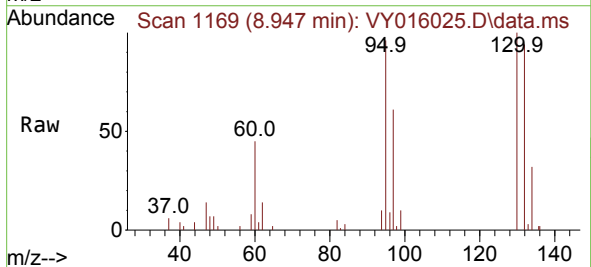


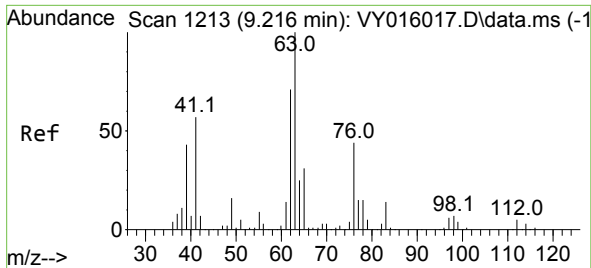
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.1	31.7
87	14.4	9.8	14.8



#44
Trichloroethene
Concen: 3.916 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	196.0

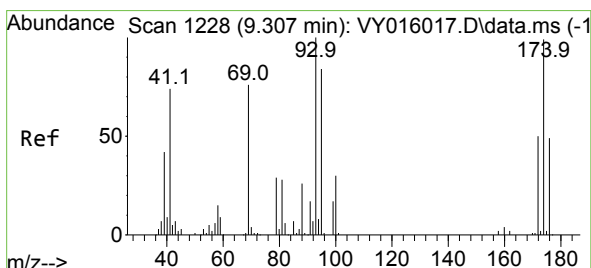
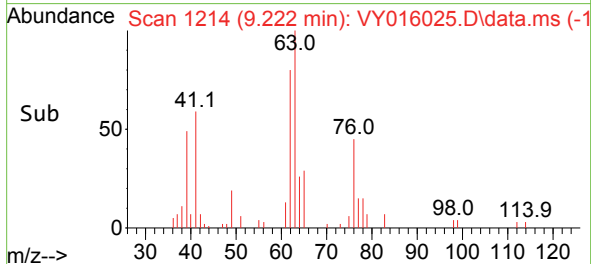
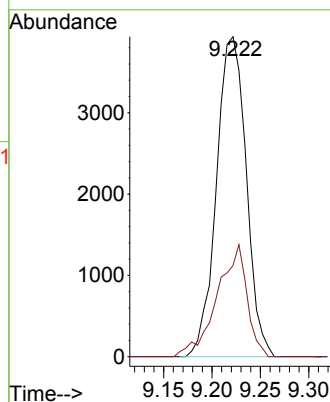
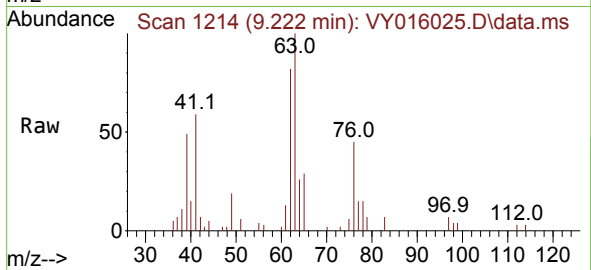




#45
1,2-Dichloropropane
Concen: 3.767 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

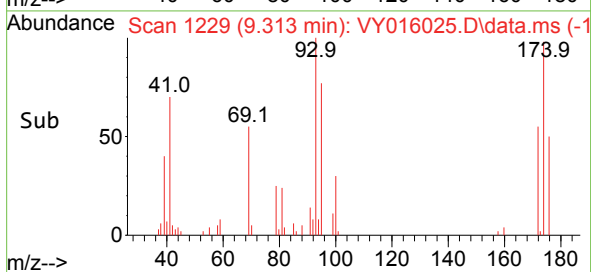
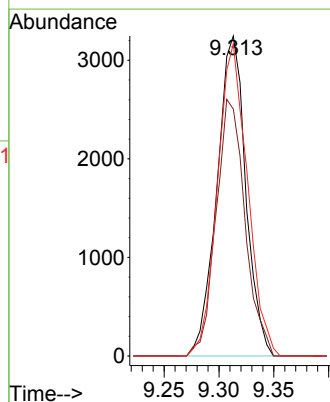
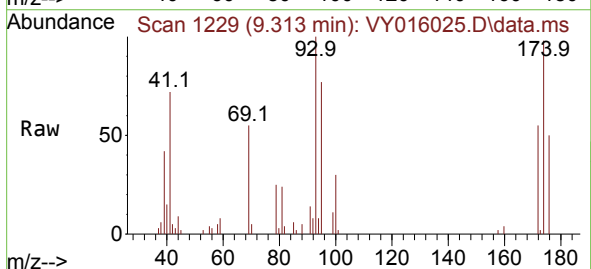
Instrument :
MSVOA_Y
ClientSampleId :

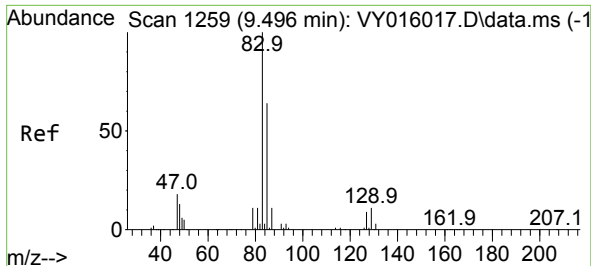
Tgt Ion: 63 Resp: 8420
Ion Ratio Lower Upper
63 100
65 28.5 23.8 35.6



#46
Dibromomethane
Concen: 3.996 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

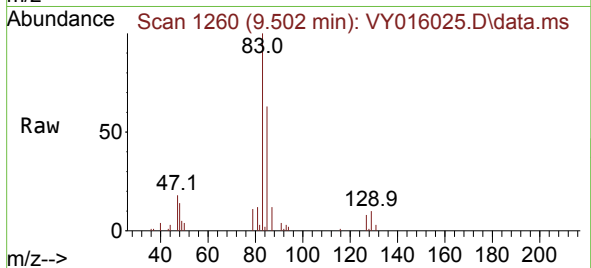
Tgt Ion: 93 Resp: 5930
Ion Ratio Lower Upper
93 100
95 80.9 66.6 100.0
174 101.4 84.8 127.2



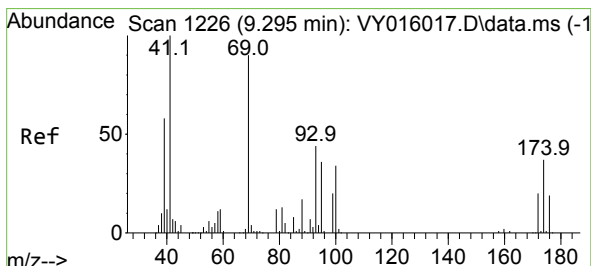
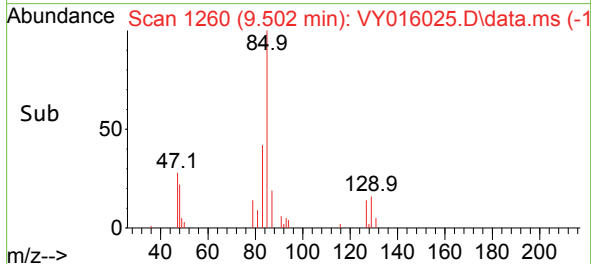
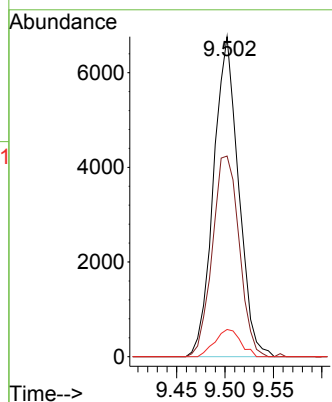


#47
Bromodichloromethane
Concen: 3.734 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

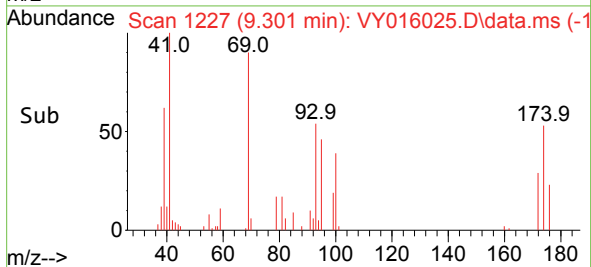
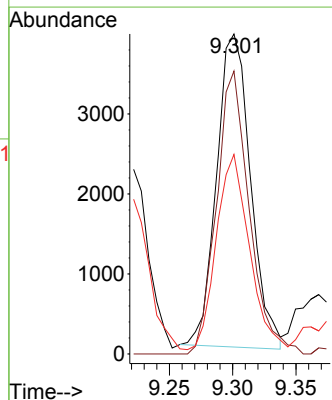
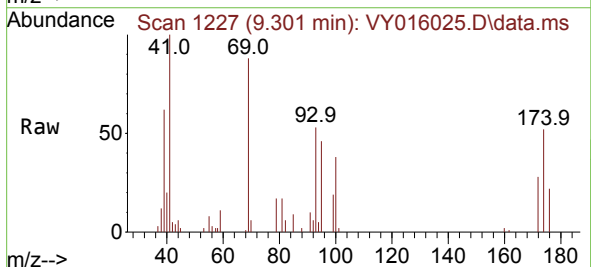


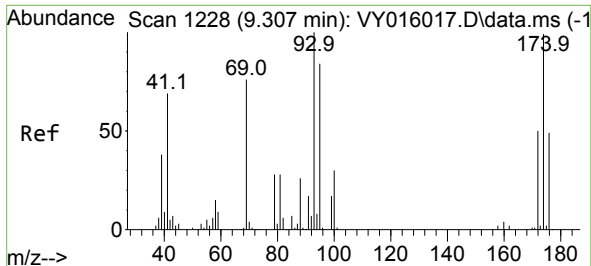
Tgt Ion: 83 Resp: 12144
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 4.011 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 41 Resp: 7292
Ion Ratio Lower Upper
41 100
69 87.6 64.5 96.7
39 63.9 50.8 76.2





#49

1,4-Dioxane

Concen: 57.009 ug/l

RT: 9.344 min Scan# 1234

Delta R.T. 0.037 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

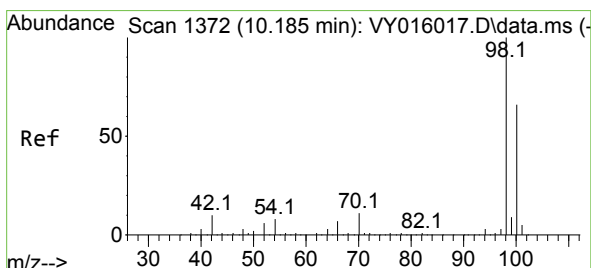
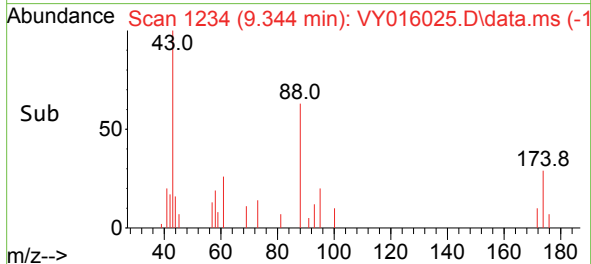
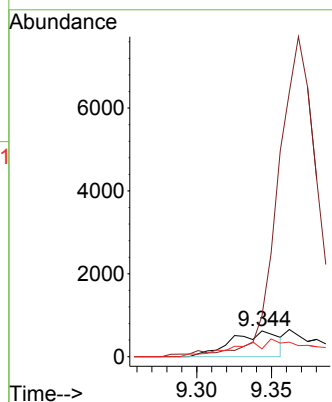
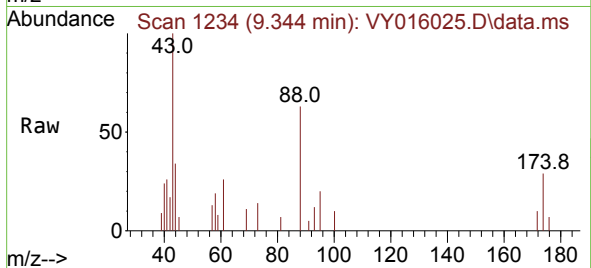
Tgt Ion: 88 Resp: 1347

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 112.0 30.9 46.3#



#50

Toluene-d8

Concen: 46.864 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY016025.D

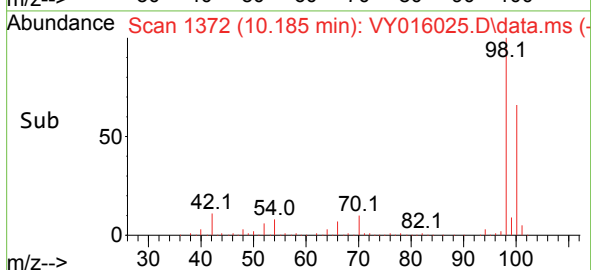
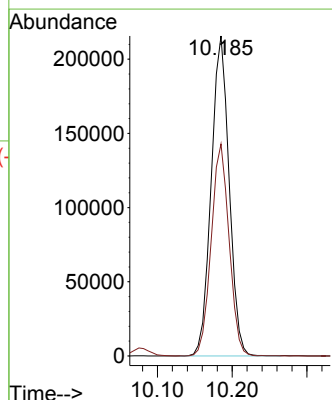
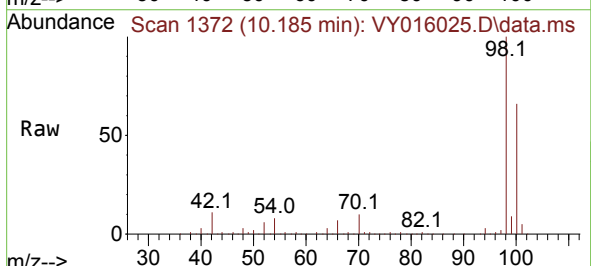
Acq: 18 Oct 2023 17:17

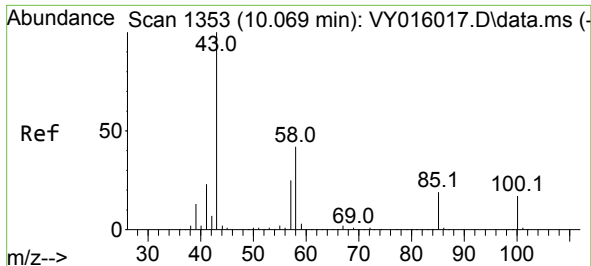
Tgt Ion: 98 Resp: 358490

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 22.257 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

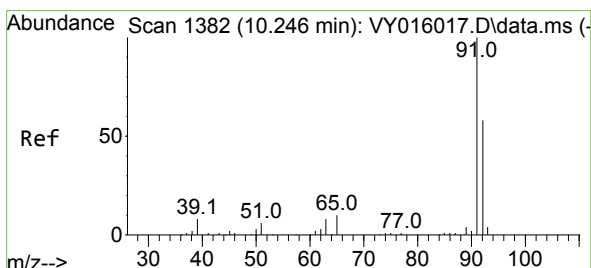
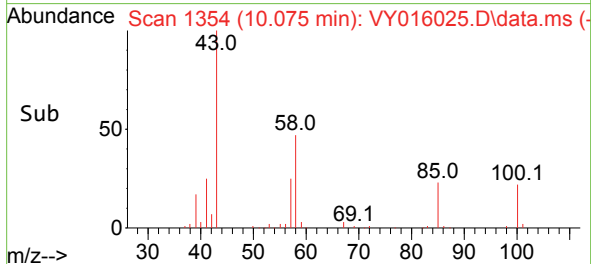
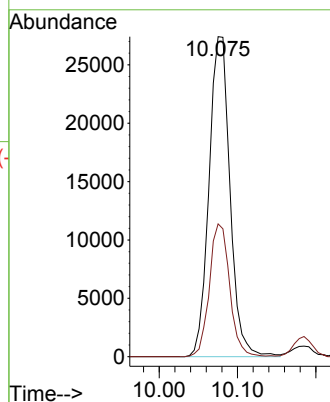
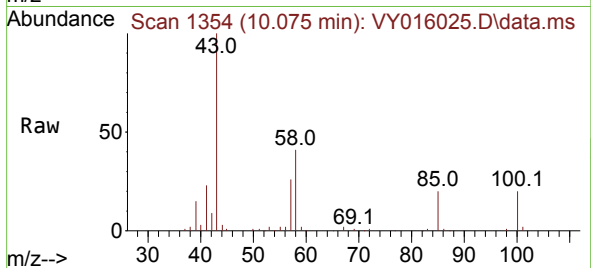
ClientSampleId :

Tgt Ion: 43 Resp: 51114

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 3.816 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY016025.D

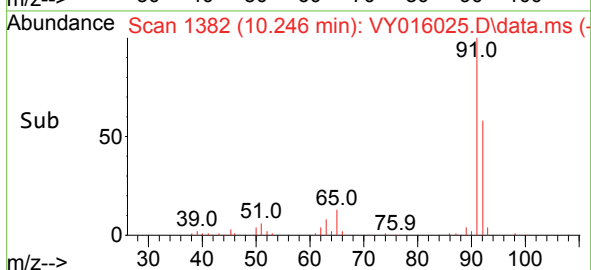
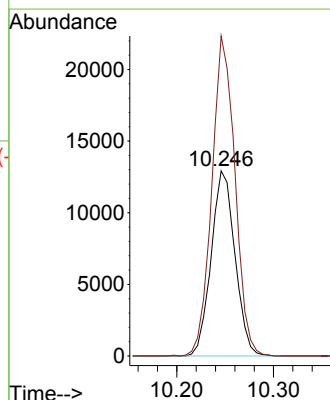
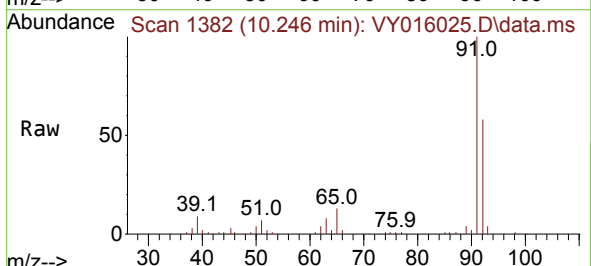
Acq: 18 Oct 2023 17:17

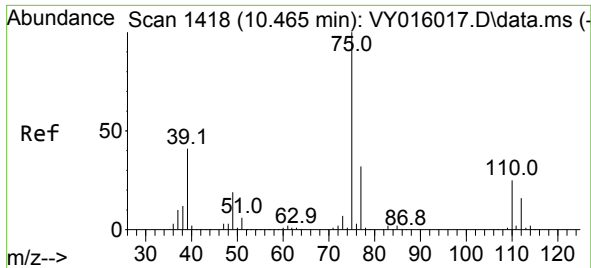
Tgt Ion: 92 Resp: 22105

Ion Ratio Lower Upper

92 100

91 167.9 143.8 215.6

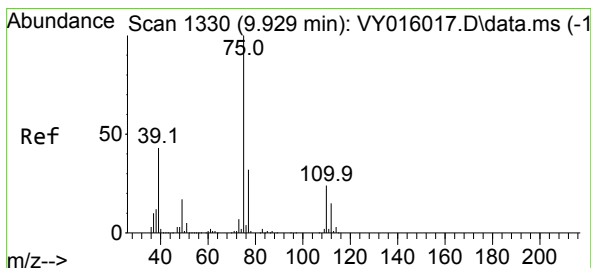
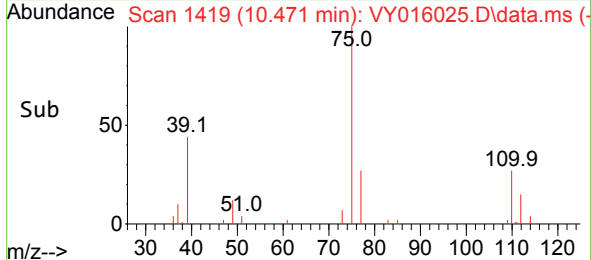
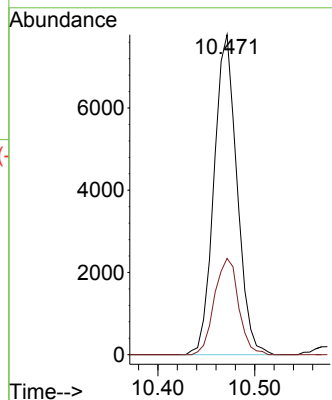
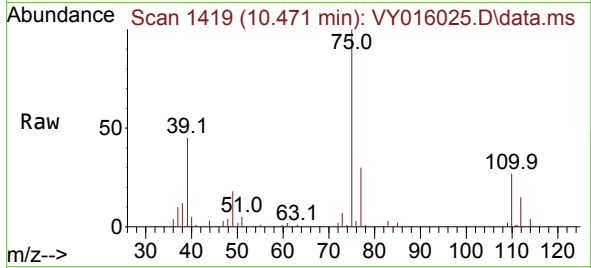




#53
 t-1,3-Dichloropropene
 Concen: 3.649 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY016025.D
 Acq: 18 Oct 2023 17:17

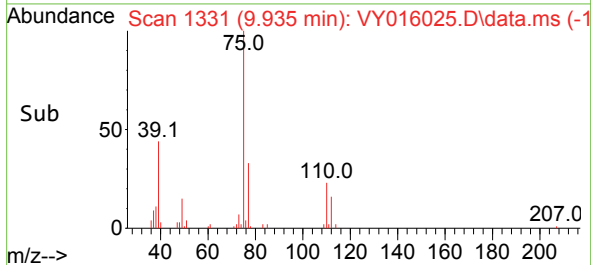
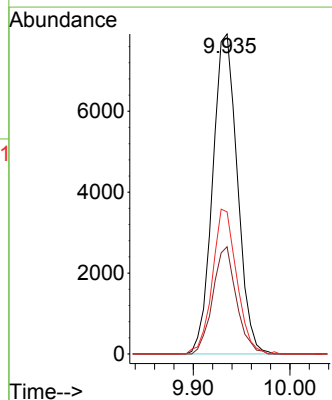
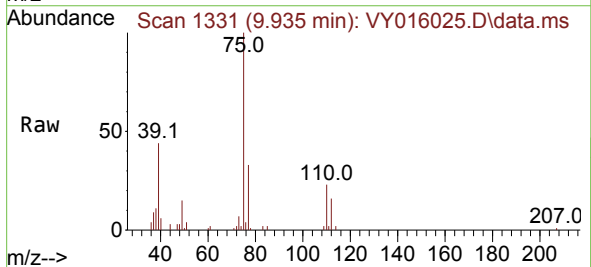
Instrument :
 MSVOA_Y
 ClientSampleId :

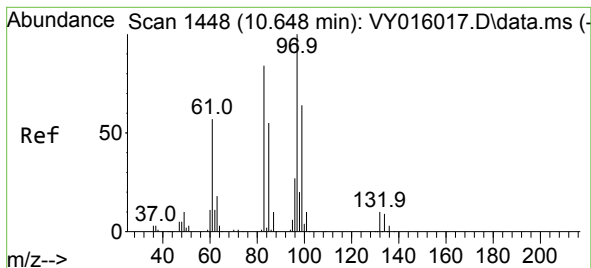
Tgt Ion: 75 Resp: 12857
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 3.656 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY016025.D
 Acq: 18 Oct 2023 17:17

Tgt Ion: 75 Resp: 14040
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.2 36.4
 39 44.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 4.095 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 8348

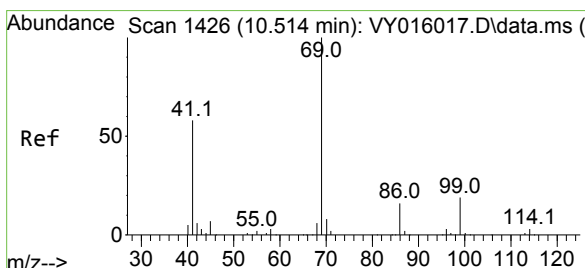
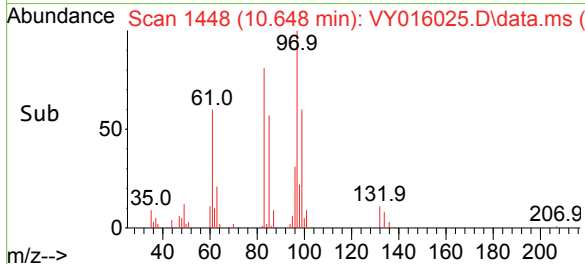
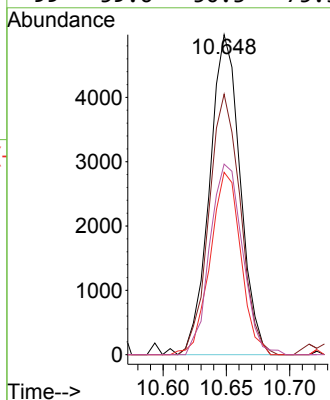
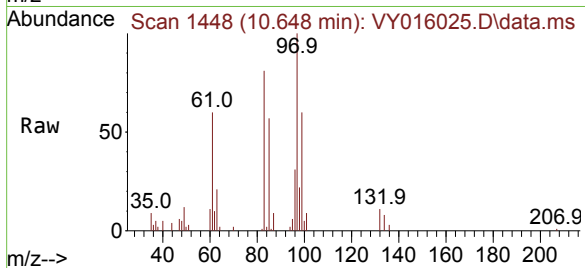
Ion Ratio Lower Upper

97 100

83 81.4 72.0 108.0

85 57.0 45.4 68.0

99 59.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 3.630 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

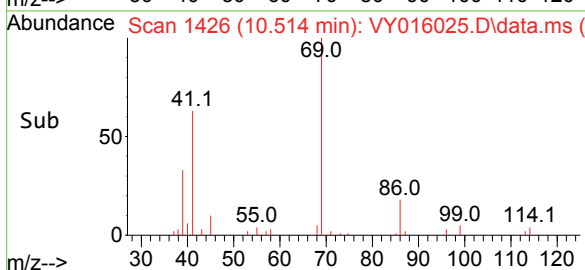
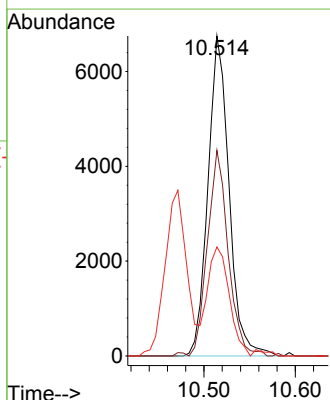
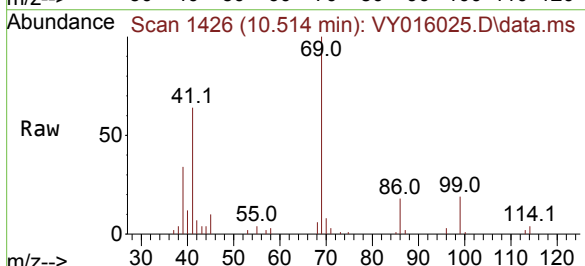
Tgt Ion: 69 Resp: 10815

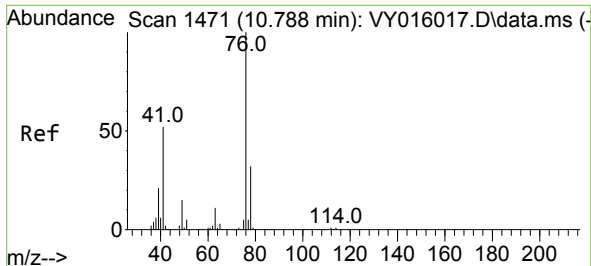
Ion Ratio Lower Upper

69 100

41 63.4 57.6 86.4

39 34.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 3.949 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

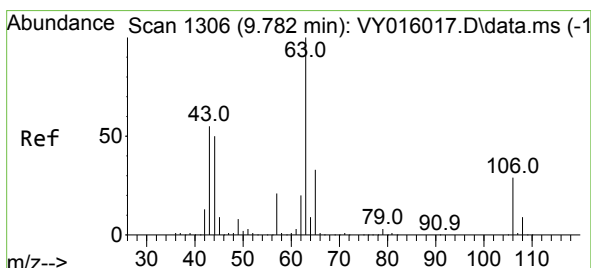
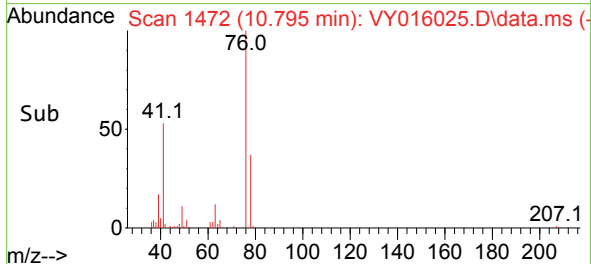
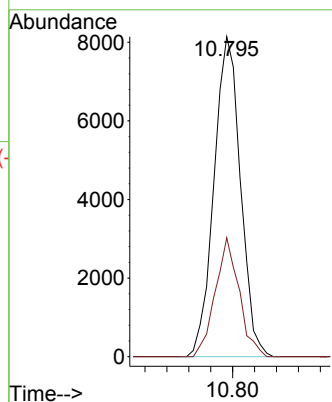
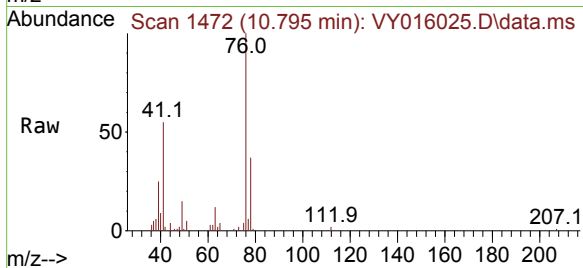
ClientSampleId :

Tgt Ion: 76 Resp: 13658

Ion Ratio Lower Upper

76 100

78 33.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 21.626 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016025.D

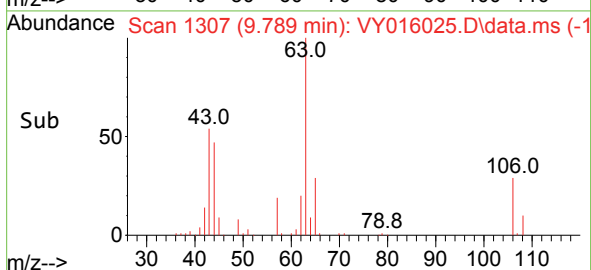
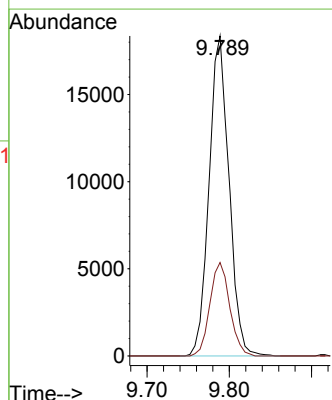
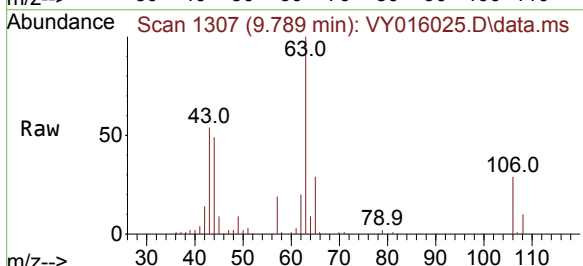
Acq: 18 Oct 2023 17:17

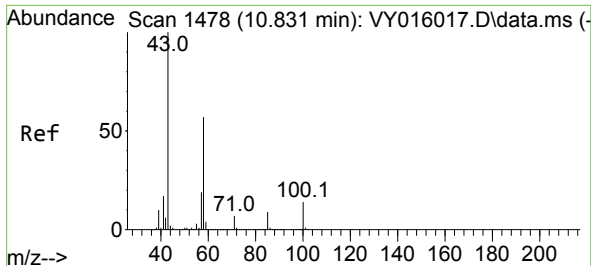
Tgt Ion: 63 Resp: 30947

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

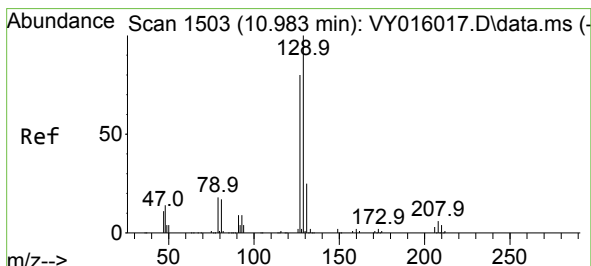
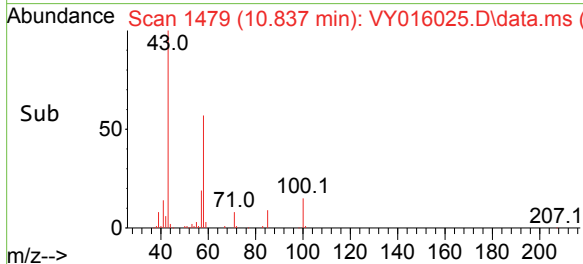
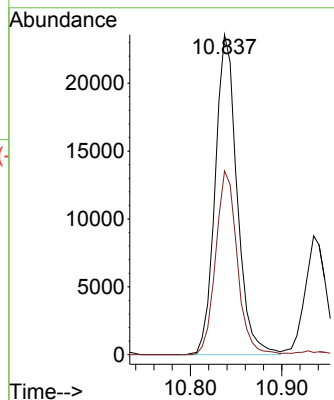
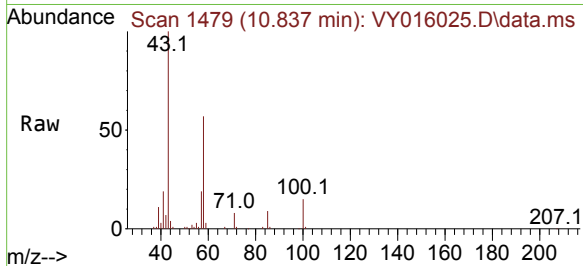




#59
2-Hexanone
Concen: 22.440 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

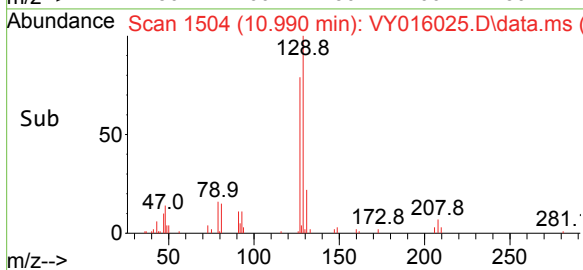
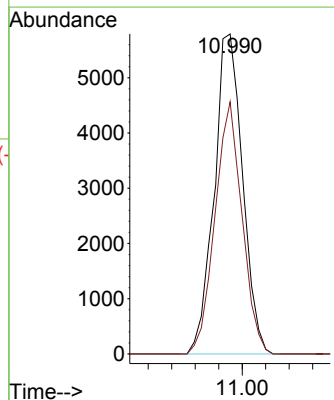
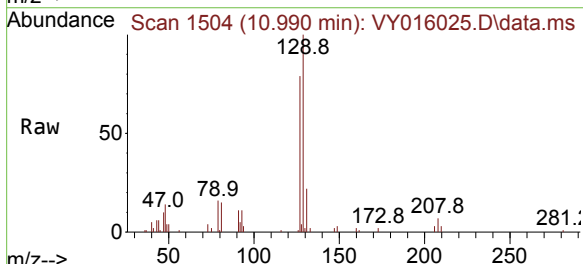
Instrument :
MSVOA_Y
ClientSampleId :

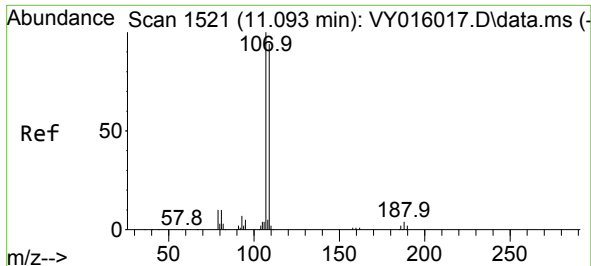
Tgt Ion: 43 Resp: 39209
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 3.943 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 129 Resp: 9722
Ion Ratio Lower Upper
129 100
127 75.0 38.5 115.5

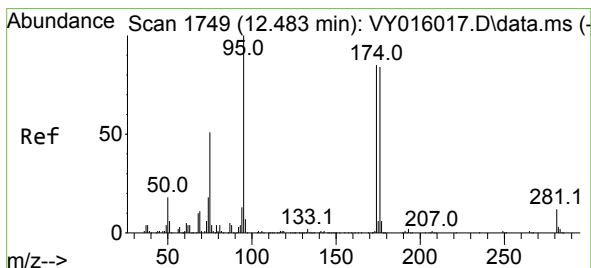
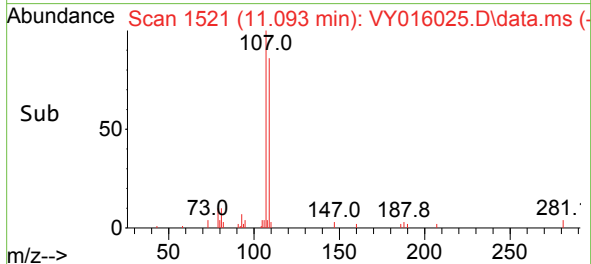
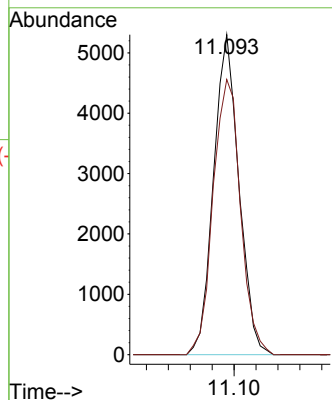
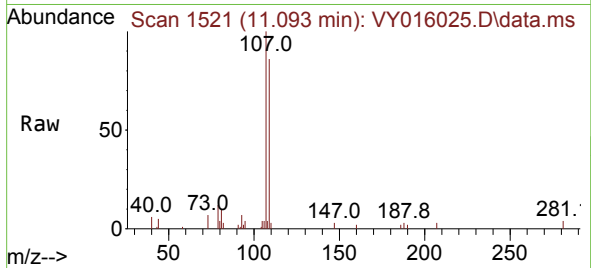




#61
1,2-Dibromoethane
Concen: 4.105 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

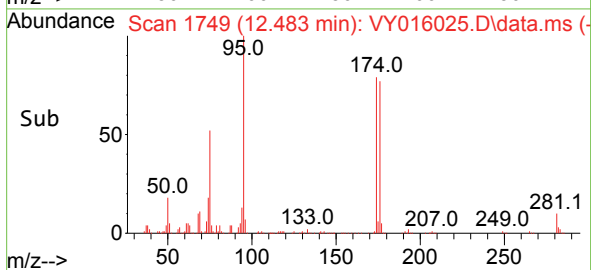
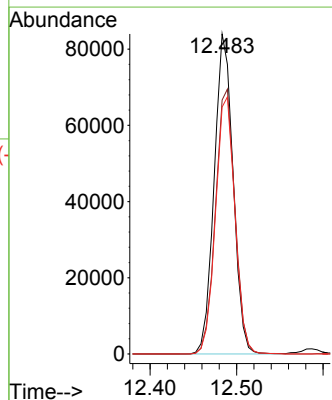
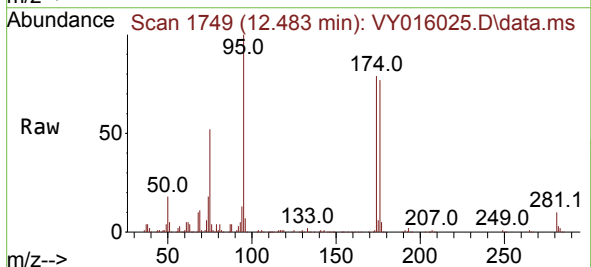
Instrument :
MSVOA_Y
ClientSampleId :

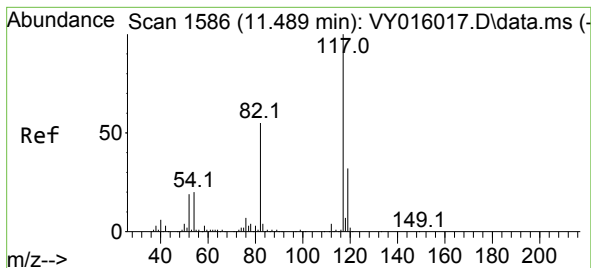
Tgt Ion:107 Resp: 8517
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.635 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 95 Resp: 127290
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

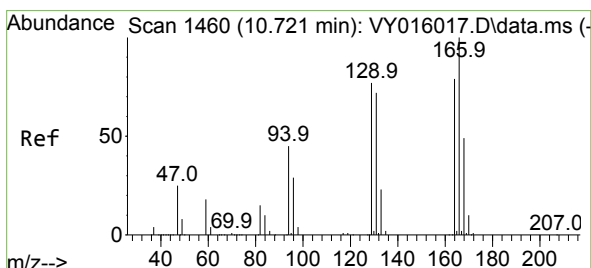
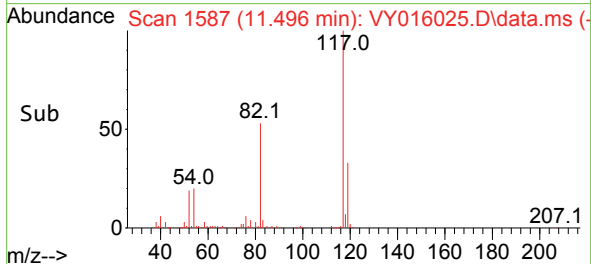
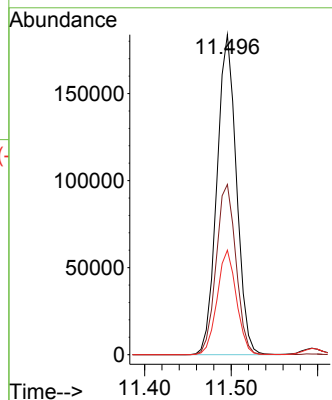
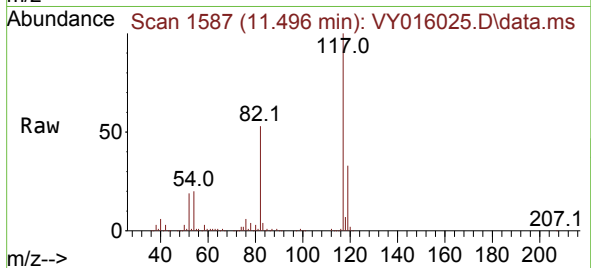
Tgt Ion:117 Resp: 287690

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.7 26.3 39.5



#64

Tetrachloroethene

Concen: 3.856 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Tgt Ion:164 Resp: 8603

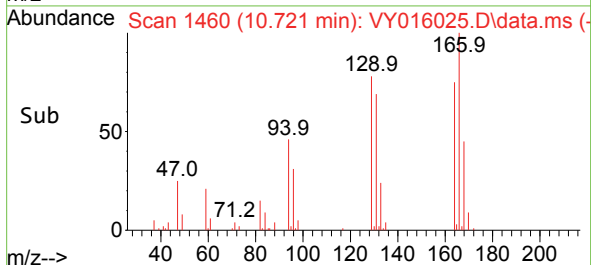
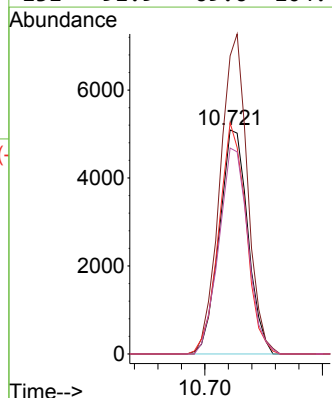
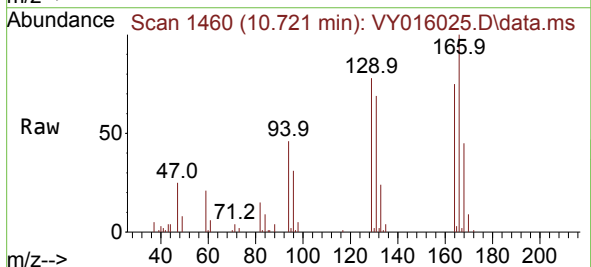
Ion Ratio Lower Upper

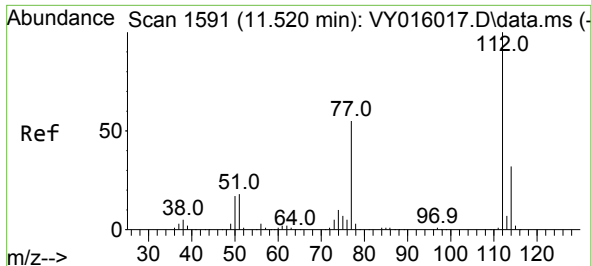
164 100

166 133.0 103.0 154.6

129 103.2 77.2 115.8

131 91.9 69.6 104.4

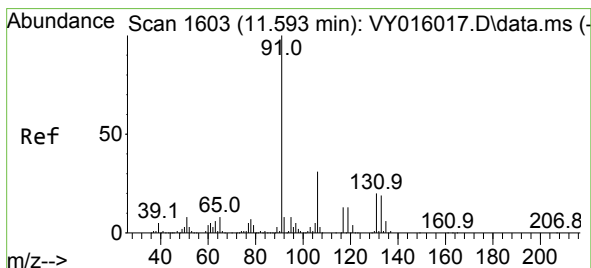
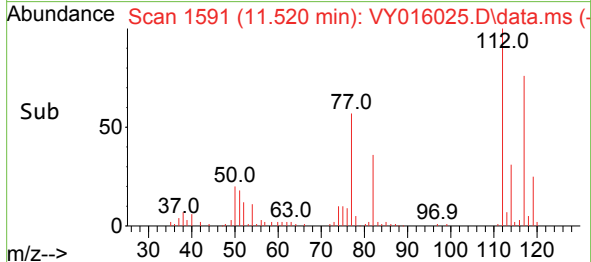
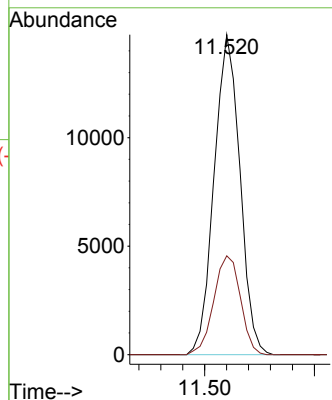
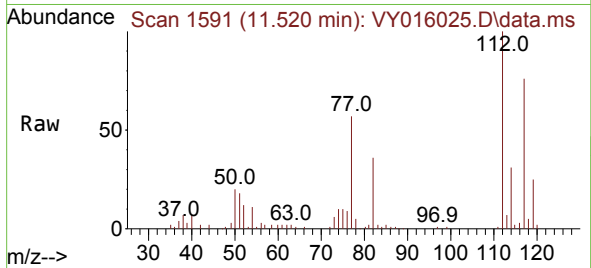




#65
Chlorobenzene
Concen: 3.867 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

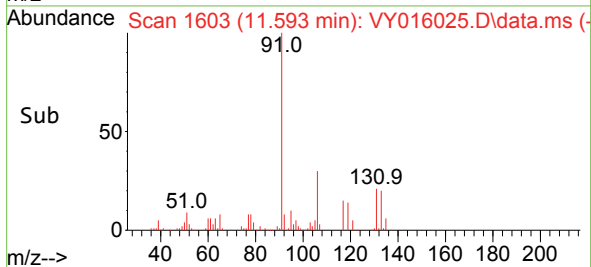
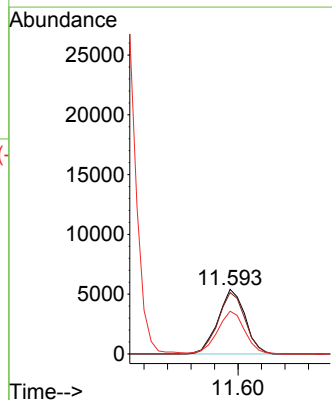
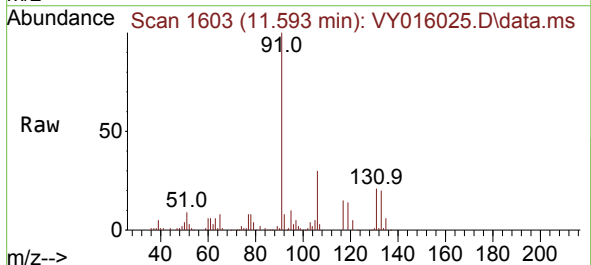
Instrument :
MSVOA_Y
ClientSampleId :

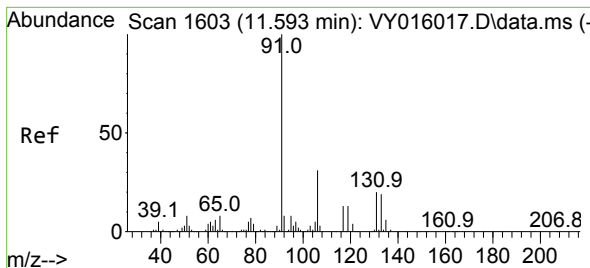
Tgt Ion:112 Resp: 24091
Ion Ratio Lower Upper
112 100
114 30.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 3.690 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion:131 Resp: 8666
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 66.7 31.6 94.7





#67

Ethyl Benzene

Concen: 3.661 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

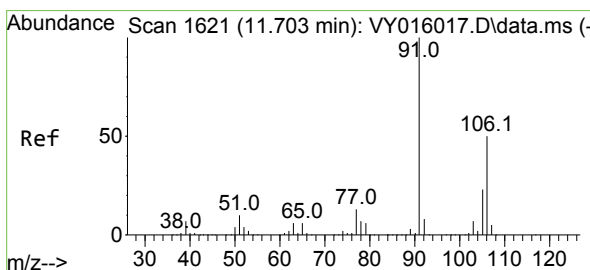
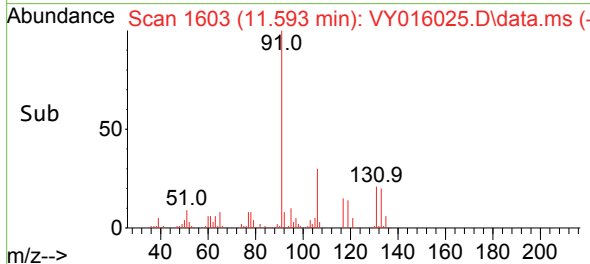
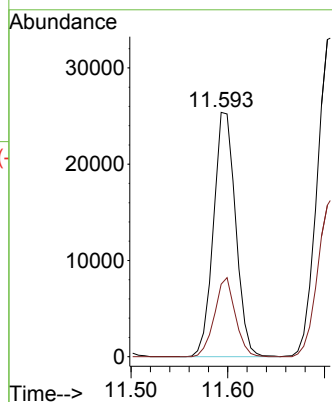
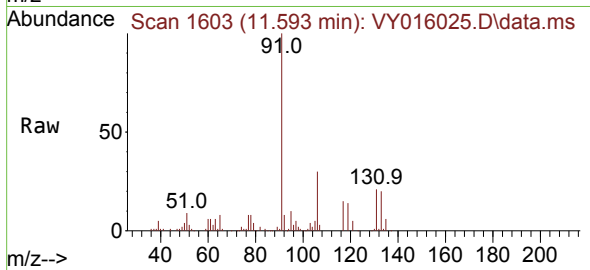
ClientSampleId :

Tgt Ion: 91 Resp: 40366

Ion Ratio Lower Upper

91 100

106 29.7 24.6 36.8



#68

m/p-Xylenes

Concen: 7.181 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY016025.D

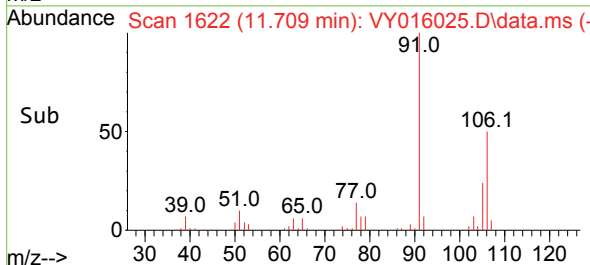
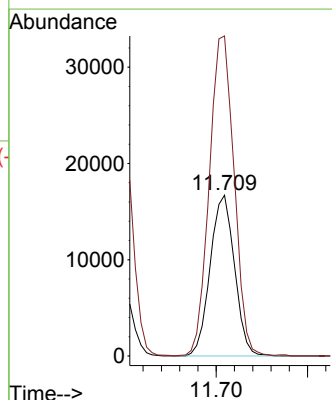
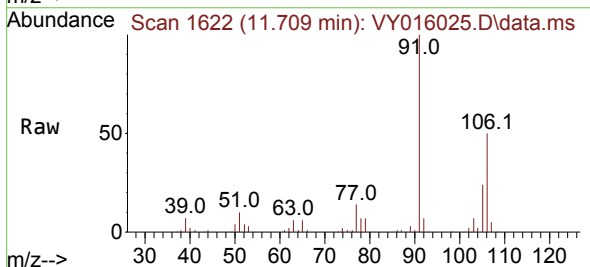
Acq: 18 Oct 2023 17:17

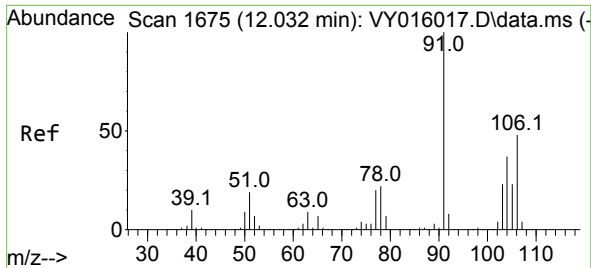
Tgt Ion:106 Resp: 30871

Ion Ratio Lower Upper

106 100

91 203.5 166.1 249.1

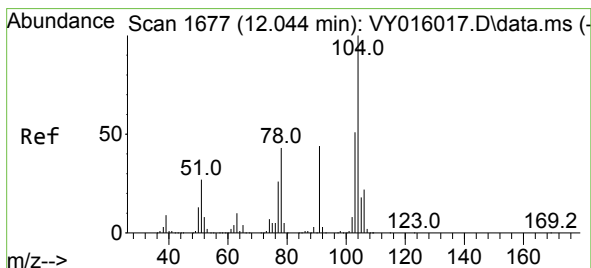
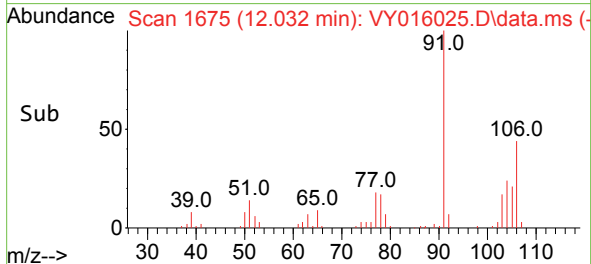
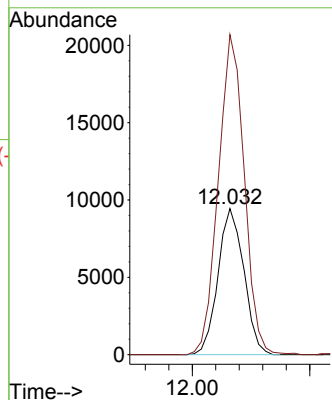
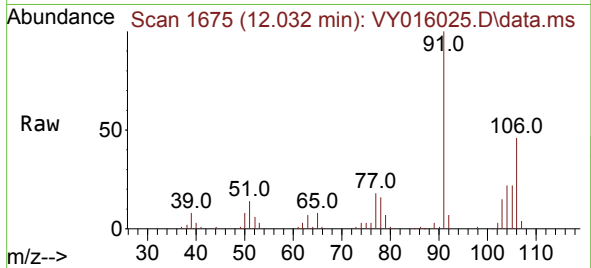




#69
o-Xylene
Concen: 3.531 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

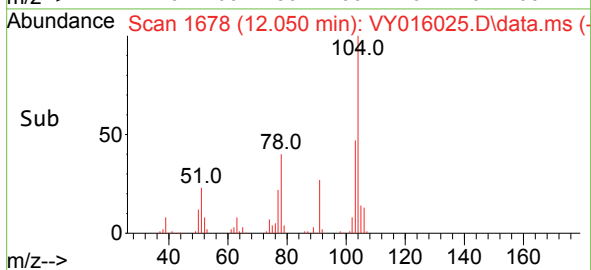
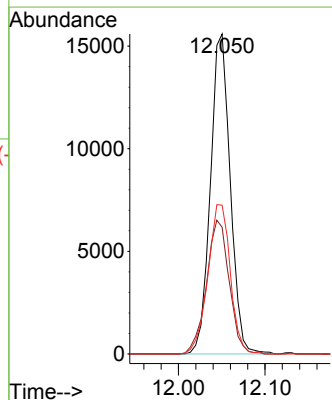
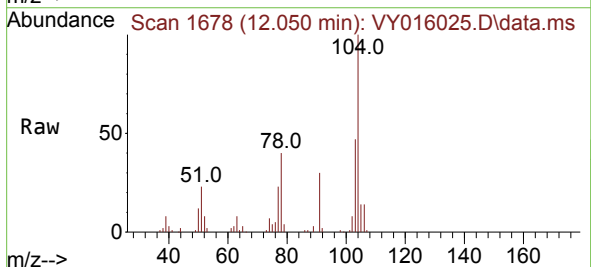
Instrument :
MSVOA_Y
ClientSampleId :

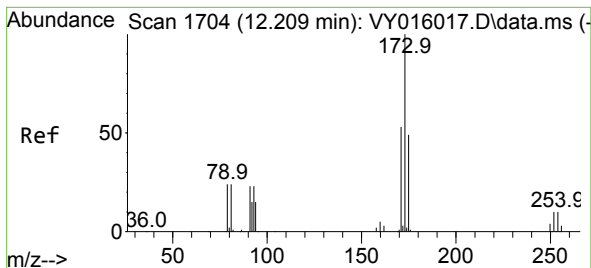
Tgt Ion:106 Resp: 14440
Ion Ratio Lower Upper
106 100
91 219.9 108.1 324.3



#70
Styrene
Concen: 3.558 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion:104 Resp: 24800
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 52.7 44.6 67.0





#71

Bromoform

Concen: 4.135 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016025.D

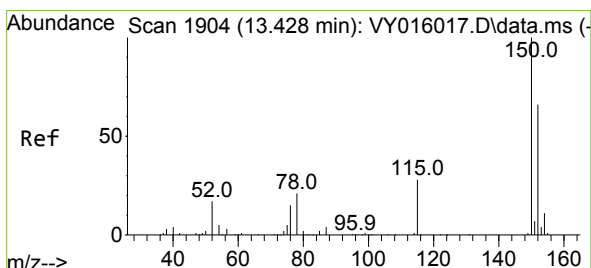
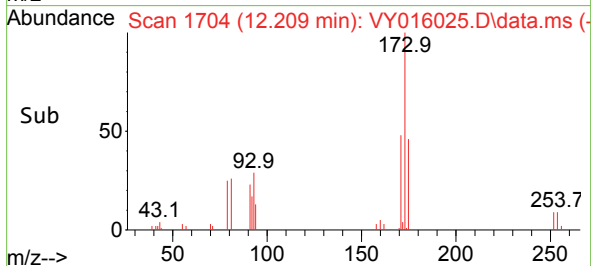
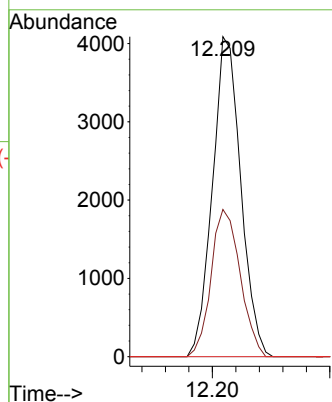
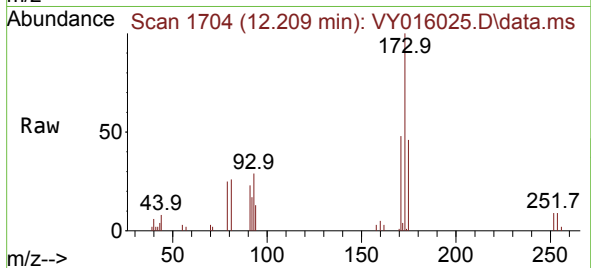
Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	6833
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

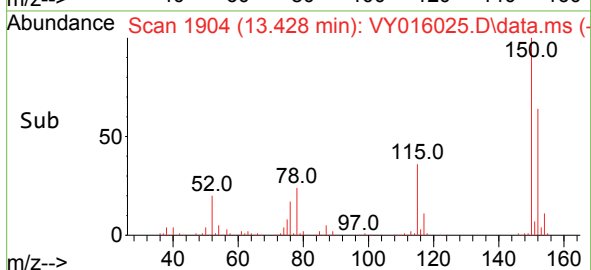
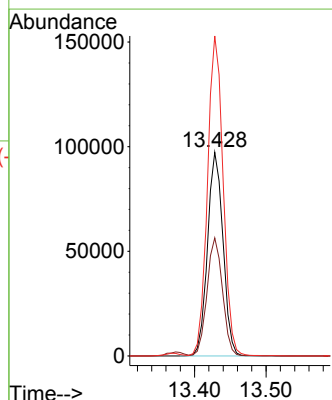
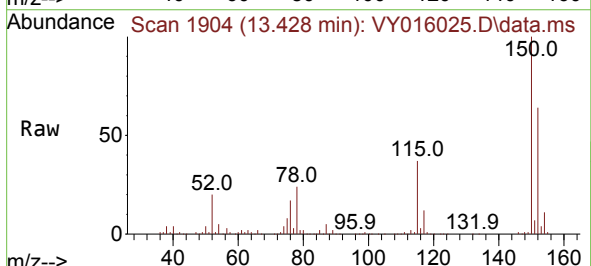
RT: 13.428 min Scan# 1904

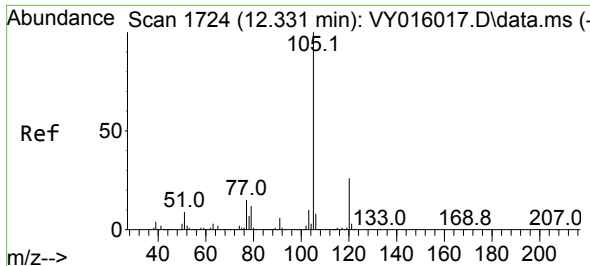
Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Tgt Ion:	152	Resp:	146499
Ion Ratio	Lower	Upper	
152	100		
115	57.9	28.8	86.5
150	158.0	0.0	348.8

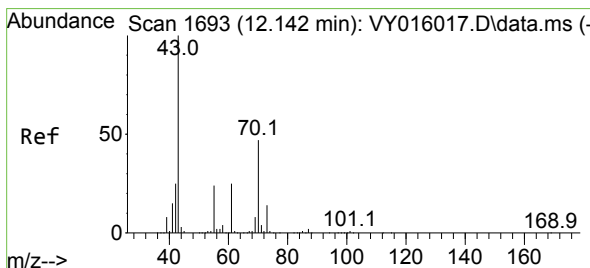
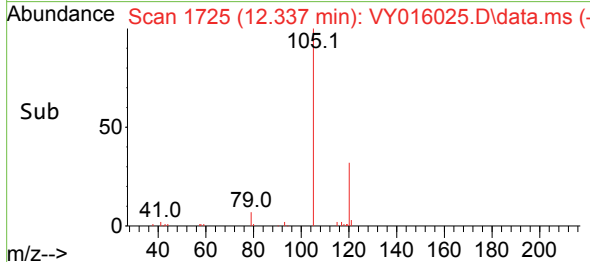
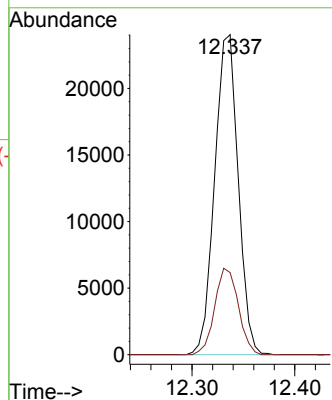
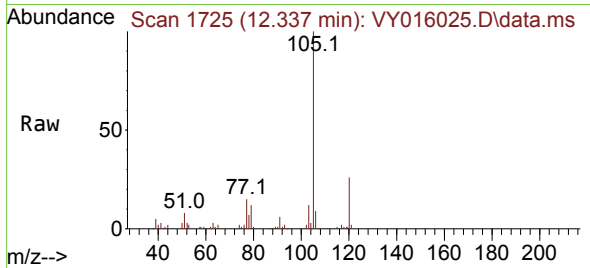




#73
Isopropylbenzene
Concen: 3.479 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

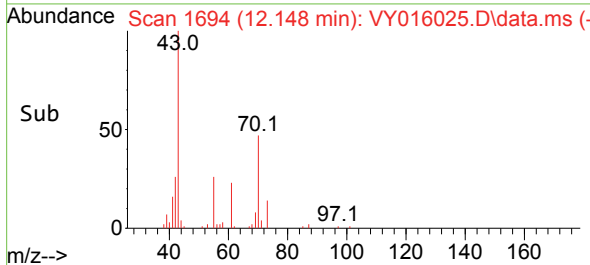
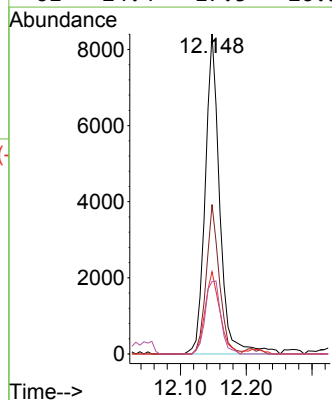
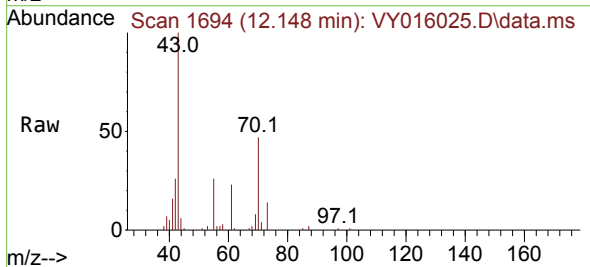
Instrument :
MSVOA_Y
ClientSampleId :

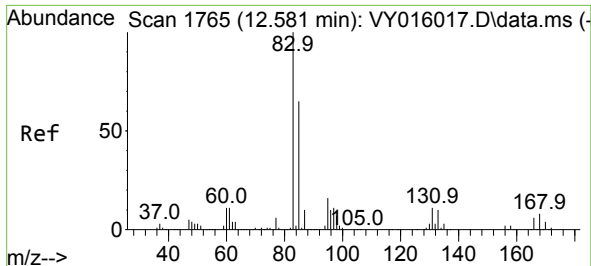
Tgt Ion:105 Resp: 38122
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 3.745 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion: 43 Resp: 12962
Ion Ratio Lower Upper
43 100
70 42.1 29.7 44.5
55 25.8 18.3 27.5
61 24.4 17.5 26.3

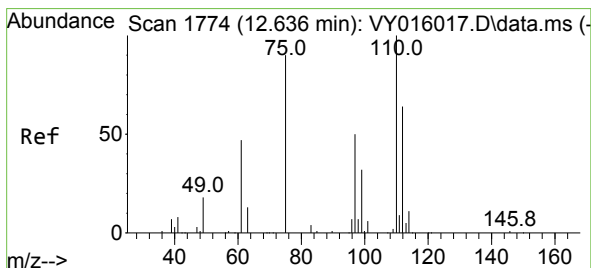
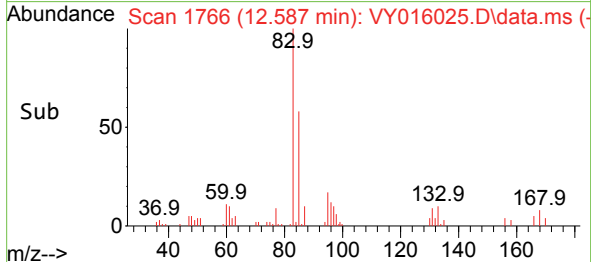
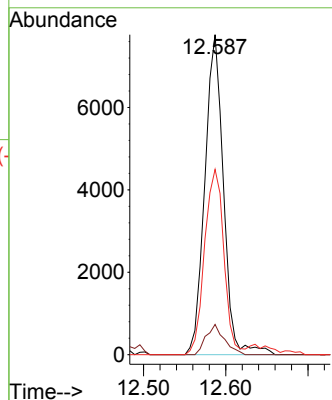
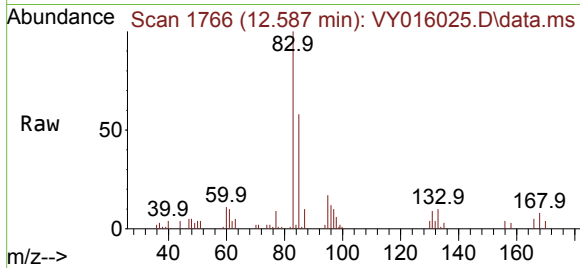




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.465 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.006 min
 Lab File: VY016025.D
 Acq: 18 Oct 2023 17:17

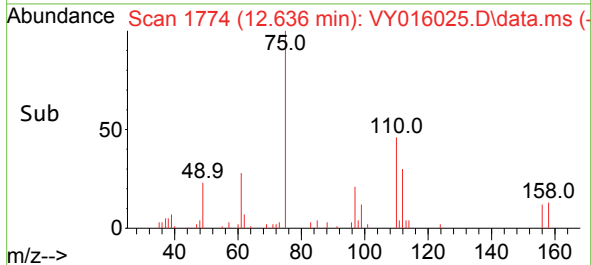
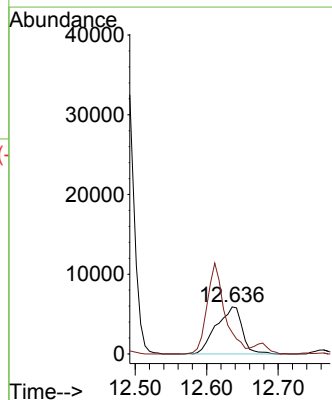
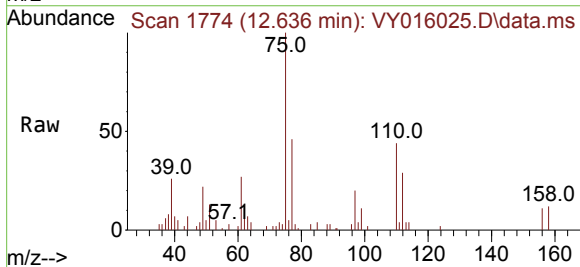
Instrument :
 MSVOA_Y
 ClientSampleId :

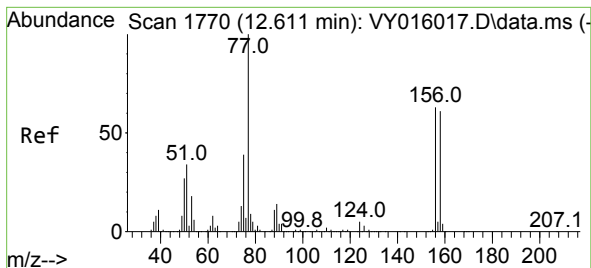
Tgt Ion: 83 Resp: 12254
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.4 16.2
 85 60.0 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 7.136 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY016025.D
 Acq: 18 Oct 2023 17:17

Tgt Ion: 75 Resp: 14802
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 3.910 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY016025.D

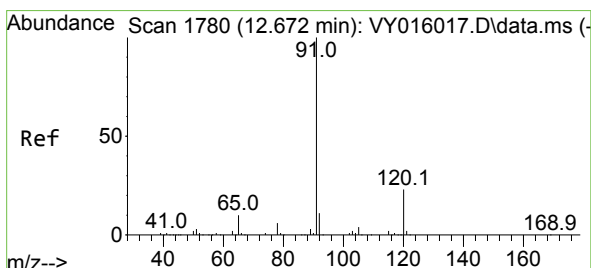
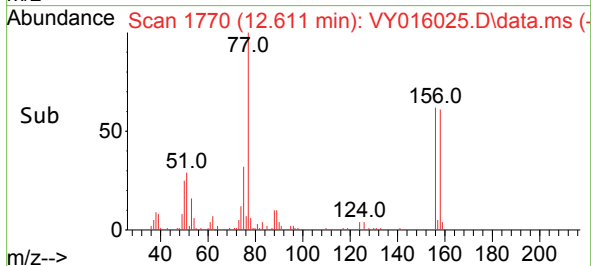
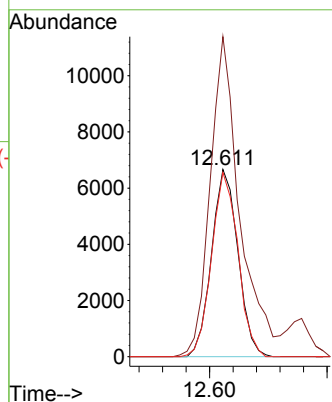
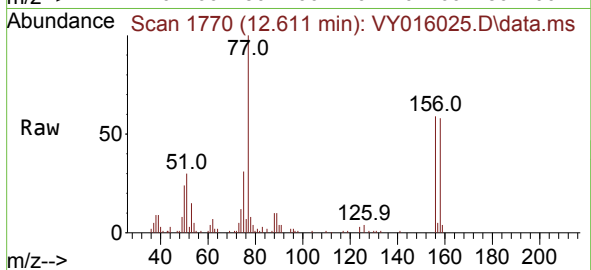
Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	10400
Ion Ratio	Lower	Upper	
156	100		
77	192.4	92.8	278.6
158	98.3	48.4	145.3



#78

n-propylbenzene

Concen: 3.537 ug/l

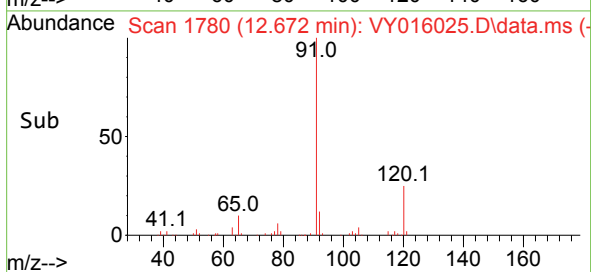
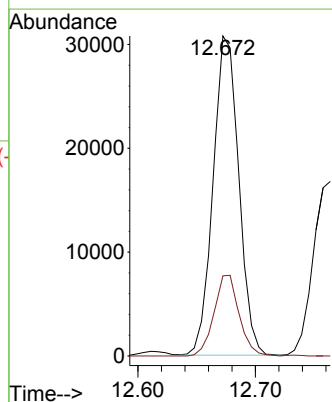
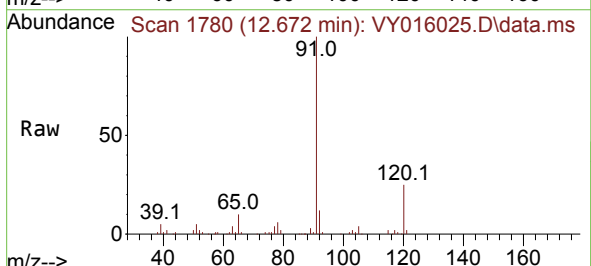
RT: 12.672 min Scan# 1780

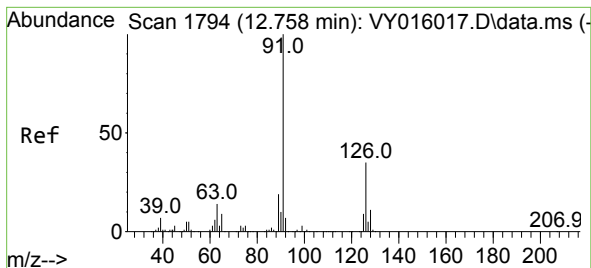
Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Tgt Ion:	91	Resp:	46687
Ion Ratio	Lower	Upper	
91	100		
120	24.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 3.608 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

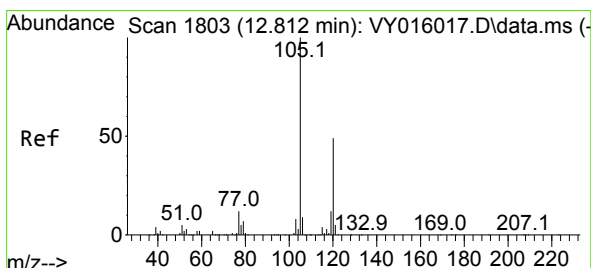
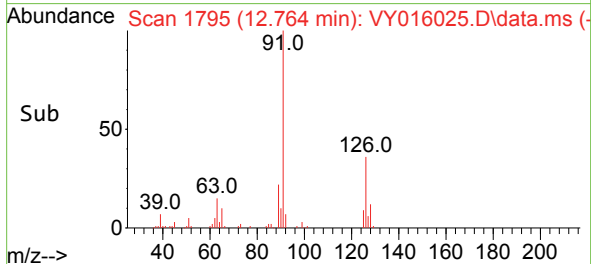
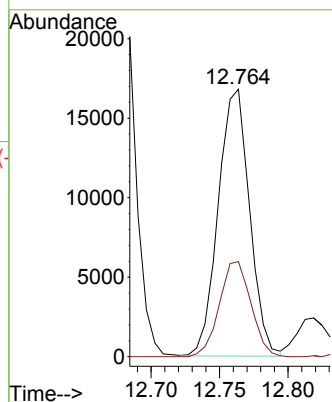
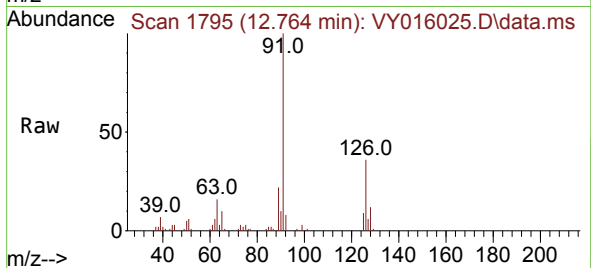
ClientSampleId :

Tgt Ion: 91 Resp: 26728

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 3.592 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY016025.D

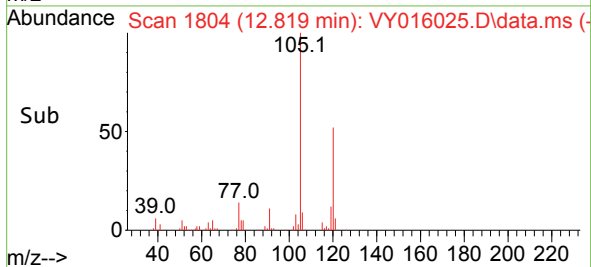
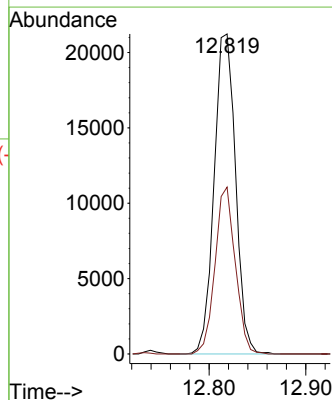
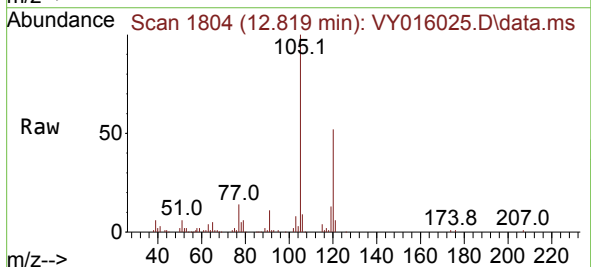
Acq: 18 Oct 2023 17:17

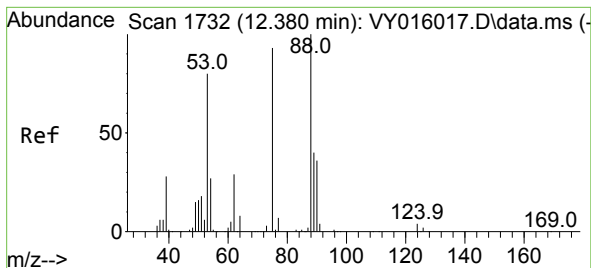
Tgt Ion: 105 Resp: 32602

Ion Ratio Lower Upper

105 100

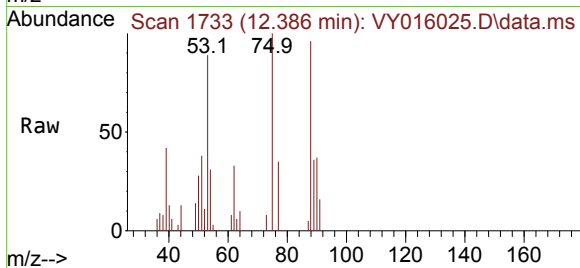
120 49.5 23.9 71.7



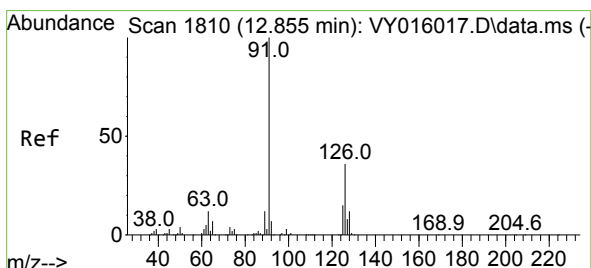
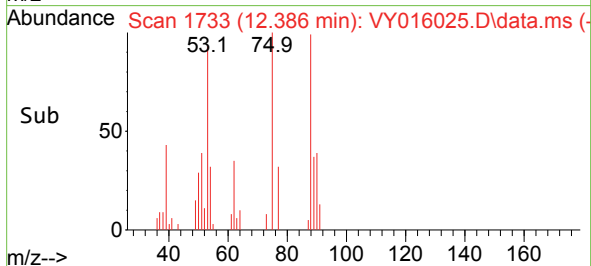
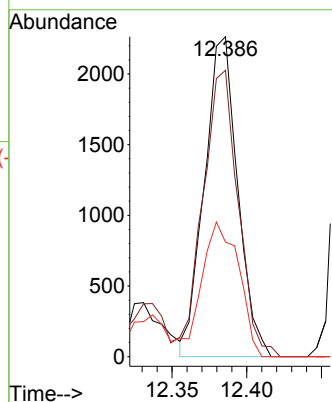


#81
trans-1,4-Dichloro-2-butene
Concen: 3.678 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

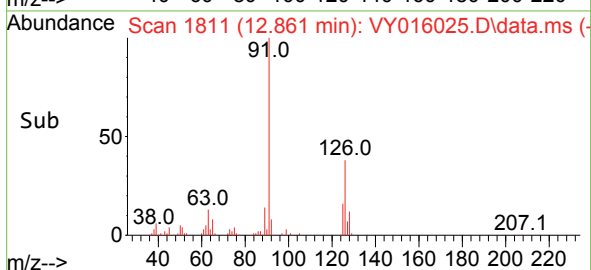
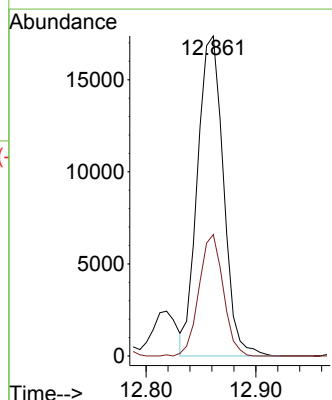
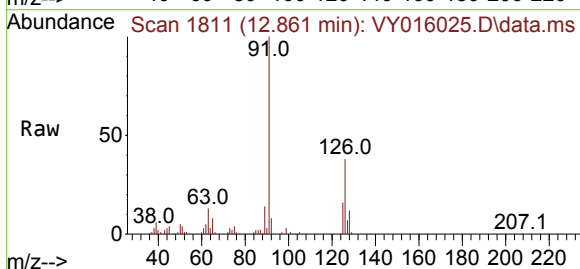


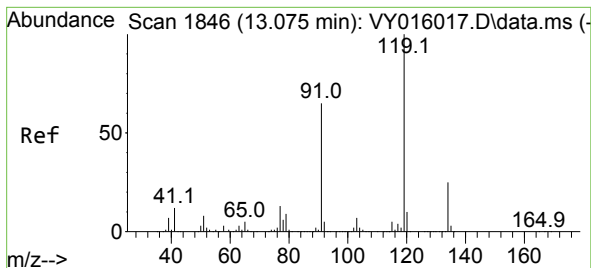
Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.3	77.8	116.8
89	47.8	37.4	56.0



#82
4-Chlorotoluene
Concen: 3.696 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.2	51.6





#83

tert-Butylbenzene

Concen: 3.527 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

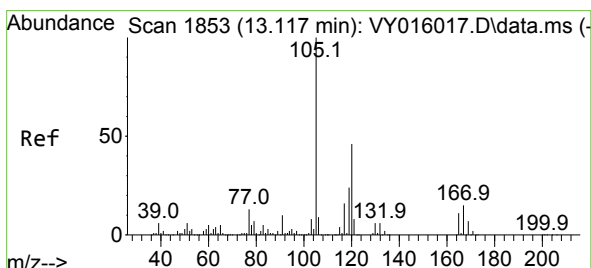
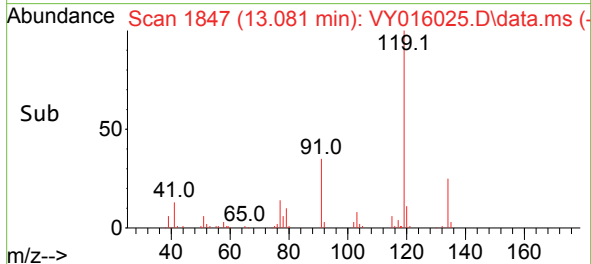
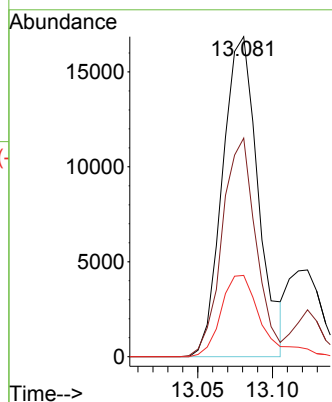
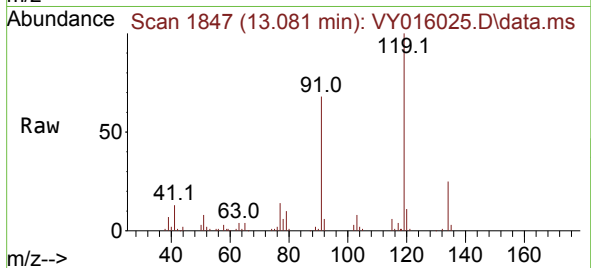
Tgt Ion:119 Resp: 28071

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 28.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 3.530 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016025.D

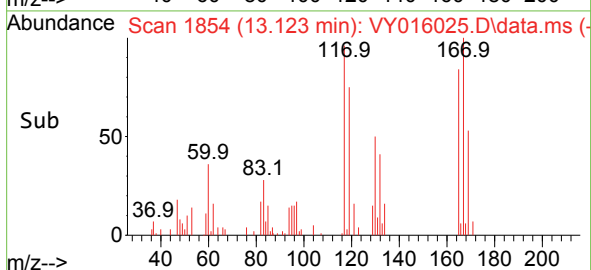
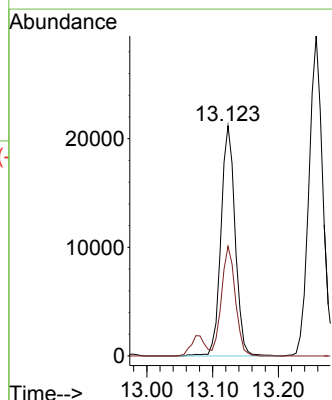
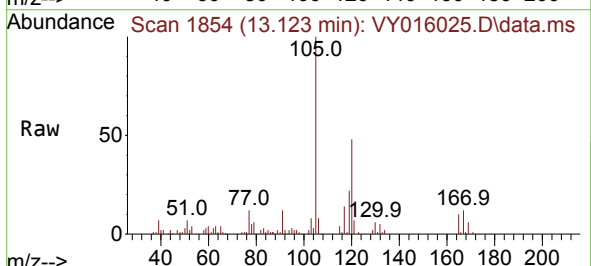
Acq: 18 Oct 2023 17:17

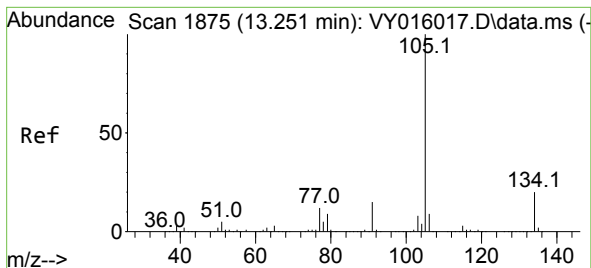
Tgt Ion:105 Resp: 31818

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 3.588 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

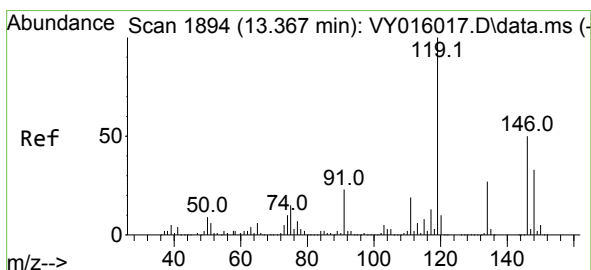
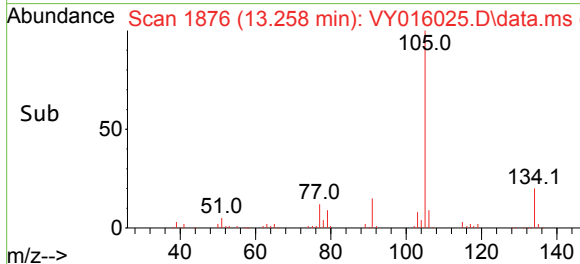
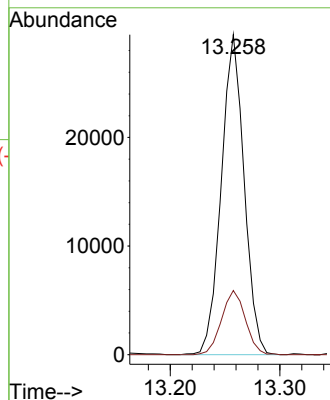
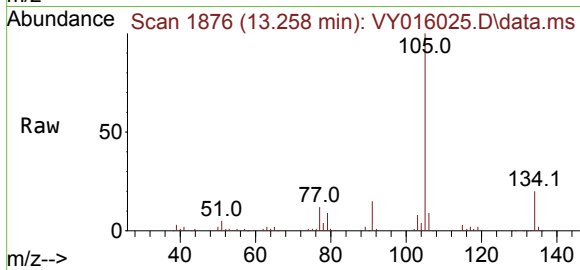
ClientSampleId :

Tgt Ion:105 Resp: 42650

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 3.456 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

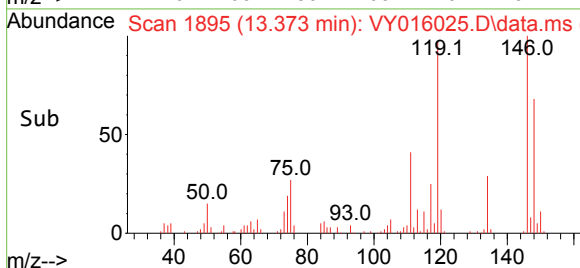
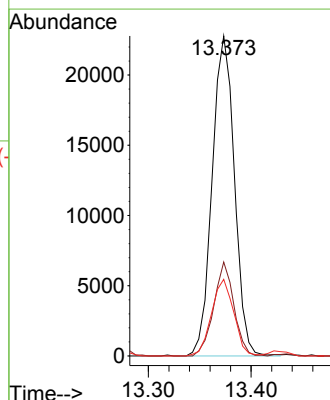
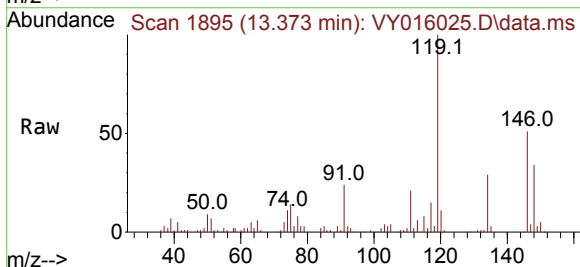
Tgt Ion:119 Resp: 34332

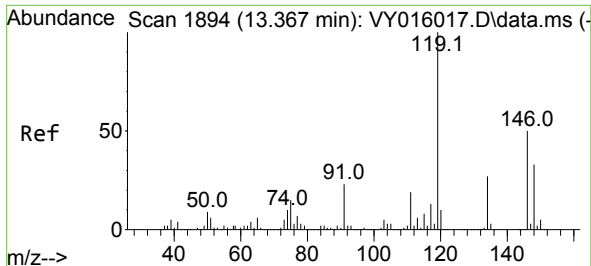
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 3.757 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

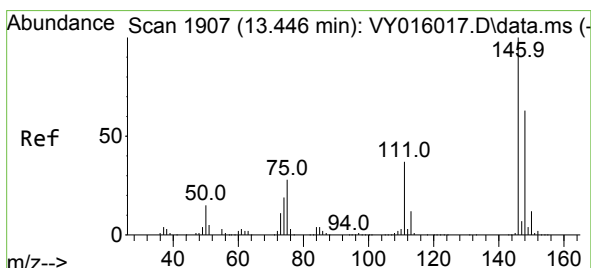
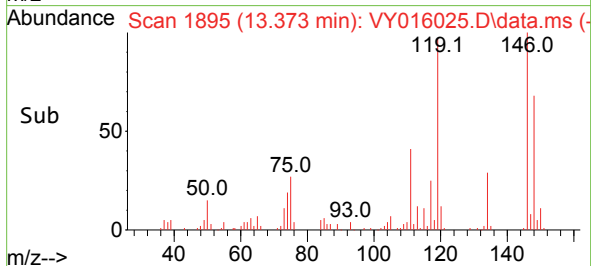
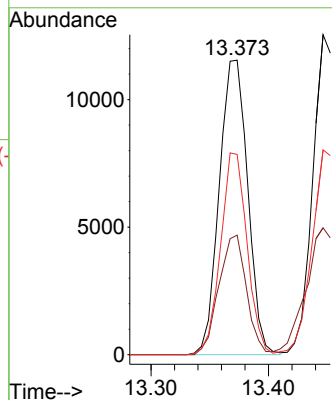
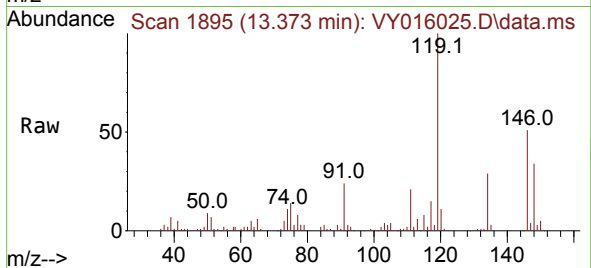
Tgt Ion:146 Resp: 19441

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 3.868 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

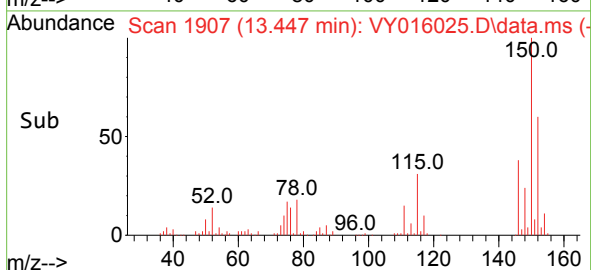
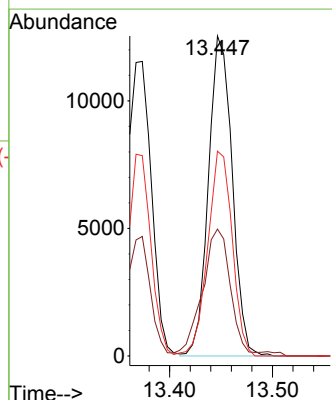
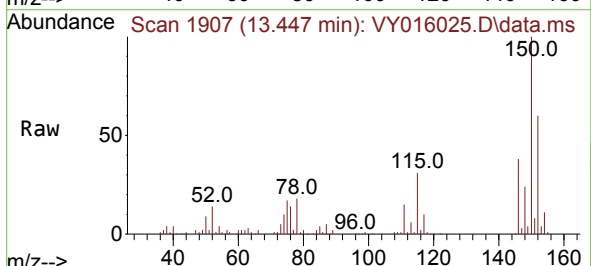
Tgt Ion:146 Resp: 20157

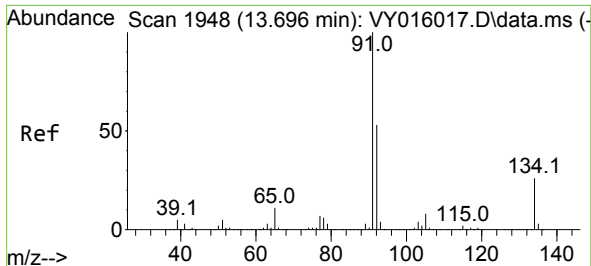
Ion Ratio Lower Upper

146 100

111 44.5 18.9 56.7

148 66.0 32.1 96.5

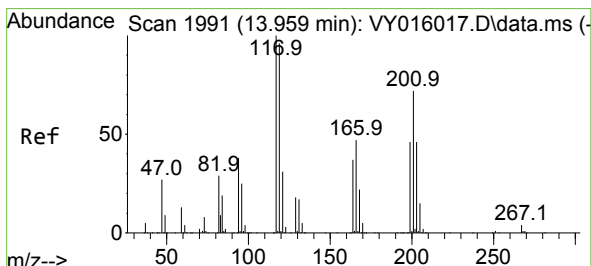
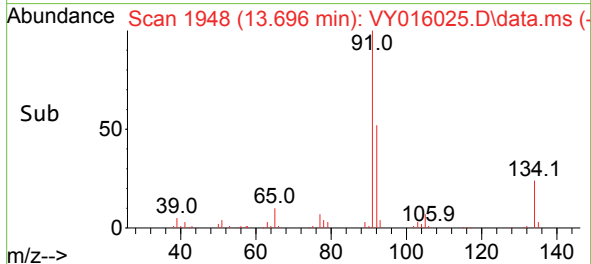
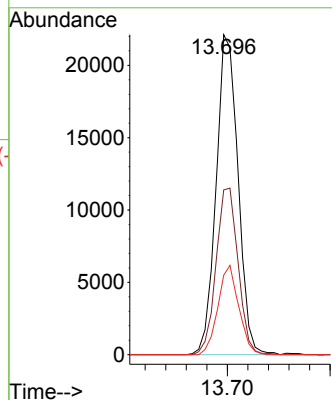
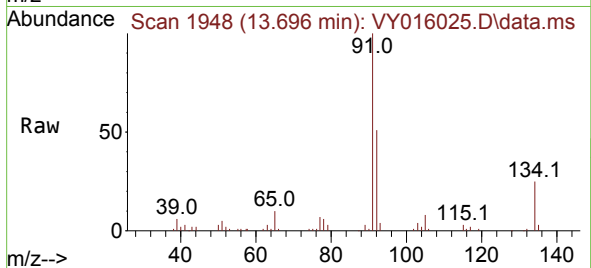




#89
n-Butylbenzene
Concen: 3.535 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

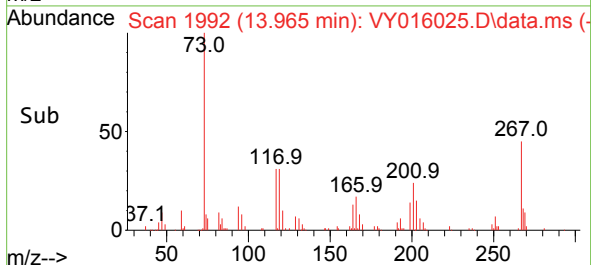
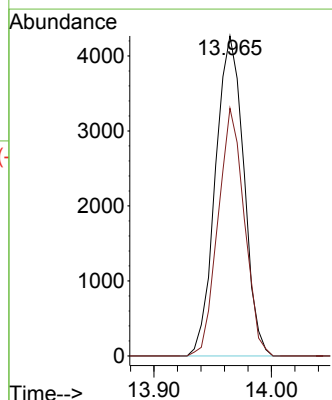
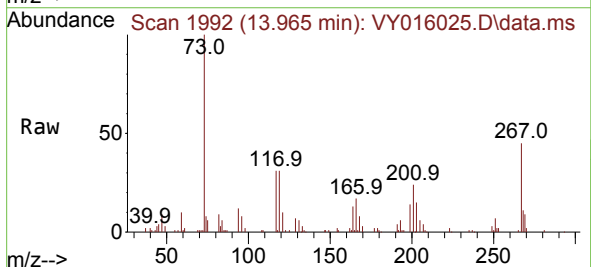
Instrument :
MSVOA_Y
ClientSampleId :

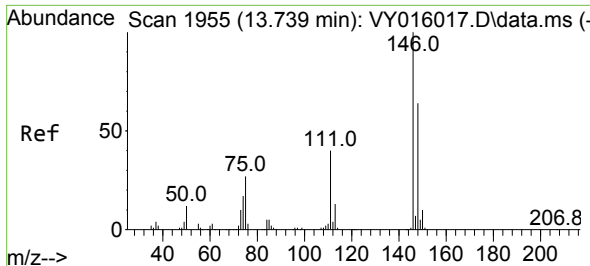
Tgt Ion: 91	Resp: 32691
Ion Ratio	Lower Upper
91 100	
92 52.4	25.4 76.0
134 26.5	12.6 37.6



#90
Hexachloroethane
Concen: 3.777 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion:117	Resp:	7153	
Ion	Ratio	Lower	Upper
117	100		
201	71.8	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 3.928 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

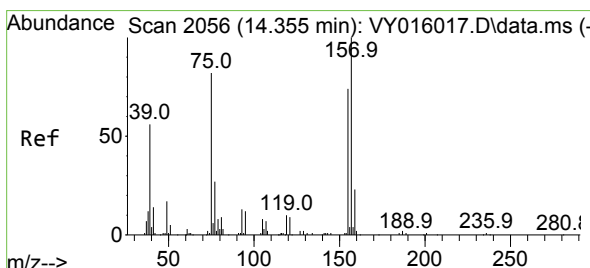
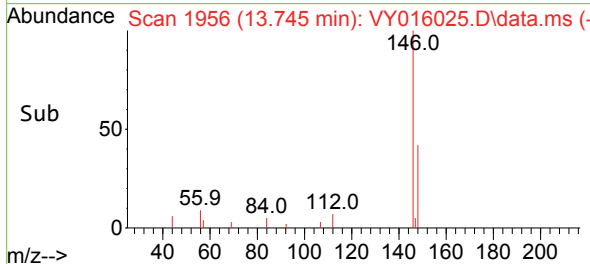
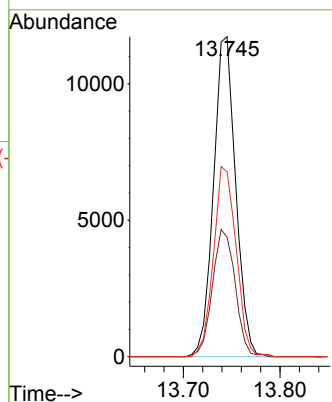
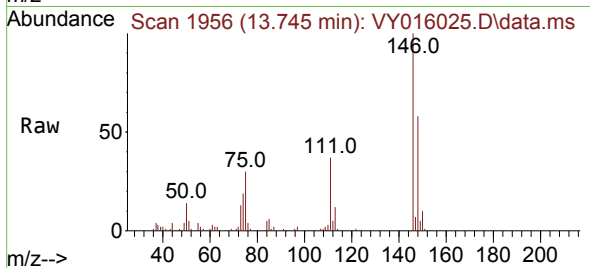
Tgt Ion:146 Resp: 18664

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 60.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.437 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

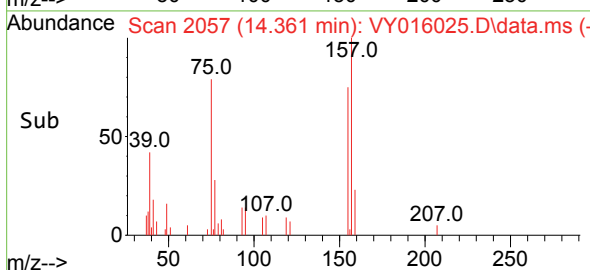
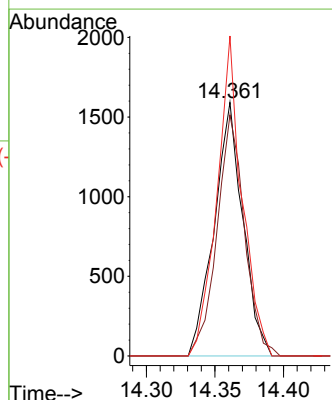
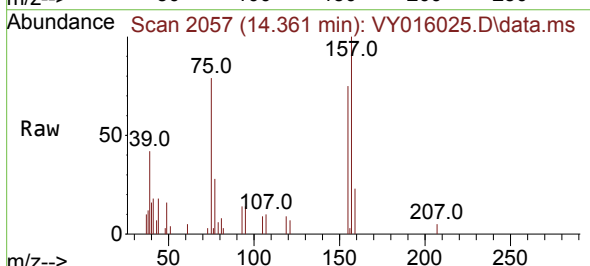
Tgt Ion: 75 Resp: 2318

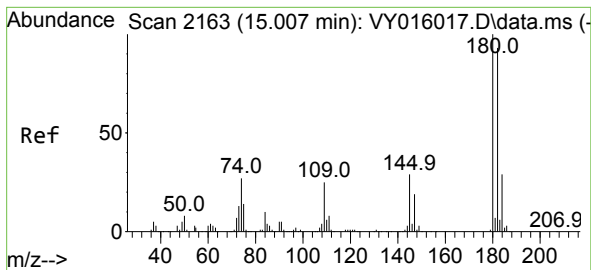
Ion Ratio Lower Upper

75 100

155 91.0 41.5 124.6

157 110.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 3.710 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

Instrument :

MSVOA_Y

ClientSampleId :

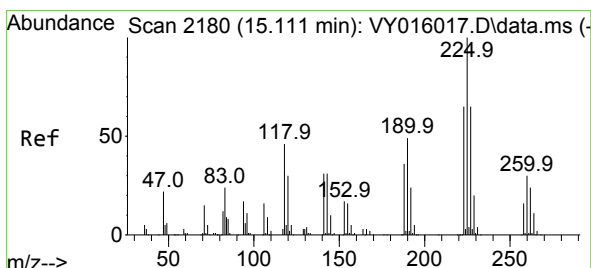
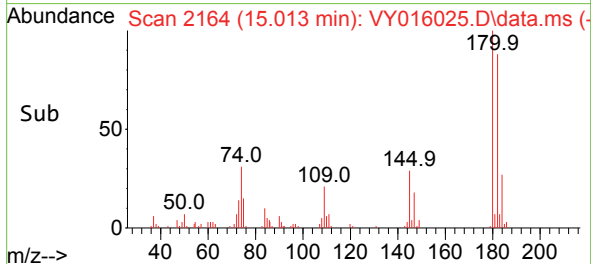
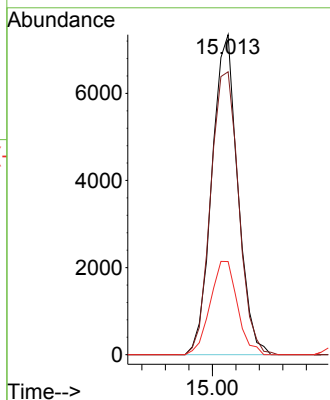
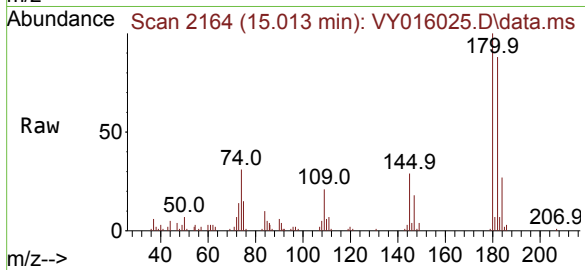
Tgt Ion:180 Resp: 11229

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 3.806 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016025.D

Acq: 18 Oct 2023 17:17

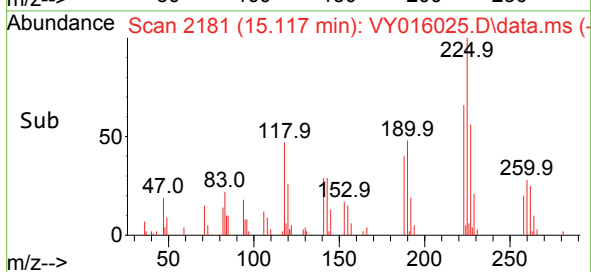
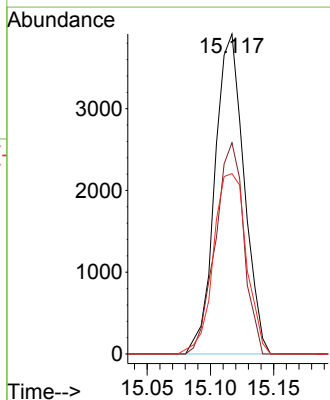
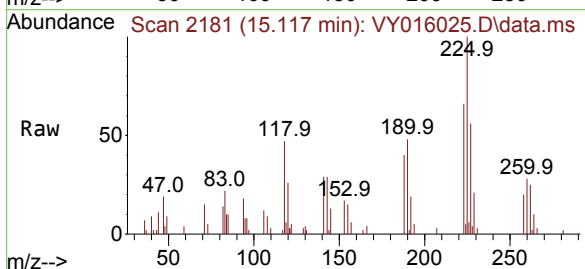
Tgt Ion:225 Resp: 6258

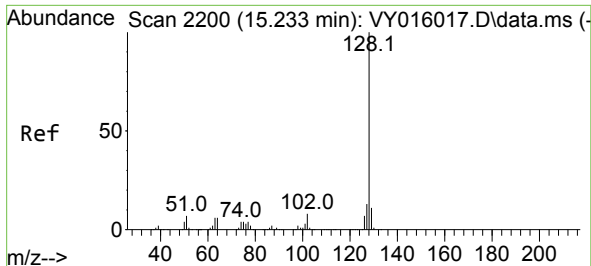
Ion Ratio Lower Upper

225 100

223 64.5 31.9 95.9

227 63.7 33.0 98.9

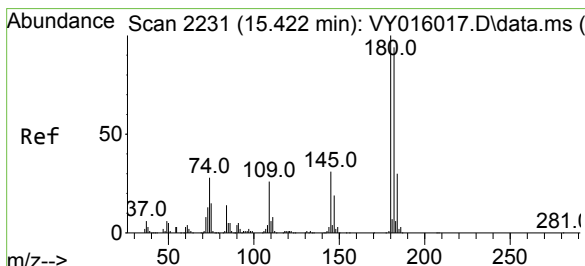
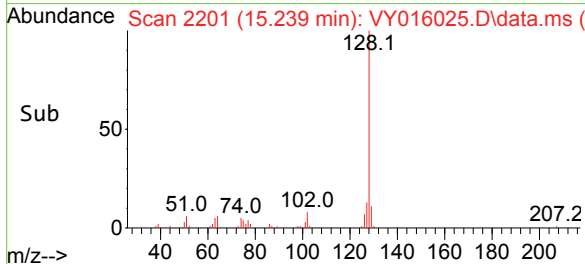
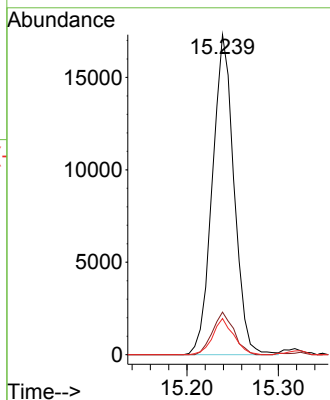
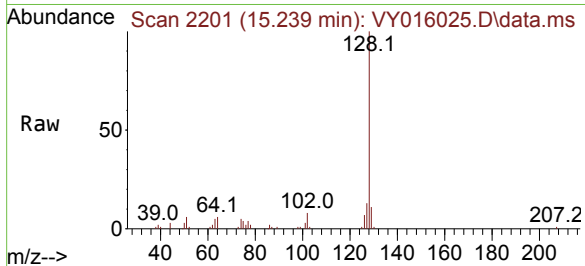




#95
Naphthalene
Concen: 3.838 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	28512
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	10.9	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.810 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY016025.D
Acq: 18 Oct 2023 17:17

Tgt Ion:180	Resp:	10533
Ion Ratio	Lower	Upper
180	100	
182	94.1	47.3 141.8
145	32.9	15.4 46.2

