

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016161.D
 Acq On : 01 Nov 2023 11:19
 Operator : SY/MD
 Sample : VY1101SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	181875	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	289316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251114	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	120484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81113	47.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.320%
35) Dibromofluoromethane	7.716	113	76481	44.341	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.680%
50) Toluene-d8	10.179	98	322125	47.104	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.483	95	106325	45.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20976	18.080	ug/l	89
3) Chloromethane	2.113	50	29704	18.492	ug/l	100
4) Vinyl Chloride	2.247	62	31397	18.938	ug/l	95
5) Bromomethane	2.643	94	21040	18.805	ug/l	99
6) Chloroethane	2.790	64	22242	19.056	ug/l	99
7) Trichlorofluoromethane	3.125	101	46916	18.745	ug/l	95
8) Diethyl Ether	3.527	74	17464	21.053	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	30819	19.546	ug/l	97
10) Methyl Iodide	4.088	142	33196	18.933	ug/l	98
11) Tert butyl alcohol	4.954	59	13579	106.791	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	28278	19.649	ug/l	85
13) Acrolein	3.729	56	14041	115.668	ug/l	99
14) Allyl chloride	4.479	41	41071	19.952	ug/l #	96
15) Acrylonitrile	5.155	53	37745	106.482	ug/l	100
16) Acetone	3.942	43	27924	90.623	ug/l	99
17) Carbon Disulfide	4.198	76	67544	18.799	ug/l	98
18) Methyl Acetate	4.472	43	28191	20.598	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	83521	20.403	ug/l	97
20) Methylene Chloride	4.710	84	41662	22.386	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	32618	19.458	ug/l	89
22) Diisopropyl ether	6.112	45	101401	20.366	ug/l	93
23) Vinyl Acetate	6.058	43	247191	101.118	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	59984	20.130	ug/l	97
25) 2-Butanone	6.984	43	46656	99.368	ug/l	94
26) 2,2-Dichloropropane	6.978	77	55895	19.843	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	38678	19.606	ug/l	93
28) Bromochloromethane	7.332	49	22040	19.766	ug/l	91
29) Tetrahydrofuran	7.350	42	31384	106.630	ug/l	90
30) Chloroform	7.508	83	64783	19.969	ug/l	97
31) Cyclohexane	7.783	56	50115	19.156	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	58585	19.691	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46671	18.739	ug/l	97
37) Ethyl Acetate	7.076	43	23363	21.061	ug/l #	96
38) Carbon Tetrachloride	7.899	117	50079	20.295	ug/l	98
39) Methylcyclohexane	9.185	83	56205	18.905	ug/l	93
40) Benzene	8.161	78	139672	19.534	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11606	18.024	ug/l	96
42) 1,2-Dichloroethane	8.240	62	39742	19.917	ug/l	94
43) Isopropyl Acetate	8.271	43	44729	20.384	ug/l	93
44) Trichloroethene	8.941	130	40349	19.283	ug/l	98
45) 1,2-Dichloropropane	9.215	63	35013	20.355	ug/l	96
46) Dibromomethane	9.307	93	19679	20.168	ug/l	98
47) Bromodichloromethane	9.496	83	50013	20.173	ug/l	98
48) Methyl methacrylate	9.289	41	19688	19.731	ug/l	88
49) 1,4-Dioxane	9.301	88	5350	390.079	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	116664	106.554	ug/l	94
52) Toluene	10.246	92	90764	19.589	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	49314	19.926	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	56625	19.498	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	28208	20.551	ug/l	95
56) Ethyl methacrylate	10.514	69	35959	20.173	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	46524	19.911	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	88993	102.958	ug/l	93
59) 2-Hexanone	10.831	43	80270	106.987	ug/l	89
60) Dibromochloromethane	10.983	129	34447	20.005	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26120	20.007	ug/l	100
64) Tetrachloroethene	10.721	164	41198	18.444	ug/l	98
65) Chlorobenzene	11.520	112	98654	19.774	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36736	19.880	ug/l	97
67) Ethyl Benzene	11.593	91	173302	19.421	ug/l	99
68) m/p-Xylenes	11.703	106	135385	39.263	ug/l	93
69) o-Xylene	12.032	106	64457	19.578	ug/l	95
70) Styrene	12.044	104	105469	19.270	ug/l	98
71) Bromoform	12.209	173	20703	20.195	ug/l #	100
73) Isopropylbenzene	12.331	105	173466	19.193	ug/l	99
74) N-amyl acetate	12.142	43	38910	19.812	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	29719	20.665	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	39874	35.143	ug/l #	100
77) Bromobenzene	12.611	156	39946	19.520	ug/l	95
78) n-propylbenzene	12.672	91	206798	19.354	ug/l	99
79) 2-Chlorotoluene	12.758	91	113943	19.119	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	142263	19.429	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10500	20.065	ug/l	93
82) 4-Chlorotoluene	12.855	91	117690	19.231	ug/l	98
83) tert-Butylbenzene	13.075	119	125234	19.115	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	141003	19.461	ug/l	98
85) sec-Butylbenzene	13.257	105	189316	19.688	ug/l	100
86) p-Isopropyltoluene	13.373	119	155935	19.566	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	78937	19.503	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	77416	19.353	ug/l	98
89) n-Butylbenzene	13.696	91	143824	19.641	ug/l	96
90) Hexachloroethane	13.965	117	28133	20.484	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	69753	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5026	19.528	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	43154	19.994	ug/l	99
94) Hexachlorobutadiene	15.117	225	24629	20.882	ug/l	96
95) Naphthalene	15.239	128	82023	19.562	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	37413	20.292	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

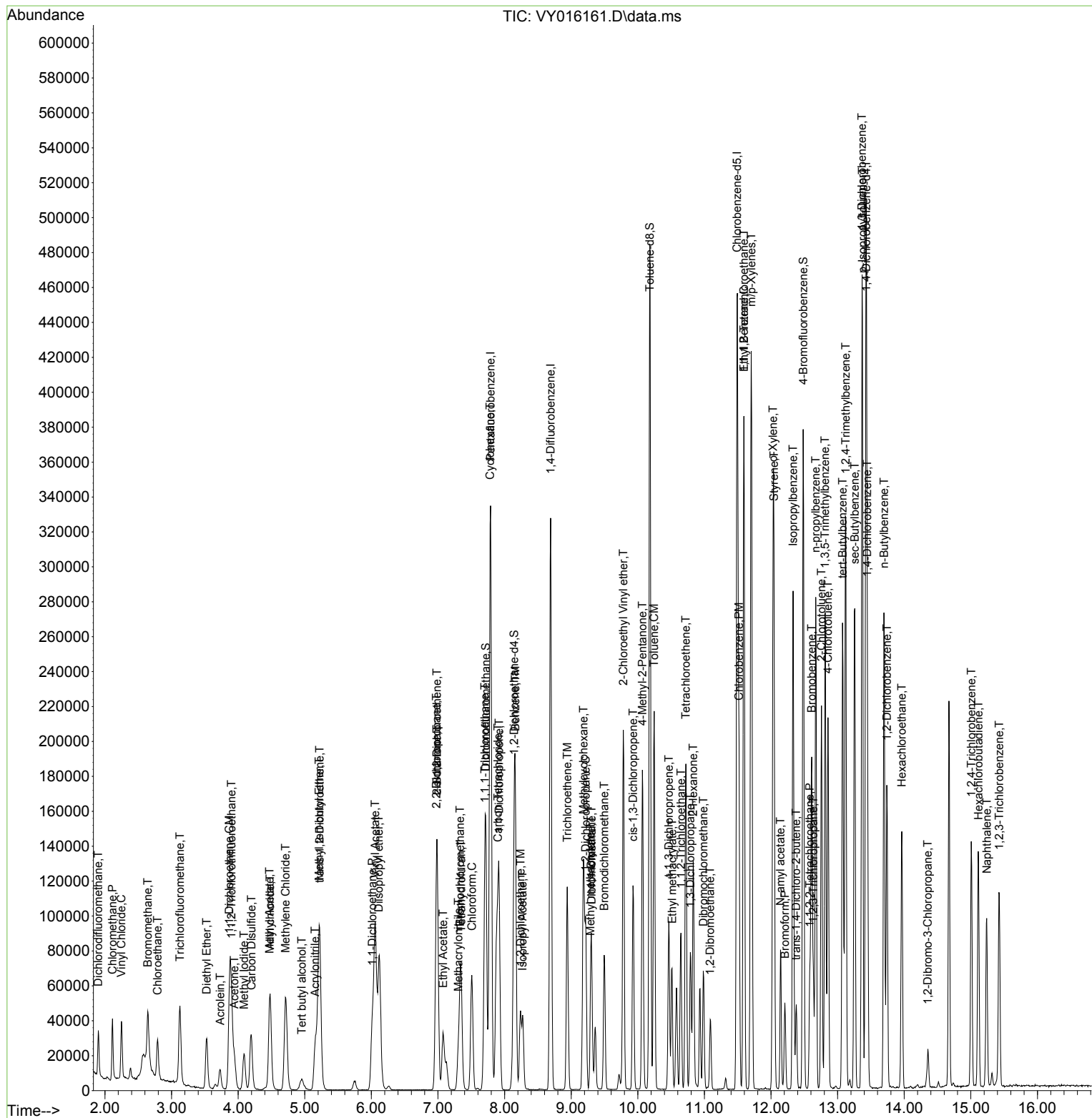
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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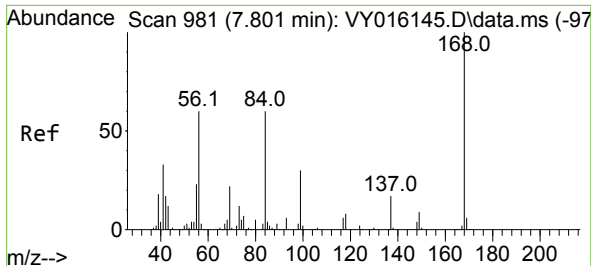
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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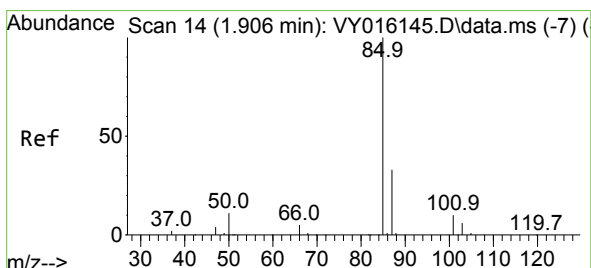
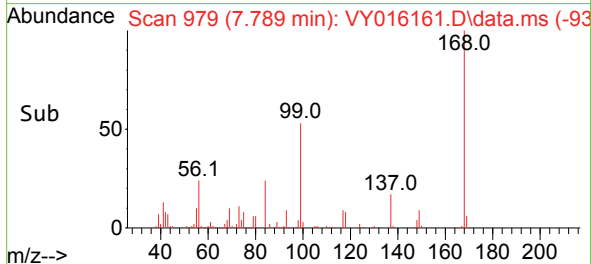
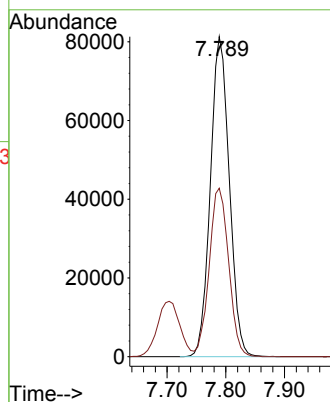
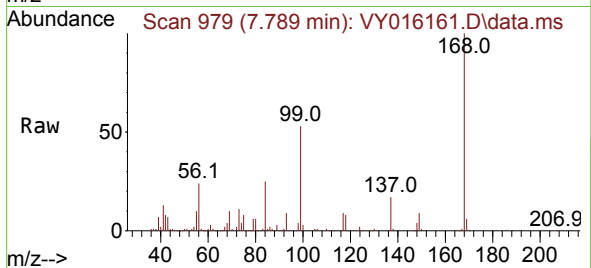




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
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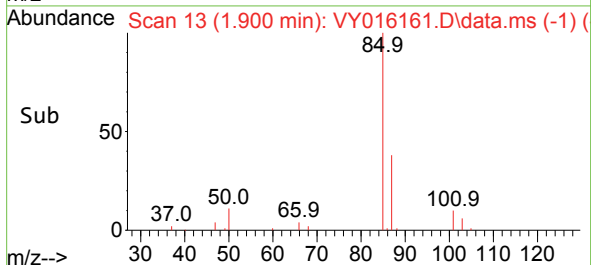
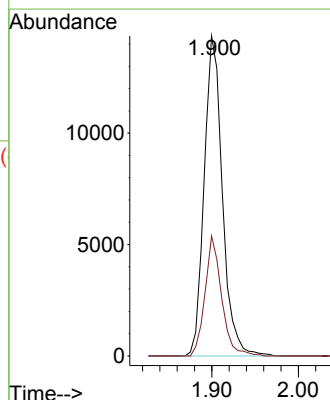
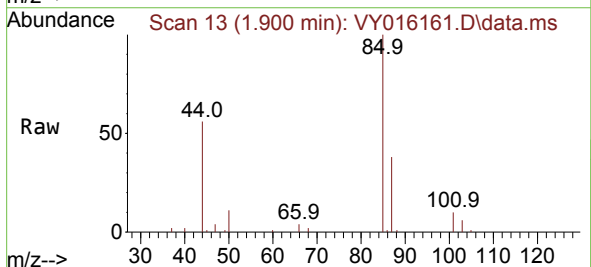
Instrument :
MSVOA_Y
ClientSampleId :

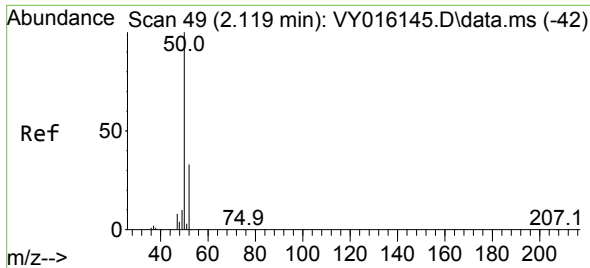
Tgt Ion:168 Resp: 181875
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.080 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 85 Resp: 20976
Ion Ratio Lower Upper
85 100
87 37.5 15.6 46.8

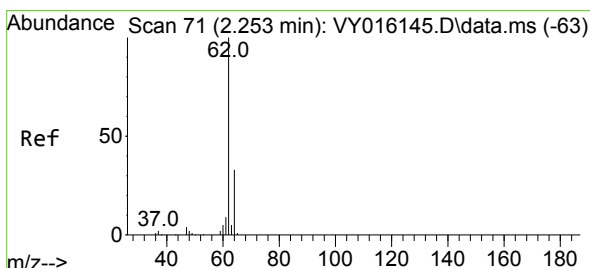
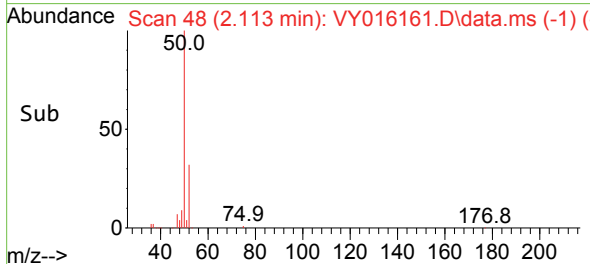
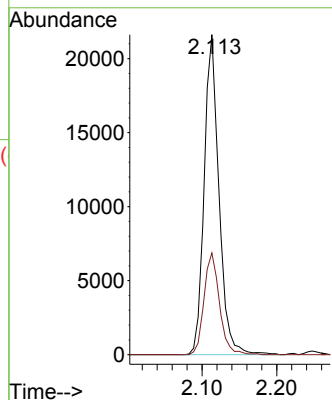
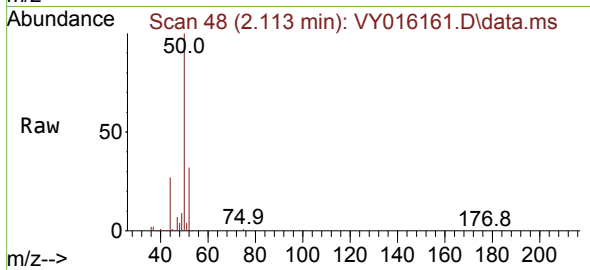




#3
Chloromethane
Concen: 18.492 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

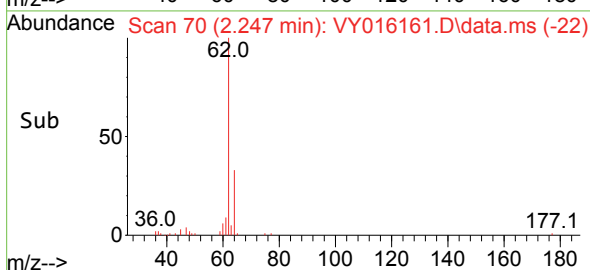
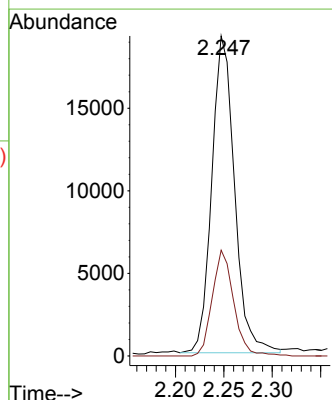
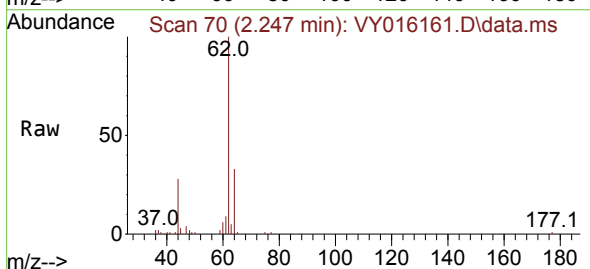
Instrument :
MSVOA_Y
ClientSampleId :

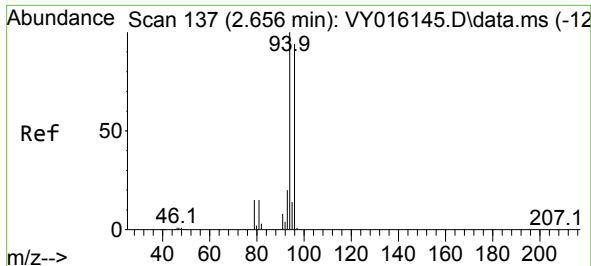
Tgt Ion: 50 Resp: 29704
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.2



#4
Vinyl Chloride
Concen: 18.938 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

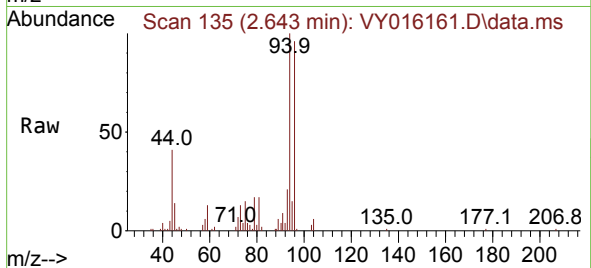
Tgt Ion: 62 Resp: 31397
Ion Ratio Lower Upper
62 100
64 33.4 24.3 36.5



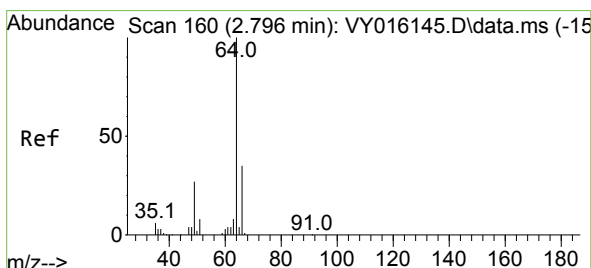
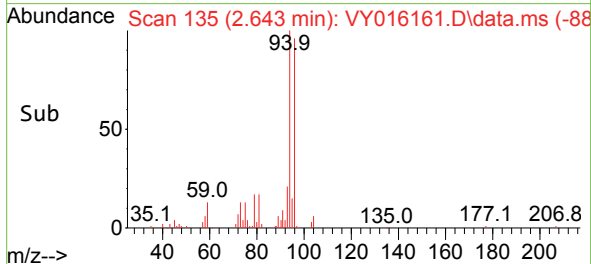
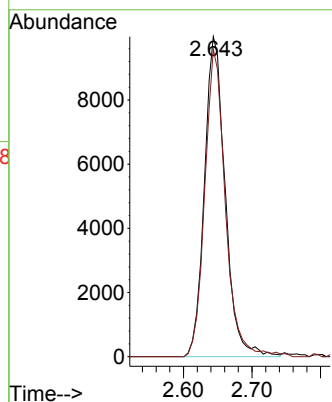


#5
Bromomethane
Concen: 18.805 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016161.D
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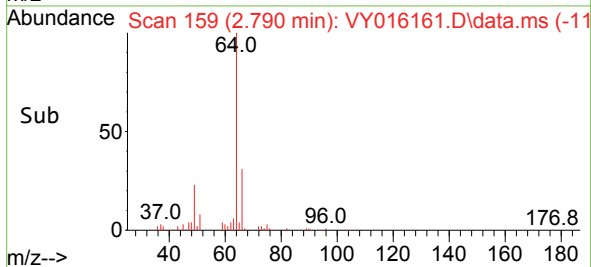
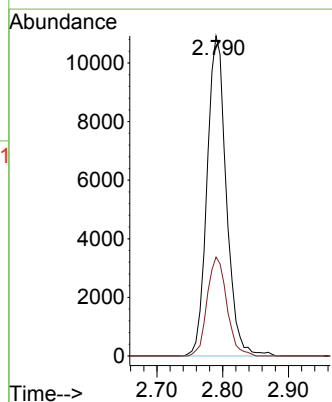
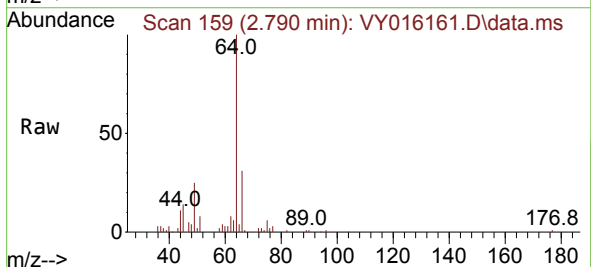


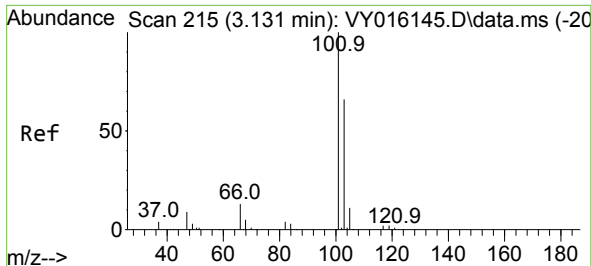
Tgt Ion: 94 Resp: 21040
Ion Ratio Lower Upper
94 100
96 96.0 75.8 113.6



#6
Chloroethane
Concen: 19.056 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 64 Resp: 22242
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6

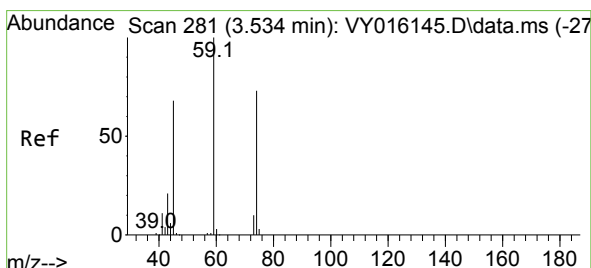
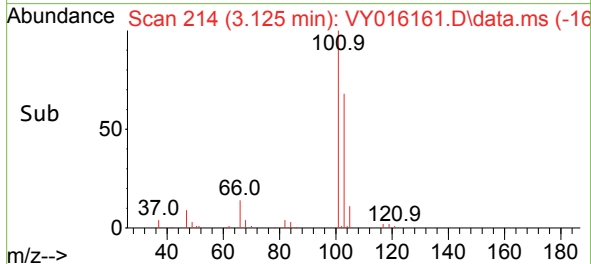
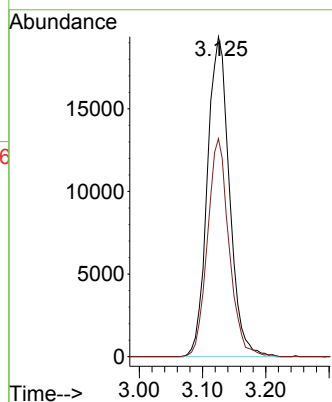
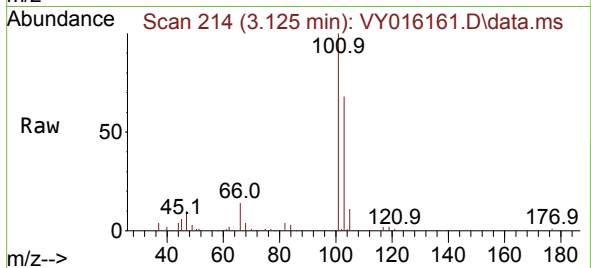




#7
Trichlorofluoromethane
Concen: 18.745 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY016161.D
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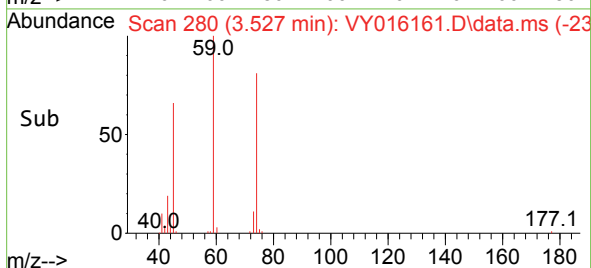
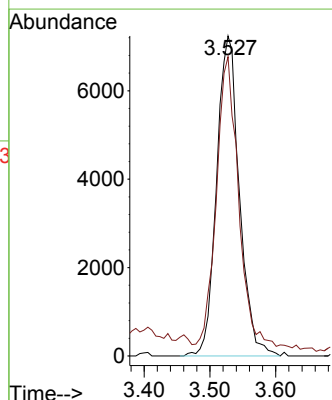
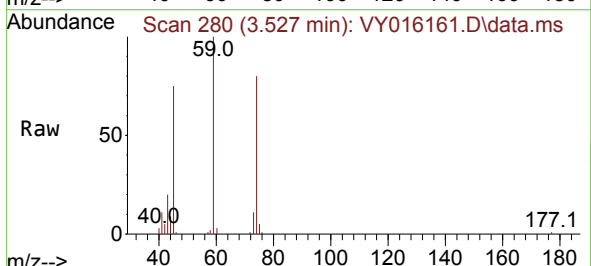
Instrument :
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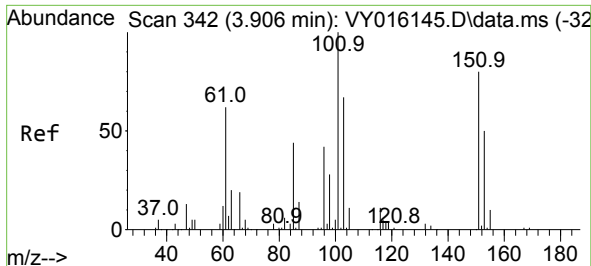
Tgt Ion:101 Resp: 46916
Ion Ratio Lower Upper
101 100
103 68.2 51.4 77.0



#8
Diethyl Ether
Concen: 21.053 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 17464
Ion Ratio Lower Upper
74 100
45 93.8 51.5 154.5

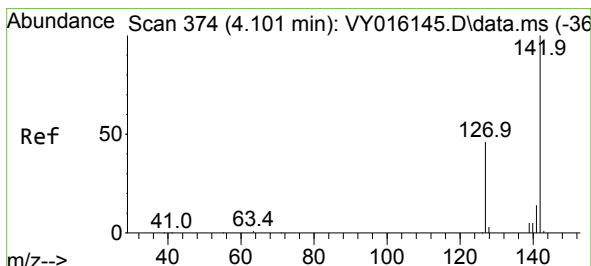
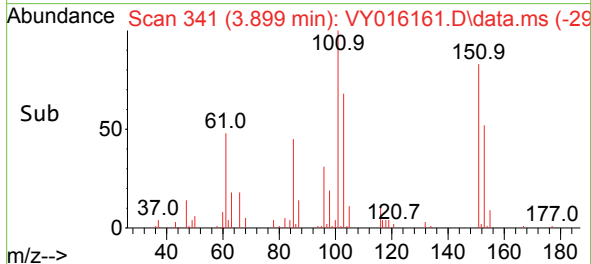
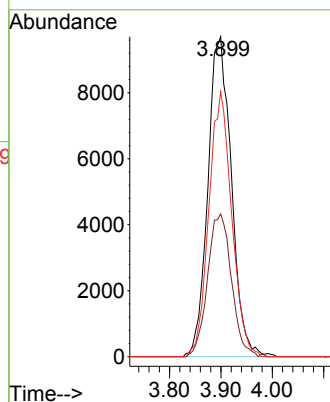
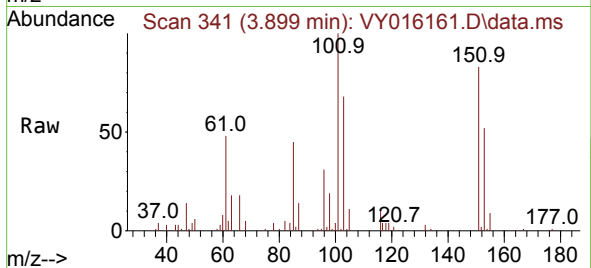




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.546 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

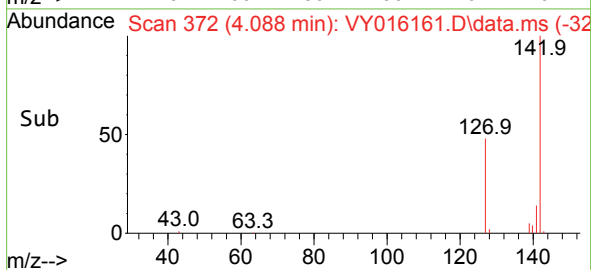
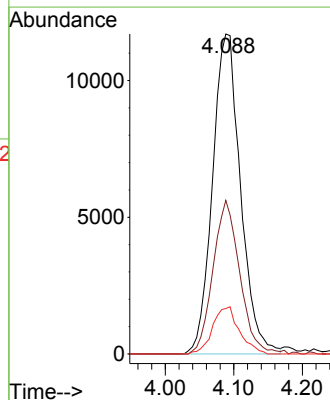
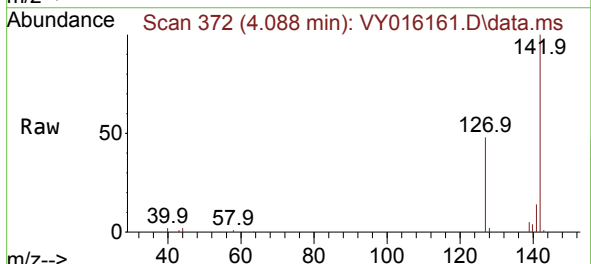
Instrument :
MSVOA_Y
ClientSampleId :

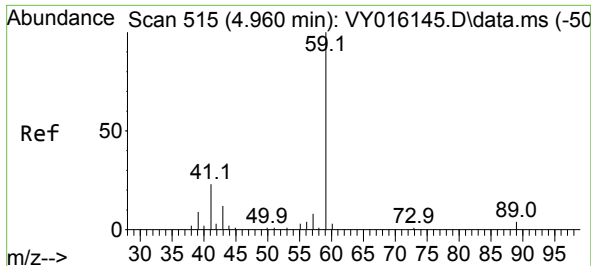
Tgt Ion:101 Resp: 30819
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.933 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

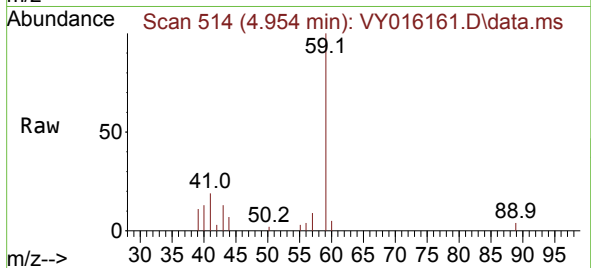
Tgt Ion:142 Resp: 33196
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.0 11.8 17.8



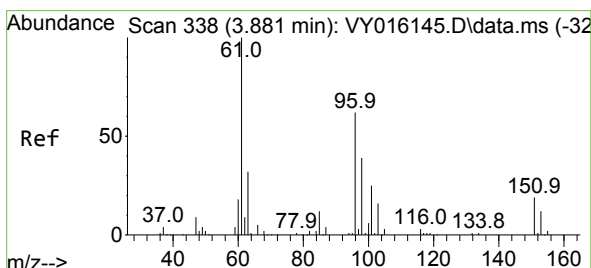
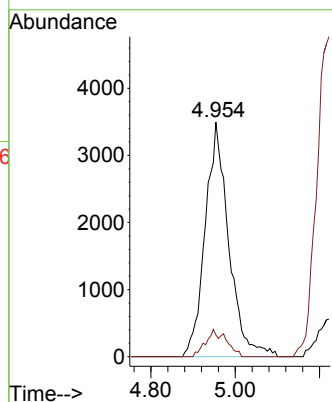
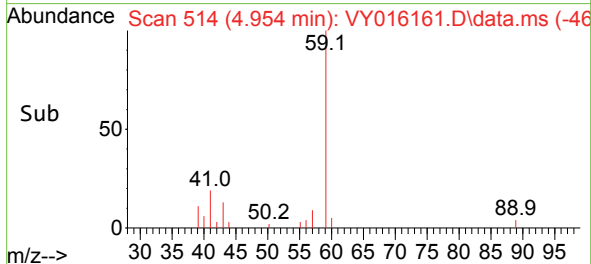


#11
Tert butyl alcohol
Concen: 106.791 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

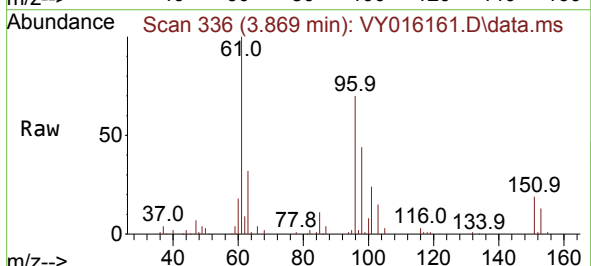
Instrument :
MSVOA_Y
ClientSampleId :



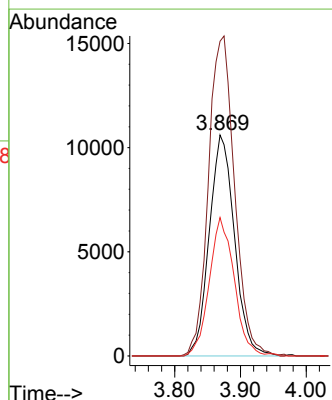
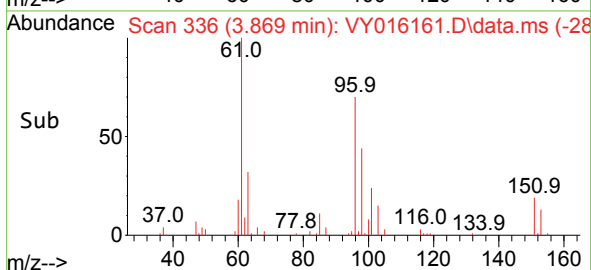
Tgt Ion: 59 Resp: 13579
Ion Ratio Lower Upper
59 100
57 6.0 3.0 4.4#

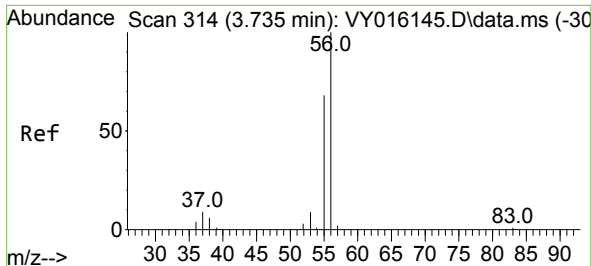


#12
1,1-Dichloroethene
Concen: 19.649 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19



Tgt Ion: 96 Resp: 28278
Ion Ratio Lower Upper
96 100
61 142.4 136.4 204.6
98 62.7 49.4 74.2





#13

Acrolein

Concen: 115.668 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

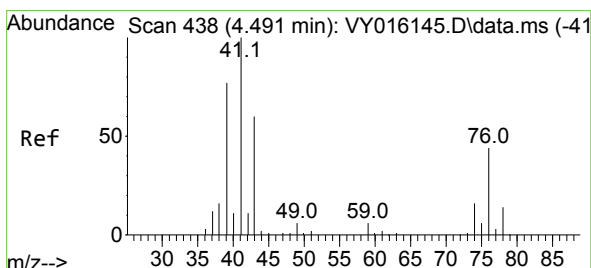
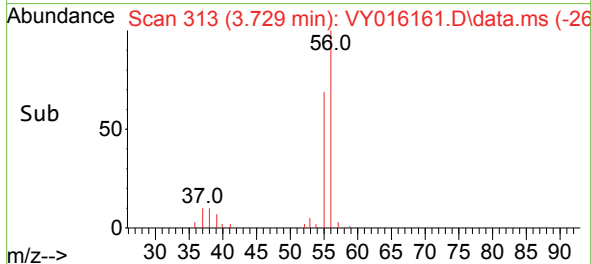
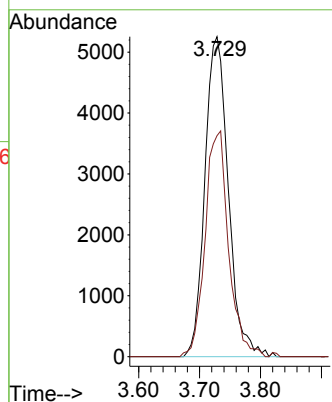
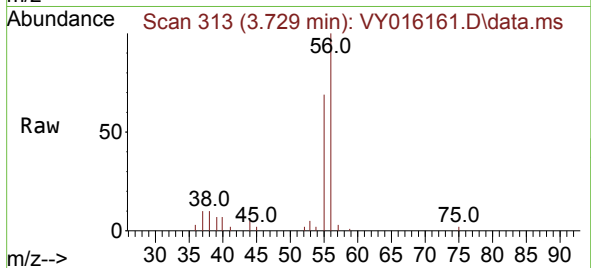
ClientSampleId :

Tgt Ion: 56 Resp: 14041

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 19.952 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

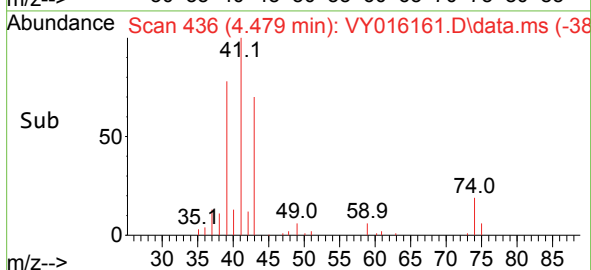
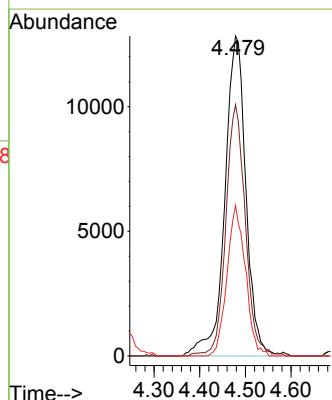
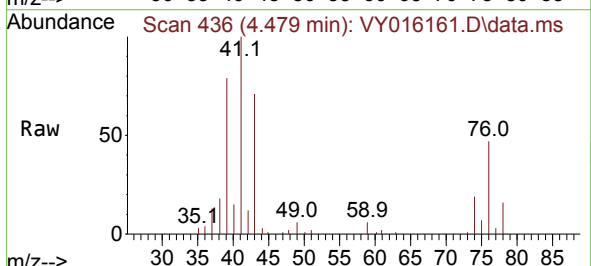
Tgt Ion: 41 Resp: 41071

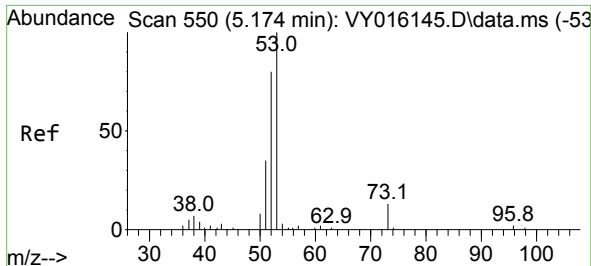
Ion Ratio Lower Upper

41 100

39 73.0 58.0 87.0

76 41.3 27.4 41.2#

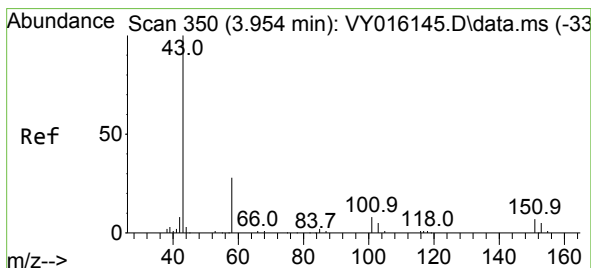
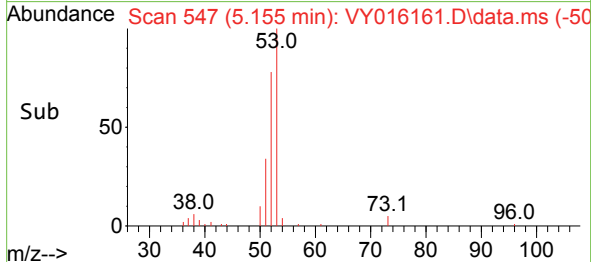
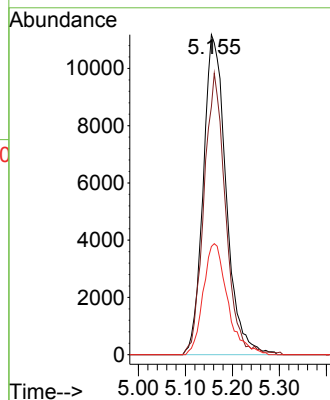
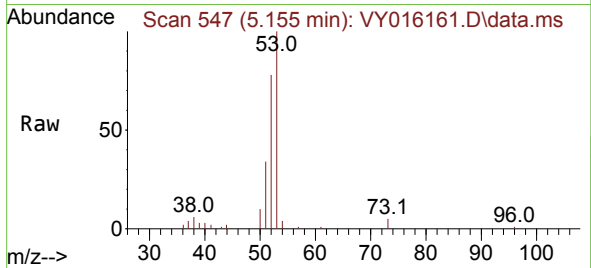




#15
Acrylonitrile
Concen: 106.482 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

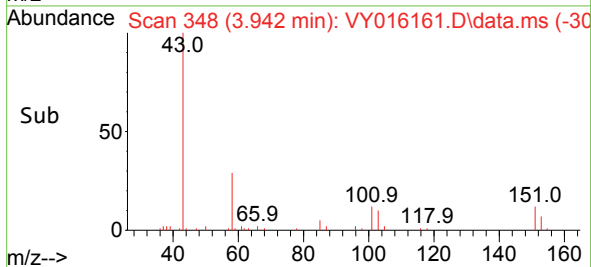
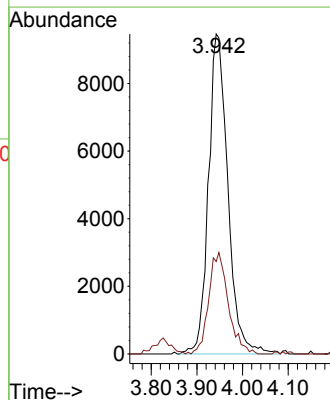
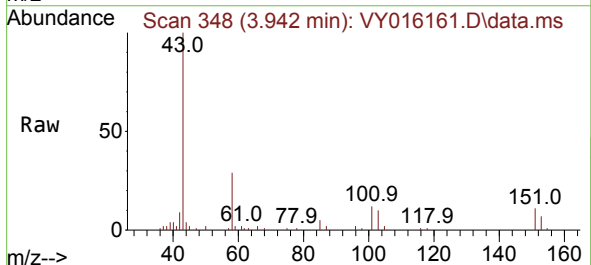
Instrument :
MSVOA_Y
ClientSampleId :

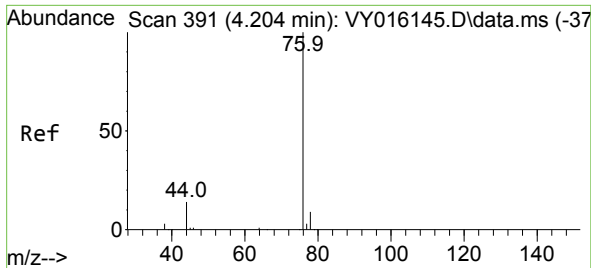
Tgt Ion: 53 Resp: 37745
Ion Ratio Lower Upper
53 100
52 83.5 66.9 100.3
51 36.9 29.8 44.6



#16
Acetone
Concen: 90.623 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 43 Resp: 27924
Ion Ratio Lower Upper
43 100
58 28.9 22.7 34.1





#17

Carbon Disulfide

Concen: 18.799 ug/l

RT: 4.198 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

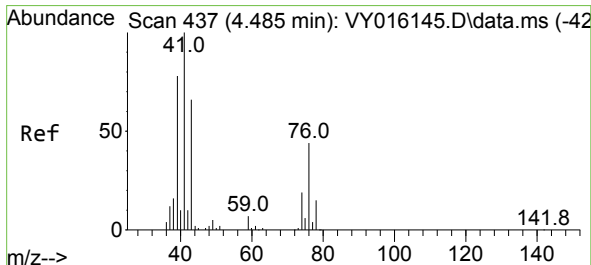
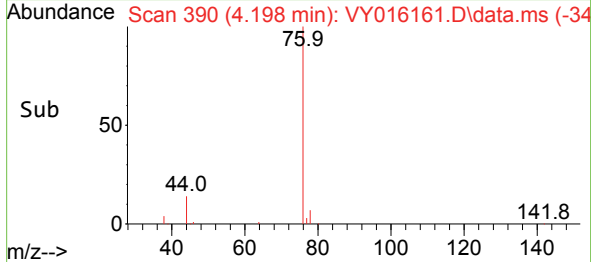
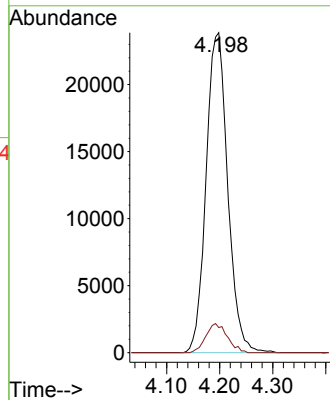
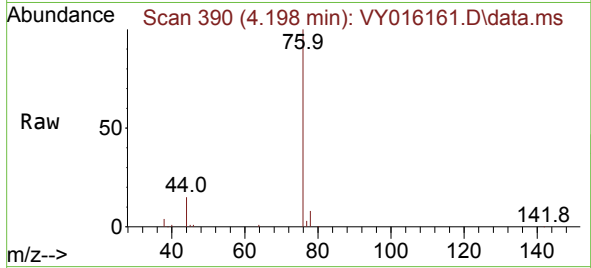
ClientSampleId :

Tgt Ion: 76 Resp: 67544

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4



#18

Methyl Acetate

Concen: 20.598 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.012 min

Lab File: VY016161.D

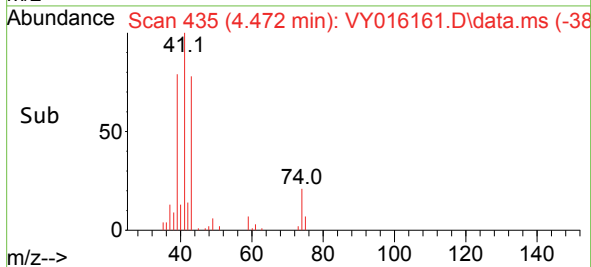
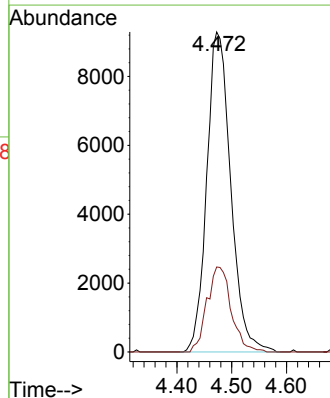
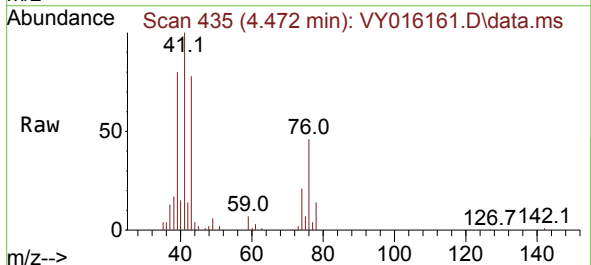
Acq: 01 Nov 2023 11:19

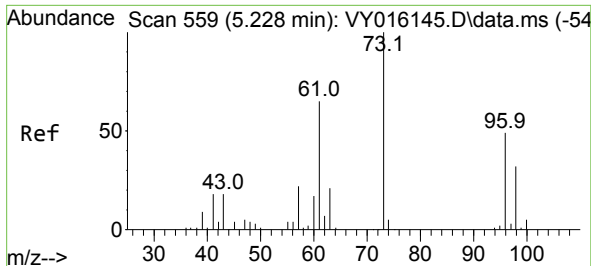
Tgt Ion: 43 Resp: 28191

Ion Ratio Lower Upper

43 100

74 26.8 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 20.403 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

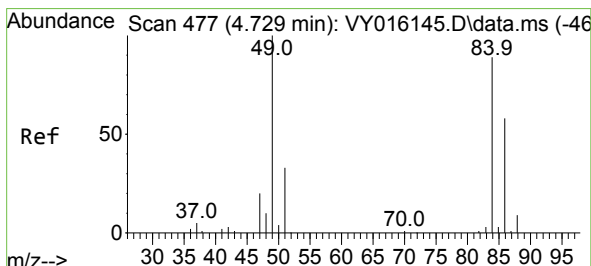
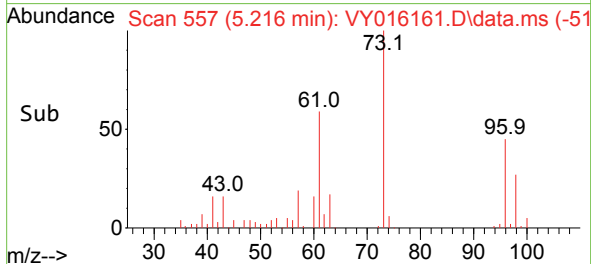
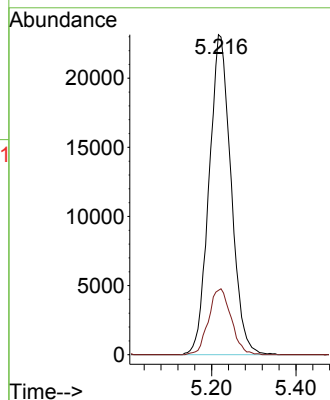
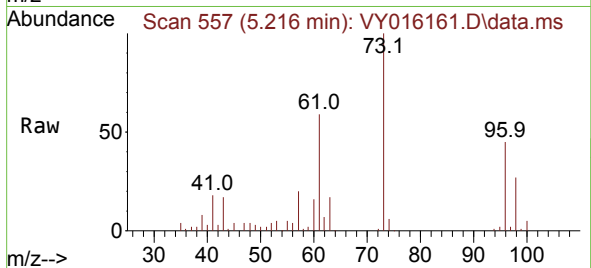
ClientSampleId :

Tgt Ion: 73 Resp: 83521

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 22.386 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.019 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Tgt Ion: 84 Resp: 41662

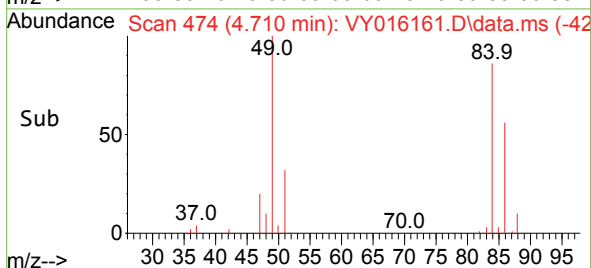
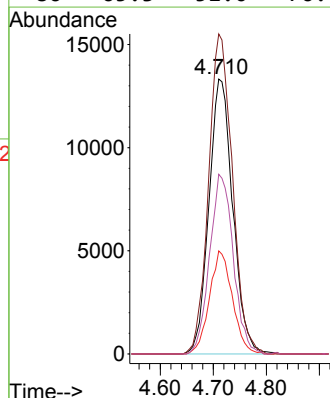
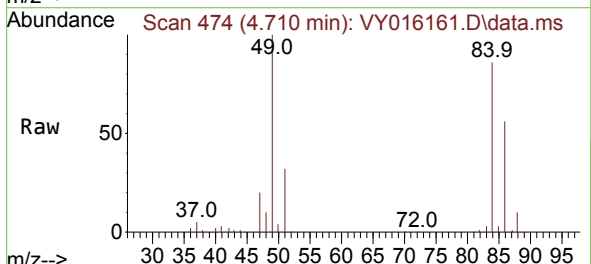
Ion Ratio Lower Upper

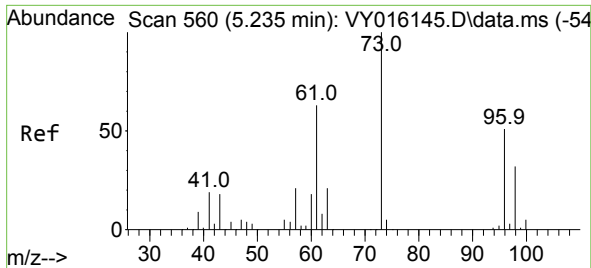
84 100

49 116.4 106.9 160.3

51 37.5 33.2 49.8

86 65.3 51.0 76.6

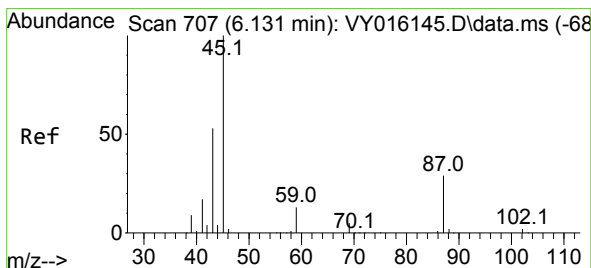
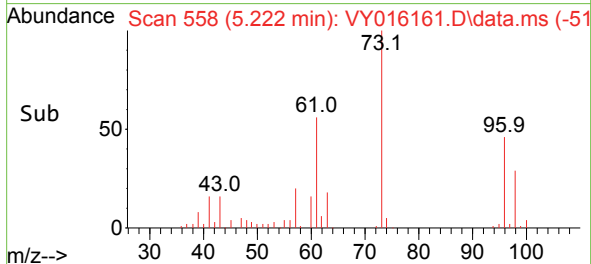
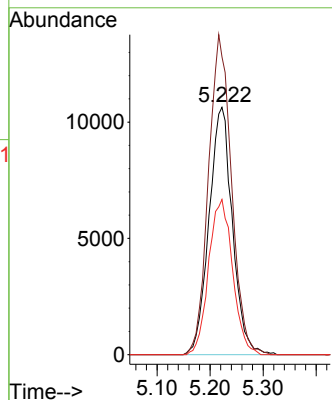
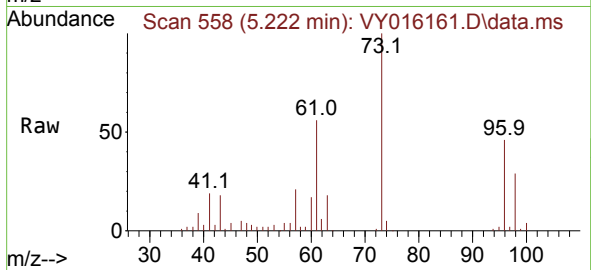




#21
trans-1,2-Dichloroethene
Concen: 19.458 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

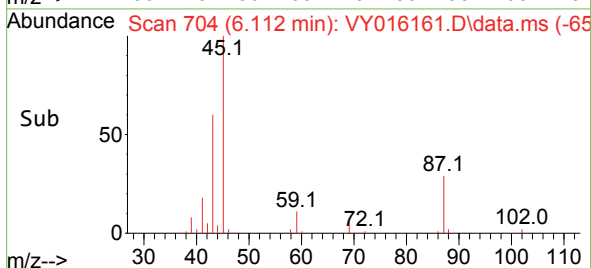
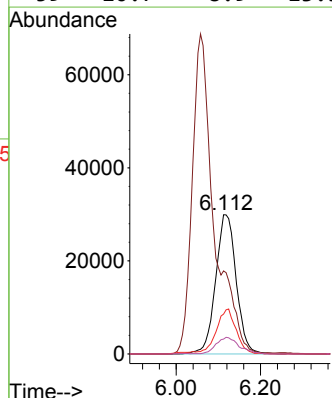
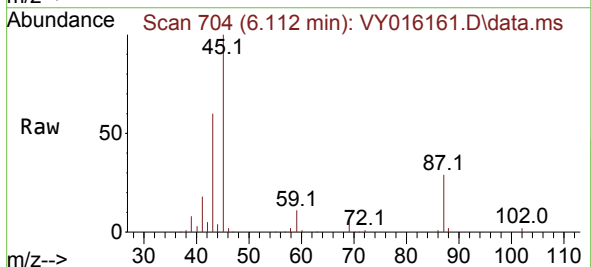
Instrument :
MSVOA_Y
ClientSampleId :

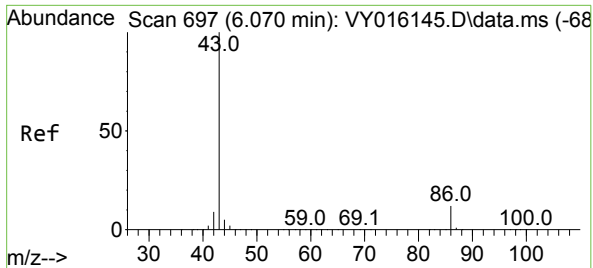
Tgt Ion: 96 Resp: 32618
Ion Ratio Lower Upper
96 100
61 120.4 110.2 165.4
98 62.8 51.8 77.6



#22
Diisopropyl ether
Concen: 20.366 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.018 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 45 Resp: 101401
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 28.7 21.0 31.6
59 10.7 8.9 13.3

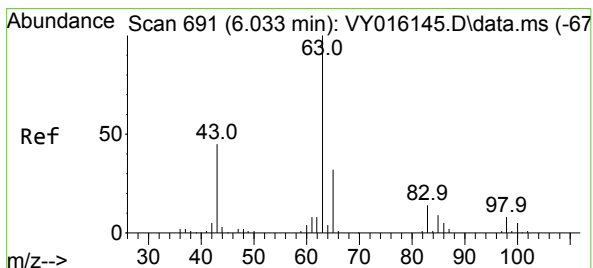
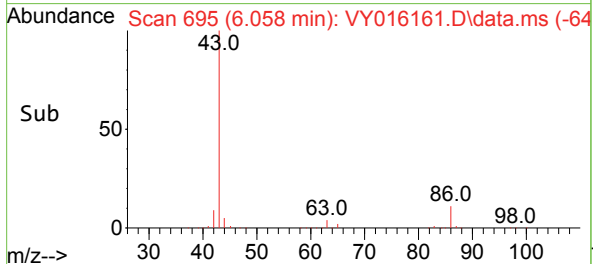
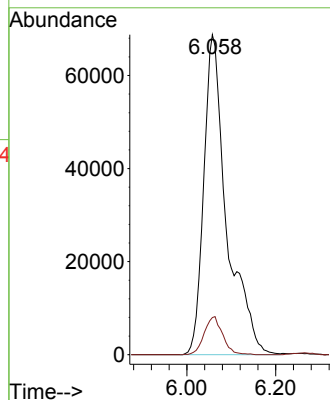
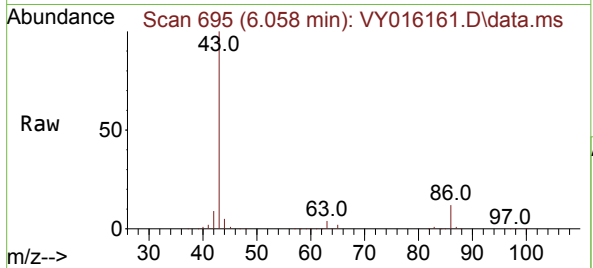




#23
 Vinyl Acetate
 Concen: 101.118 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY016161.D
 Acq: 01 Nov 2023 11:19

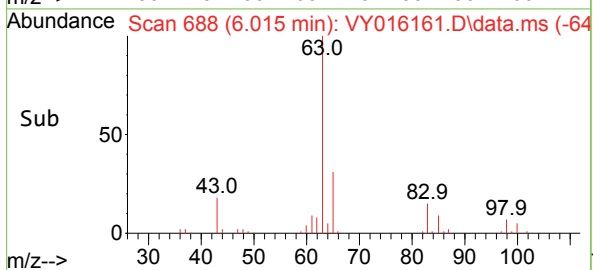
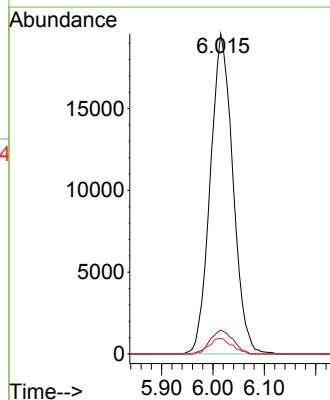
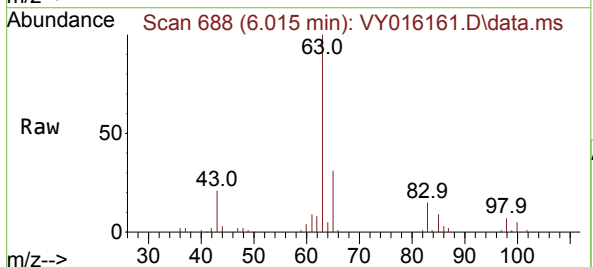
Instrument :
 MSVOA_Y
 ClientSampleId :

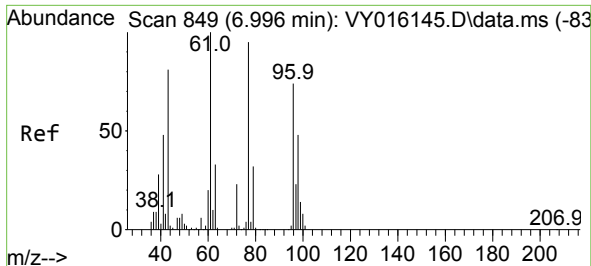
Tgt Ion: 43 Resp: 247191
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.130 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY016161.D
 Acq: 01 Nov 2023 11:19

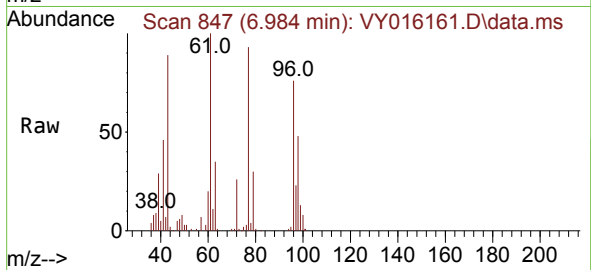
Tgt Ion: 63 Resp: 59984
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.9 1.8 5.5



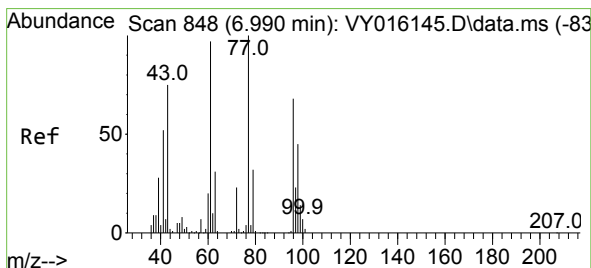
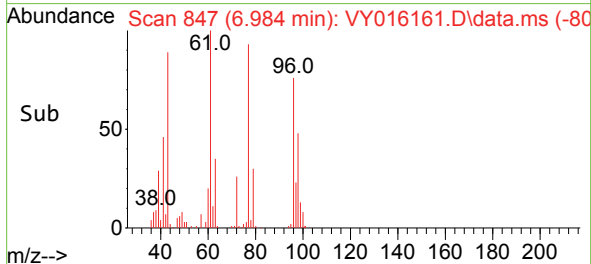
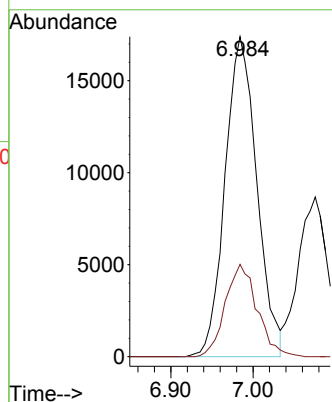


#25
2-Butanone
Concen: 99.368 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

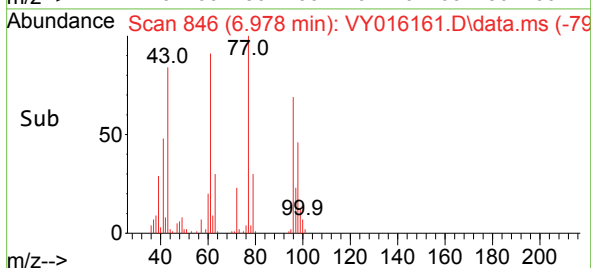
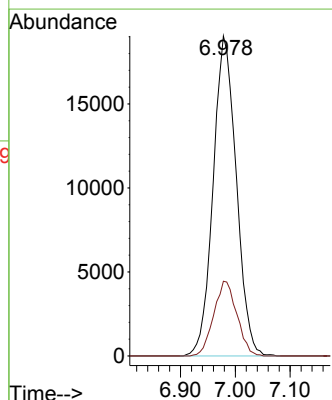
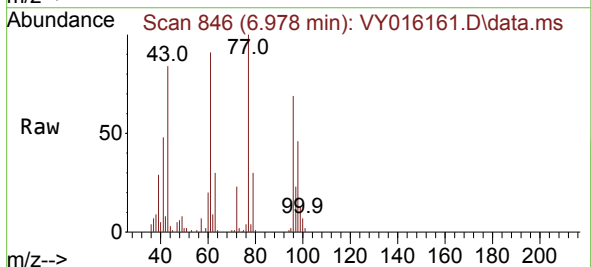


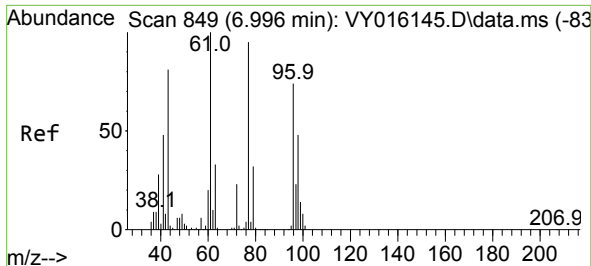
Tgt Ion: 43 Resp: 46656
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.843 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 77 Resp: 55895
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.606 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

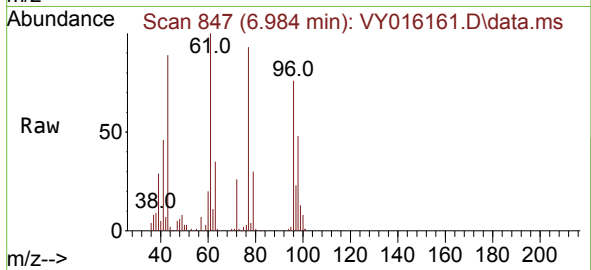
Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :



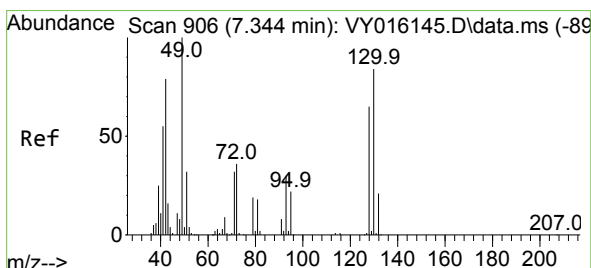
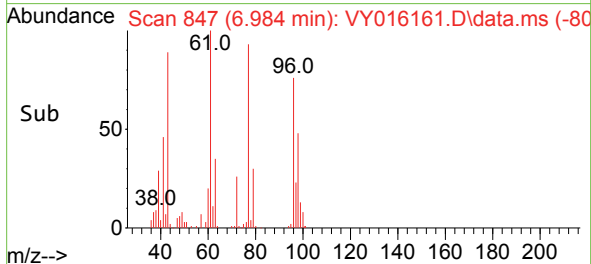
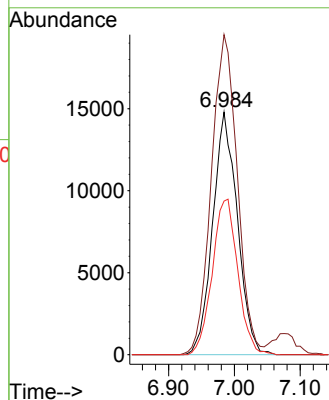
Tgt Ion: 96 Resp: 38678

Ion Ratio Lower Upper

96 100

61 138.8 0.0 301.4

98 66.2 0.0 130.4



#28

Bromochloromethane

Concen: 19.766 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

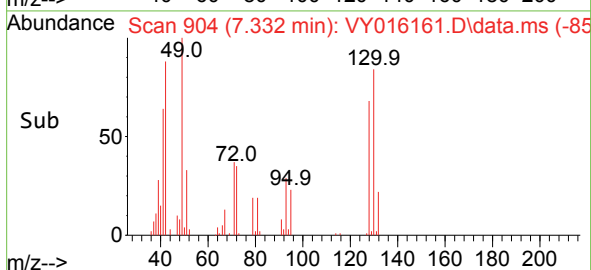
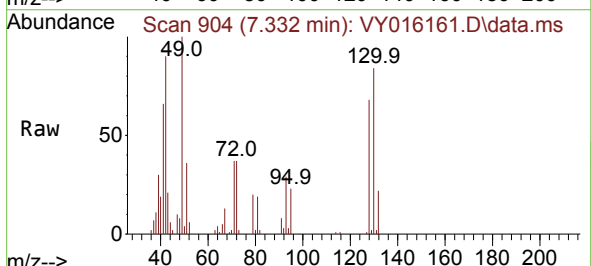
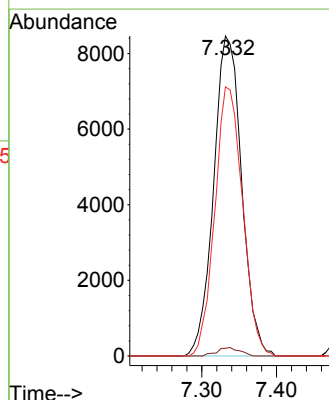
Tgt Ion: 49 Resp: 22040

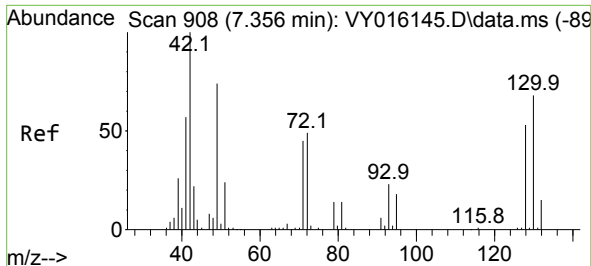
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 106.630 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

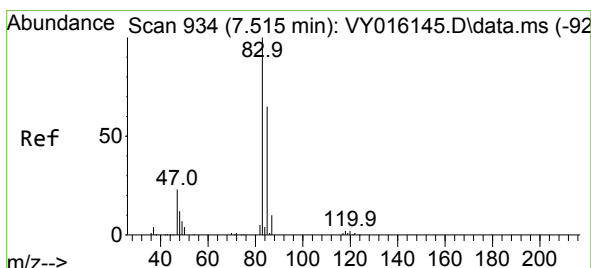
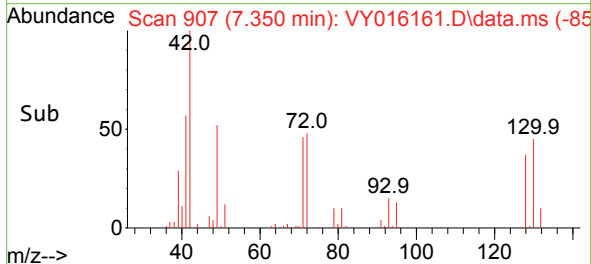
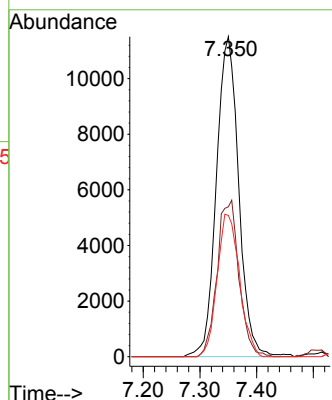
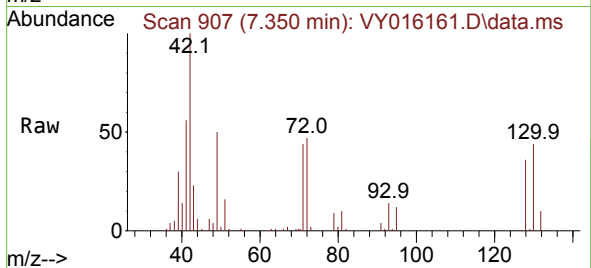
Tgt Ion: 42 Resp: 31384

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 19.969 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016161.D

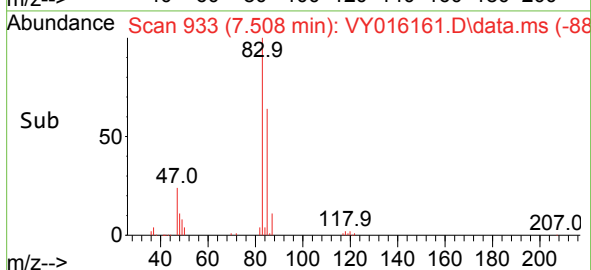
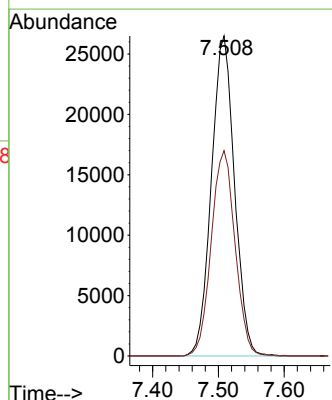
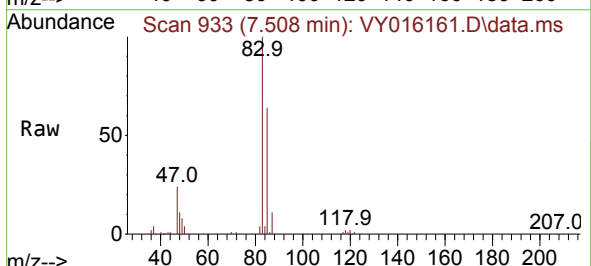
Acq: 01 Nov 2023 11:19

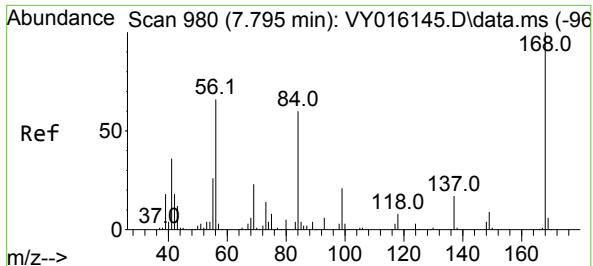
Tgt Ion: 83 Resp: 64783

Ion Ratio Lower Upper

83 100

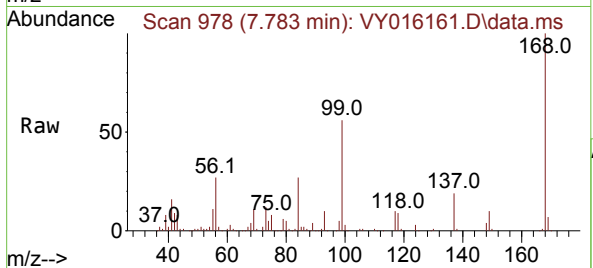
85 64.2 49.7 74.5



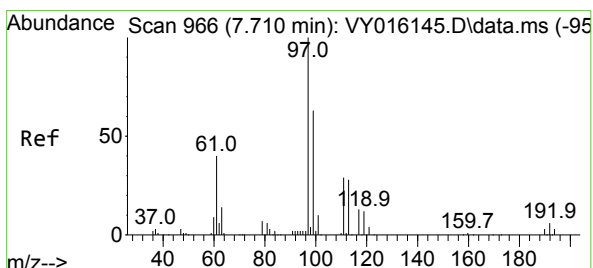
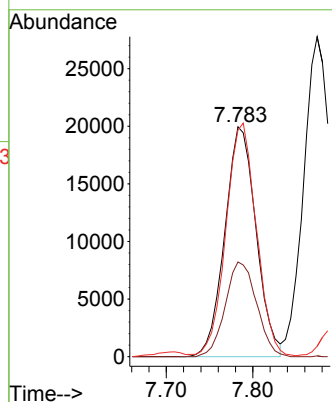
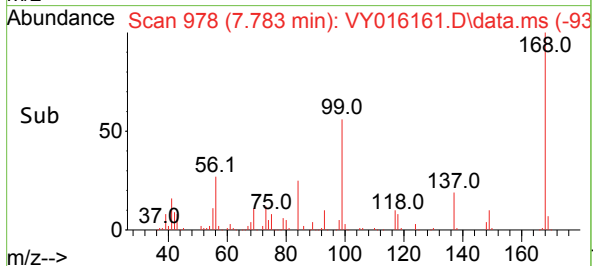


#31
Cyclohexane
Concen: 19.156 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

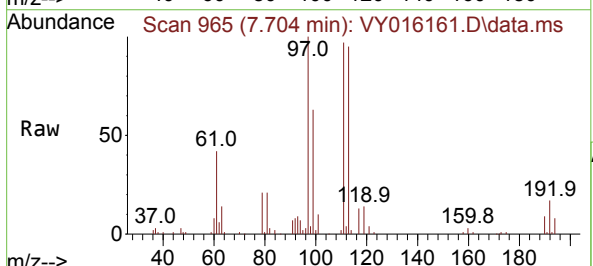
Instrument :
MSVOA_Y
ClientSampleId :



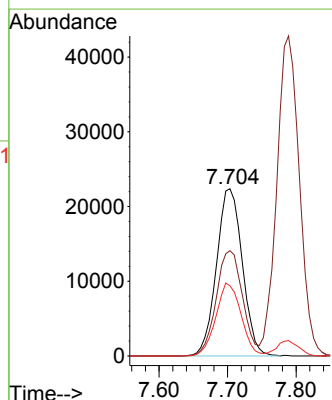
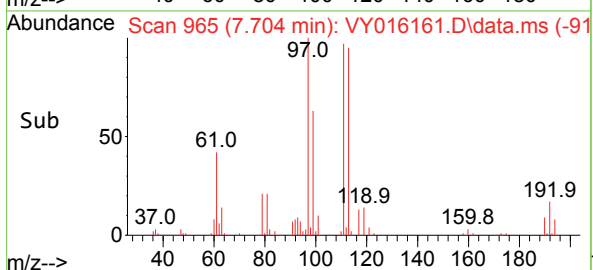
Tgt Ion: 56 Resp: 50115
Ion Ratio Lower Upper
56 100
69 41.2 27.8 41.6
84 96.8 66.4 99.6

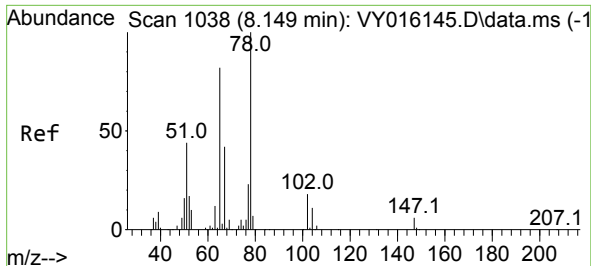


#32
1,1,1-Trichloroethane
Concen: 19.691 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19



Tgt Ion: 97 Resp: 58585
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.661 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

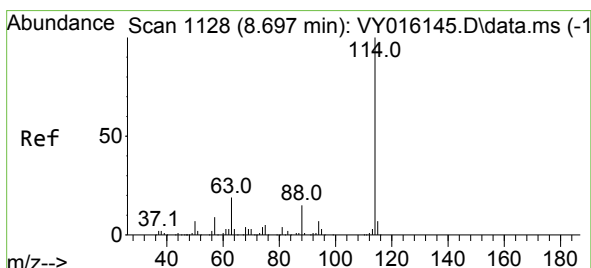
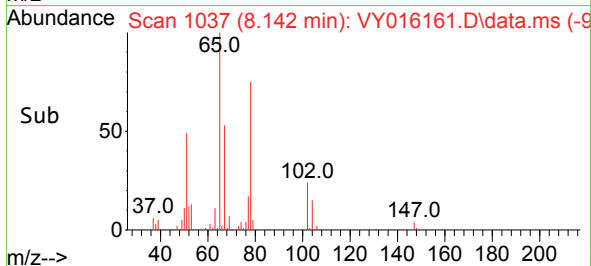
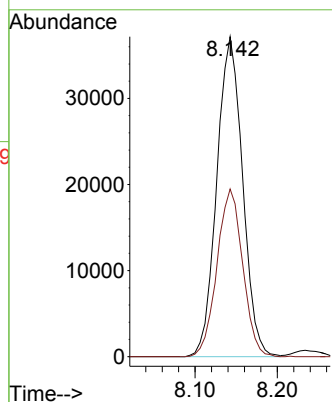
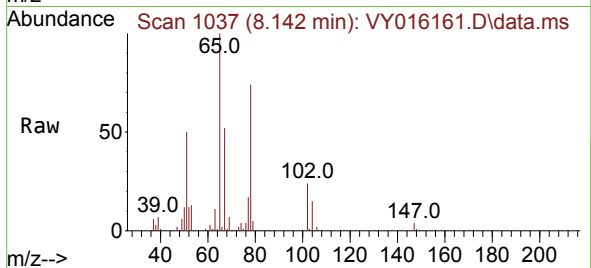
ClientSampleId :

Tgt Ion: 65 Resp: 81113

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

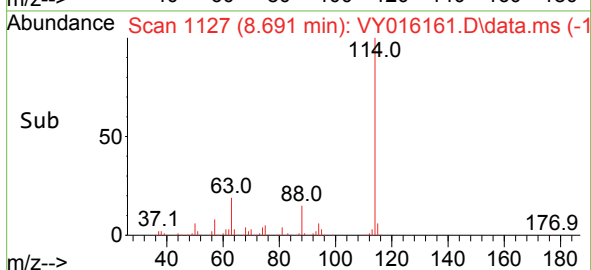
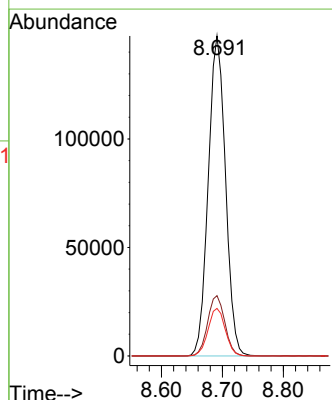
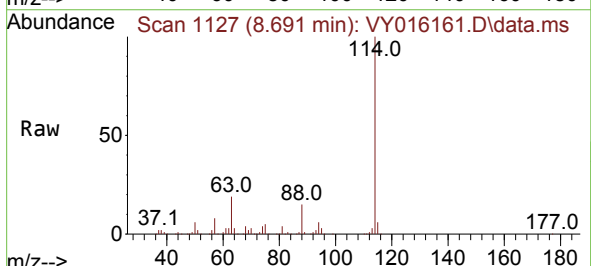
Tgt Ion: 114 Resp: 289316

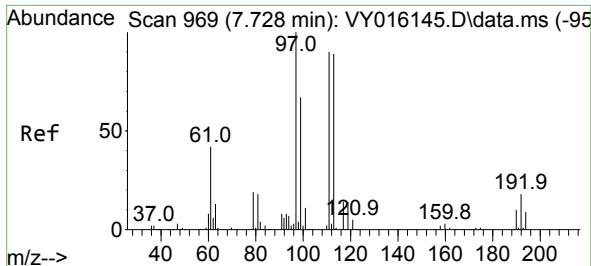
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

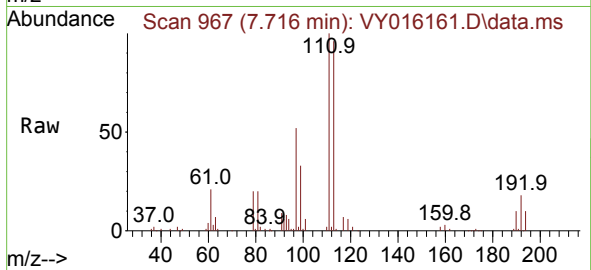
88 14.9 0.0 30.6



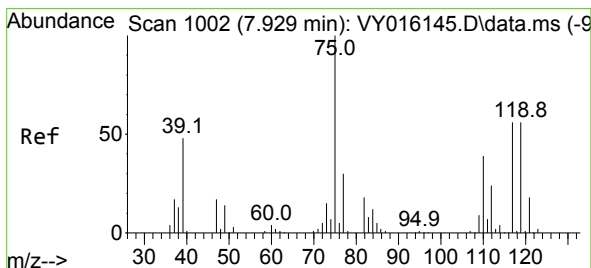
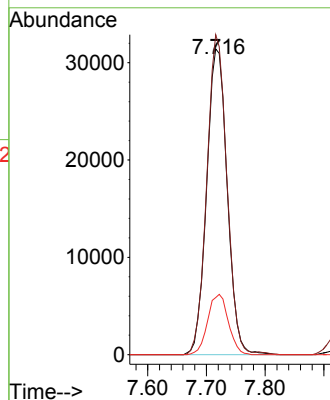
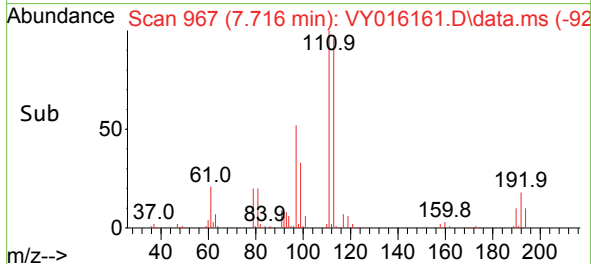


#35
Dibromofluoromethane
Concen: 44.341 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

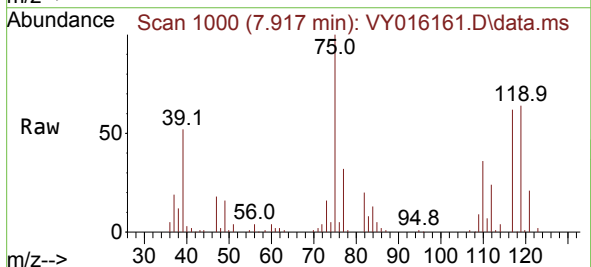
Instrument :
MSVOA_Y
ClientSampleId :



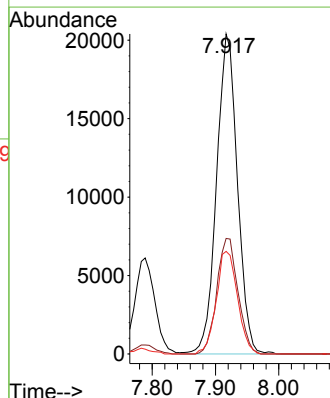
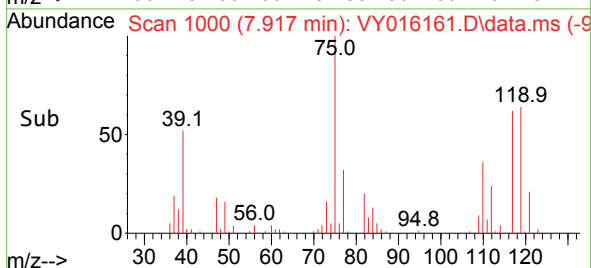
Tgt Ion:113 Resp: 76481
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.8 16.9 25.3

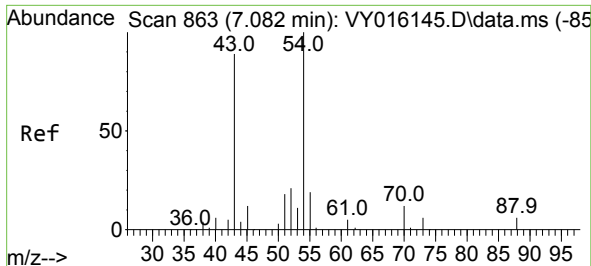


#36
1,1-Dichloropropene
Concen: 18.739 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19



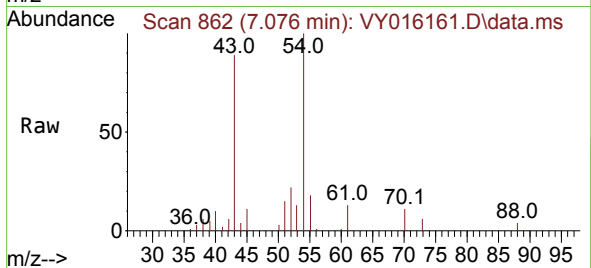
Tgt Ion: 75 Resp: 46671
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 32.6 24.4 36.6



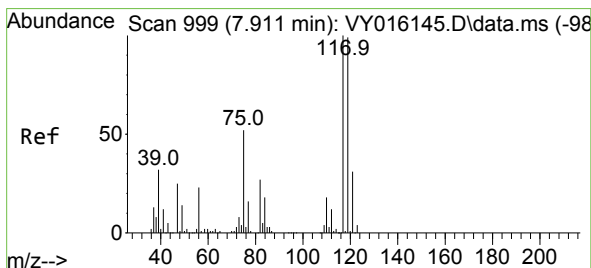
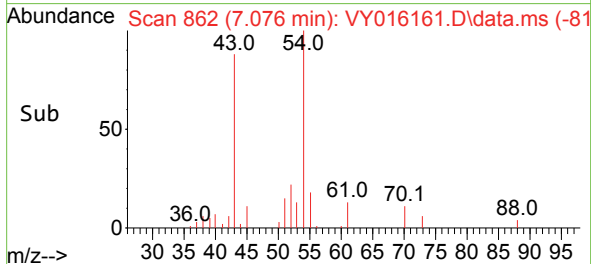
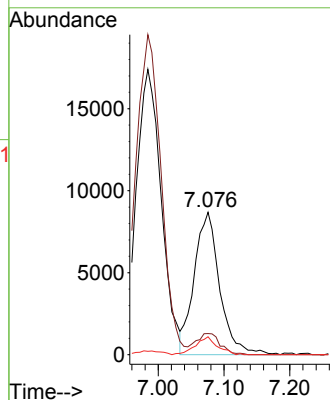


#37
Ethyl Acetate
Concen: 21.061 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

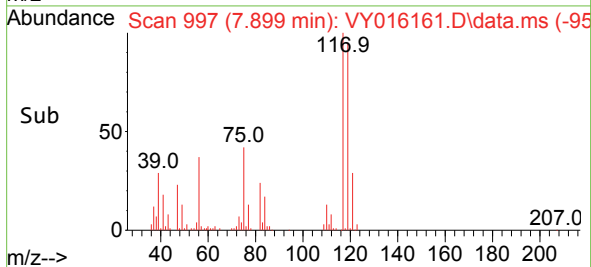
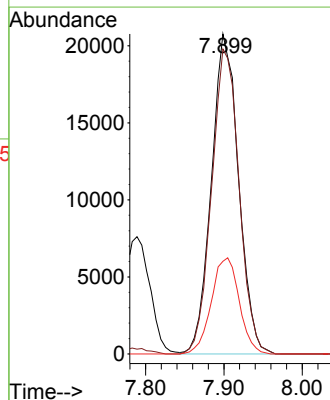
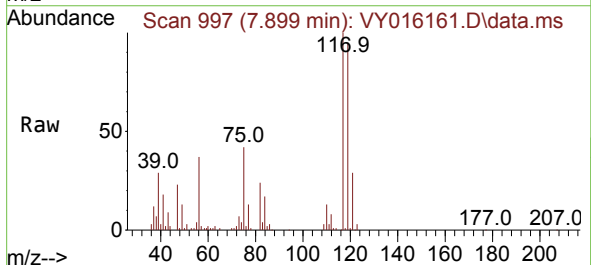


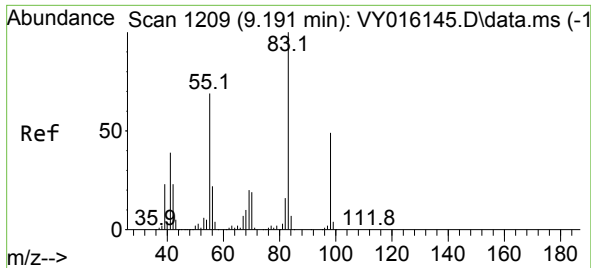
Tgt Ion: 43 Resp: 23363
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.295 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 117 Resp: 50079
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 29.0 25.8 38.6





#39

Methylcyclohexane

Concen: 18.905 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

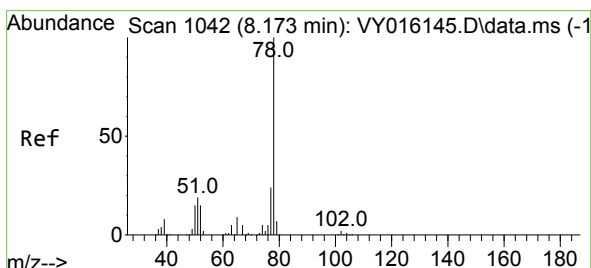
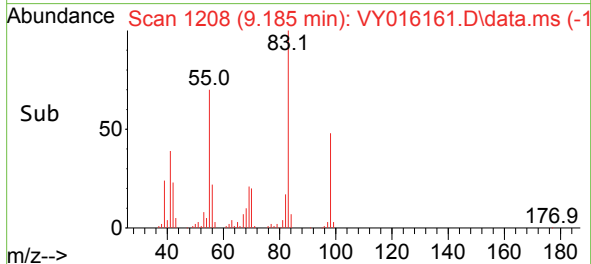
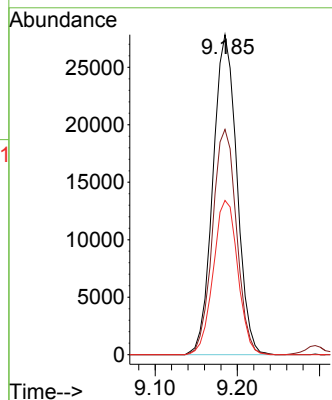
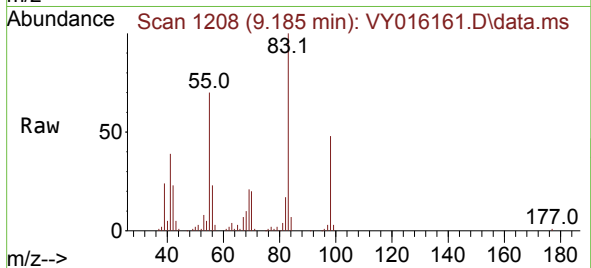
Tgt Ion: 83 Resp: 56205

Ion Ratio Lower Upper

83 100

55 70.4 63.0 94.4

98 48.2 37.4 56.2



#40

Benzene

Concen: 19.534 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016161.D

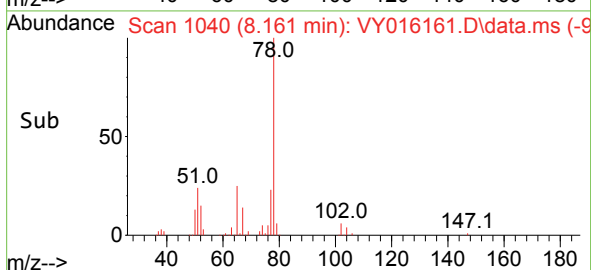
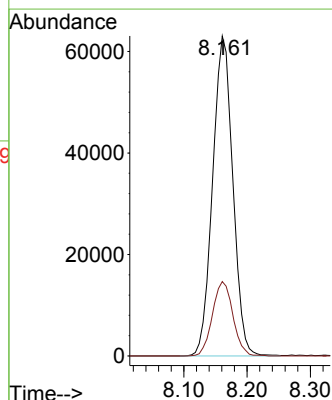
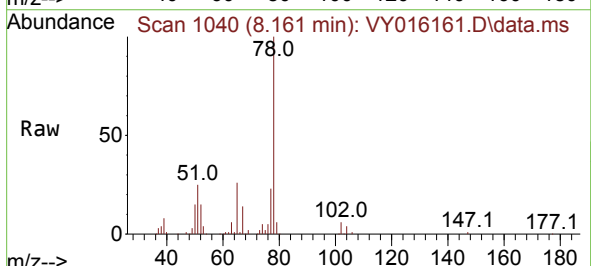
Acq: 01 Nov 2023 11:19

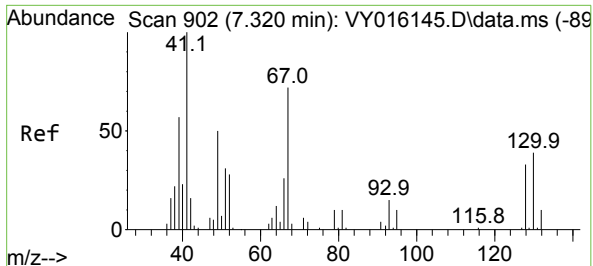
Tgt Ion: 78 Resp: 139672

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



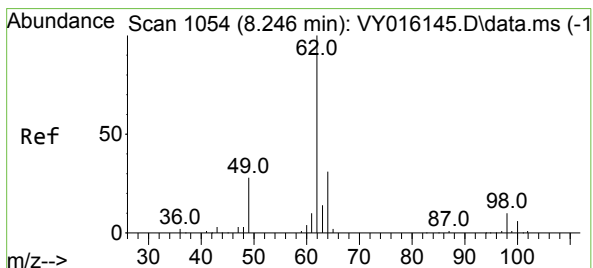
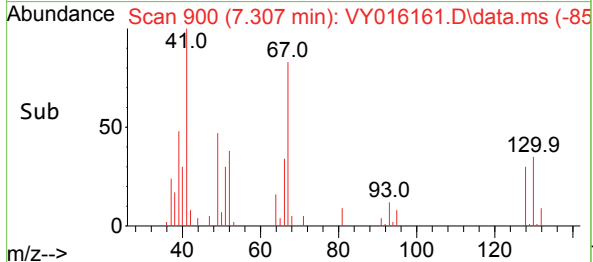
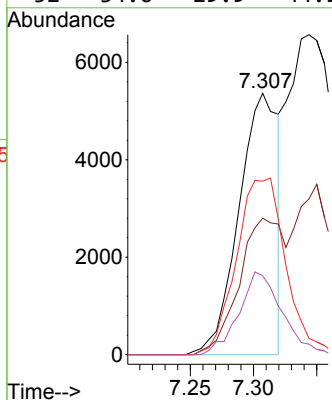
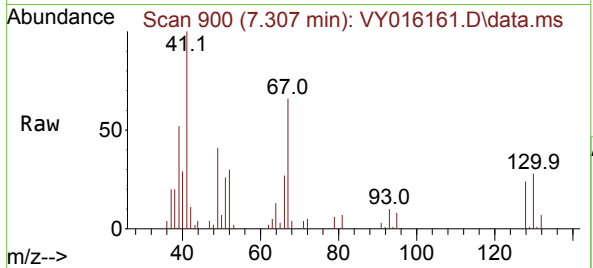


#41
Methacrylonitrile
Concen: 18.024 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 11606

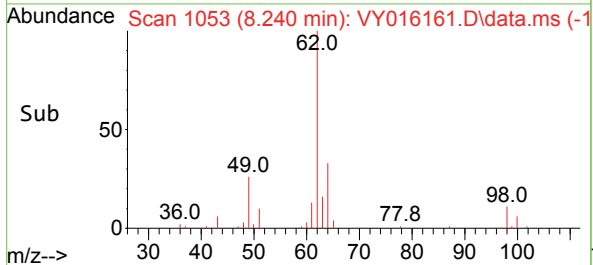
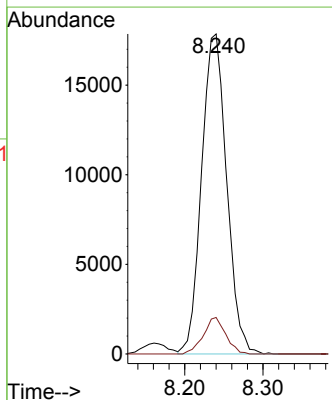
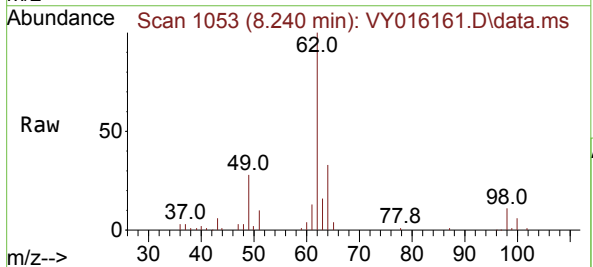
Ion	Ratio	Lower	Upper
41	100		
39	59.7	52.1	78.1
67	84.1	66.2	99.2
52	34.6	29.9	44.9

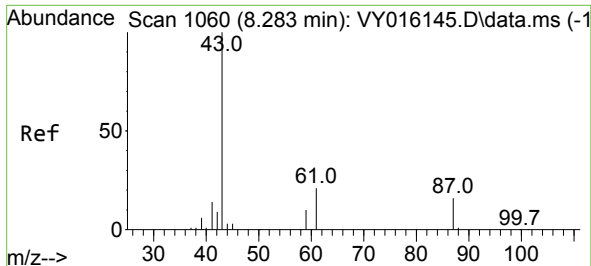


#42
1,2-Dichloroethane
Concen: 19.917 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 62 Resp: 39742

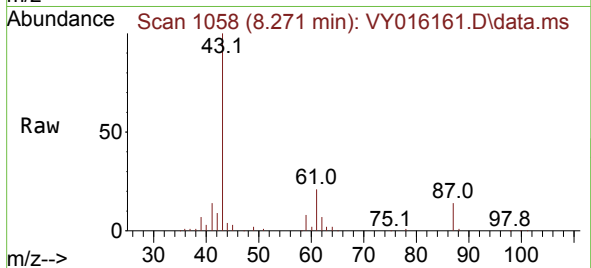
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8



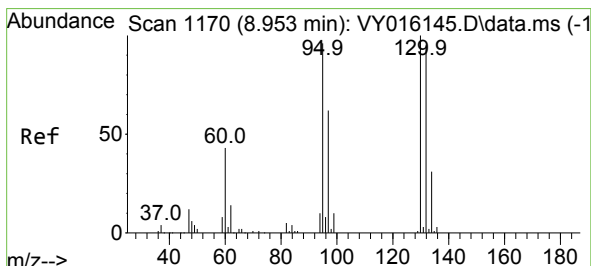
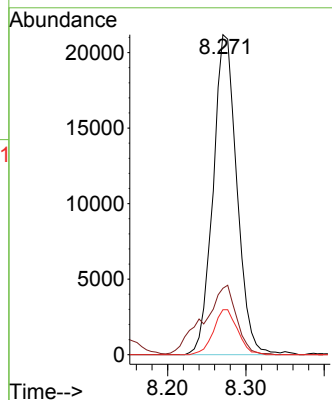
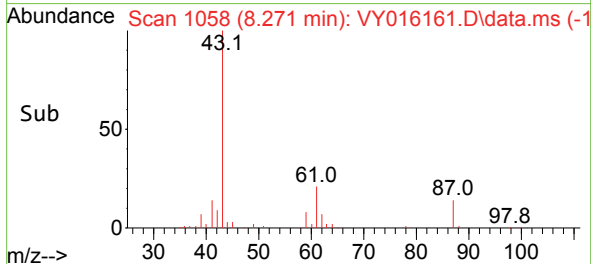


#43
Isopropyl Acetate
Concen: 20.384 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

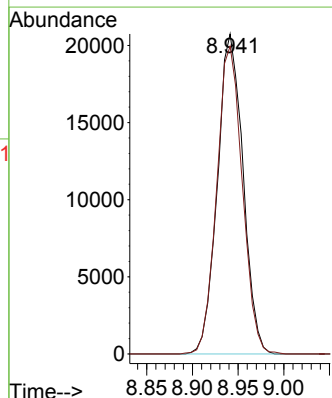
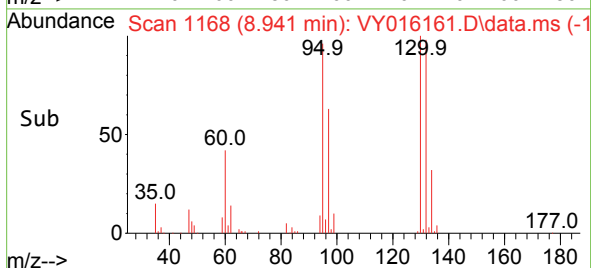
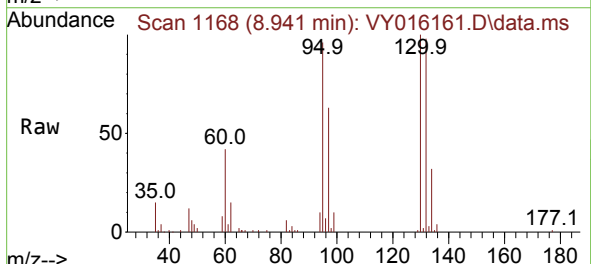


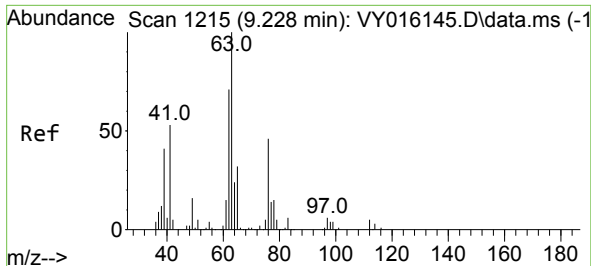
Tgt Ion: 43 Resp: 44729
Ion Ratio Lower Upper
43 100
61 30.2 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 19.283 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion:130 Resp: 40349
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.355 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

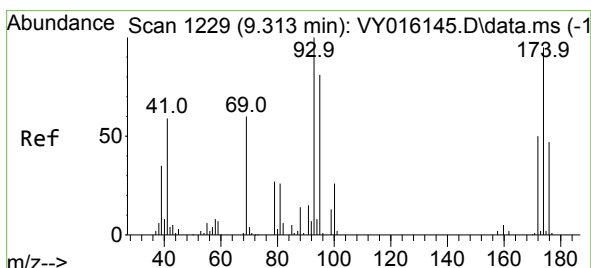
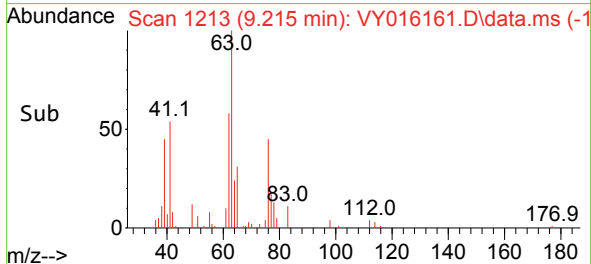
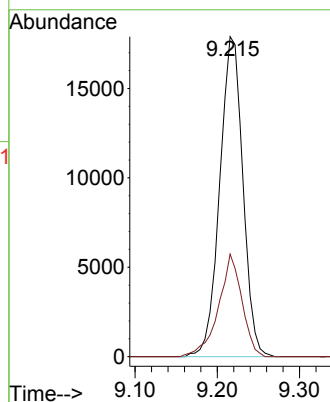
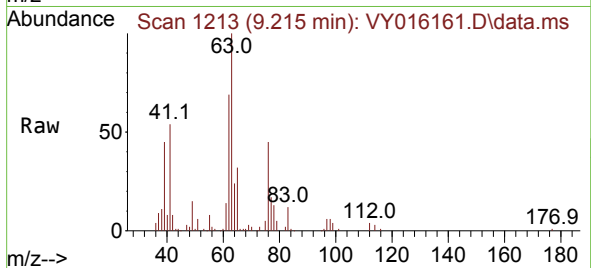
ClientSampleId :

Tgt Ion: 63 Resp: 35013

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.6



#46

Dibromomethane

Concen: 20.168 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

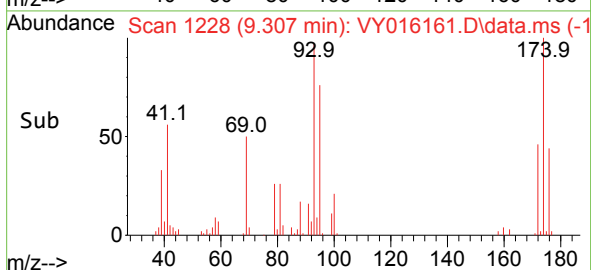
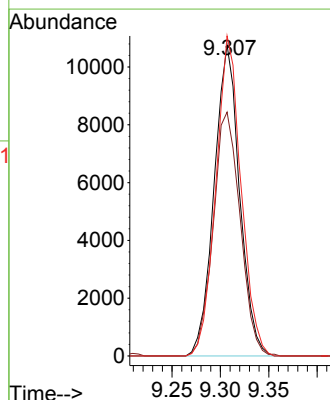
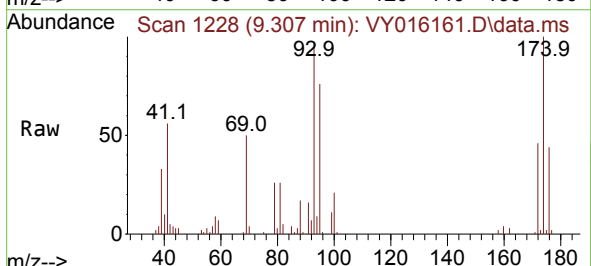
Tgt Ion: 93 Resp: 19679

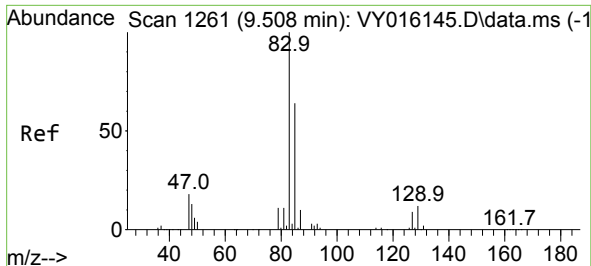
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 101.8 84.8 127.2

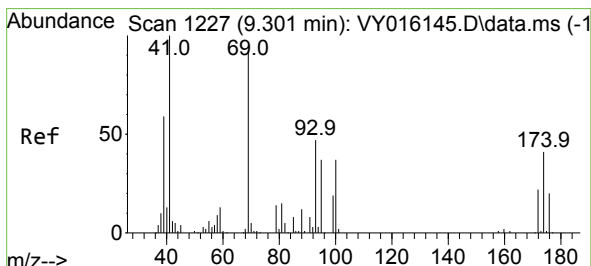
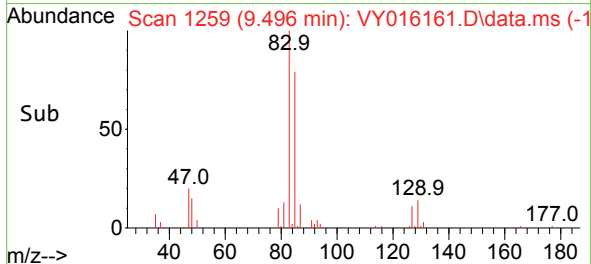
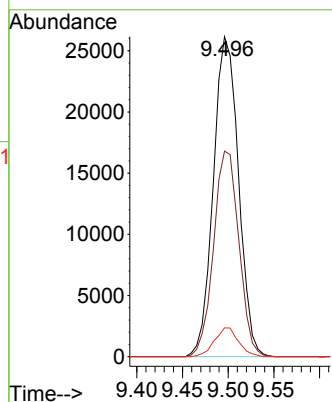
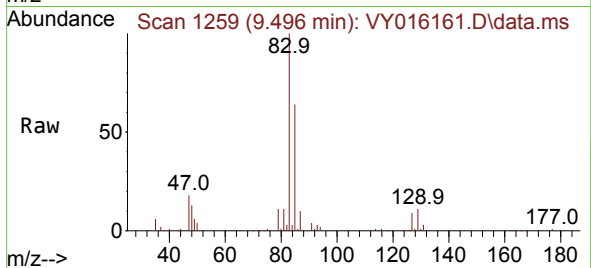




#47
Bromodichloromethane
Concen: 20.173 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

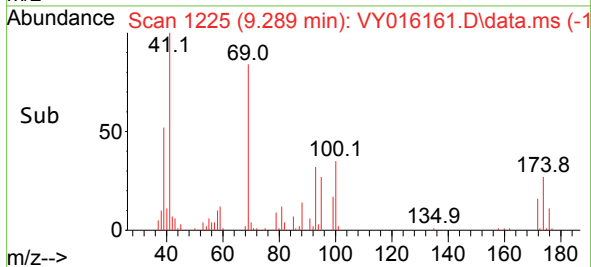
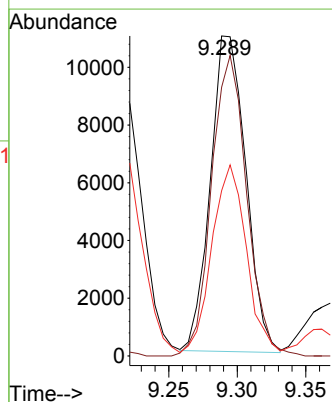
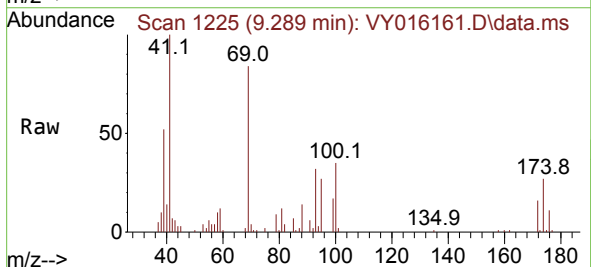
Instrument :
MSVOA_Y
ClientSampleId :

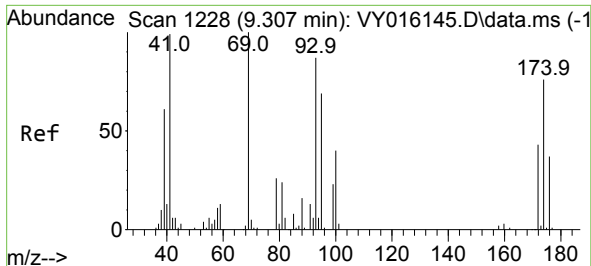
Tgt Ion: 83 Resp: 50013
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 19.731 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 41 Resp: 19688
Ion Ratio Lower Upper
41 100
69 94.6 64.5 96.7
39 57.8 50.8 76.2





#49

1,4-Dioxane

Concen: 390.079 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

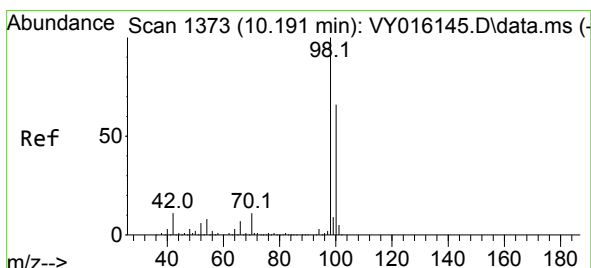
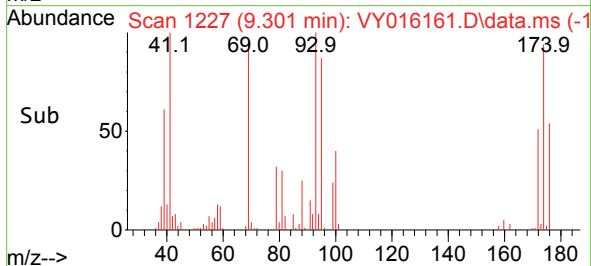
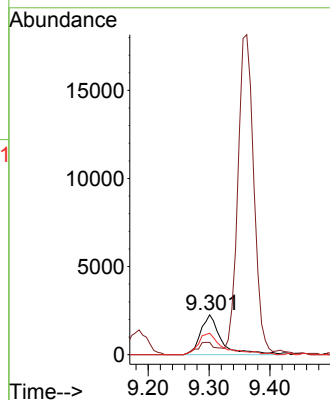
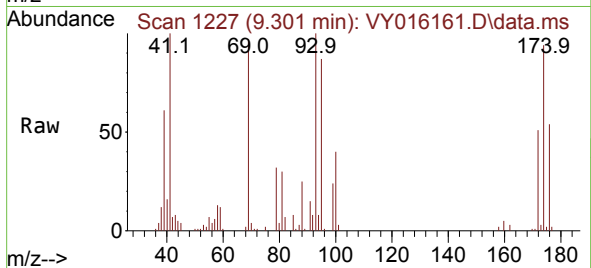
Tgt Ion: 88 Resp: 5350

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

58 63.6 30.9 46.3#



#50

Toluene-d8

Concen: 47.104 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.012 min

Lab File: VY016161.D

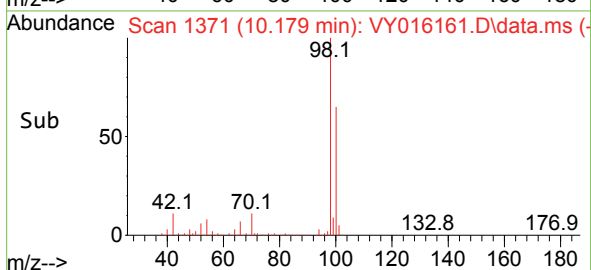
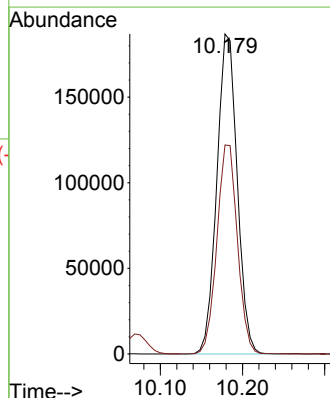
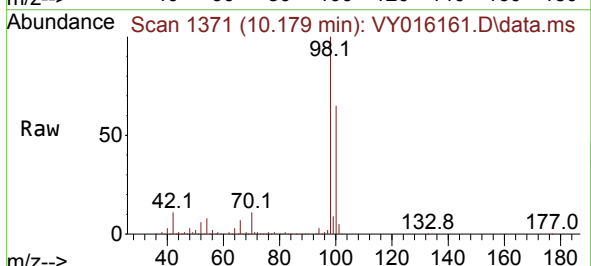
Acq: 01 Nov 2023 11:19

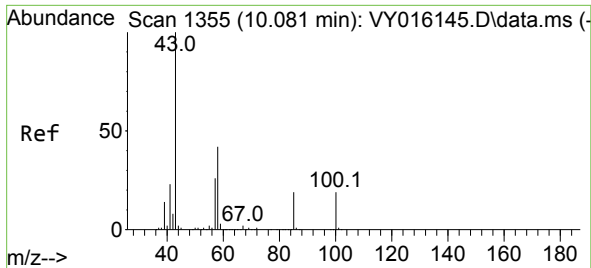
Tgt Ion: 98 Resp: 322125

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

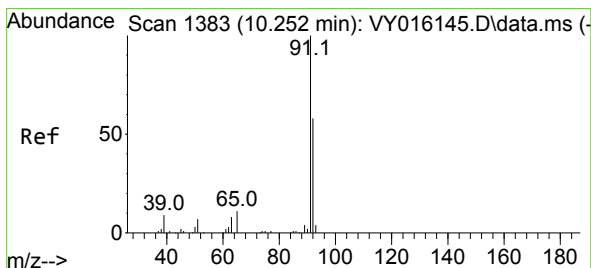
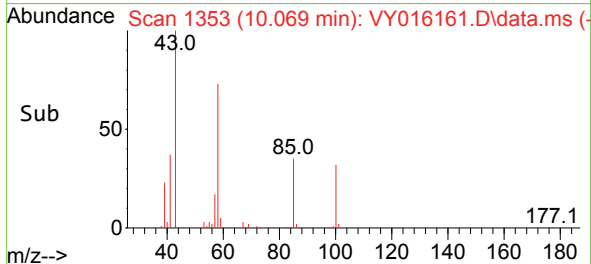
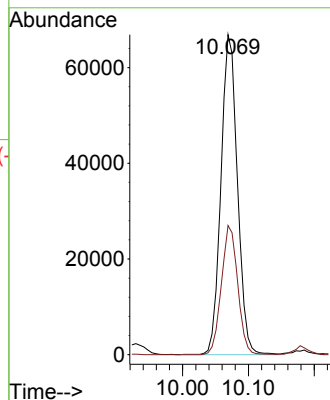
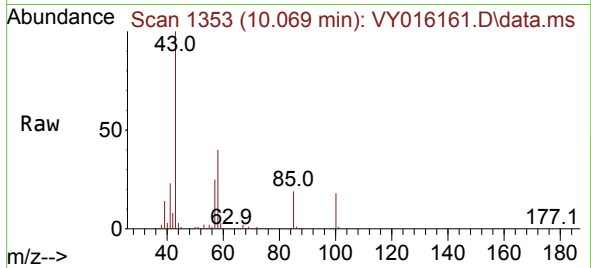




#51
4-Methyl-2-Pentanone
Concen: 106.554 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

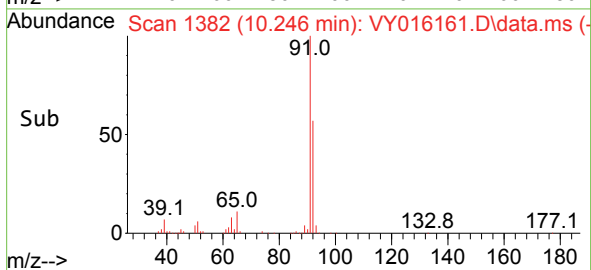
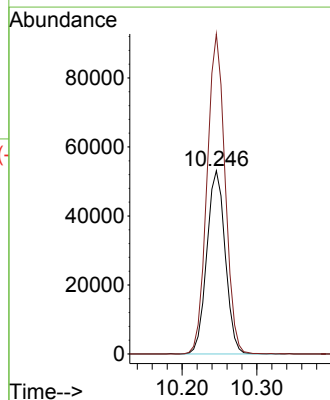
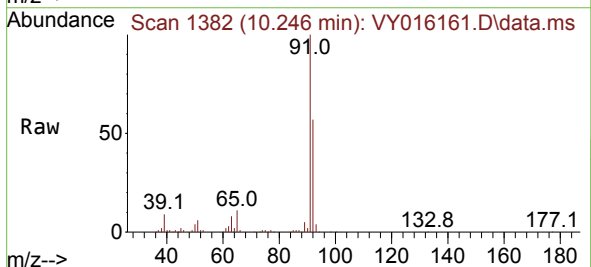
Instrument :
MSVOA_Y
ClientSampleId :

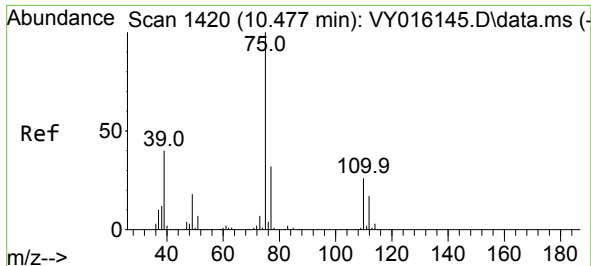
Tgt Ion: 43 Resp: 116664
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 19.589 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 92 Resp: 90764
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

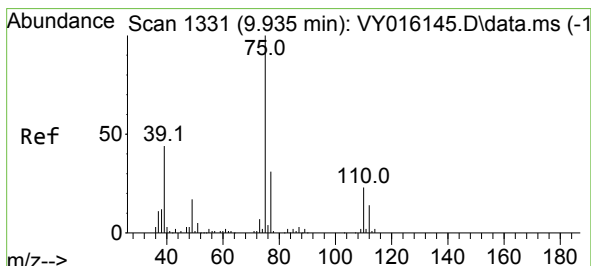
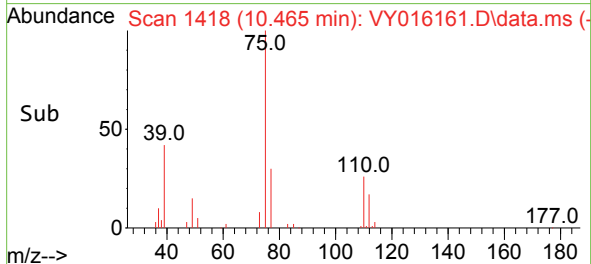
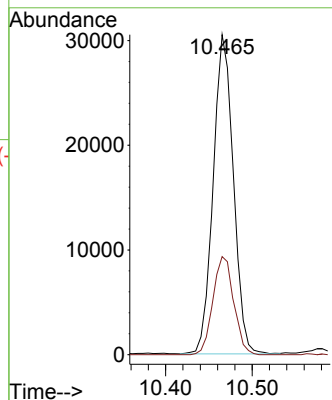
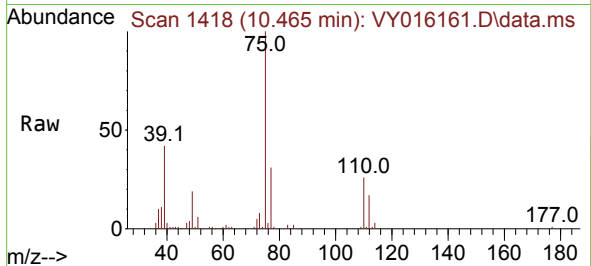




#53
 t-1,3-Dichloropropene
 Concen: 19.926 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.012 min
 Lab File: VY016161.D
 Acq: 01 Nov 2023 11:19

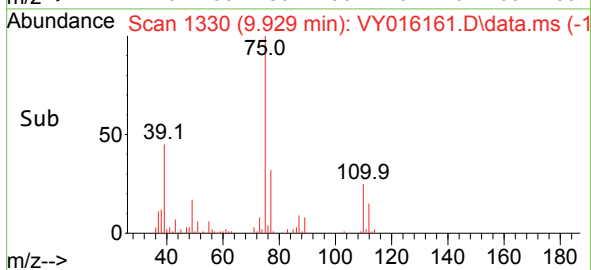
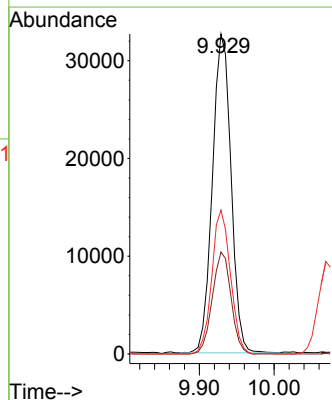
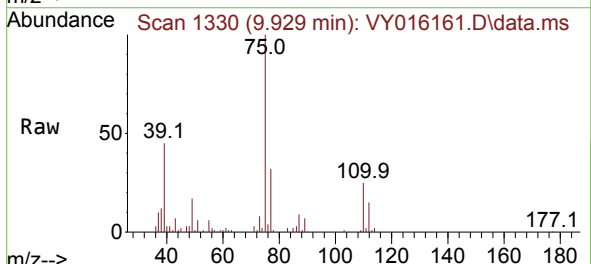
Instrument :
 MSVOA_Y
 ClientSampleId :

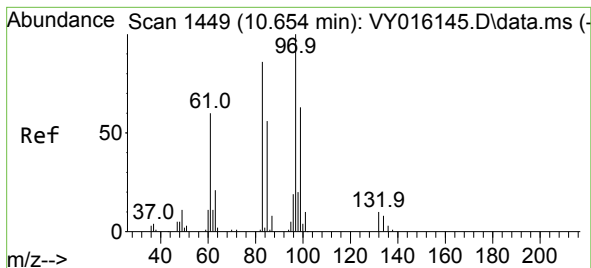
Tgt Ion: 75 Resp: 49314
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.498 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY016161.D
 Acq: 01 Nov 2023 11:19

Tgt Ion: 75 Resp: 56625
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 45.1 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.551 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 28208

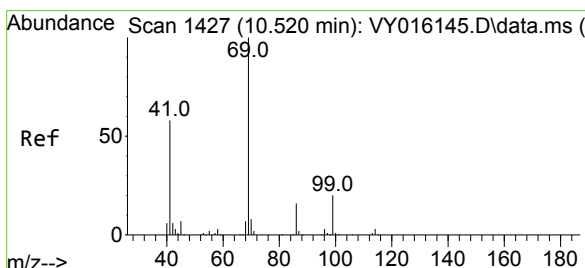
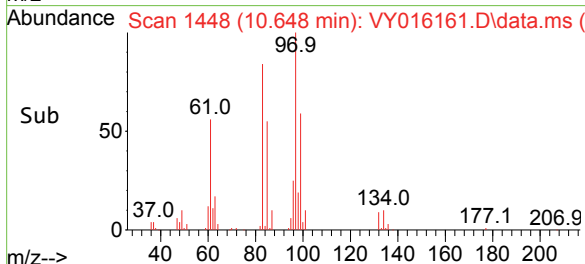
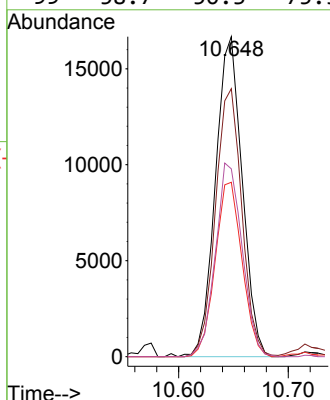
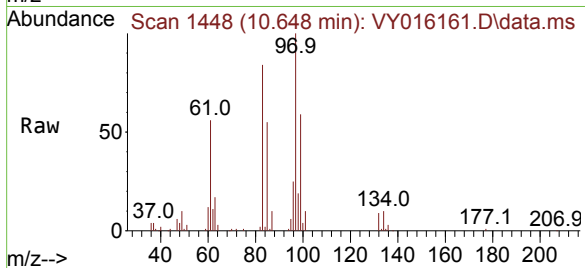
Ion Ratio Lower Upper

97 100

83 83.8 72.0 108.0

85 54.5 45.4 68.0

99 58.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.173 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

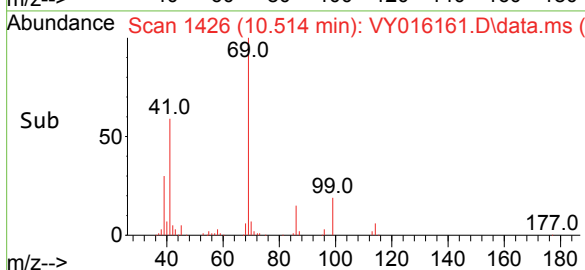
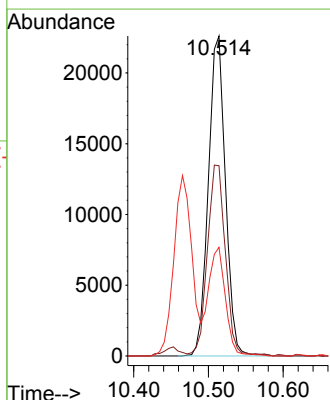
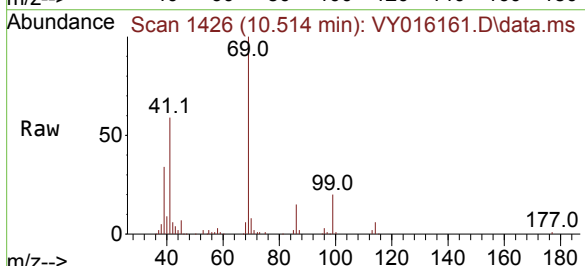
Tgt Ion: 69 Resp: 35959

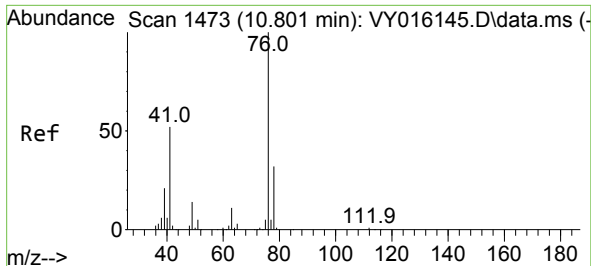
Ion Ratio Lower Upper

69 100

41 63.0 57.6 86.4

39 33.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 19.911 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

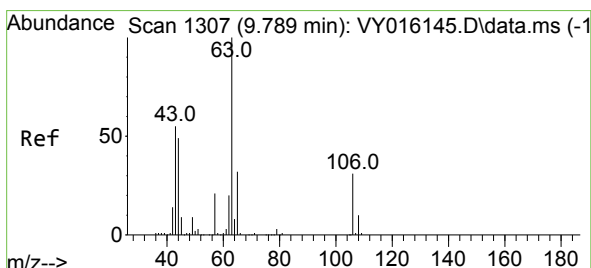
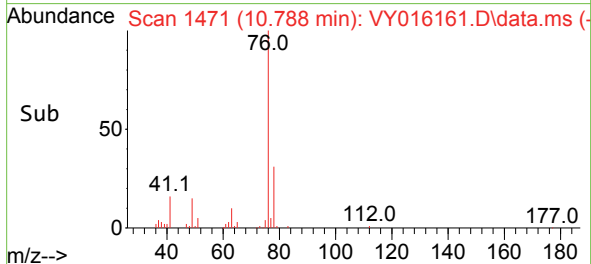
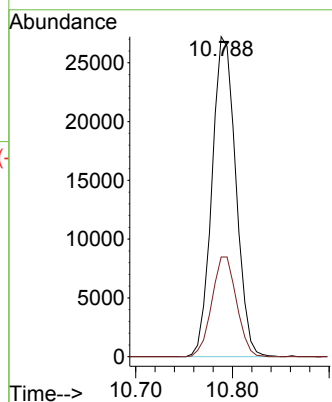
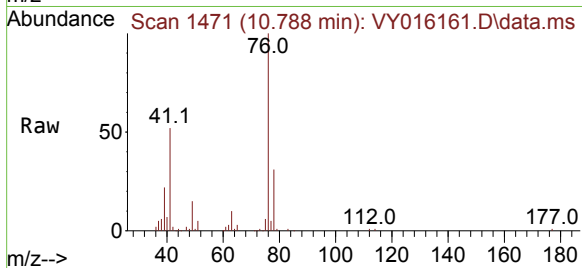
ClientSampleId :

Tgt Ion: 76 Resp: 46524

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 102.958 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY016161.D

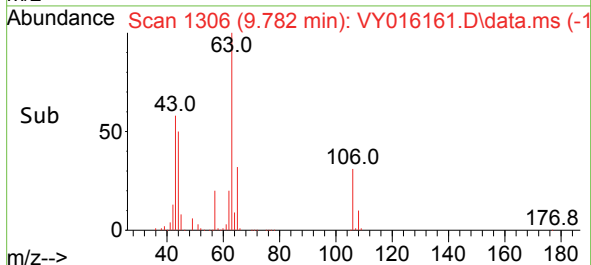
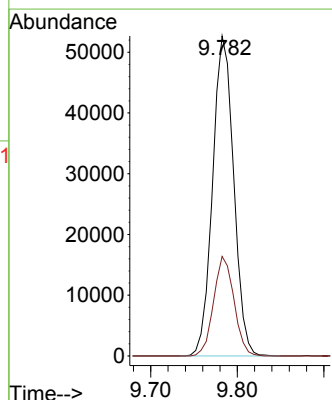
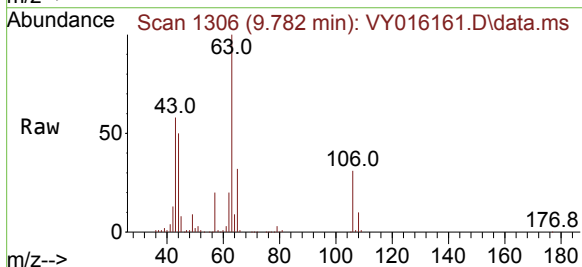
Acq: 01 Nov 2023 11:19

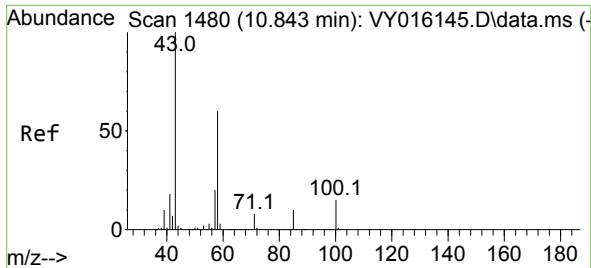
Tgt Ion: 63 Resp: 88993

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

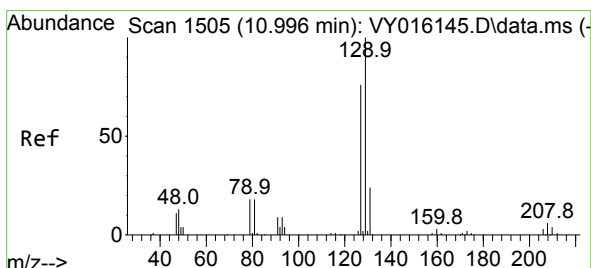
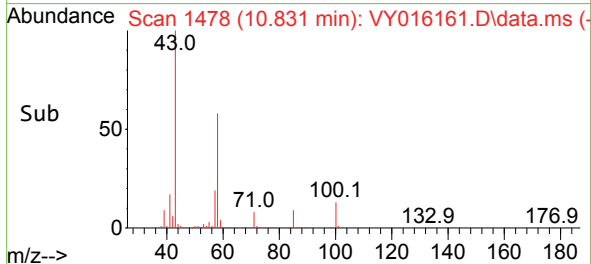
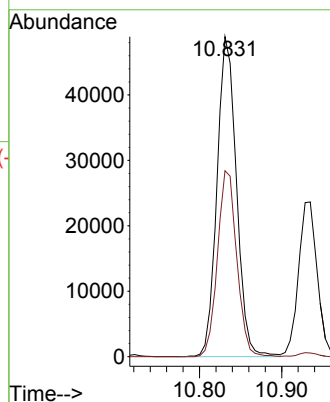
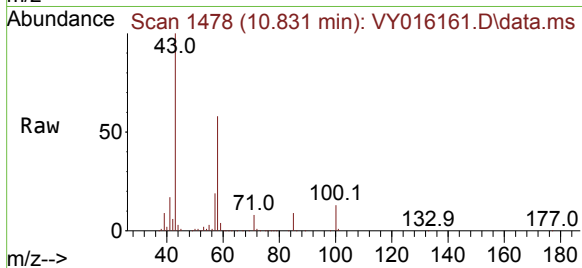




#59
2-Hexanone
Concen: 106.987 ug/l
RT: 10.831 min Scan# 1480
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

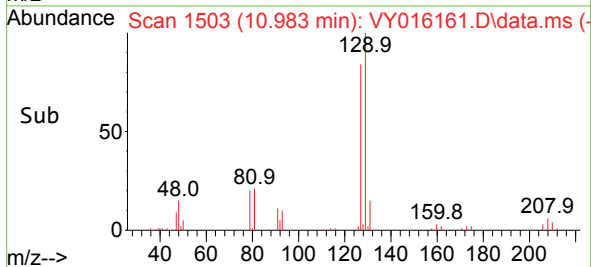
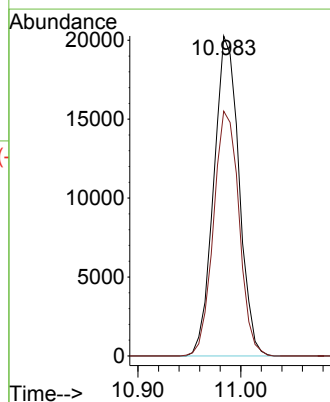
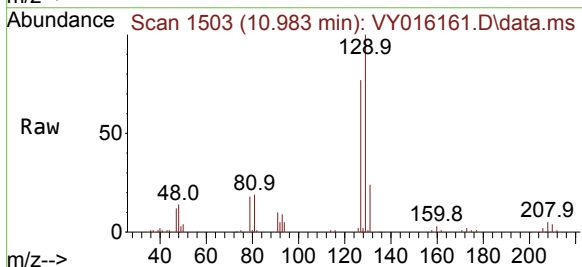
Instrument :
MSVOA_Y
ClientSampleId :

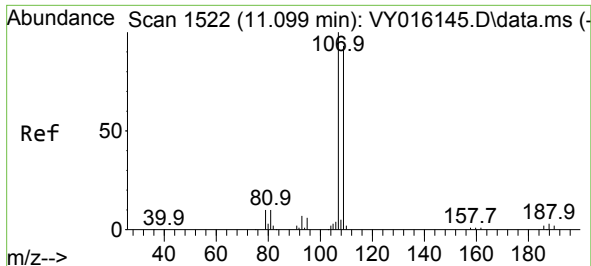
Tgt Ion: 43 Resp: 80270
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 20.005 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 129 Resp: 34447
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

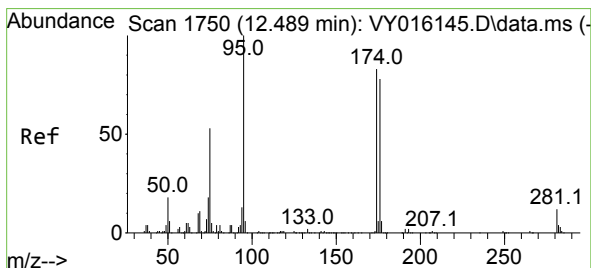
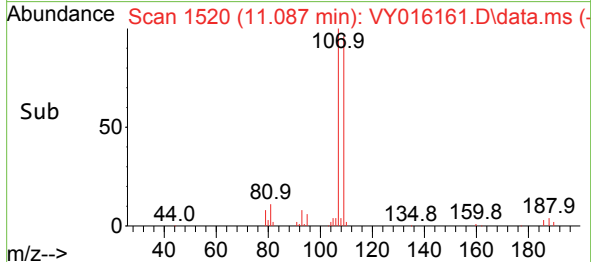
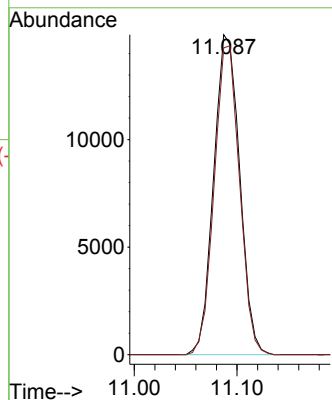
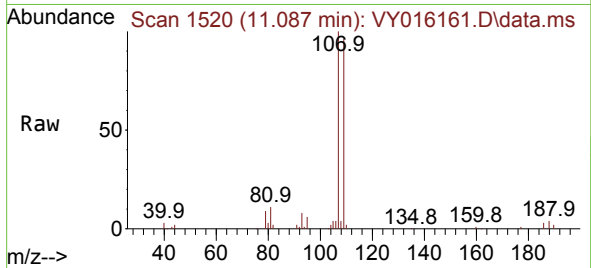




#61
1,2-Dibromoethane
Concen: 20.007 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

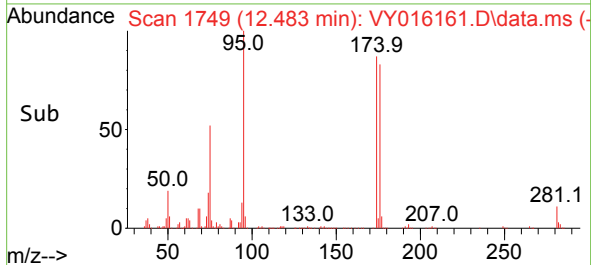
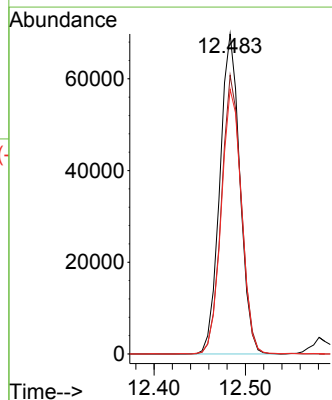
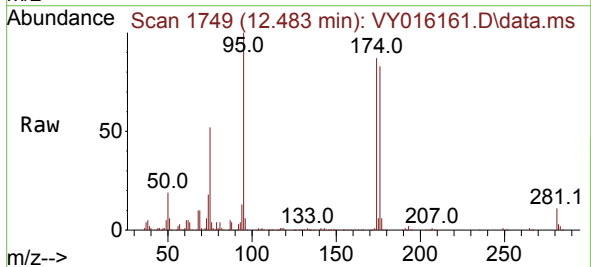
Instrument :
MSVOA_Y
ClientSampleId :

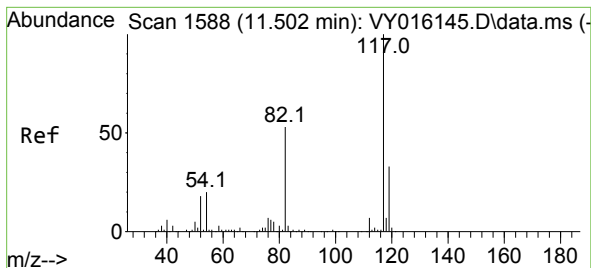
Tgt Ion:107 Resp: 26120
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.469 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 95 Resp: 106325
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

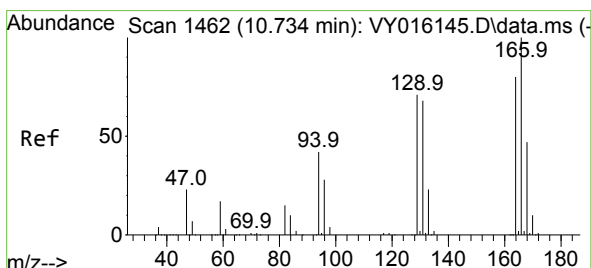
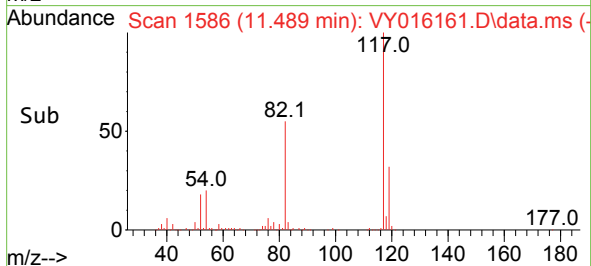
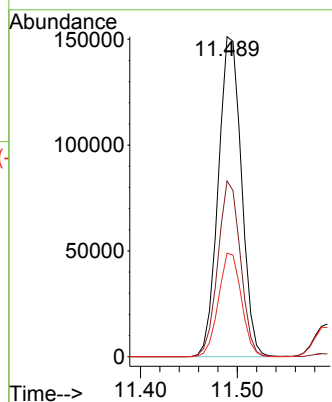
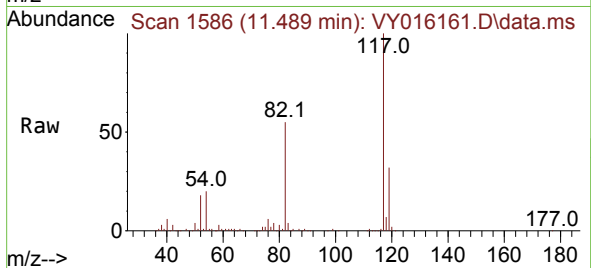
Tgt Ion:117 Resp: 251114

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 18.444 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Tgt Ion:164 Resp: 41198

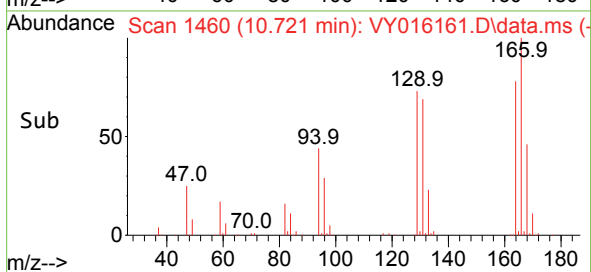
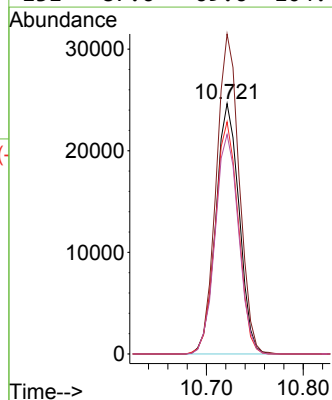
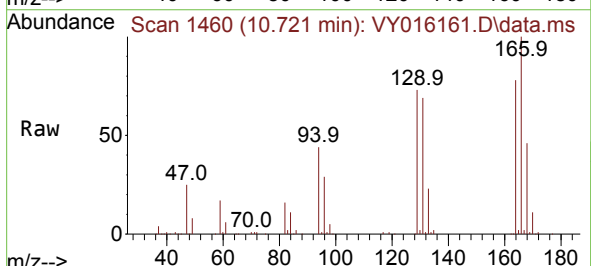
Ion Ratio Lower Upper

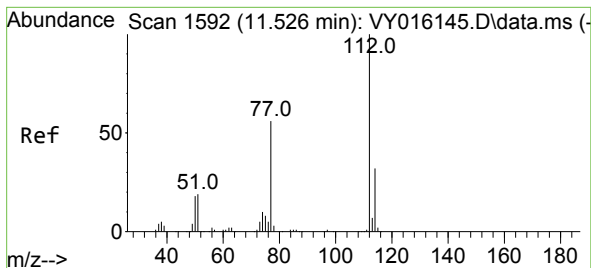
164 100

166 127.8 103.0 154.6

129 92.7 77.2 115.8

131 87.6 69.6 104.4





#65

Chlorobenzene

Concen: 19.774 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

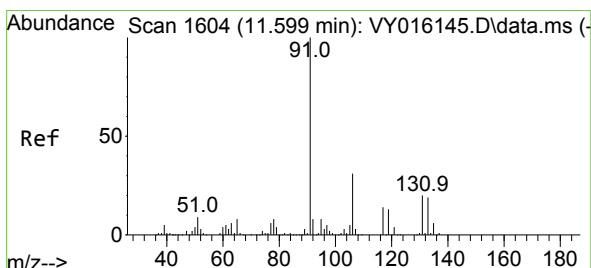
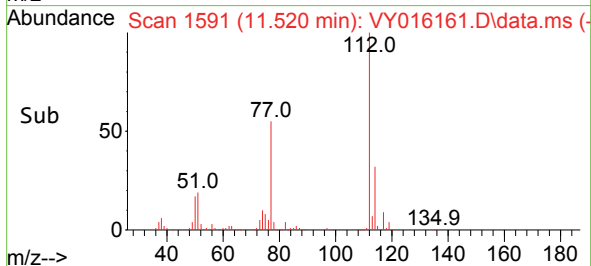
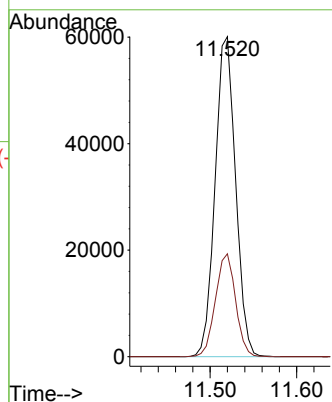
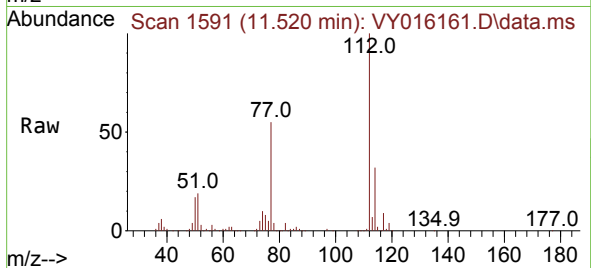
ClientSampleId :

Tgt Ion:112 Resp: 98654

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.880 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

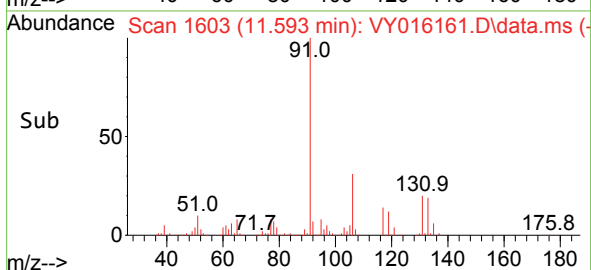
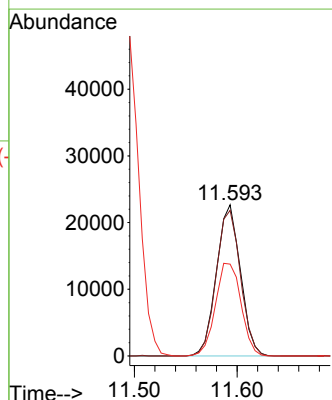
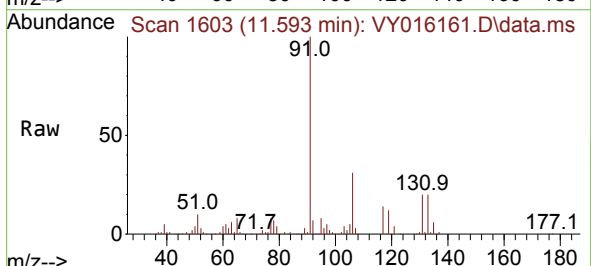
Tgt Ion:131 Resp: 36736

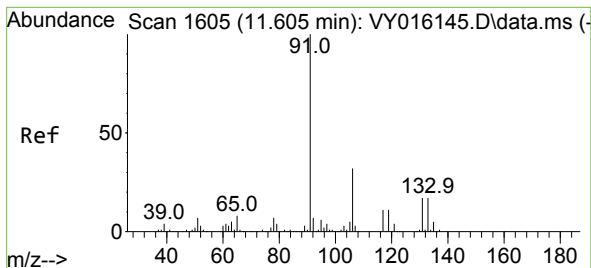
Ion Ratio Lower Upper

131 100

133 97.7 47.5 142.6

119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 19.421 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

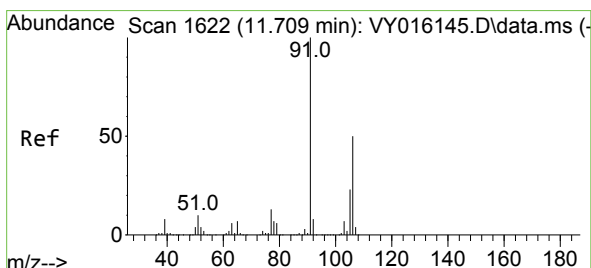
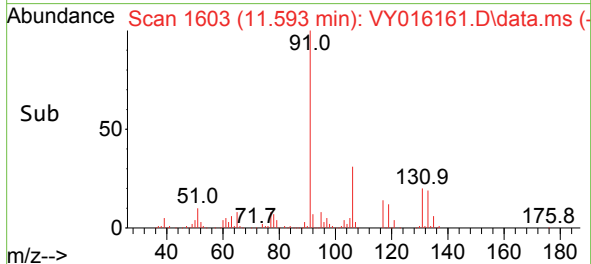
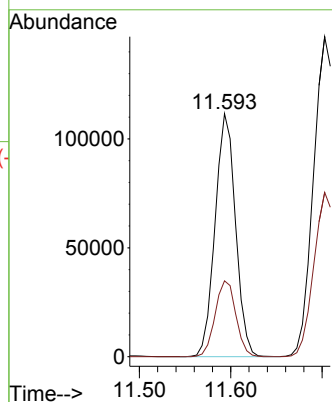
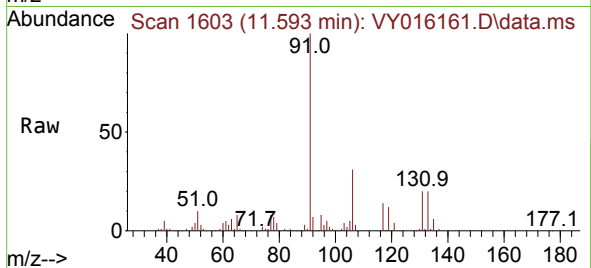
ClientSampleId :

Tgt Ion: 91 Resp: 173302

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 39.263 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY016161.D

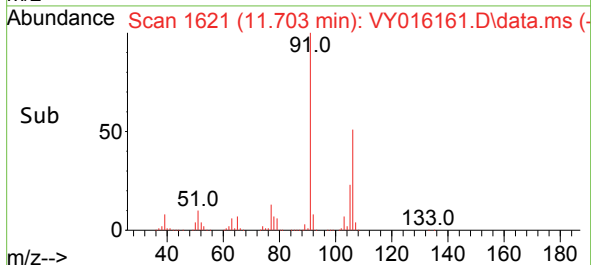
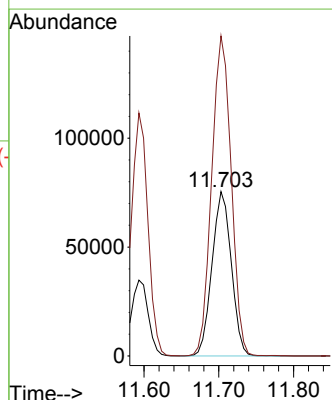
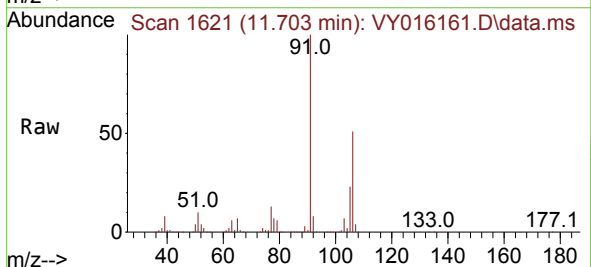
Acq: 01 Nov 2023 11:19

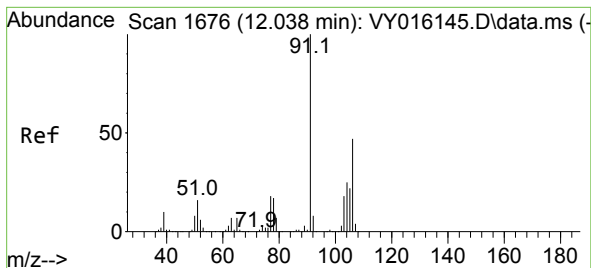
Tgt Ion:106 Resp: 135385

Ion Ratio Lower Upper

106 100

91 196.7 166.1 249.1





#69

o-Xylene

Concen: 19.578 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

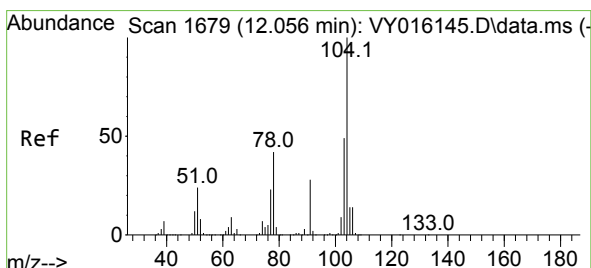
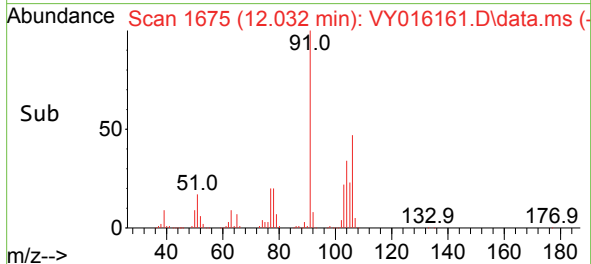
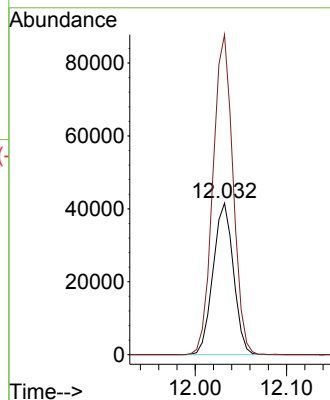
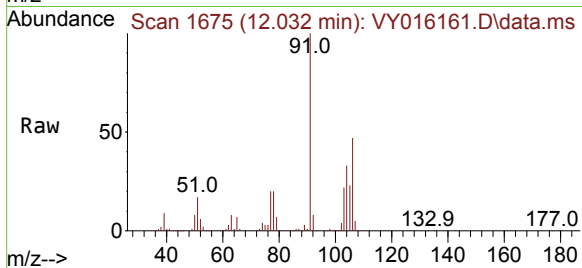
ClientSampleId :

Tgt Ion:106 Resp: 64457

Ion Ratio Lower Upper

106 100

91 208.2 108.1 324.3



#70

Styrene

Concen: 19.270 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

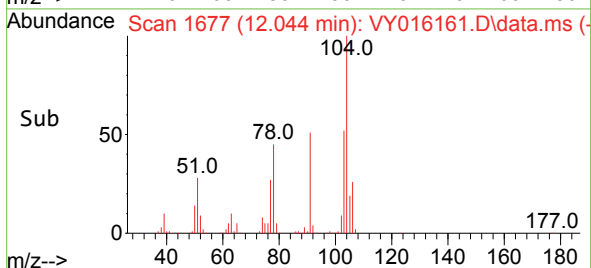
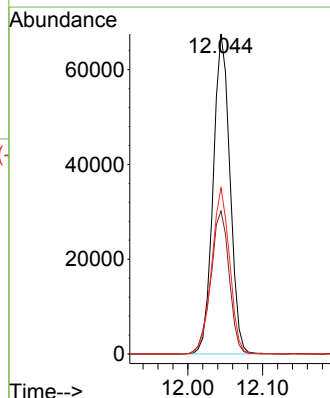
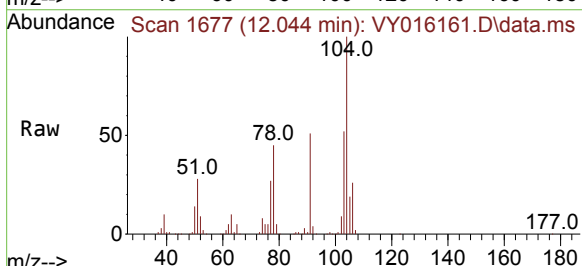
Tgt Ion:104 Resp: 105469

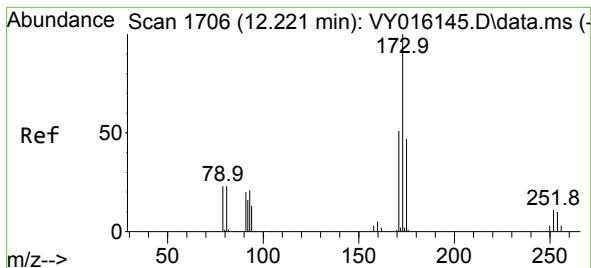
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 55.3 44.6 67.0





#71

Bromoform

Concen: 20.195 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

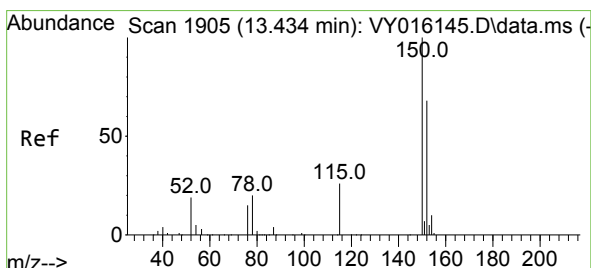
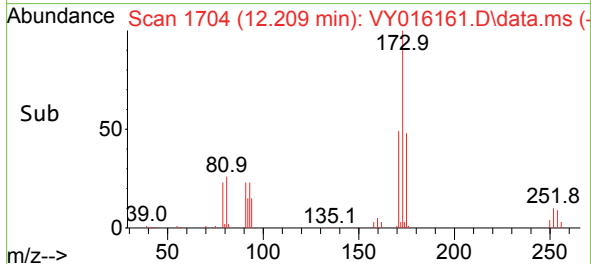
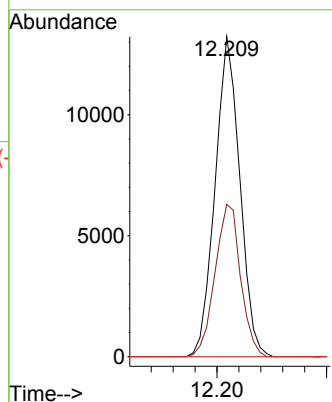
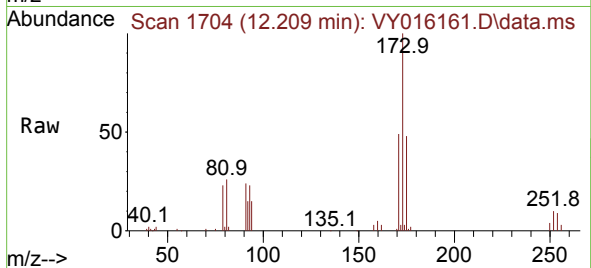
Tgt Ion:173 Resp: 20703

Ion Ratio Lower Upper

173 100

175 49.2 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. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

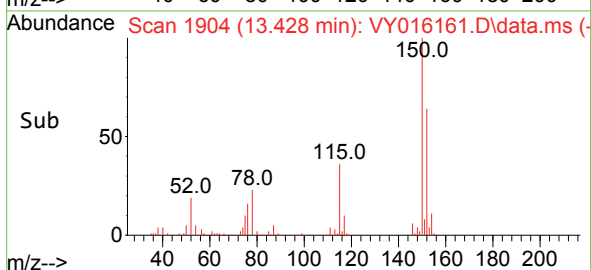
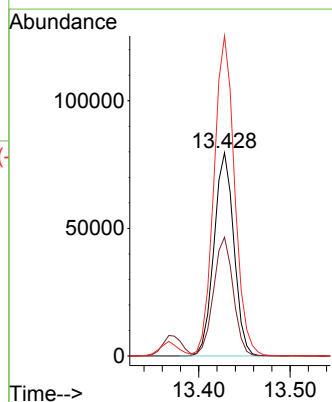
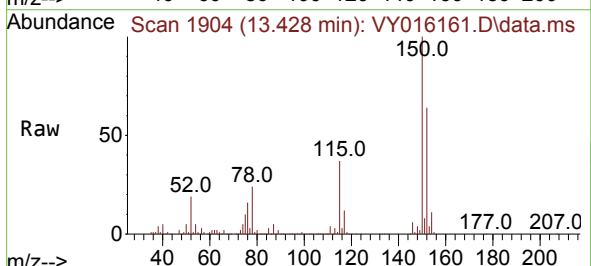
Tgt Ion:152 Resp: 120484

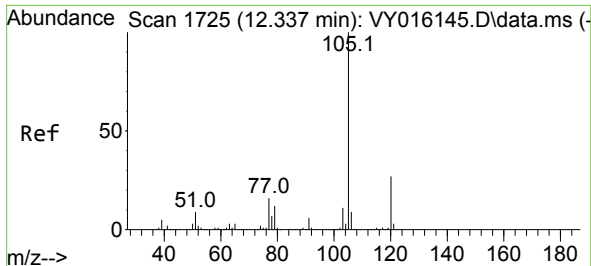
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 164.1 0.0 348.8

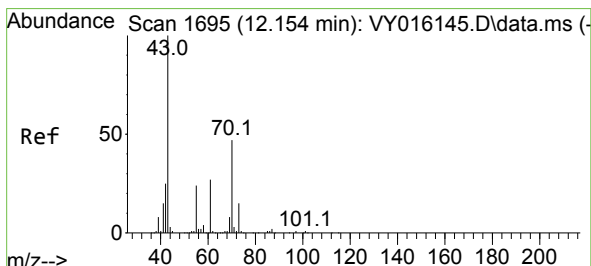
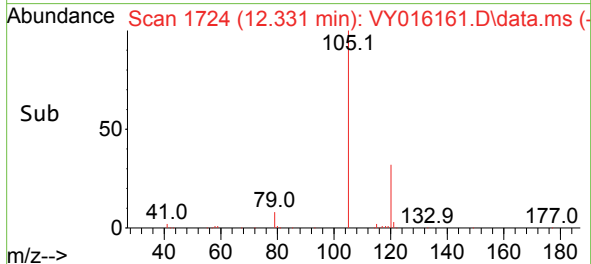
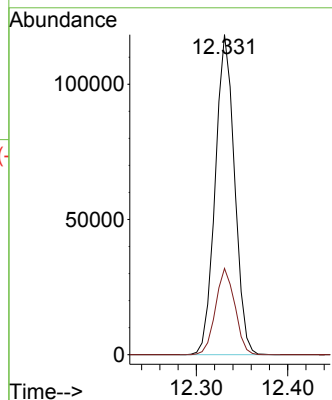
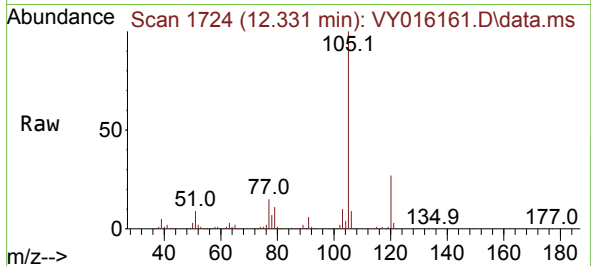




#73
Isopropylbenzene
Concen: 19.193 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

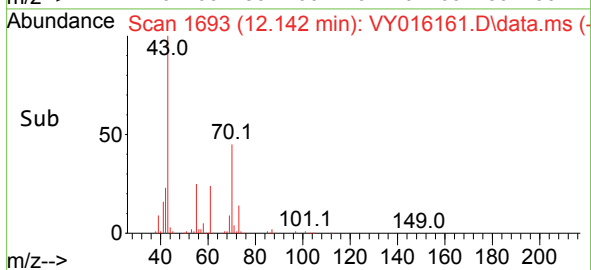
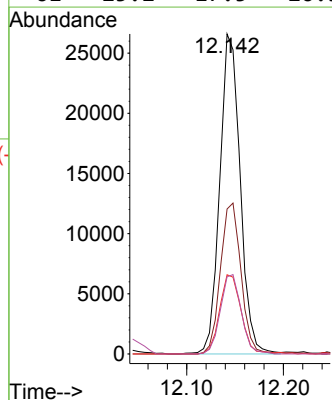
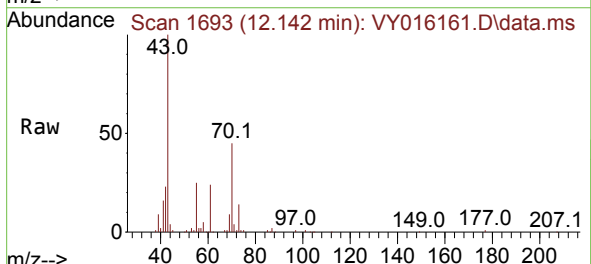
Instrument :
MSVOA_Y
ClientSampleId :

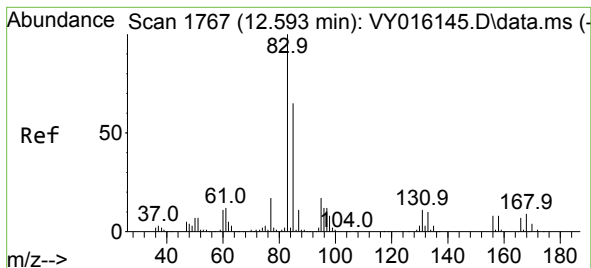
Tgt Ion:105 Resp: 173466
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 19.812 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 43 Resp: 38910
Ion Ratio Lower Upper
43 100
70 47.4 29.7 44.5#
55 26.3 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.665 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

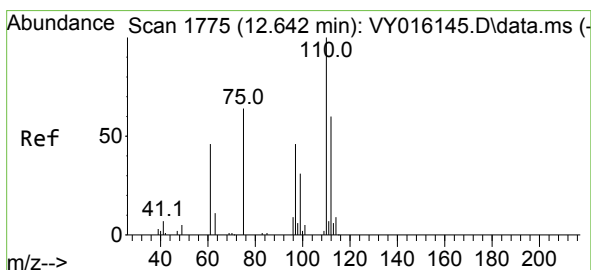
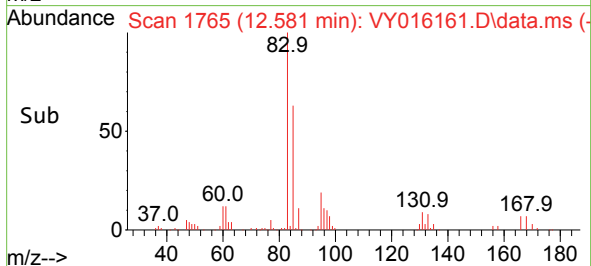
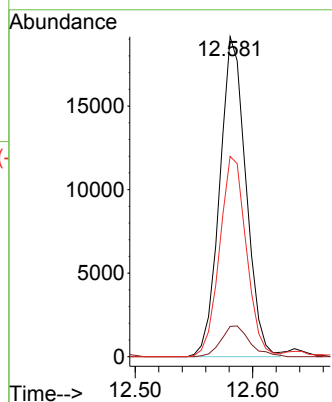
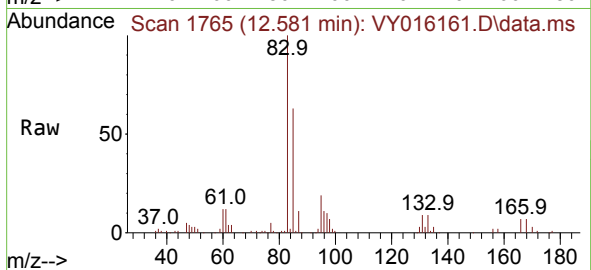
Tgt Ion: 83 Resp: 29719

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.143 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016161.D

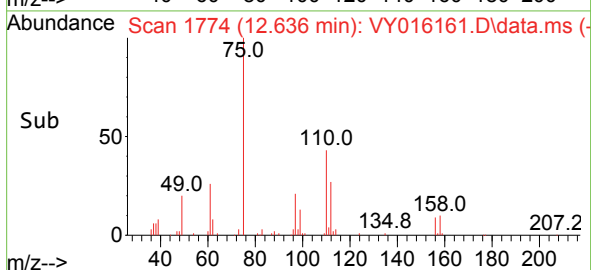
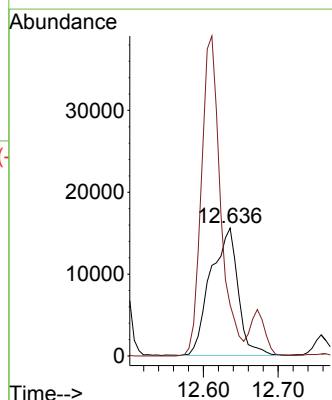
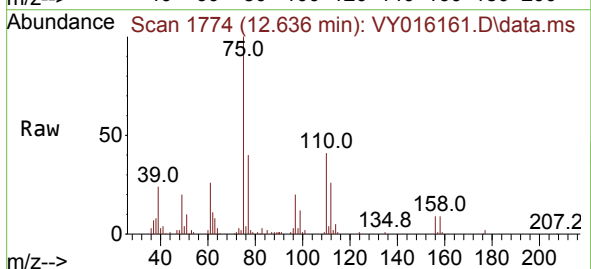
Acq: 01 Nov 2023 11:19

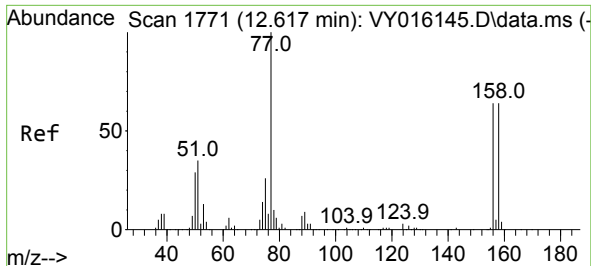
Tgt Ion: 75 Resp: 39874

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

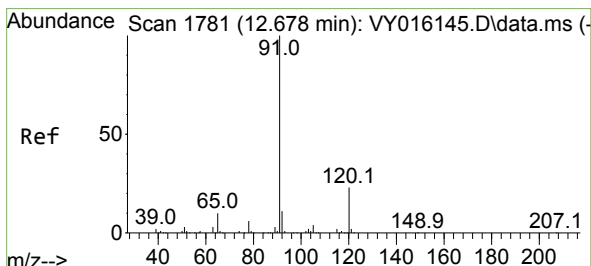
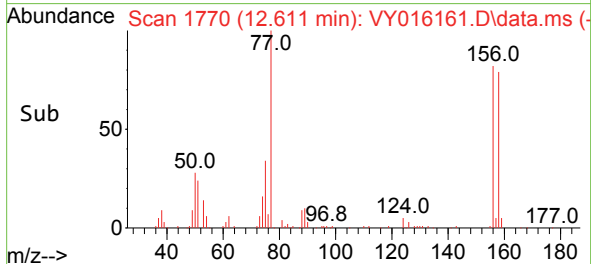
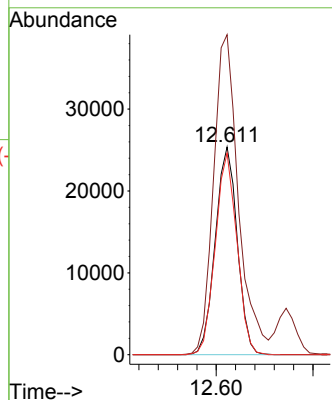
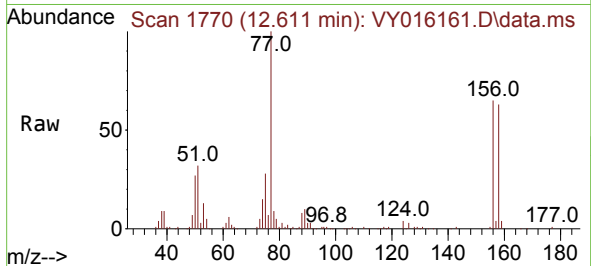




#77
Bromobenzene
Concen: 19.520 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

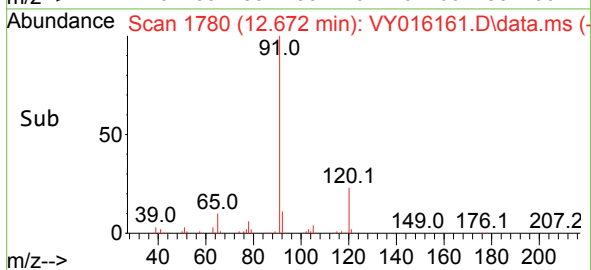
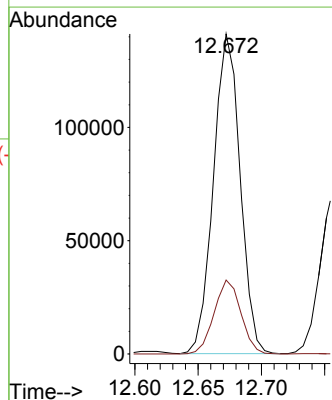
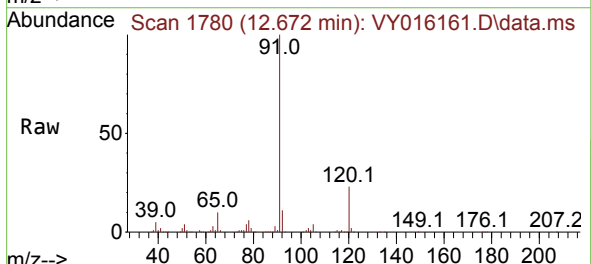
Instrument :
MSVOA_Y
ClientSampleId :

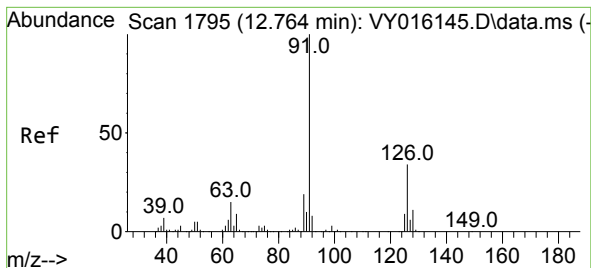
Tgt Ion:156 Resp: 39946
Ion Ratio Lower Upper
156 100
77 174.9 92.8 278.6
158 95.6 48.4 145.3



#78
n-propylbenzene
Concen: 19.354 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 91 Resp: 206798
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.119 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

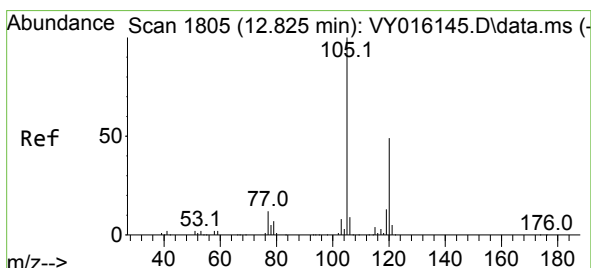
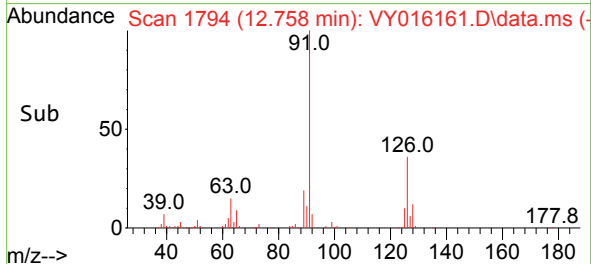
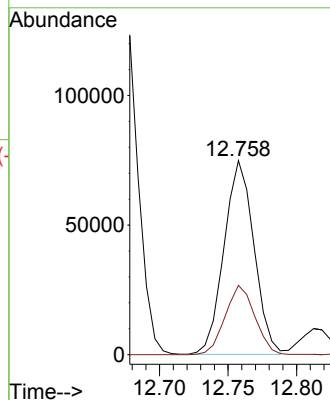
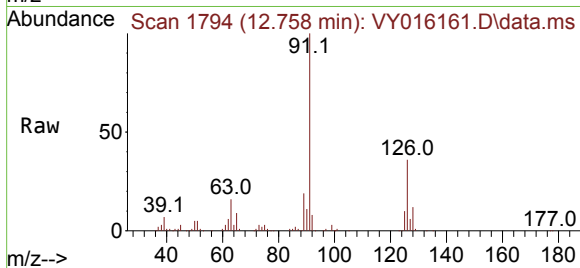
ClientSampleId :

Tgt Ion: 91 Resp: 113943

Ion Ratio Lower Upper

91 100

126 35.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.429 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.012 min

Lab File: VY016161.D

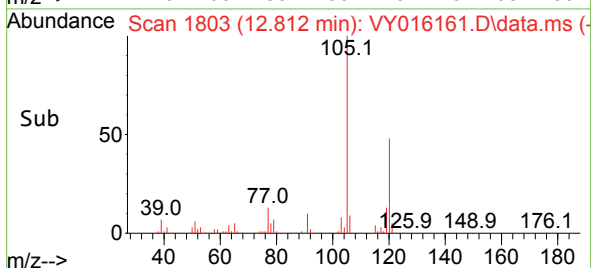
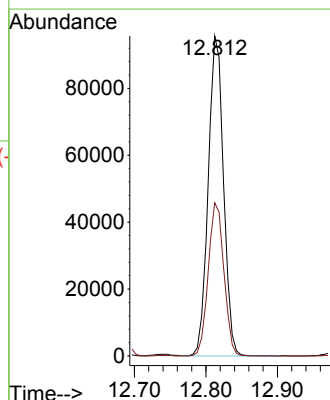
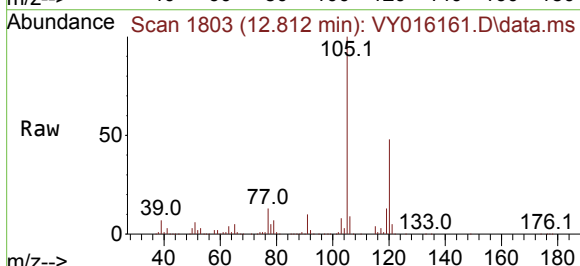
Acq: 01 Nov 2023 11:19

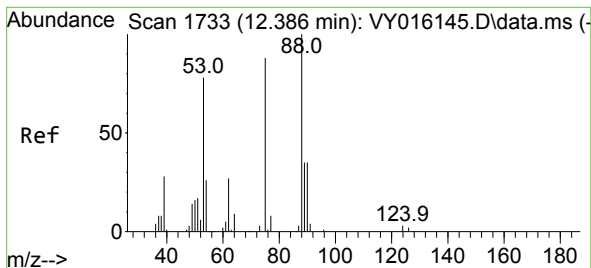
Tgt Ion: 105 Resp: 142263

Ion Ratio Lower Upper

105 100

120 48.9 23.9 71.7

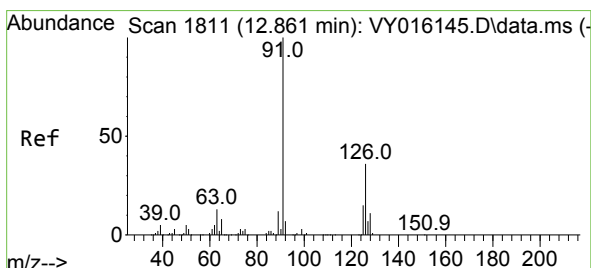
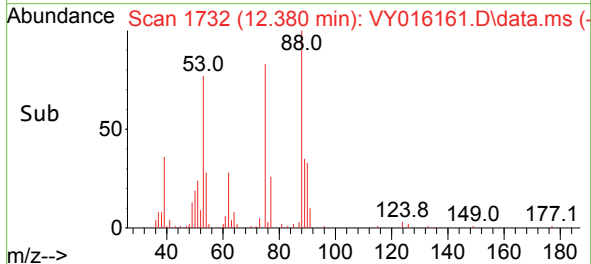
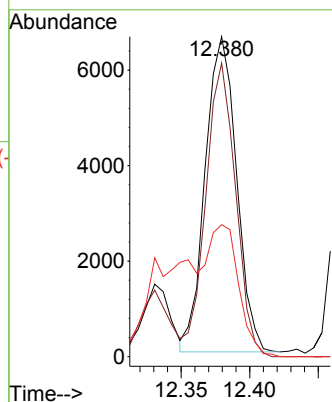
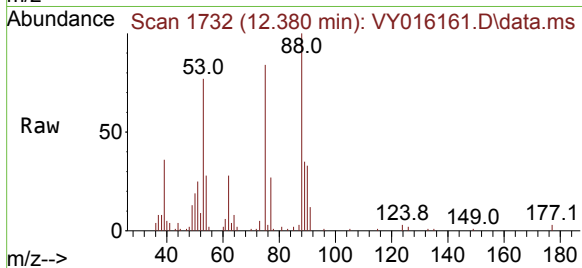




#81
trans-1,4-Dichloro-2-butene
Concen: 20.065 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

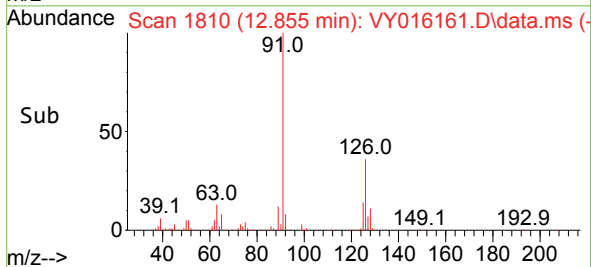
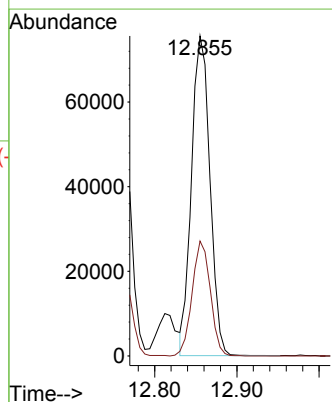
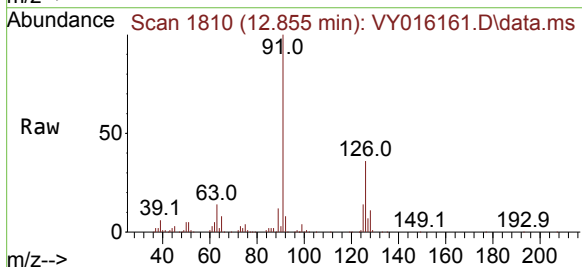
Instrument :
MSVOA_Y
ClientSampleId :

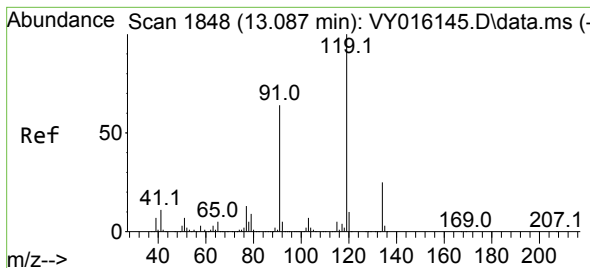
Tgt Ion: 75 Resp: 10500
Ion Ratio Lower Upper
75 100
53 88.8 77.8 116.8
89 43.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.231 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion: 91 Resp: 117690
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.115 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

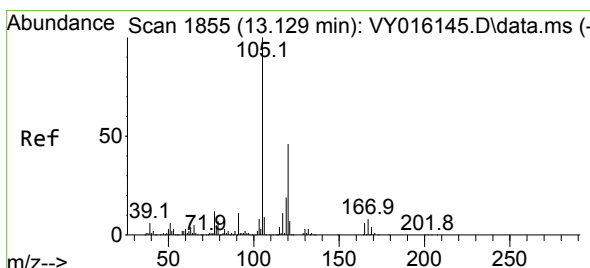
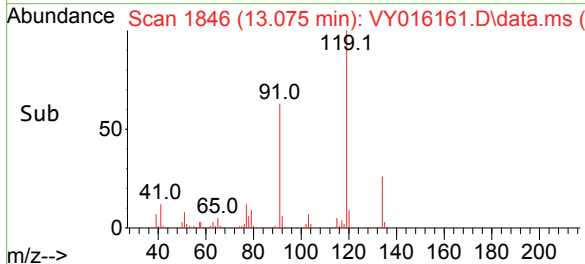
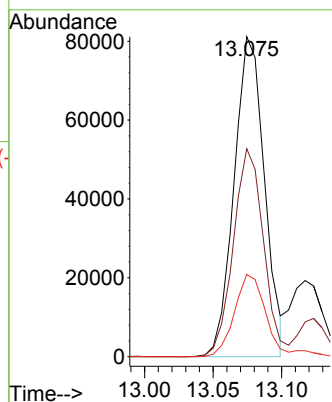
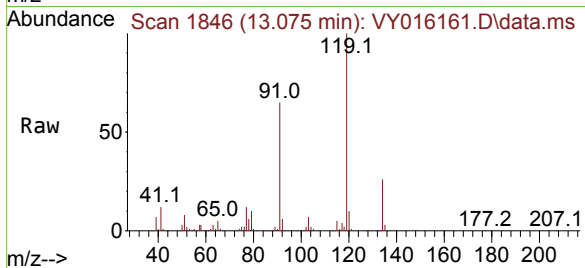
Tgt Ion:119 Resp: 125234

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 27.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.461 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016161.D

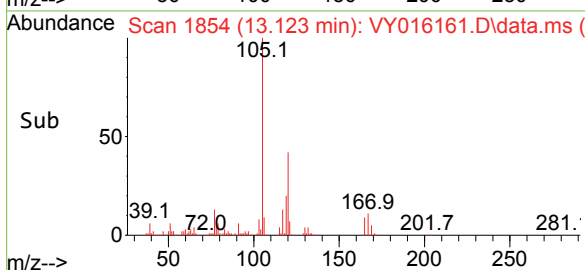
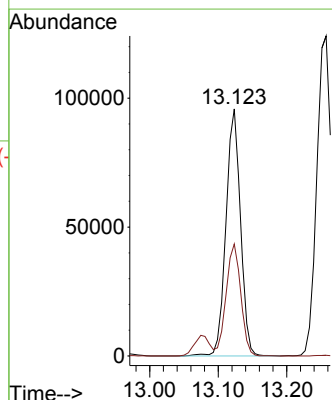
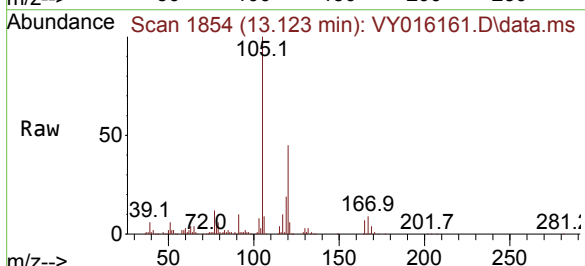
Acq: 01 Nov 2023 11:19

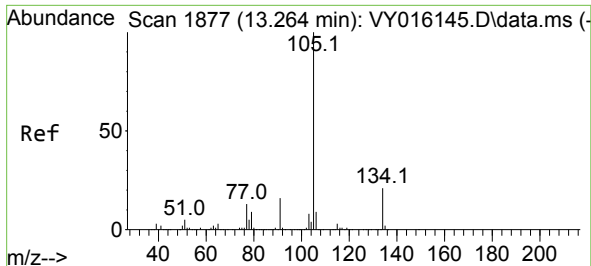
Tgt Ion:105 Resp: 141003

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6

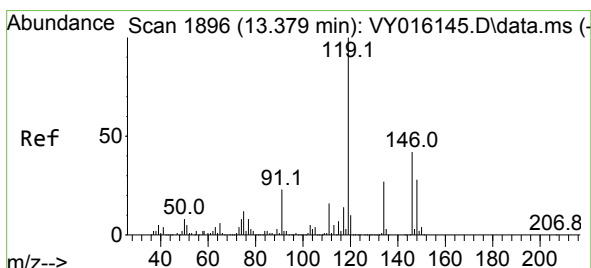
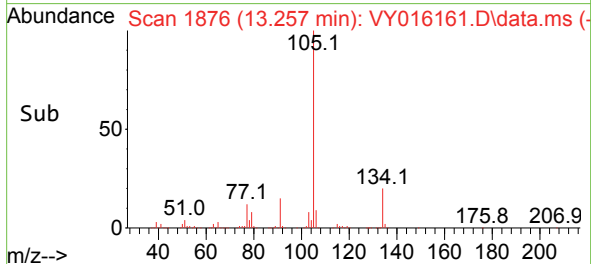
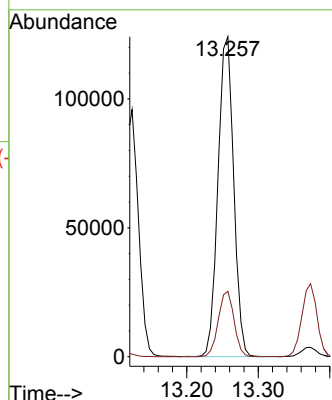
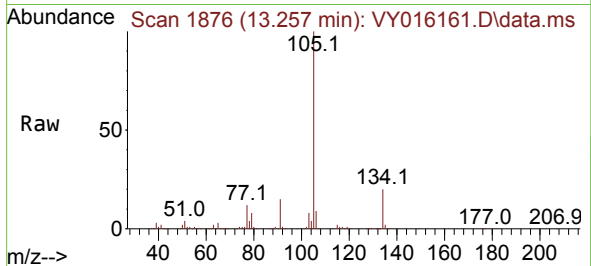




#85
 sec-Butylbenzene
 Concen: 19.688 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016161.D
 Acq: 01 Nov 2023 11:19

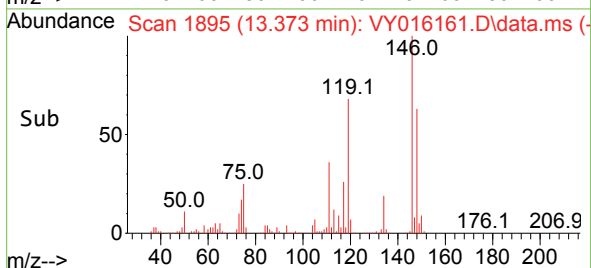
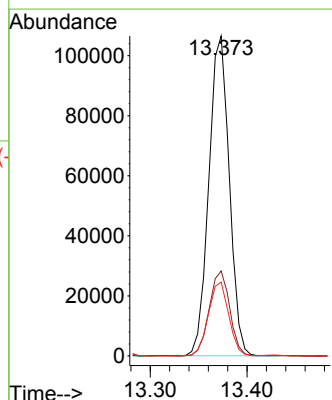
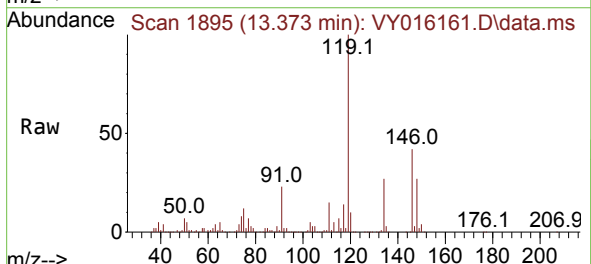
Instrument :
 MSVOA_Y
 ClientSampleId :

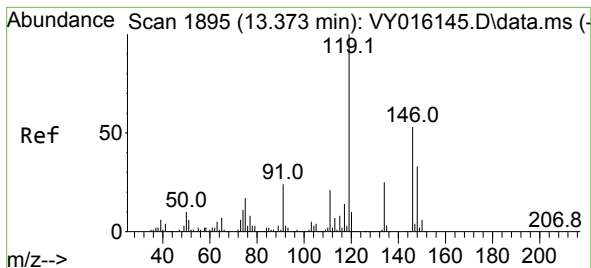
Tgt Ion:105 Resp: 189316
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.566 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016161.D
 Acq: 01 Nov 2023 11:19

Tgt Ion:119 Resp: 155935
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.503 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

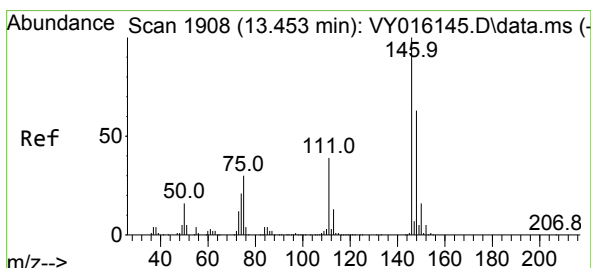
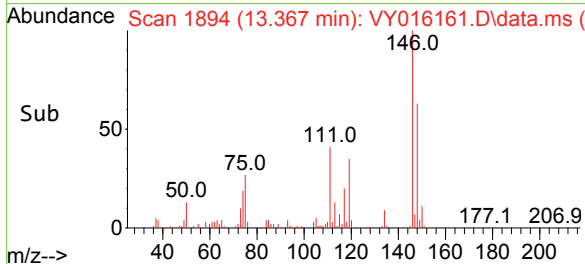
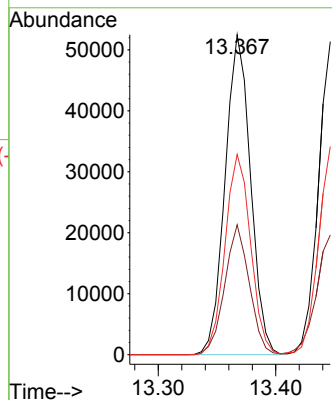
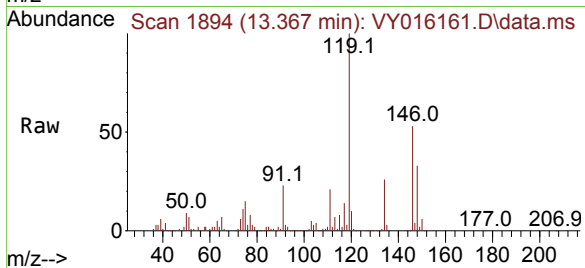
Tgt Ion:146 Resp: 78937

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.353 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

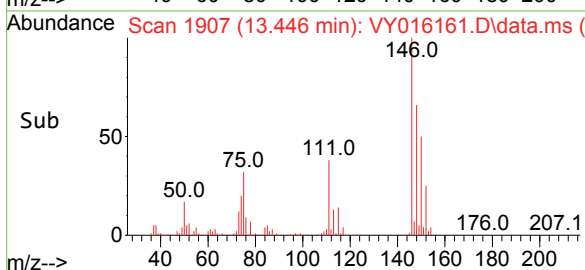
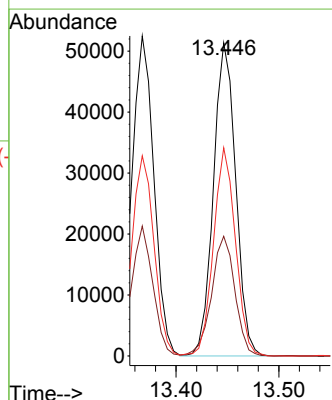
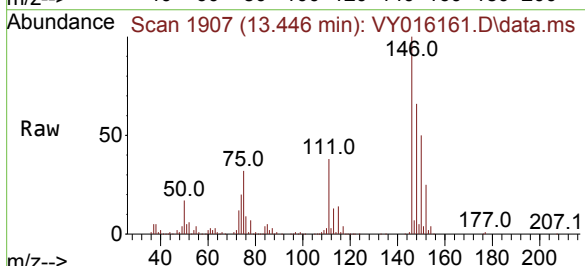
Tgt Ion:146 Resp: 77416

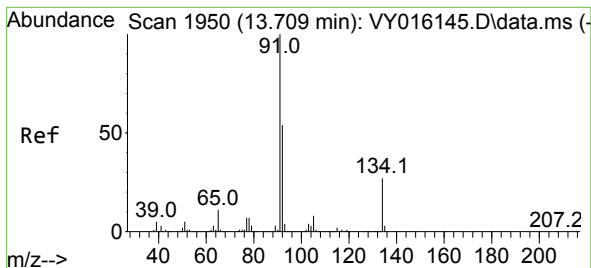
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 65.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.641 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.012 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

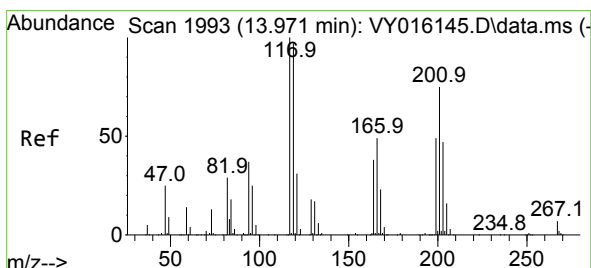
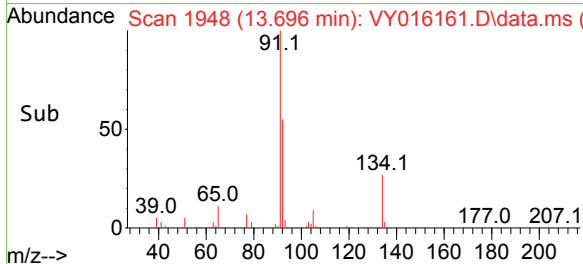
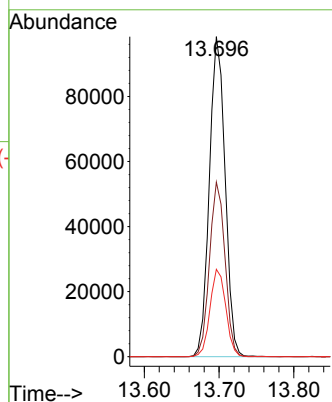
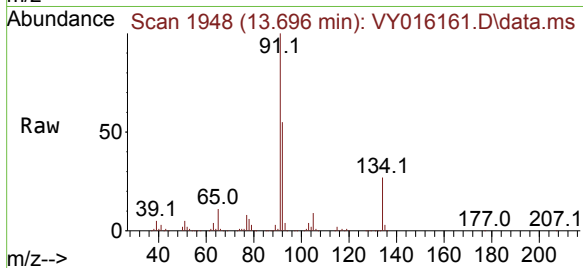
Tgt Ion: 91 Resp: 143824

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 27.3 12.6 37.6



#90

Hexachloroethane

Concen: 20.484 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016161.D

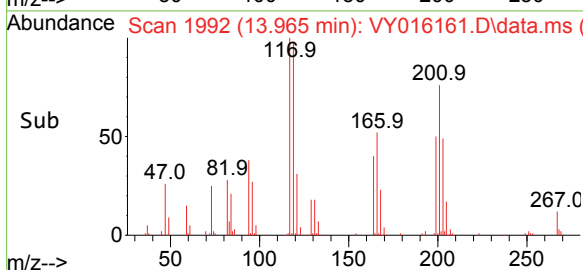
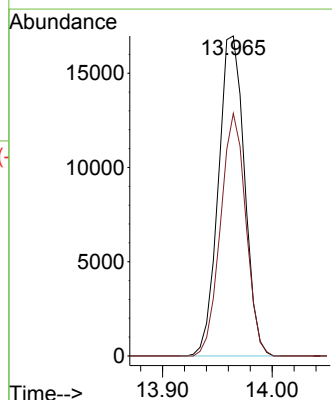
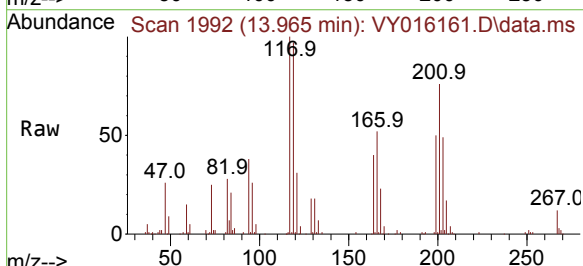
Acq: 01 Nov 2023 11:19

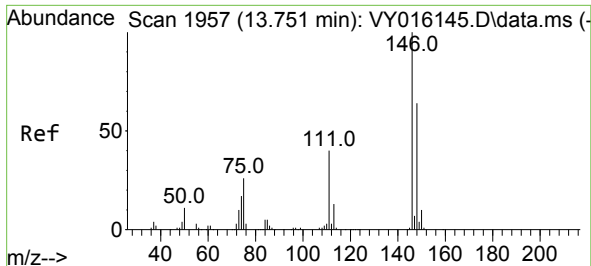
Tgt Ion: 117 Resp: 28133

Ion Ratio Lower Upper

117 100

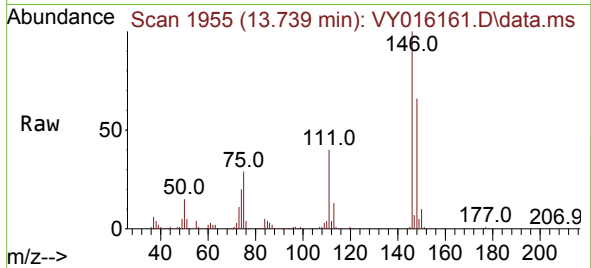
201 73.3 41.6 124.8



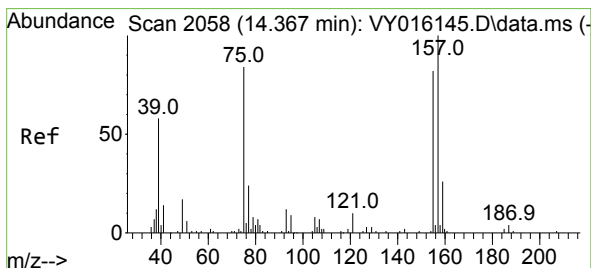
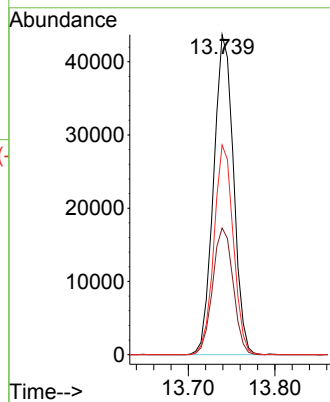
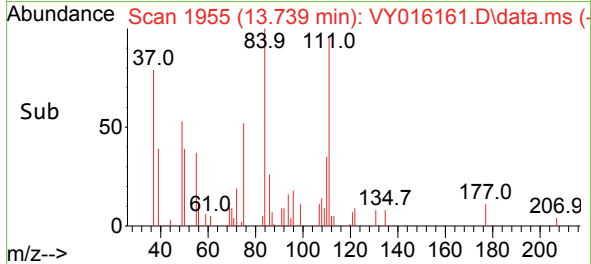


#91
1,2-Dichlorobenzene
Concen: 19.947 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

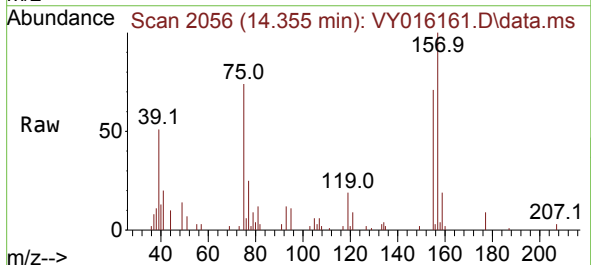
Instrument :
MSVOA_Y
ClientSampleId :



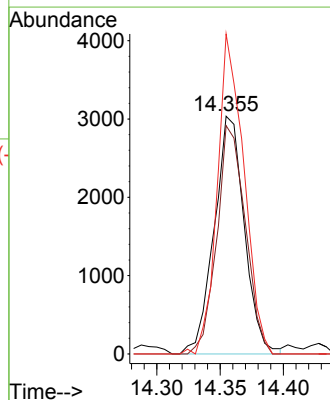
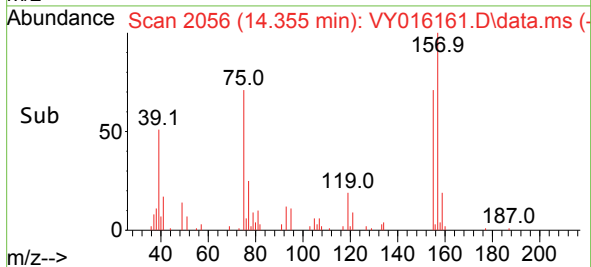
Tgt Ion:146 Resp: 69753
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 63.7 32.0 96.2

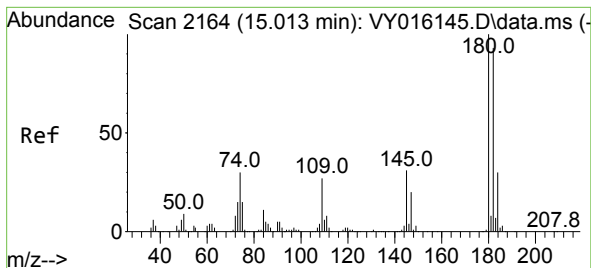


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.528 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19



Tgt Ion: 75 Resp: 5026
Ion Ratio Lower Upper
75 100
155 90.7 41.5 124.6
157 118.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.994 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

Instrument :

MSVOA_Y

ClientSampleId :

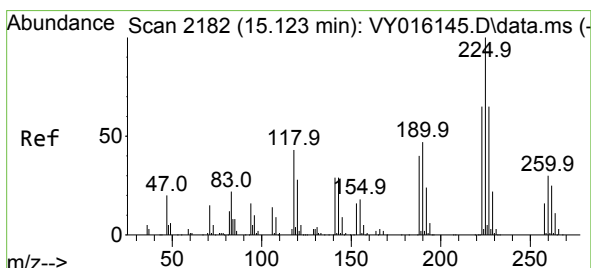
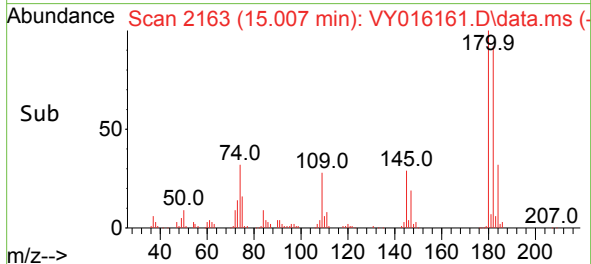
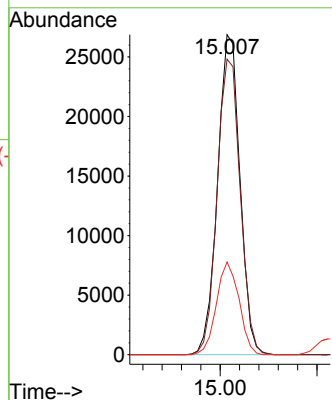
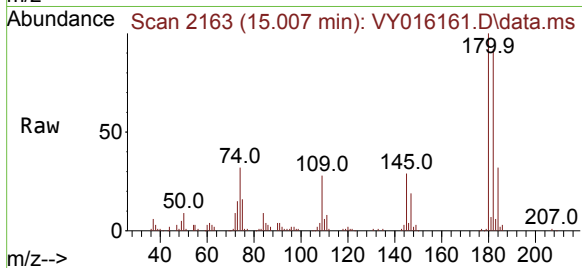
Tgt Ion:180 Resp: 43154

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 29.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.882 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016161.D

Acq: 01 Nov 2023 11:19

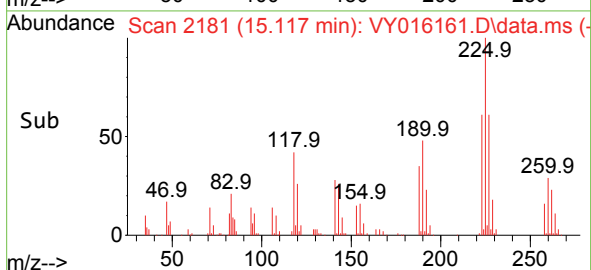
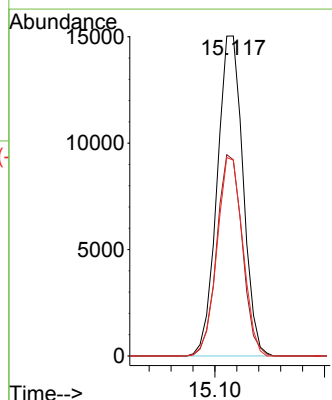
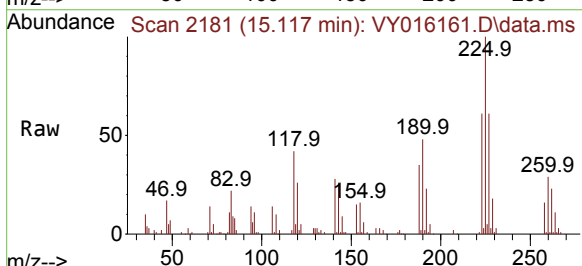
Tgt Ion:225 Resp: 24629

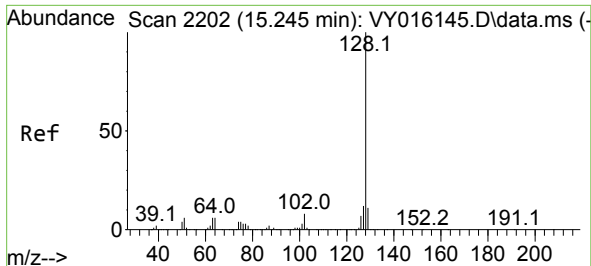
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 61.5 33.0 98.9

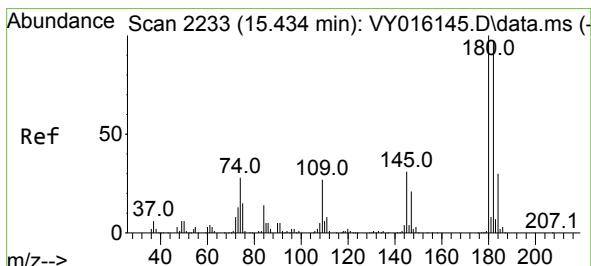
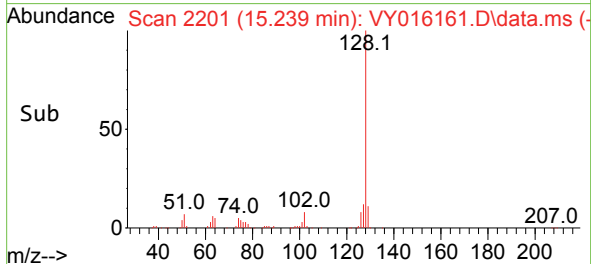
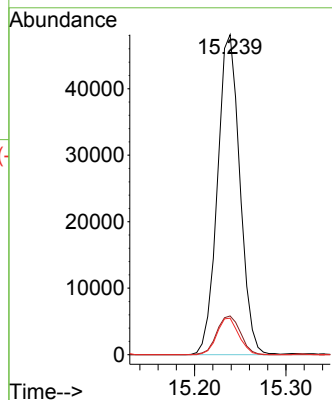
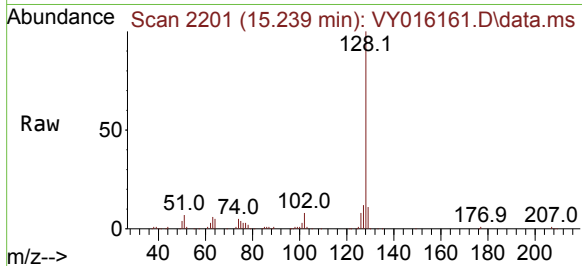




#95
Naphthalene
Concen: 19.562 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 82023
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.292 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016161.D
Acq: 01 Nov 2023 11:19

Tgt Ion:180 Resp: 37413
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 32.1 15.4 46.2

