

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016220.D
 Acq On : 03 Nov 2023 19:10
 Operator : SY/MD
 Sample : VY1103SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:06:49 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	7.807	168	160220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	258644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	227015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107127	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	77072	51.408	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.820%	
35) Dibromofluoromethane	7.740	113	73884	47.916	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.840%	
50) Toluene-d8	10.197	98	300528	49.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.320%	
62) 4-Bromofluorobenzene	12.489	95	99478	47.585	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18326	17.931	ug/l	97
3) Chloromethane	2.119	50	24564	17.359	ug/l	98
4) Vinyl Chloride	2.259	62	26603	18.215	ug/l	96
5) Bromomethane	2.656	94	19024	19.301	ug/l	96
6) Chloroethane	2.802	64	19228	18.701	ug/l	96
7) Trichlorofluoromethane	3.137	101	44693	20.270	ug/l	99
8) Diethyl Ether	3.546	74	14988	20.510	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	27664	19.916	ug/l	96
10) Methyl Iodide	4.107	142	29035	18.798	ug/l	97
11) Tert butyl alcohol	4.966	59	13141	117.315	ug/l #	85
12) 1,1-Dichloroethene	3.887	96	23718	18.708	ug/l	91
13) Acrolein	3.741	56	11351	105.431	ug/l	98
14) Allyl chloride	4.503	41	37802	20.846	ug/l #	95
15) Acrylonitrile	5.186	53	33627	107.687	ug/l	98
16) Acetone	3.966	43	24119	88.451	ug/l	96
17) Carbon Disulfide	4.210	76	54576	17.243	ug/l	99
18) Methyl Acetate	4.497	43	26249	21.771	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	76375	21.179	ug/l	99
20) Methylene Chloride	4.741	84	36668	22.363	ug/l #	84
21) trans-1,2-Dichloroethene	5.241	96	29143	19.735	ug/l	93
22) Diisopropyl ether	6.137	45	93547	21.328	ug/l	89
23) Vinyl Acetate	6.082	43	223118	103.607	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	54733	20.850	ug/l	98
25) 2-Butanone	7.003	43	42474	102.688	ug/l	97
26) 2,2-Dichloropropane	7.003	77	48089	19.379	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	36048	20.742	ug/l	92
28) Bromochloromethane	7.350	49	21295	21.679	ug/l	89
29) Tetrahydrofuran	7.368	42	28739	110.840	ug/l	91
30) Chloroform	7.521	83	62262	21.786	ug/l	95
31) Cyclohexane	7.801	56	43224	18.755	ug/l	91
32) 1,1,1-Trichloroethane	7.722	97	52770	20.134	ug/l	98
36) 1,1-Dichloropropene	7.935	75	41575	18.672	ug/l	99
37) Ethyl Acetate	7.088	43	20553	20.725	ug/l #	94
38) Carbon Tetrachloride	7.917	117	46908	21.265	ug/l	97
39) Methylcyclohexane	9.197	83	49381	18.580	ug/l	91
40) Benzene	8.179	78	124242	19.436	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	10322	17.931	ug/l	95
42) 1,2-Dichloroethane	8.252	62	36547	20.488	ug/l	94
43) Isopropyl Acetate	8.289	43	40945	20.873	ug/l	92
44) Trichloroethene	8.953	130	36008	19.249	ug/l	97
45) 1,2-Dichloropropane	9.228	63	31848	20.711	ug/l	99
46) Dibromomethane	9.319	93	17581	20.154	ug/l	98
47) Bromodichloromethane	9.514	83	47657	21.502	ug/l	99
48) Methyl methacrylate	9.307	41	17346	19.446	ug/l #	88
49) 1,4-Dioxane	9.313	88	3852	288.605	ug/l #	53
51) 4-Methyl-2-Pentanone	10.081	43	106250	108.551	ug/l	93
52) Toluene	10.258	92	82428	19.900	ug/l	93
53) t-1,3-Dichloropropene	10.478	75	45534	20.580	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	52141	20.084	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	25964	21.160	ug/l	94
56) Ethyl methacrylate	10.520	69	32454	20.366	ug/l #	88
57) 1,3-Dichloropropane	10.807	76	43031	20.600	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	82138	106.297	ug/l	92
59) 2-Hexanone	10.843	43	72619	108.267	ug/l	91
60) Dibromochloromethane	10.996	129	32062	20.828	ug/l	99
61) 1,2-Dibromoethane	11.099	107	23670	20.281	ug/l	98
64) Tetrachloroethene	10.734	164	37913	18.776	ug/l	98
65) Chlorobenzene	11.526	112	89109	19.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	33846	20.260	ug/l	96
67) Ethyl Benzene	11.605	91	157898	19.573	ug/l	100
68) m/p-Xylenes	11.715	106	120959	38.803	ug/l	95
69) o-Xylene	12.038	106	58219	19.561	ug/l	97
70) Styrene	12.057	104	96048	19.412	ug/l	96
71) Bromoform	12.221	173	19187	20.703	ug/l #	98
73) Isopropylbenzene	12.343	105	155707	19.377	ug/l	100
74) N-amyl acetate	12.154	43	35073	20.085	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	26662	20.851	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	36187	35.870	ug/l #	100
77) Bromobenzene	12.617	156	35714	19.628	ug/l	96
78) n-propylbenzene	12.684	91	184953	19.468	ug/l	99
79) 2-Chlorotoluene	12.770	91	103490	19.531	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	125397	19.261	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9463	20.338	ug/l	89
82) 4-Chlorotoluene	12.867	91	107440	19.746	ug/l	99
83) tert-Butylbenzene	13.087	119	113572	19.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	124813	19.375	ug/l	98
85) sec-Butylbenzene	13.264	105	169140	19.783	ug/l	100
86) p-Isopropyltoluene	13.379	119	139723	19.718	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	71166	19.776	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	70506	19.823	ug/l	99
89) n-Butylbenzene	13.703	91	128171	19.685	ug/l	96
90) Hexachloroethane	13.971	117	25545	20.919	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	62493	20.099	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4200	18.353	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	36500	19.020	ug/l	99
94) Hexachlorobutadiene	15.123	225	20671	19.711	ug/l	100
95) Naphthalene	15.245	128	67524	18.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	30721	18.740	ug/l	99

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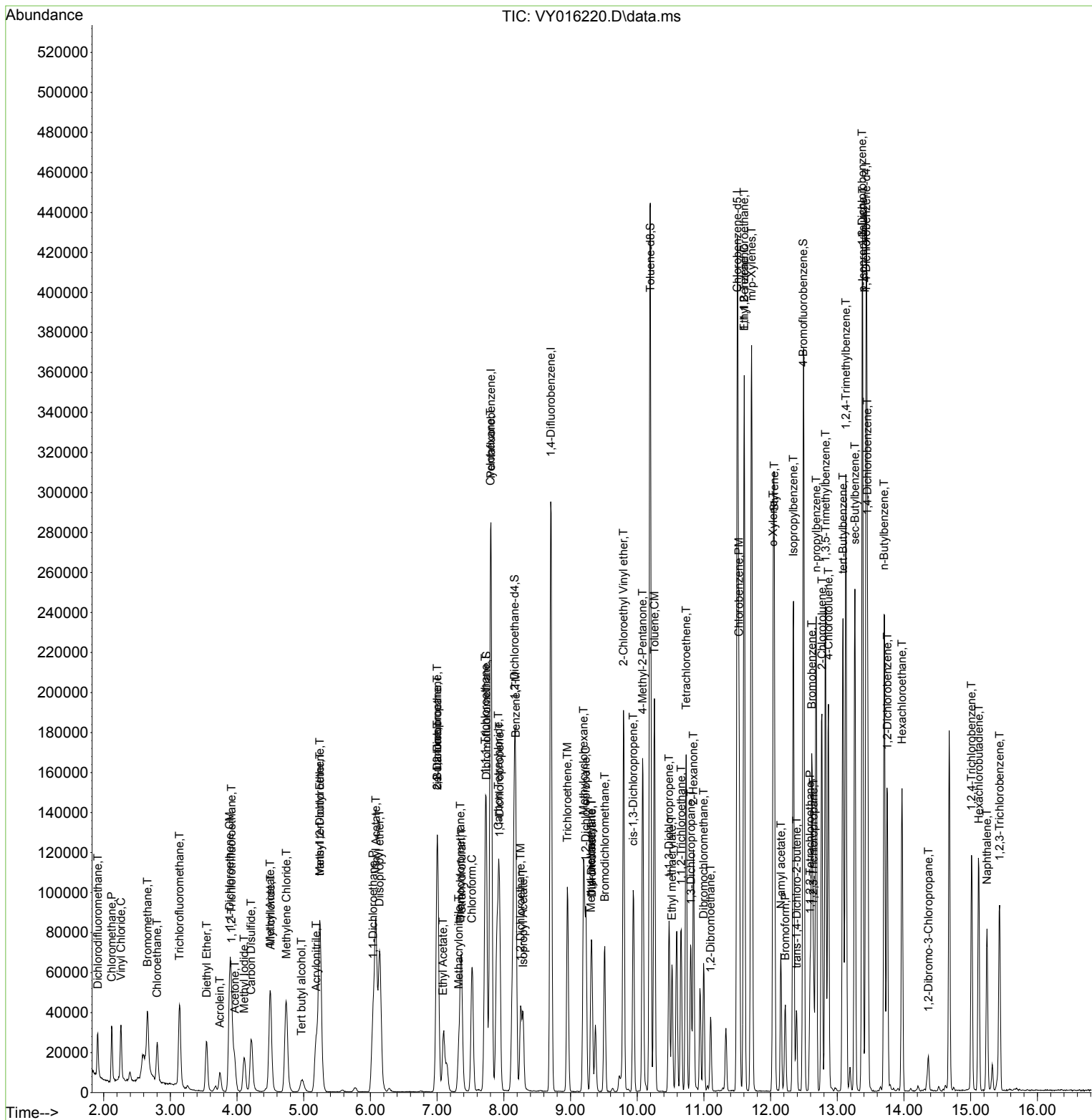
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MSVOA_Y
ClientSampleId :

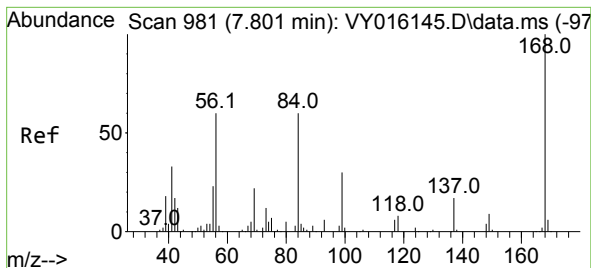
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY016220.D

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Instrument :

MSVOA_Y

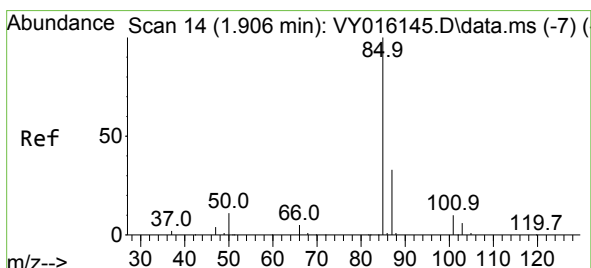
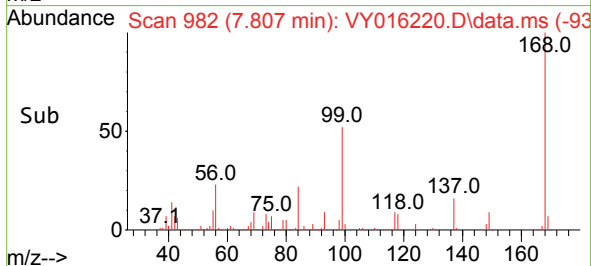
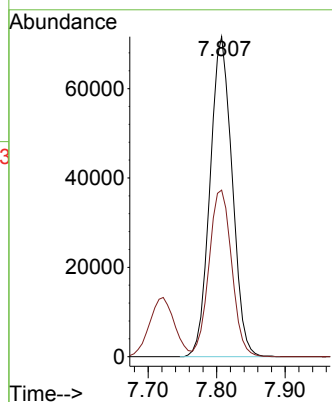
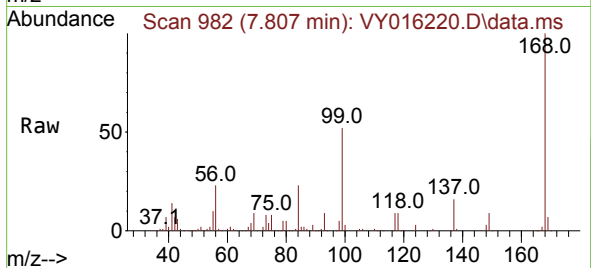
ClientSampleId :

Tgt Ion:168 Resp: 160220

Ion Ratio Lower Upper

168 100

99 52.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 17.931 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY016220.D

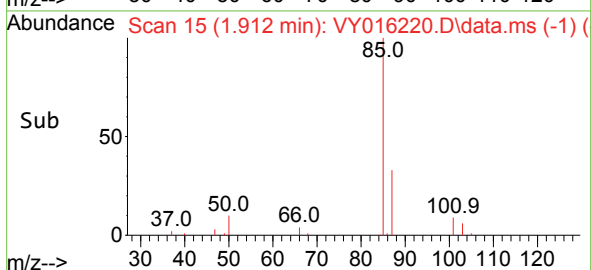
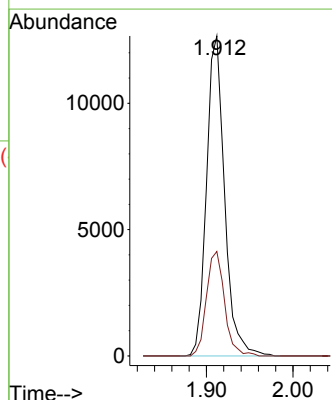
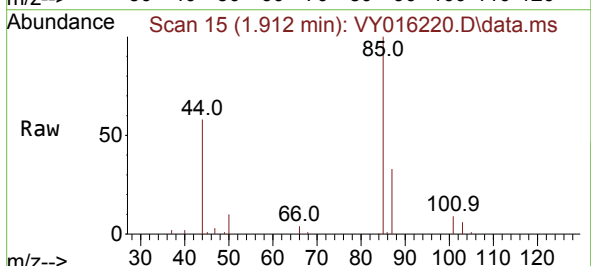
Acq: 03 Nov 2023 19:10

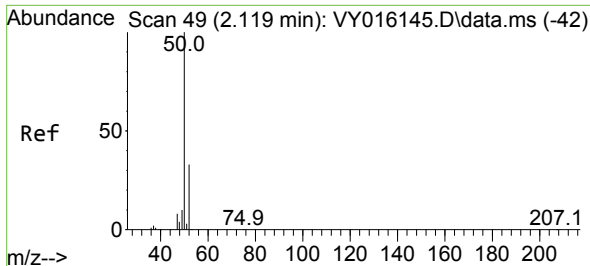
Tgt Ion: 85 Resp: 18326

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8

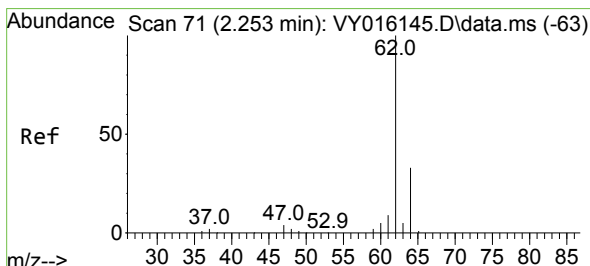
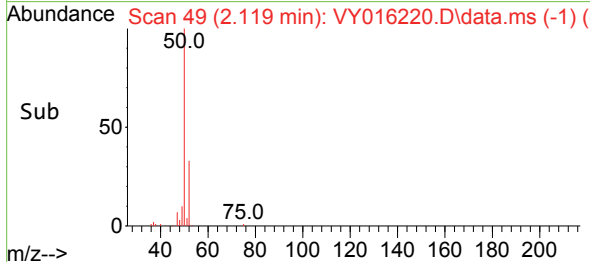
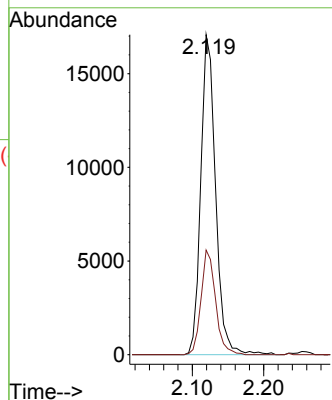
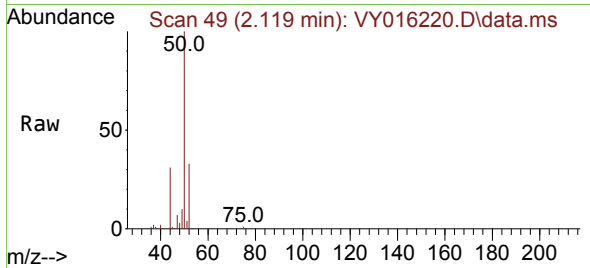




#3
Chloromethane
Concen: 17.359 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

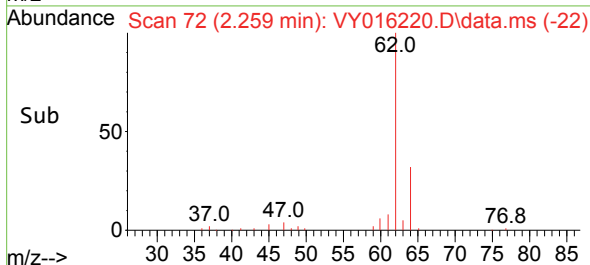
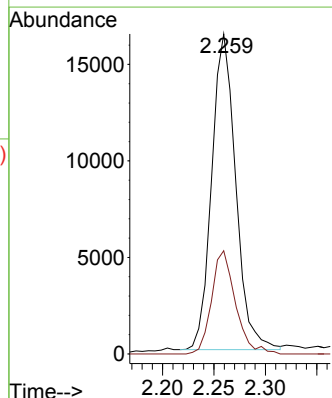
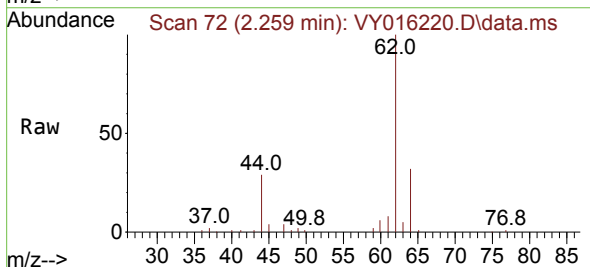
Instrument :
MSVOA_Y
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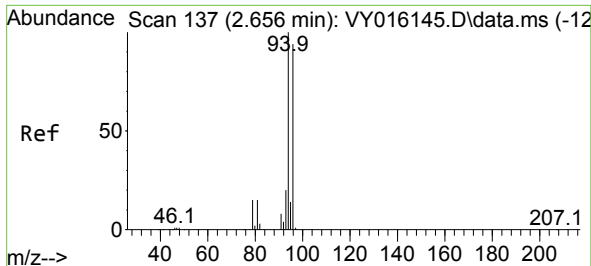
Tgt Ion: 50 Resp: 24564
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 18.215 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

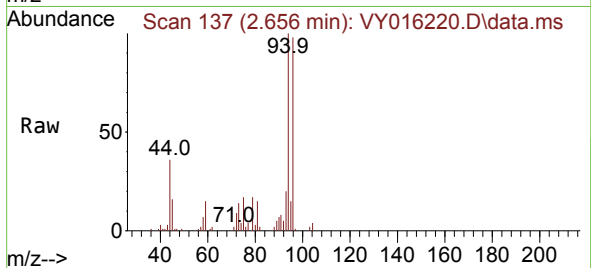
Tgt Ion: 62 Resp: 26603
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5



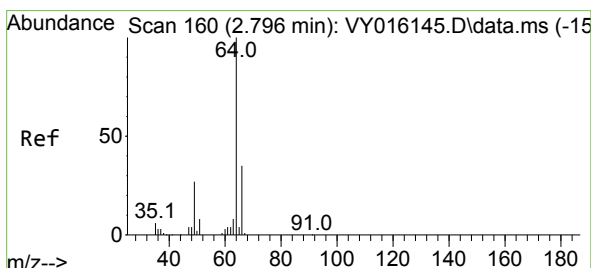
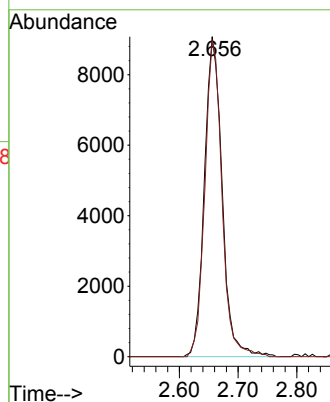
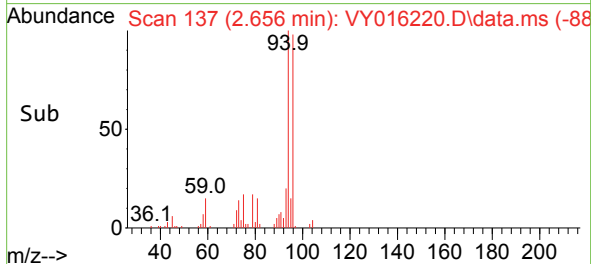


#5
Bromomethane
Concen: 19.301 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

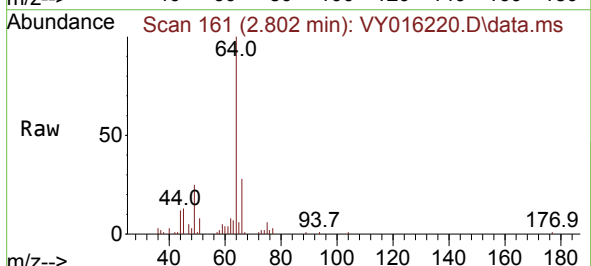
Instrument :
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ClientSampleId :



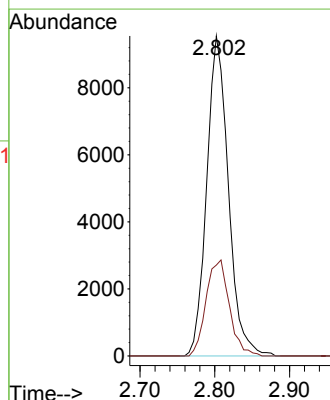
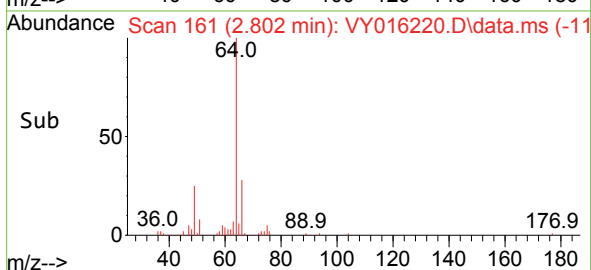
Tgt Ion: 94 Resp: 19024
Ion Ratio Lower Upper
94 100
96 98.5 75.8 113.6

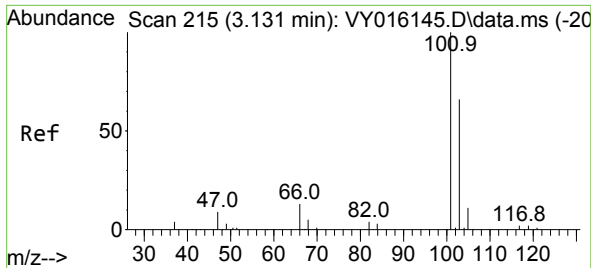


#6
Chloroethane
Concen: 18.701 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 64 Resp: 19228
Ion Ratio Lower Upper
64 100
66 28.4 24.4 36.6

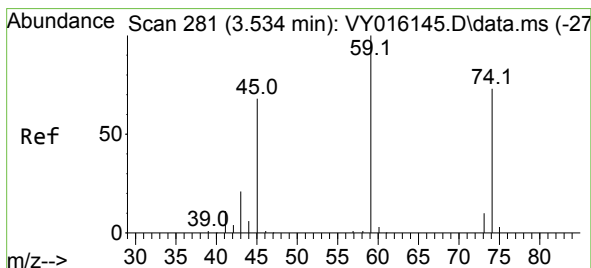
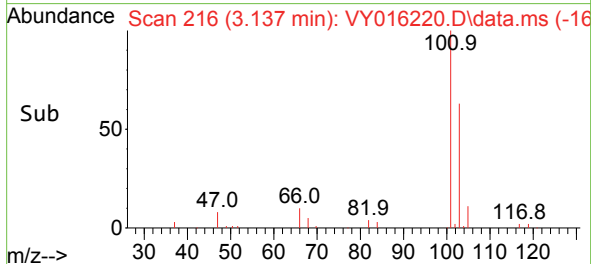
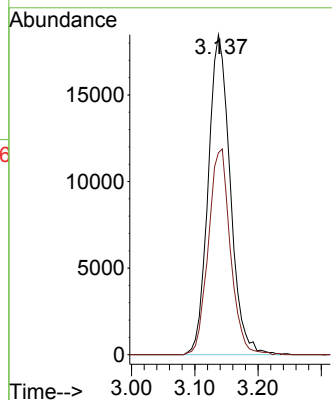
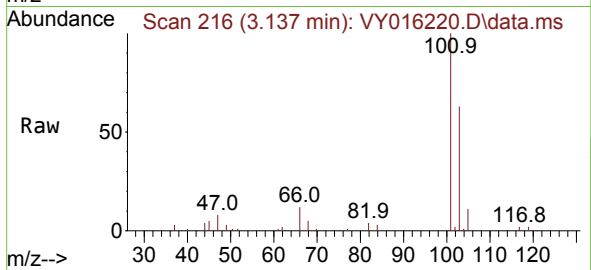




#7
Trichlorofluoromethane
Concen: 20.270 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

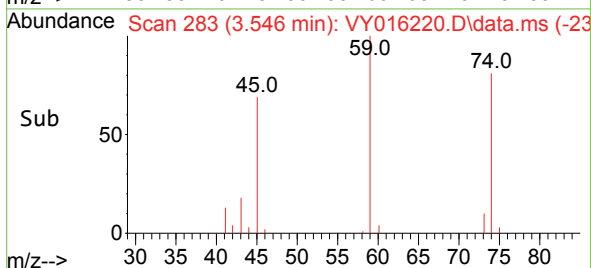
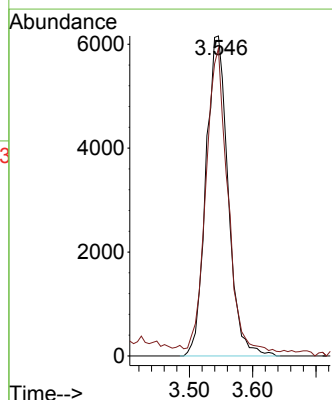
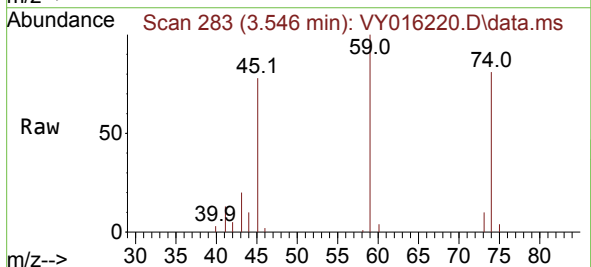
Instrument :
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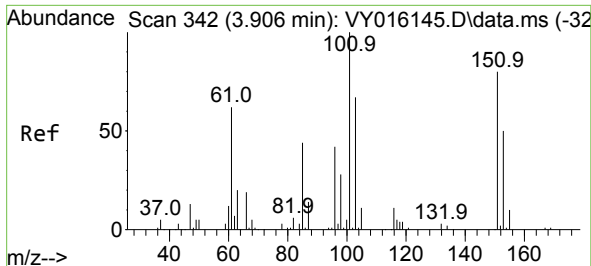
Tgt Ion:101 Resp: 44693
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0



#8
Diethyl Ether
Concen: 20.510 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 74 Resp: 14988
Ion Ratio Lower Upper
74 100
45 92.8 51.5 154.5

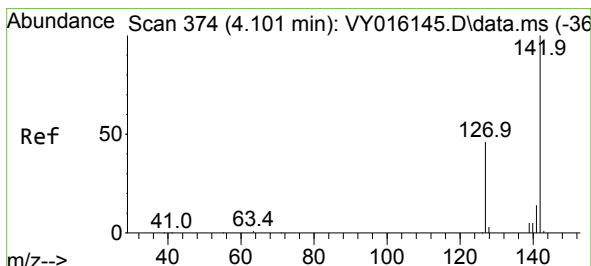
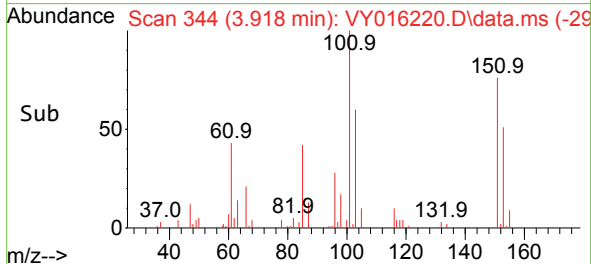
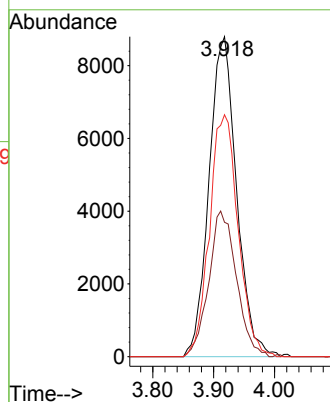
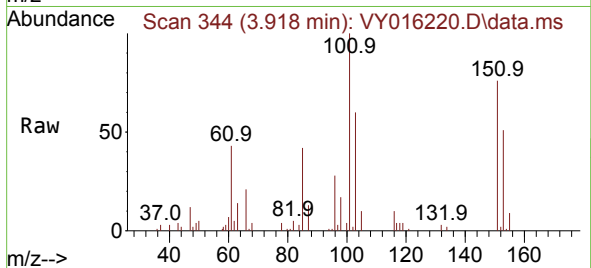




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.916 ug/l
RT: 3.918 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

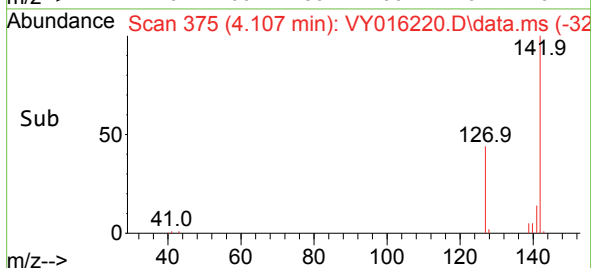
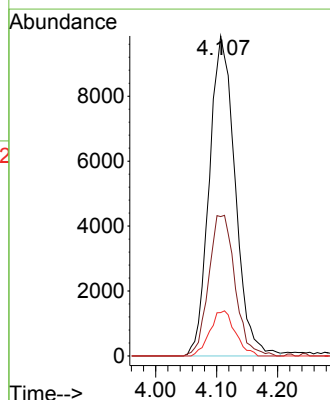
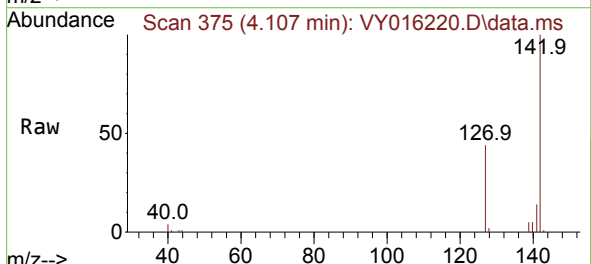
Instrument :
MSVOA_Y
ClientSampleId :

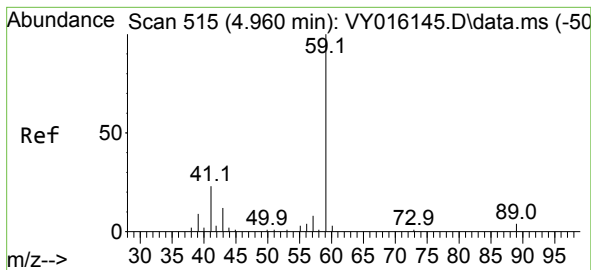
Tgt Ion:101 Resp: 27664
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.798 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:142 Resp: 29035
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 117.315 ug/l

RT: 4.966 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

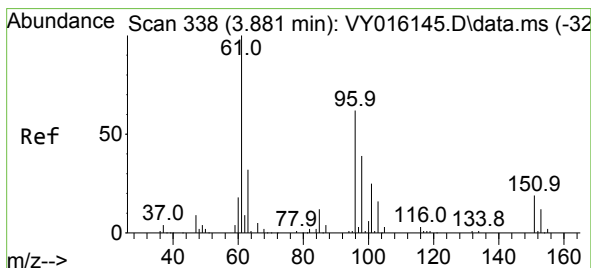
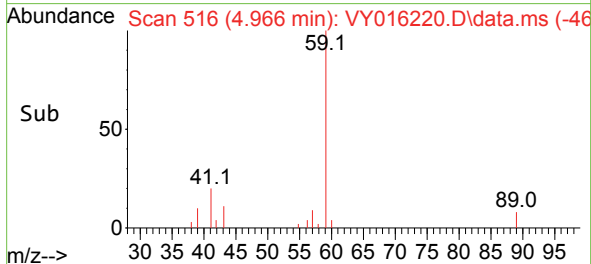
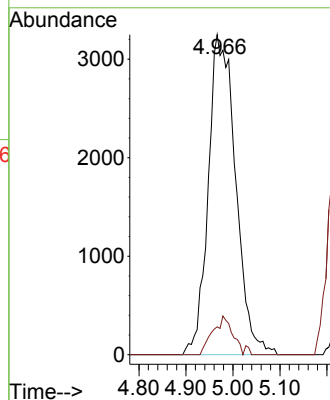
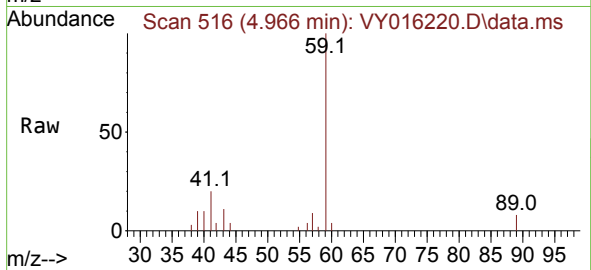
ClientSampleId :

Tgt Ion: 59 Resp: 13141

Ion Ratio Lower Upper

59 100

57 8.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.708 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

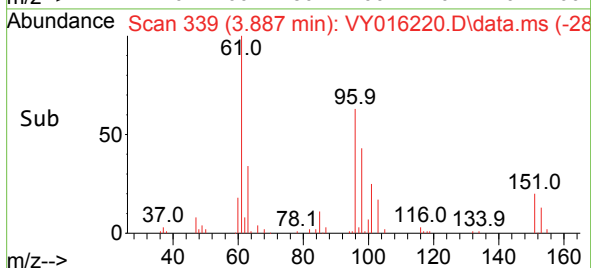
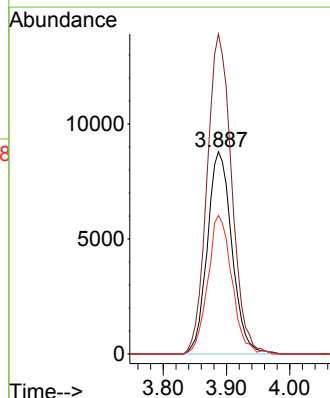
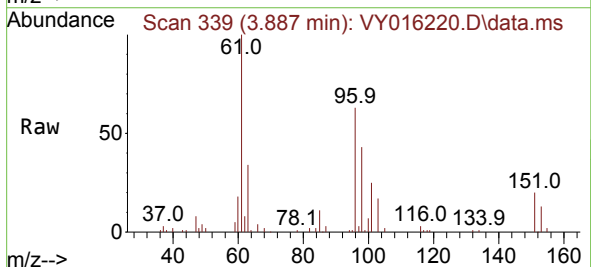
Tgt Ion: 96 Resp: 23718

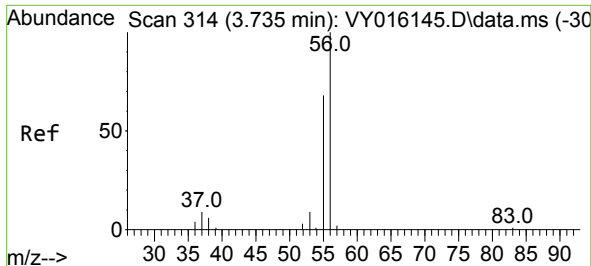
Ion Ratio Lower Upper

96 100

61 158.2 136.4 204.6

98 68.5 49.4 74.2





#13

Acrolein

Concen: 105.431 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

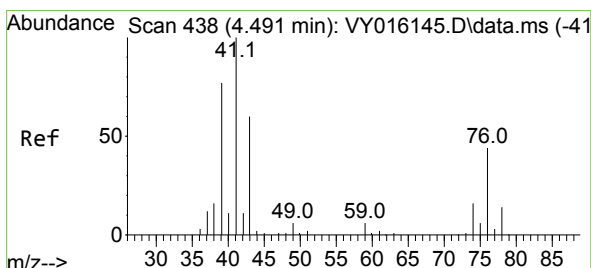
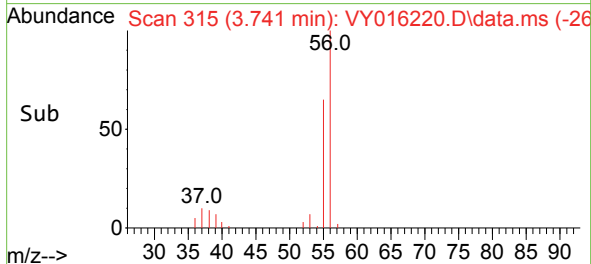
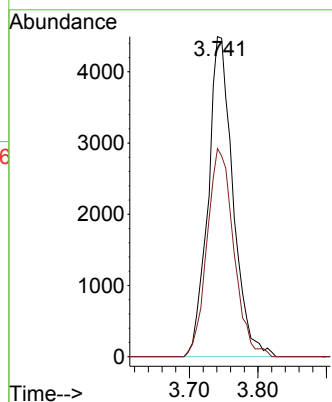
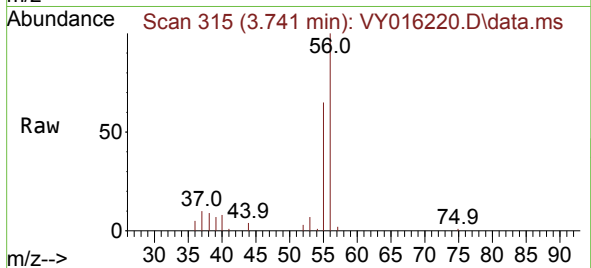
ClientSampleId :

Tgt Ion: 56 Resp: 11351

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 20.846 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

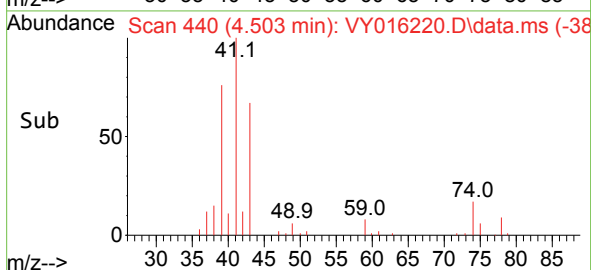
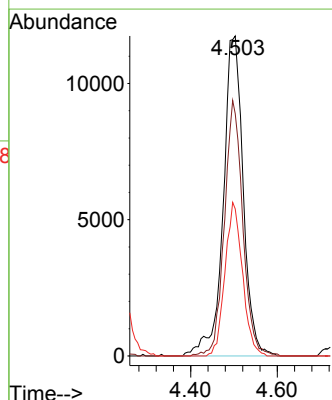
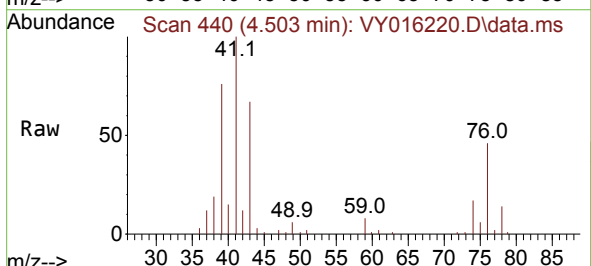
Tgt Ion: 41 Resp: 37802

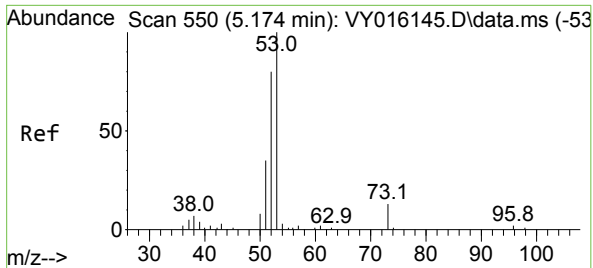
Ion Ratio Lower Upper

41 100

39 73.5 58.0 87.0

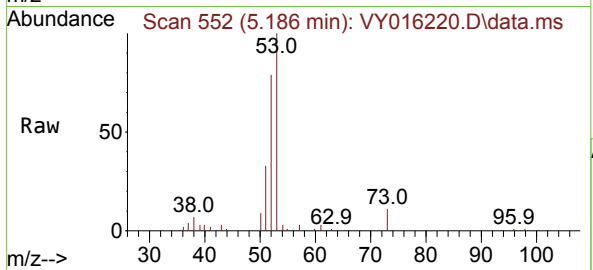
76 42.1 27.4 41.2#



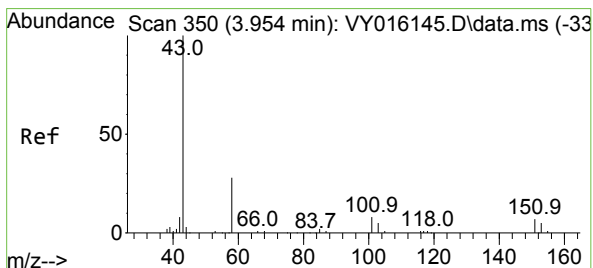
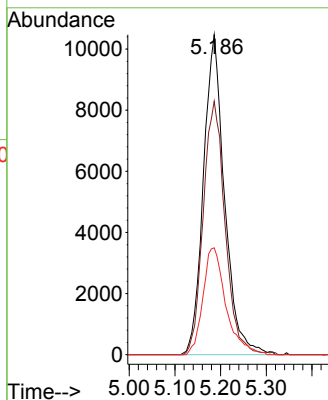
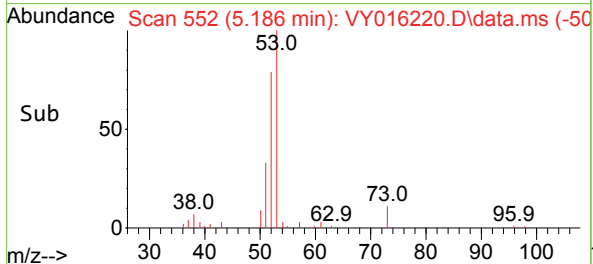


#15
Acrylonitrile
Concen: 107.687 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Instrument :
MSVOA_Y
ClientSampleId :

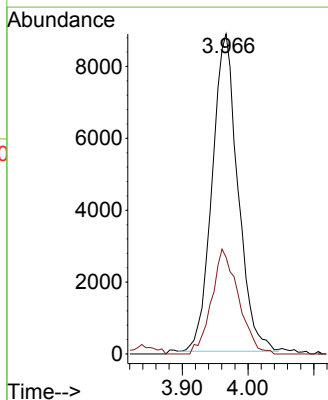
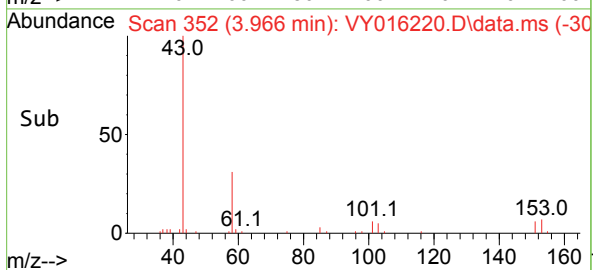
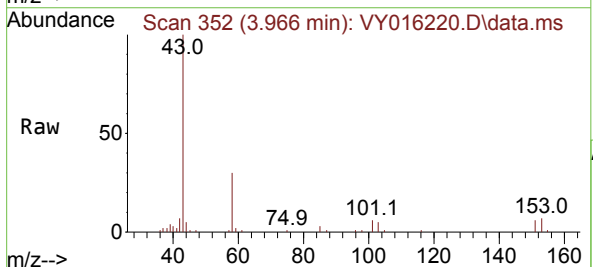


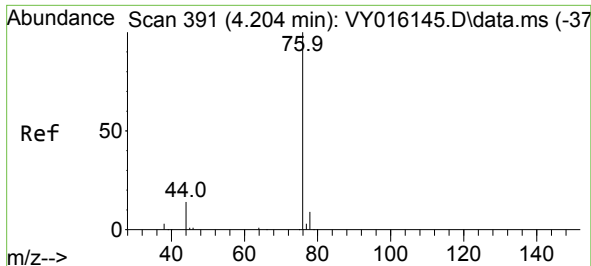
Tgt Ion:	53	Resp:	33627
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.9	100.3
51	36.4	29.8	44.6



#16
Acetone
Concen: 88.451 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:	43	Resp:	24119
Ion	Ratio	Lower	Upper
43	100		
58	30.5	22.7	34.1





#17

Carbon Disulfide

Concen: 17.243 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

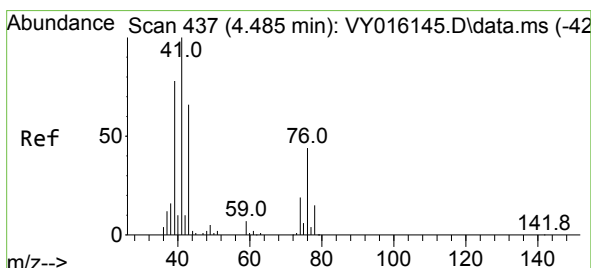
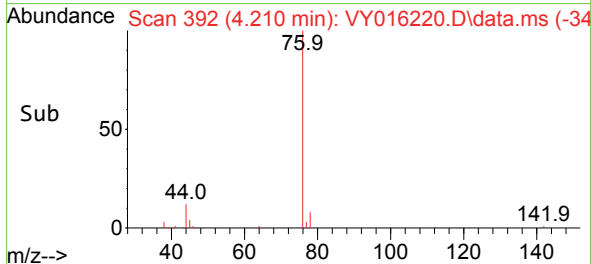
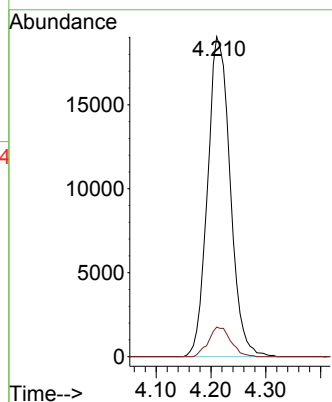
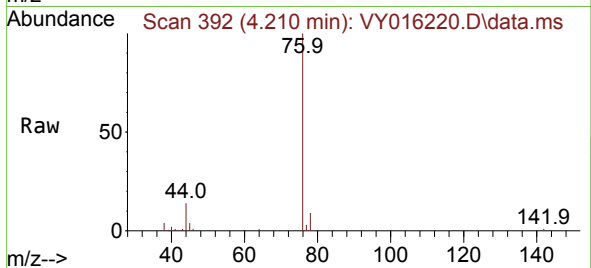
ClientSampleId :

Tgt Ion: 76 Resp: 54576

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 21.771 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY016220.D

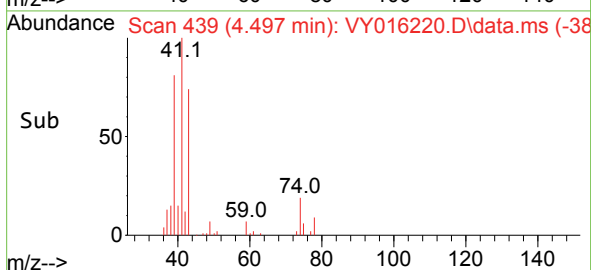
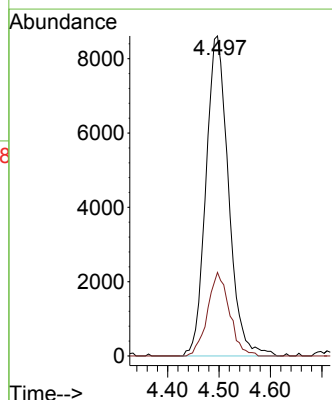
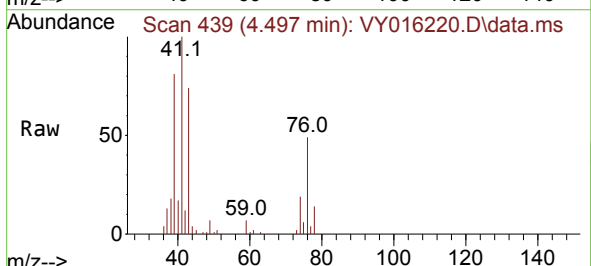
Acq: 03 Nov 2023 19:10

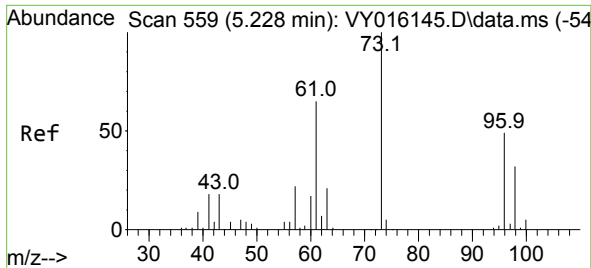
Tgt Ion: 43 Resp: 26249

Ion Ratio Lower Upper

43 100

74 25.4 17.4 26.0

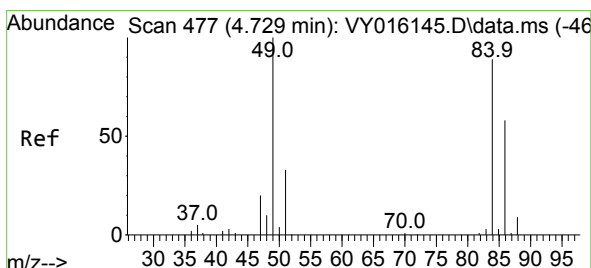
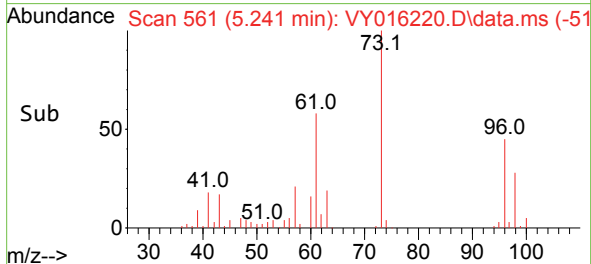
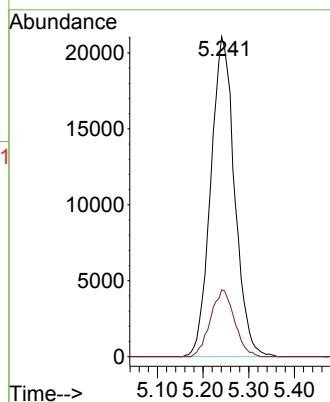
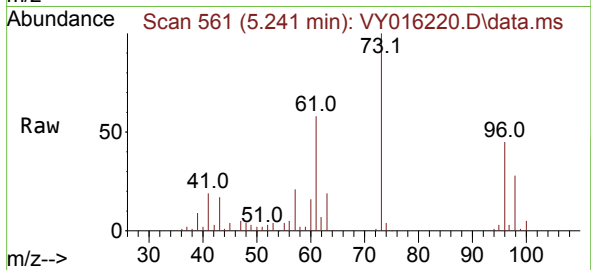




#19
Methyl tert-butyl Ether
Concen: 21.179 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

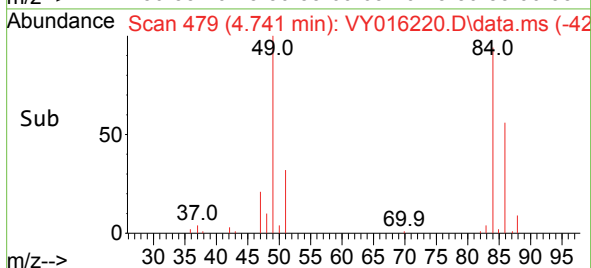
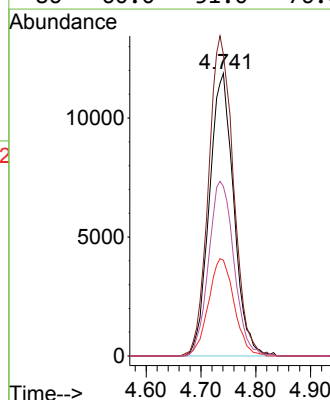
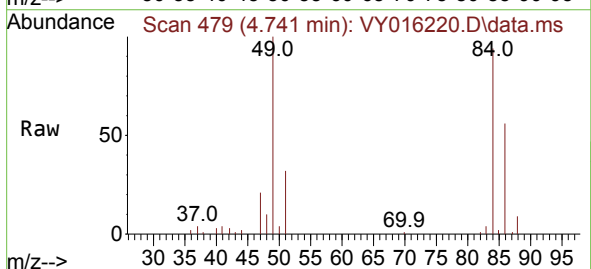
Instrument :
MSVOA_Y
ClientSampleId :

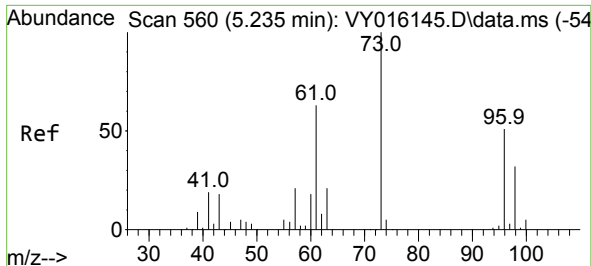
Tgt Ion: 73 Resp: 76375
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 22.363 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 84 Resp: 36668
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 33.9 33.2 49.8
86 60.0 51.0 76.6

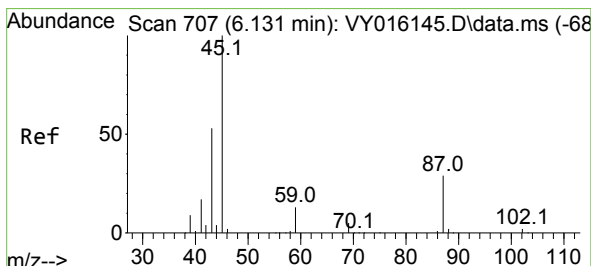
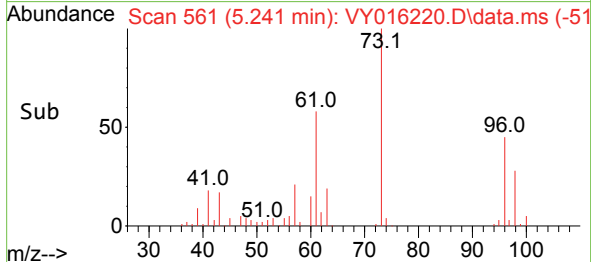
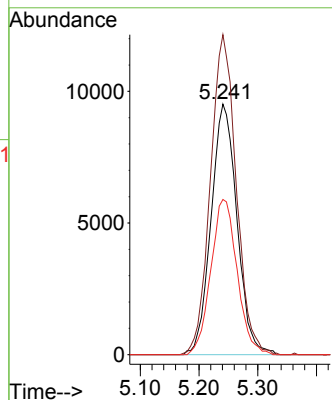
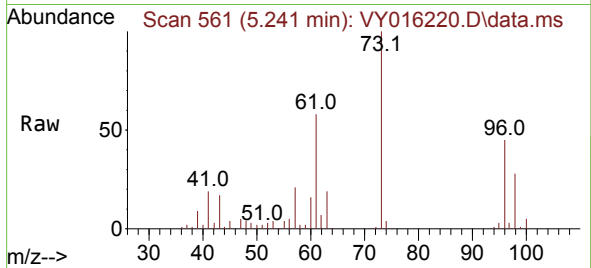




#21
trans-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

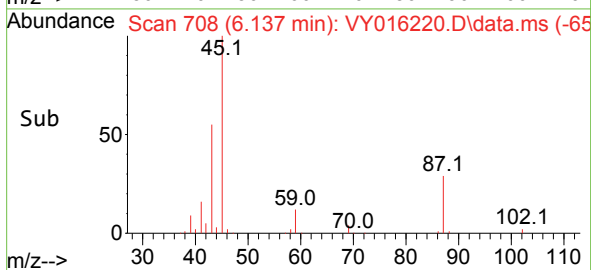
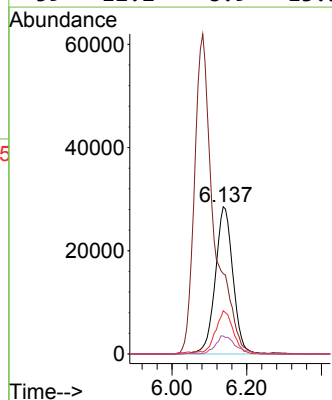
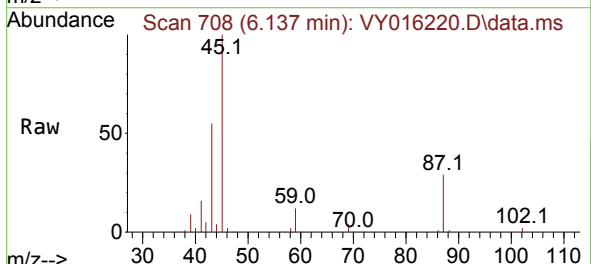
Instrument :
MSVOA_Y
ClientSampleId :

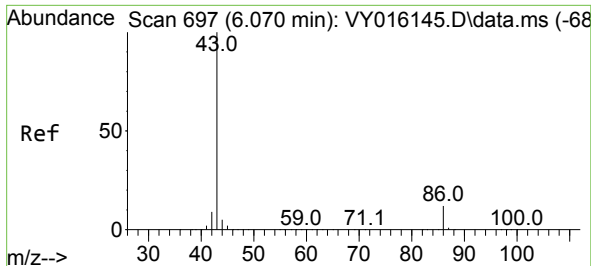
Tgt Ion: 96 Resp: 29143
Ion Ratio Lower Upper
96 100
61 127.7 110.2 165.4
98 61.9 51.8 77.6



#22
Diisopropyl ether
Concen: 21.328 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 45 Resp: 93547
Ion Ratio Lower Upper
45 100
43 53.9 52.2 78.4
87 29.4 21.0 31.6
59 12.2 8.9 13.3

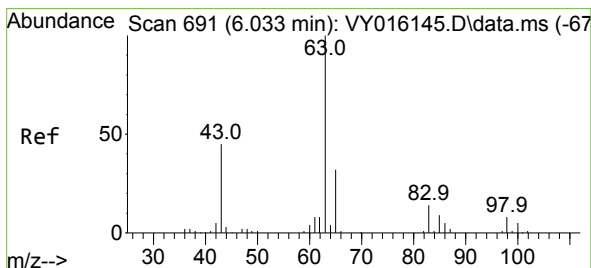
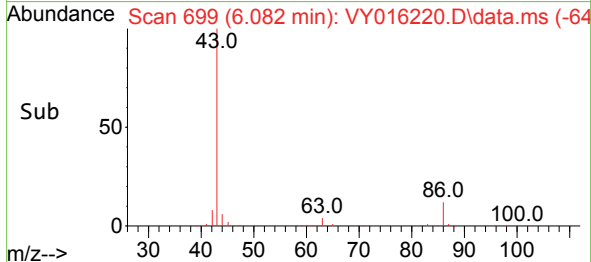
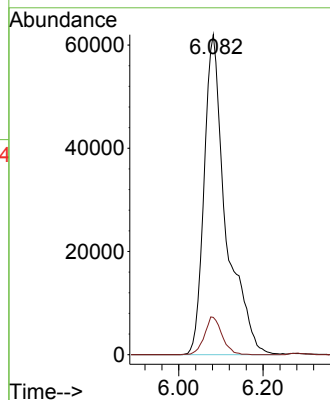
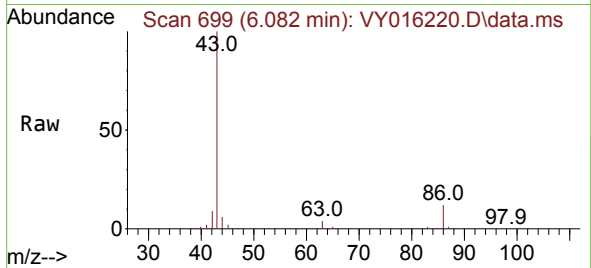




#23
 Vinyl Acetate
 Concen: 103.607 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

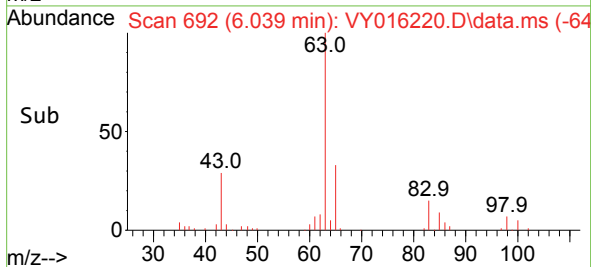
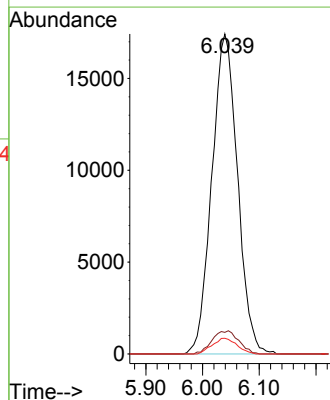
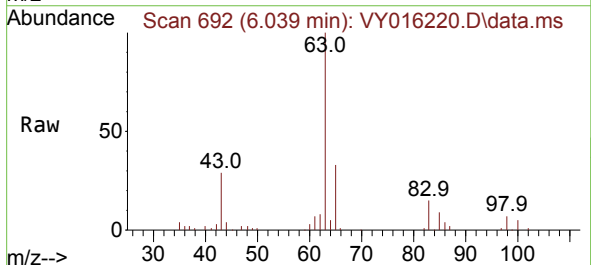
Instrument :
 MSVOA_Y
 ClientSampleId :

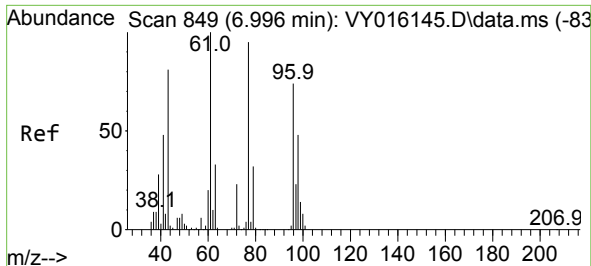
Tgt Ion: 43 Resp: 223118
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.850 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion: 63 Resp: 54733
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.9 1.8 5.5

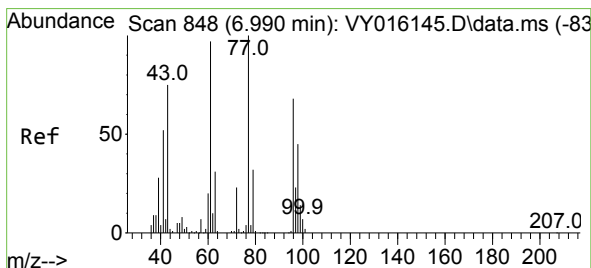
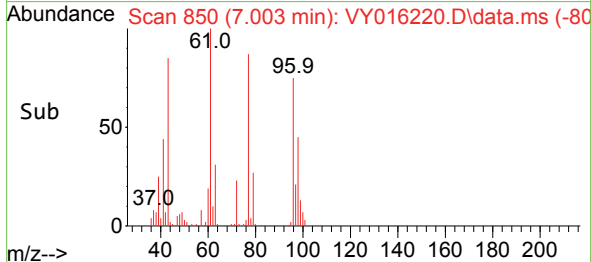
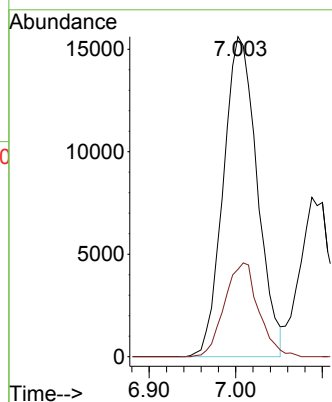
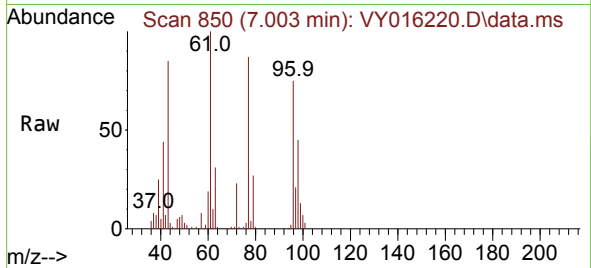




#25
2-Butanone
Concen: 102.688 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

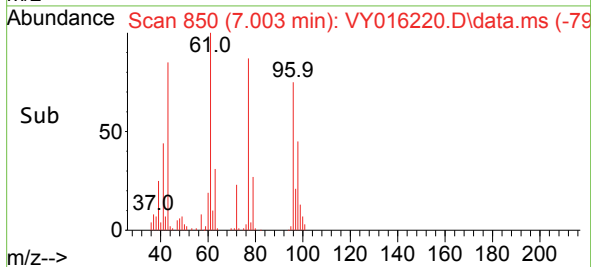
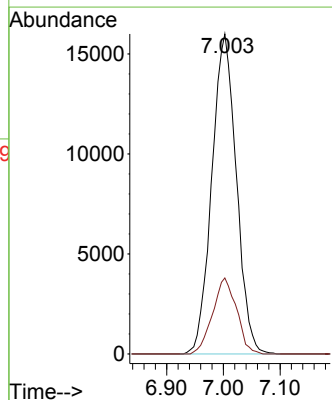
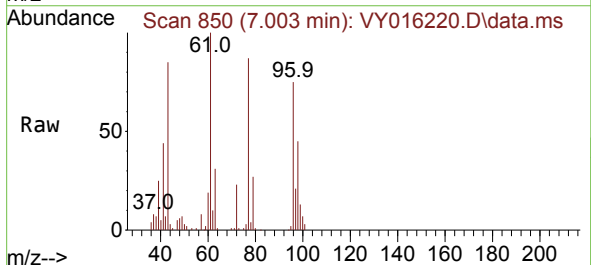
Instrument :
MSVOA_Y
ClientSampleId :

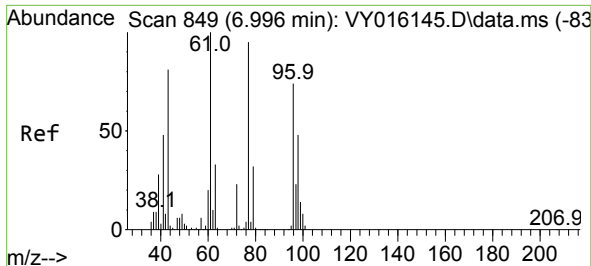
Tgt Ion: 43 Resp: 42474
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.379 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

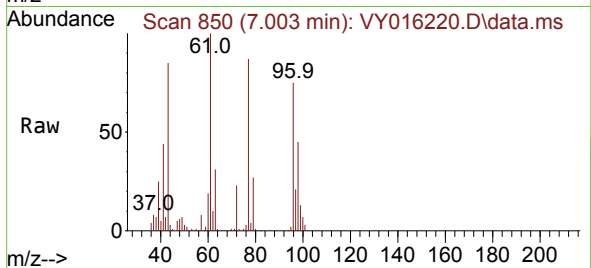
Tgt Ion: 77 Resp: 48089
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9



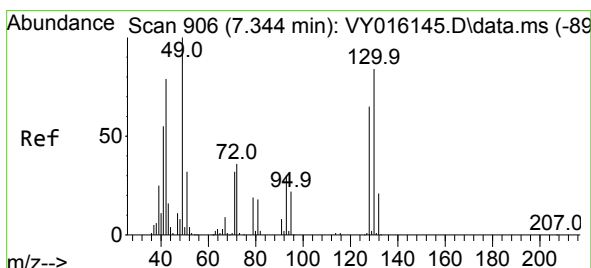
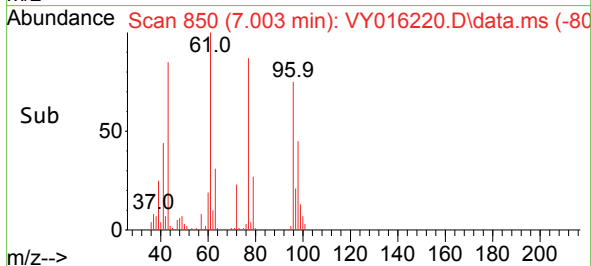
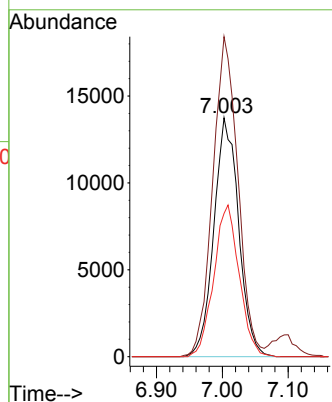


#27
 cis-1,2-Dichloroethene
 Concen: 20.742 ug/l
 RT: 7.003 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :

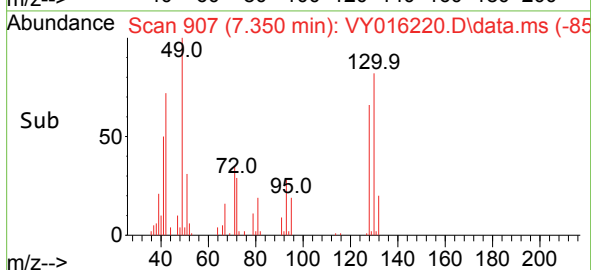
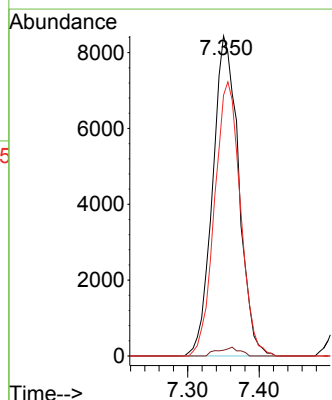
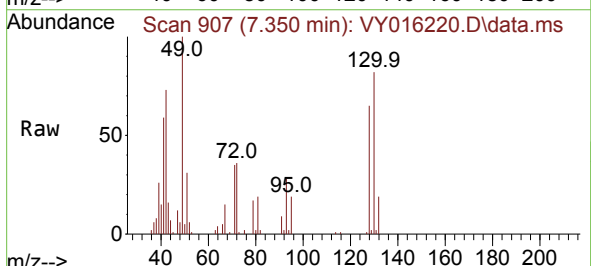


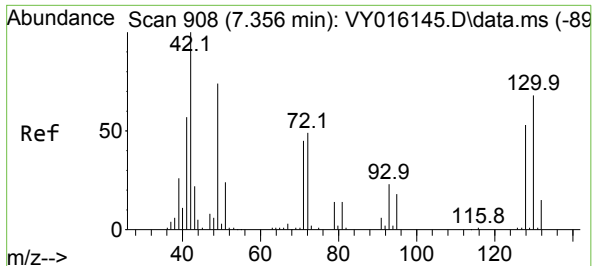
Tgt Ion: 96 Resp: 36048
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.679 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion: 49 Resp: 21295
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 110.840 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

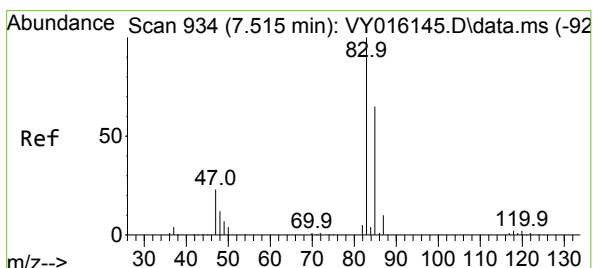
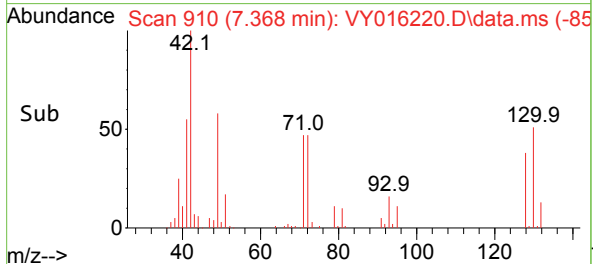
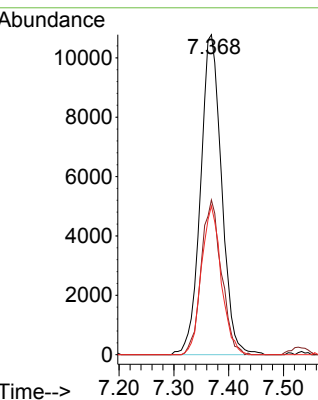
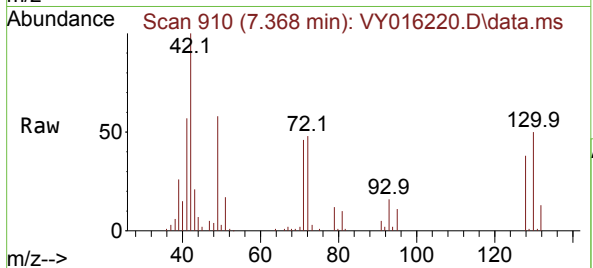
Tgt Ion: 42 Resp: 28739

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 21.786 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016220.D

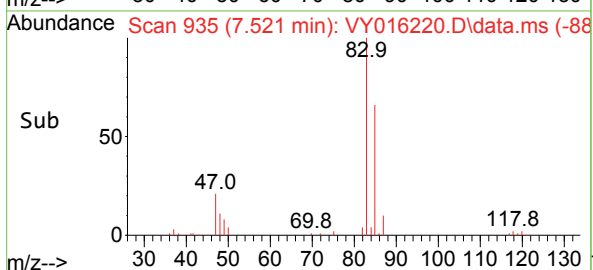
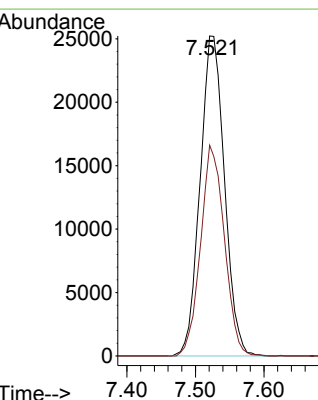
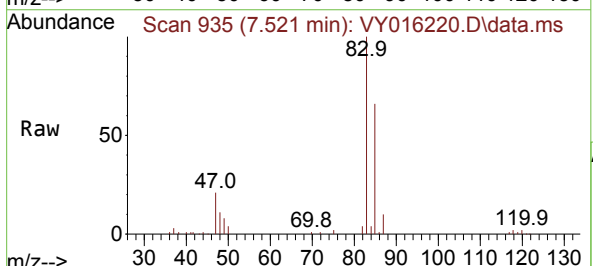
Acq: 03 Nov 2023 19:10

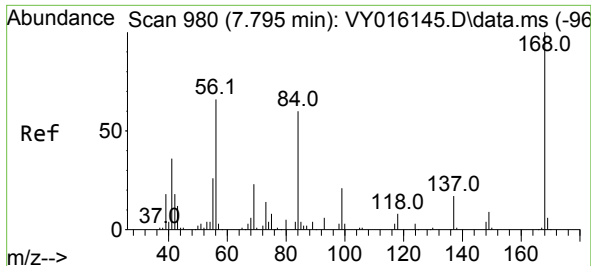
Tgt Ion: 83 Resp: 62262

Ion Ratio Lower Upper

83 100

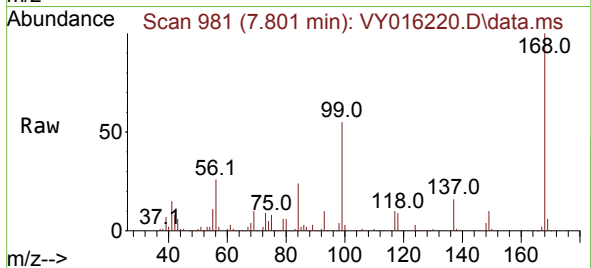
85 65.8 49.7 74.5



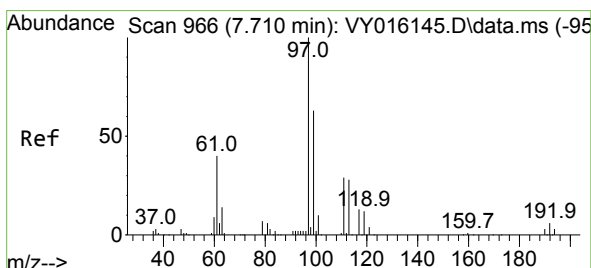
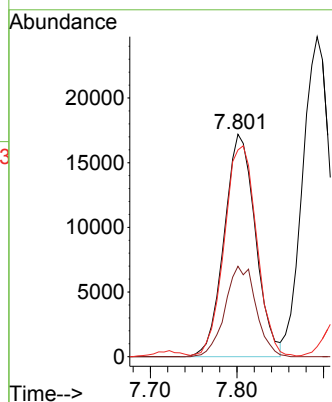
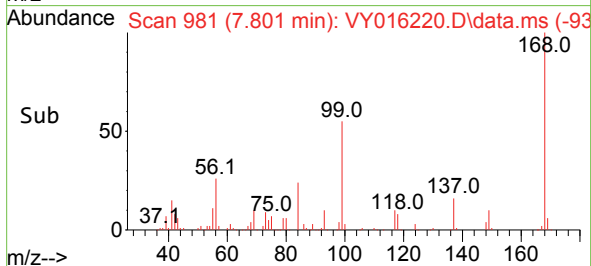


#31
Cyclohexane
Concen: 18.755 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

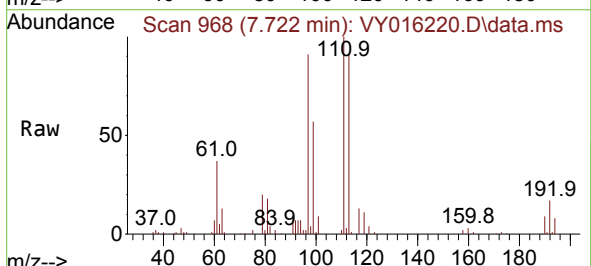
Instrument :
MSVOA_Y
ClientSampleId :



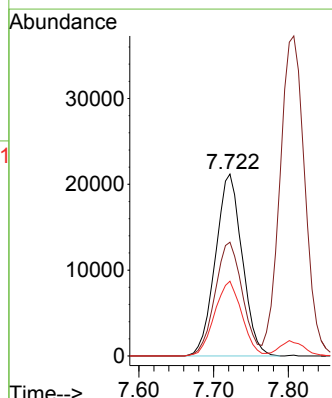
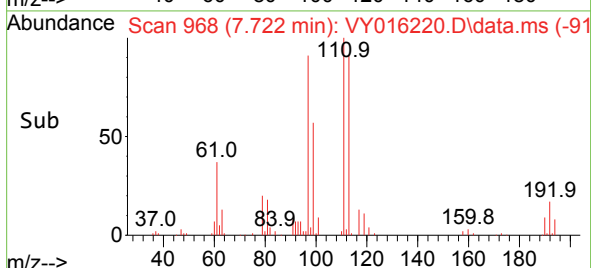
Tgt Ion: 56 Resp: 43224
Ion Ratio Lower Upper
56 100
69 40.6 27.8 41.6
84 91.2 66.4 99.6

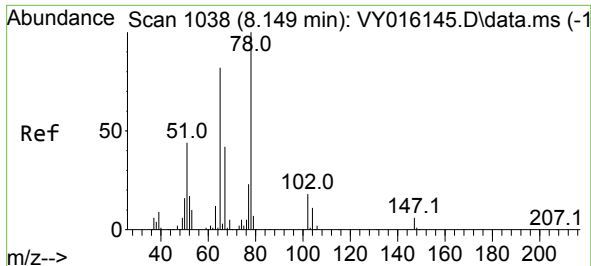


#32
1,1,1-Trichloroethane
Concen: 20.134 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 97 Resp: 52770
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.0 35.1 52.7

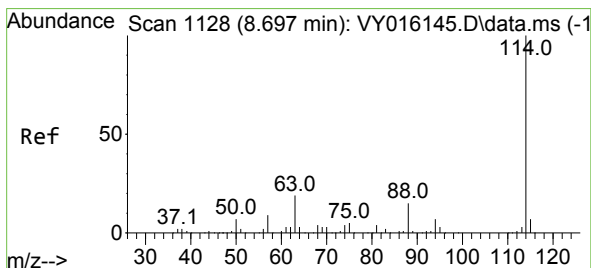
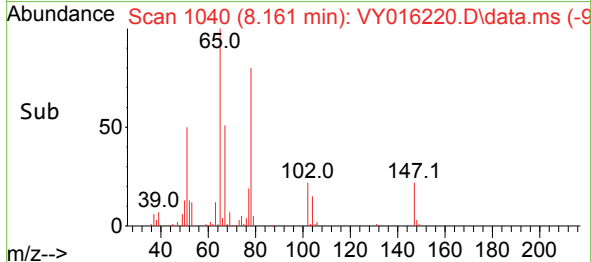
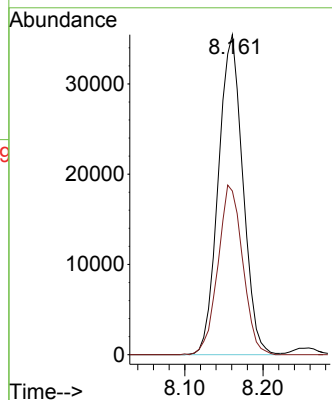
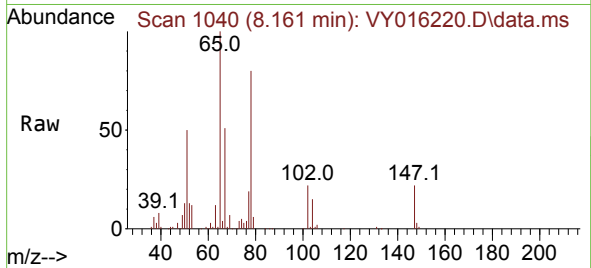




#33
1,2-Dichloroethane-d4
Concen: 51.408 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

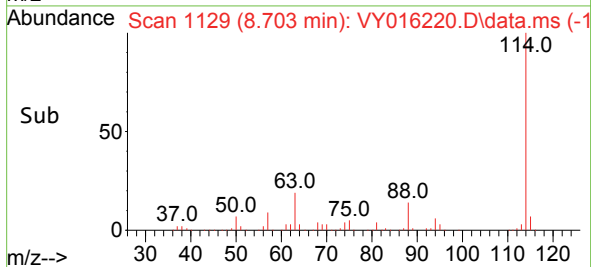
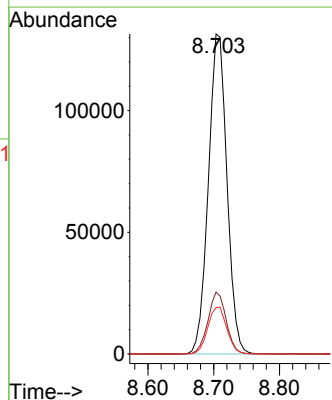
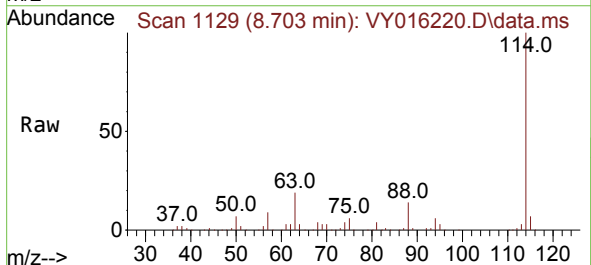
Instrument :
MSVOA_Y
ClientSampleId :

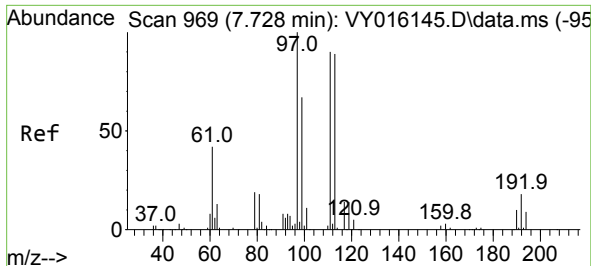
Tgt Ion: 65 Resp: 77072
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 114 Resp: 258644
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.5 0.0 30.6

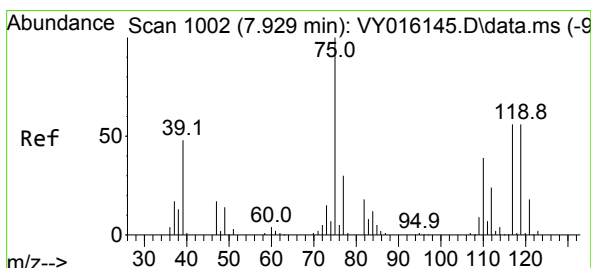
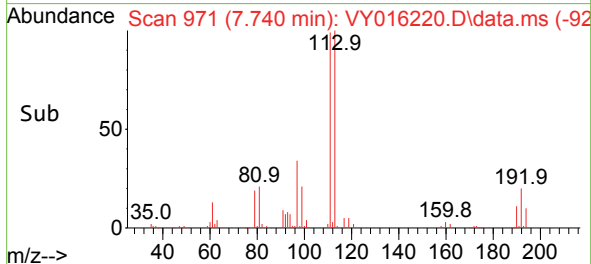
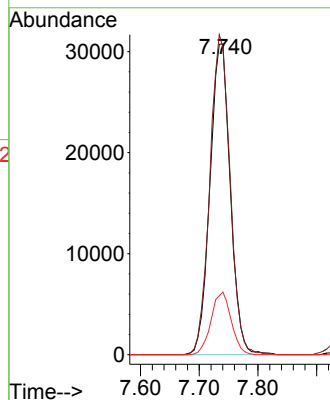
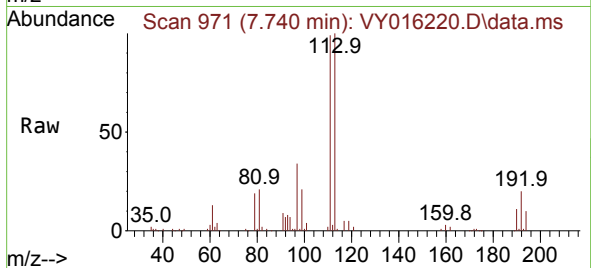




#35
Dibromofluoromethane
Concen: 47.916 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

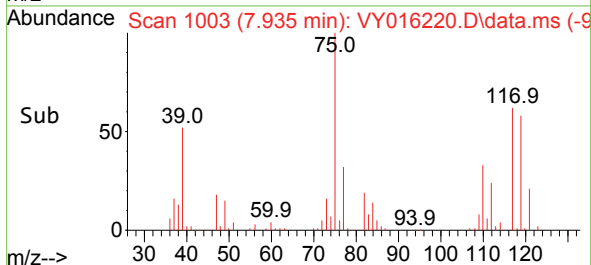
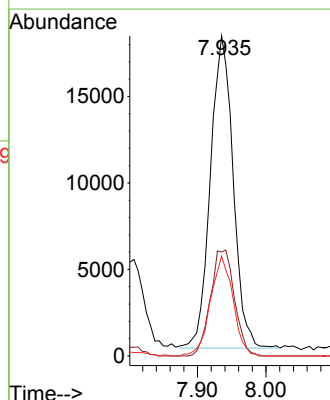
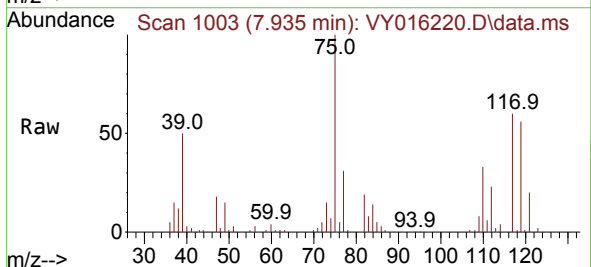
Instrument :
MSVOA_Y
ClientSampleId :

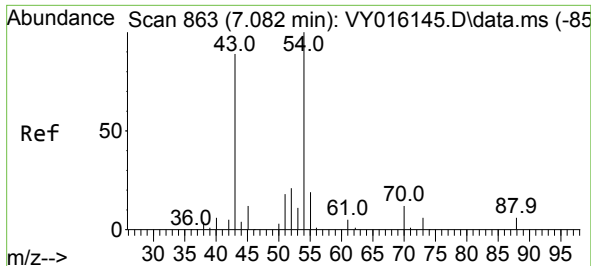
Tgt Ion:113 Resp: 73884
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.672 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 75 Resp: 41575
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 20.725 ug/l

RT: 7.088 min Scan# 80

Delta R.T. 0.006 min

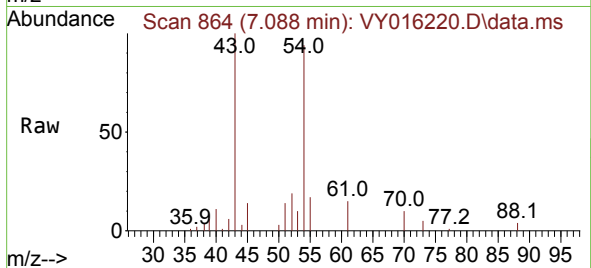
Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :



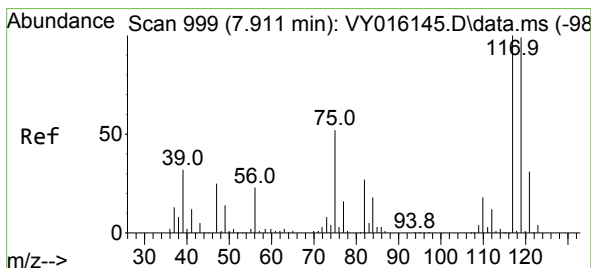
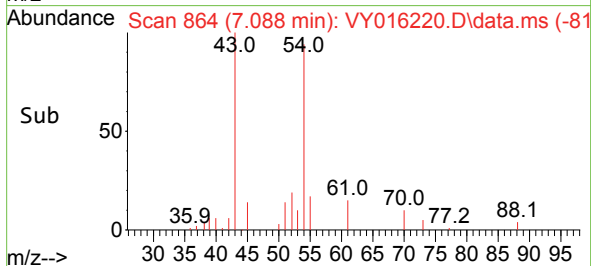
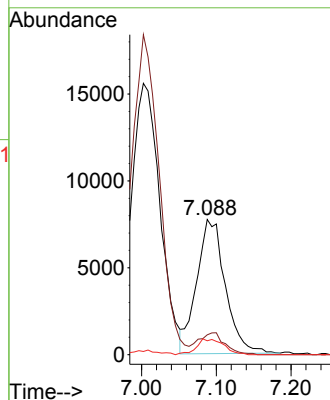
Tgt Ion: 43 Resp: 20553

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1#

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 21.265 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

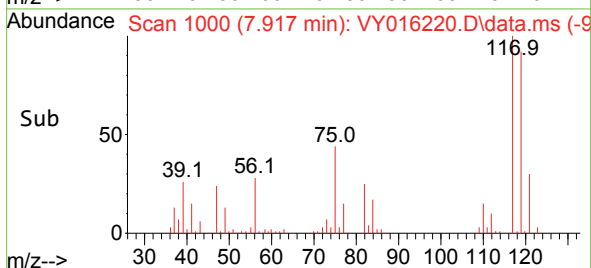
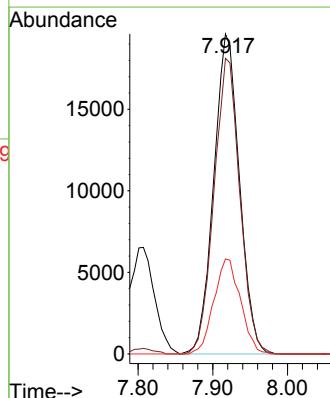
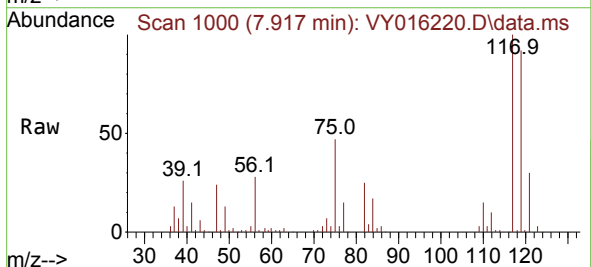
Tgt Ion: 117 Resp: 46908

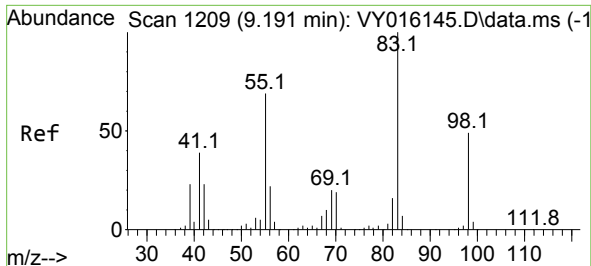
Ion Ratio Lower Upper

117 100

119 92.4 76.4 114.6

121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 18.580 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

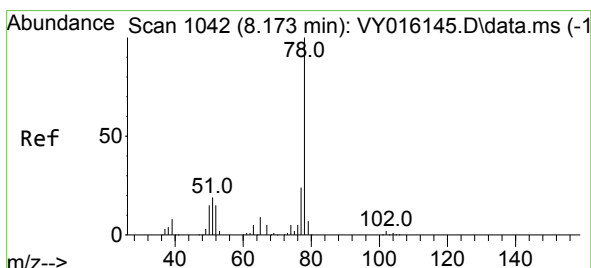
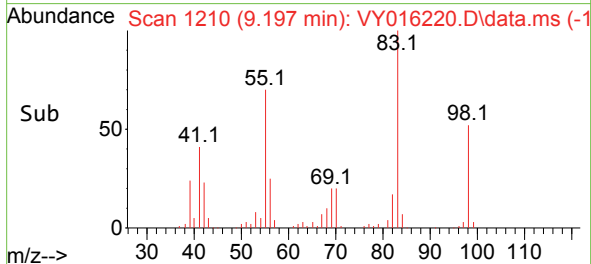
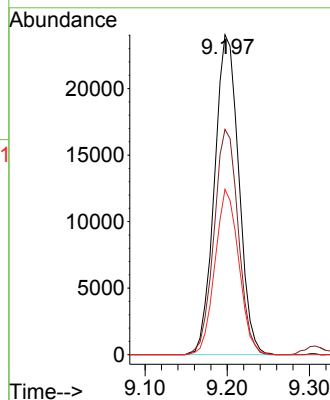
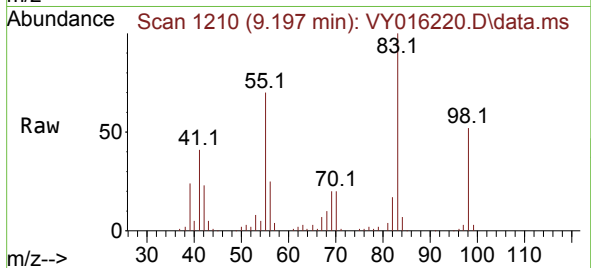
Tgt Ion: 83 Resp: 49381

Ion Ratio Lower Upper

83 100

55 70.4 63.0 94.4

98 51.6 37.4 56.2



#40

Benzene

Concen: 19.436 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016220.D

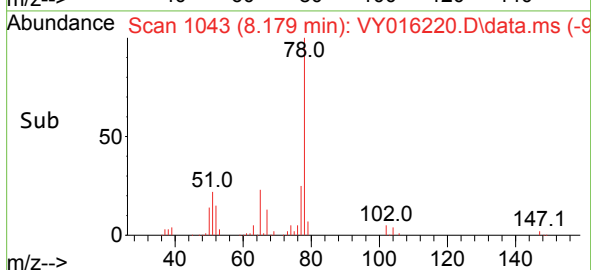
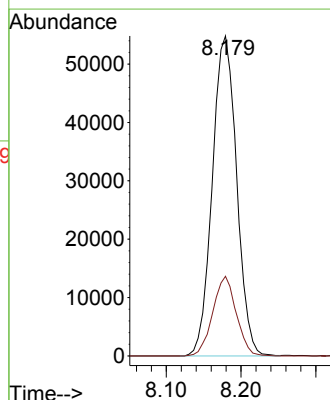
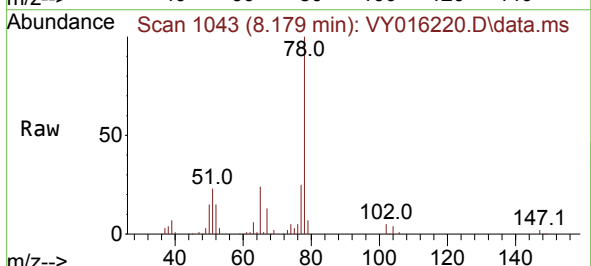
Acq: 03 Nov 2023 19:10

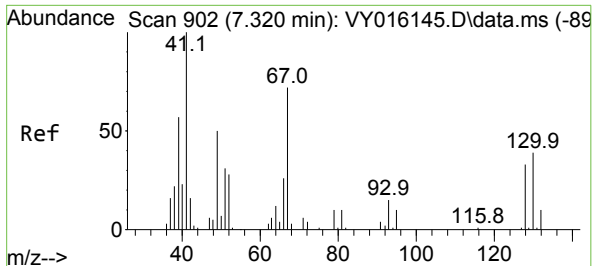
Tgt Ion: 78 Resp: 124242

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.6

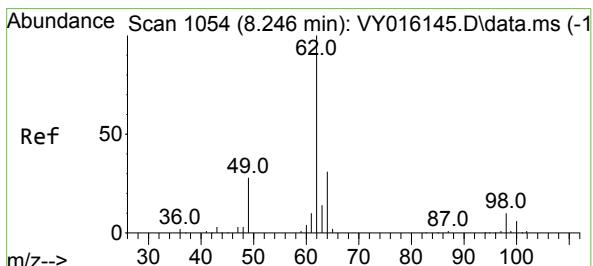
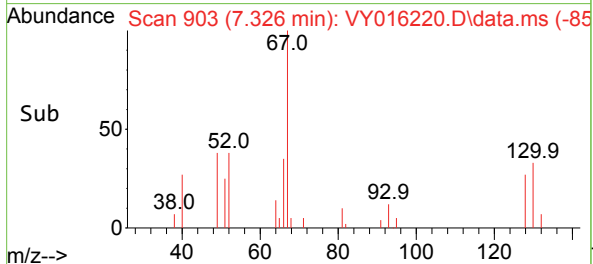
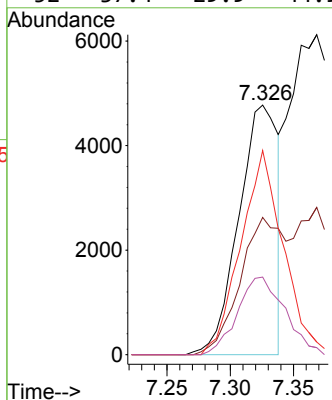
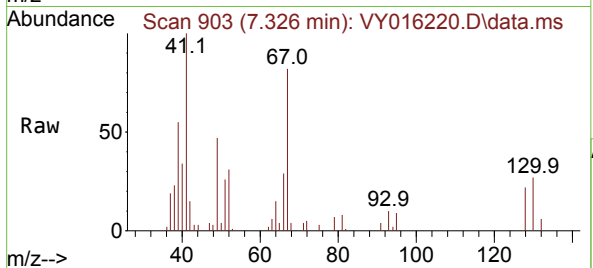




#41
Methacrylonitrile
Concen: 17.931 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

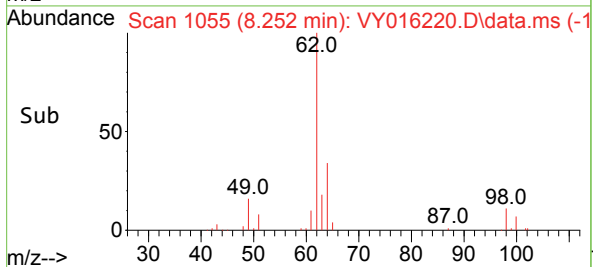
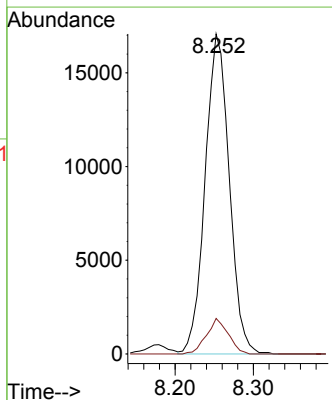
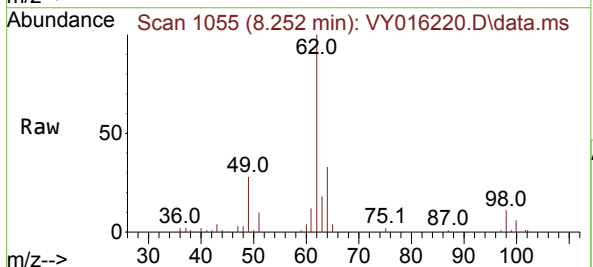
Instrument :
MSVOA_Y
ClientSampleId :

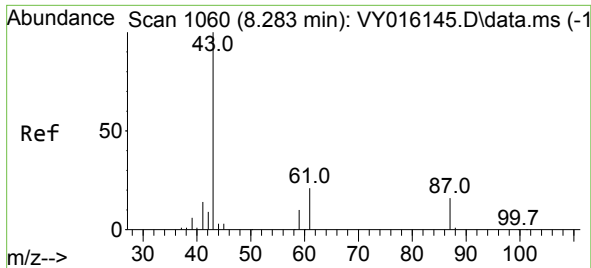
Tgt Ion: 41	Resp: 10322
Ion Ratio	Lower Upper
41 100	
39 61.4	52.1 78.1
67 88.6	66.2 99.2
52 37.4	29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.488 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 62	Resp: 36547
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 15.8

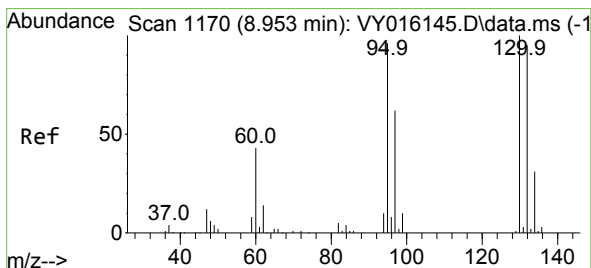
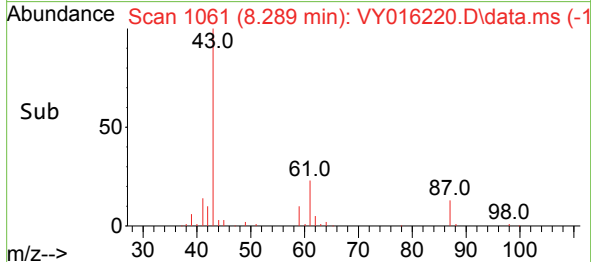
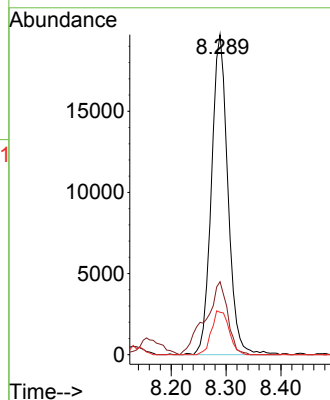
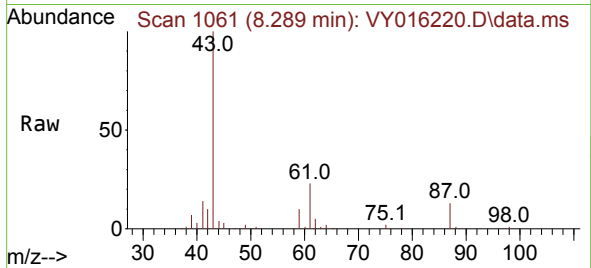




#43
Isopropyl Acetate
Concen: 20.873 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

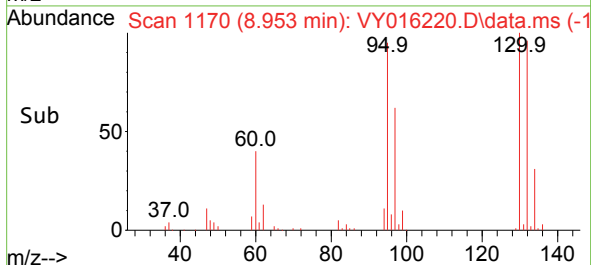
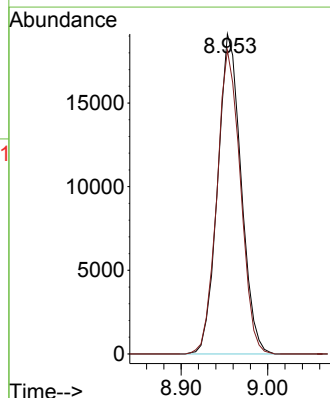
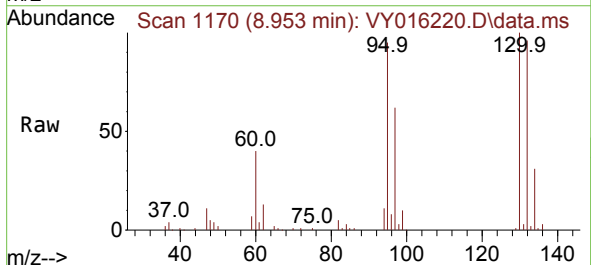
Instrument :
MSVOA_Y
ClientSampleId :

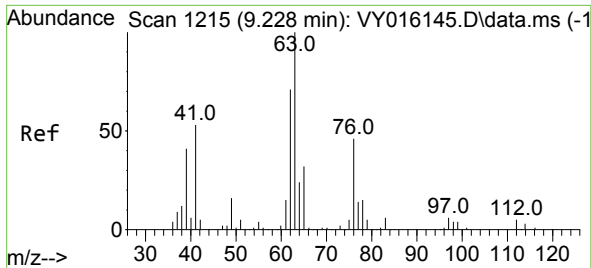
Tgt Ion: 43 Resp: 40945
Ion Ratio Lower Upper
43 100
61 31.0 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 19.249 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:130 Resp: 36008
Ion Ratio Lower Upper
130 100
95 94.9 0.0 196.0

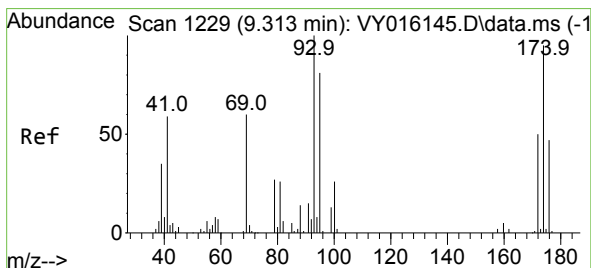
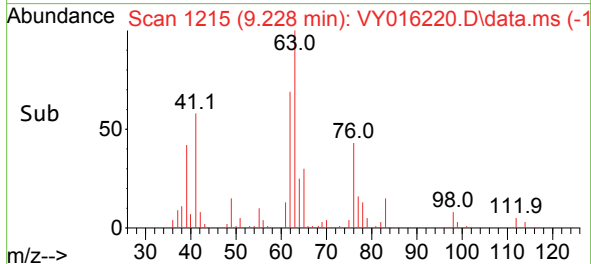
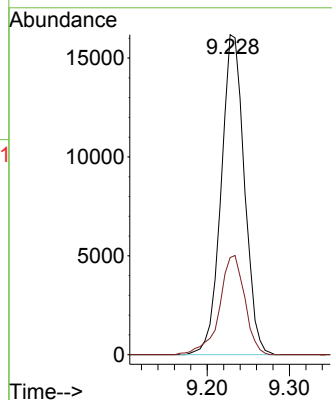
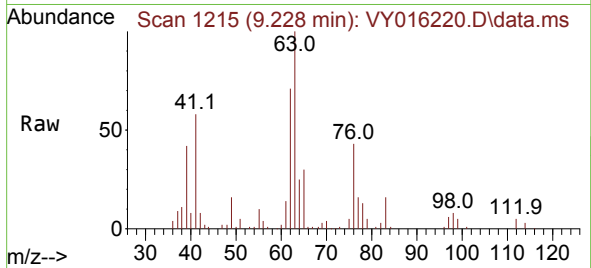




#45
1,2-Dichloropropane
Concen: 20.711 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

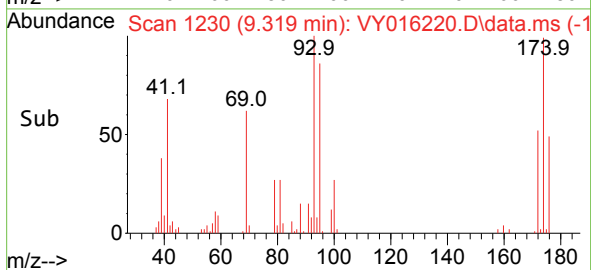
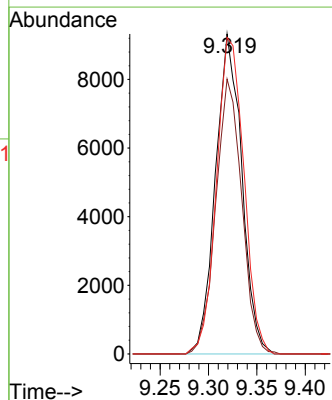
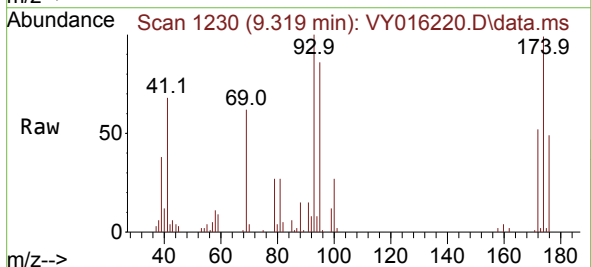
Instrument :
MSVOA_Y
ClientSampleId :

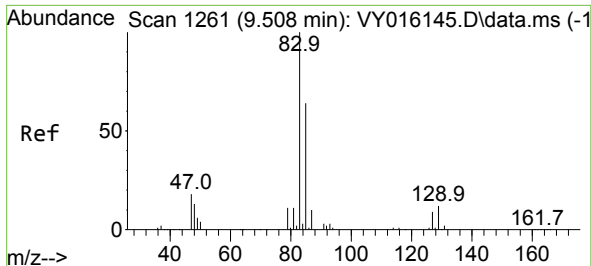
Tgt Ion: 63 Resp: 31848
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6



#46
Dibromomethane
Concen: 20.154 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 93 Resp: 17581
Ion Ratio Lower Upper
93 100
95 84.9 66.6 100.0
174 103.0 84.8 127.2

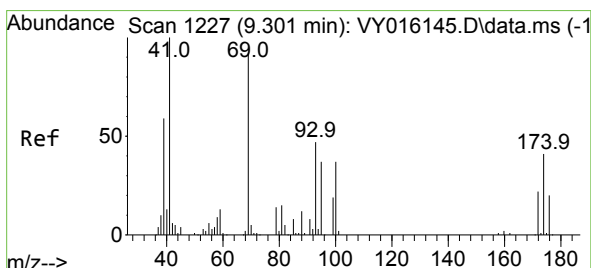
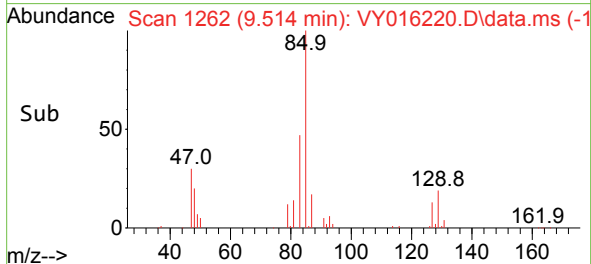
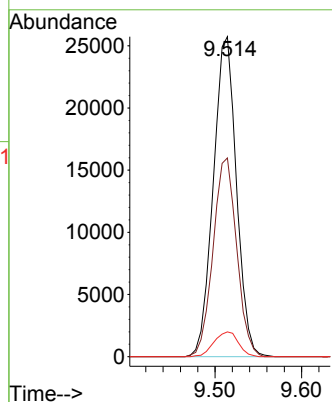
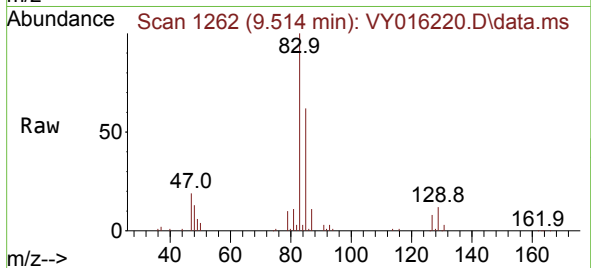




#47
Bromodichloromethane
Concen: 21.502 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

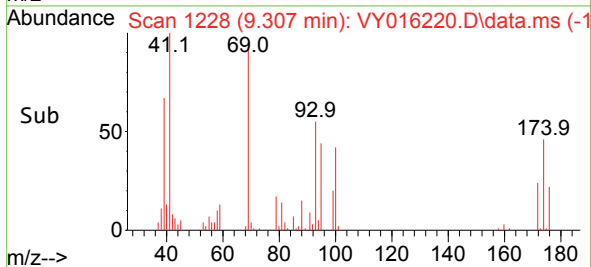
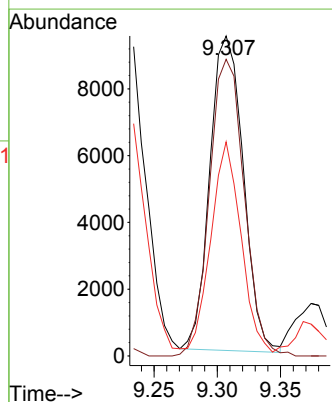
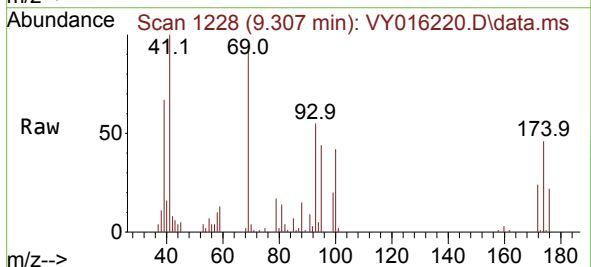
Instrument :
MSVOA_Y
ClientSampleId :

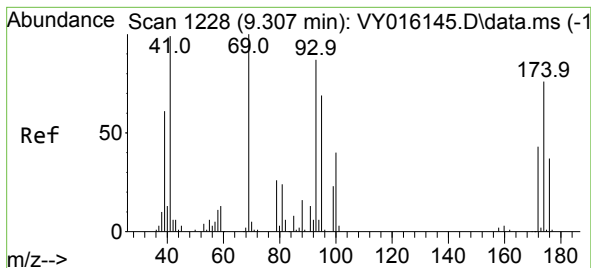
Tgt Ion: 83 Resp: 47657
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 19.446 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 41 Resp: 17346
Ion Ratio Lower Upper
41 100
69 98.1 64.5 96.7#
39 62.5 50.8 76.2





#49

1,4-Dioxane

Concen: 288.605 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

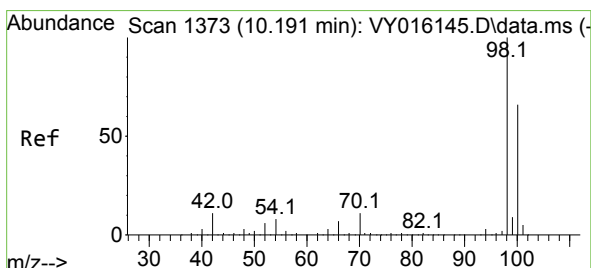
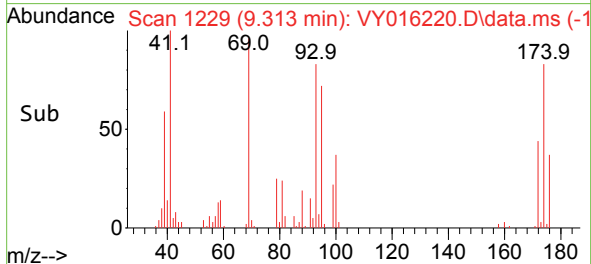
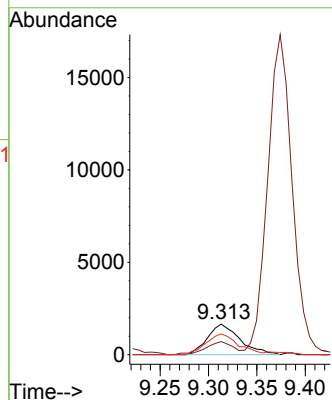
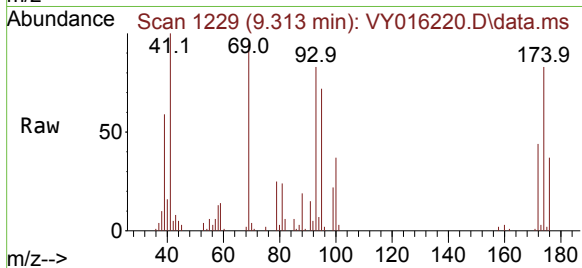
Tgt Ion: 88 Resp: 3852

Ion Ratio Lower Upper

88 100

43 35.4 0.0 0.0#

58 67.4 30.9 46.3#



#50

Toluene-d8

Concen: 49.158 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016220.D

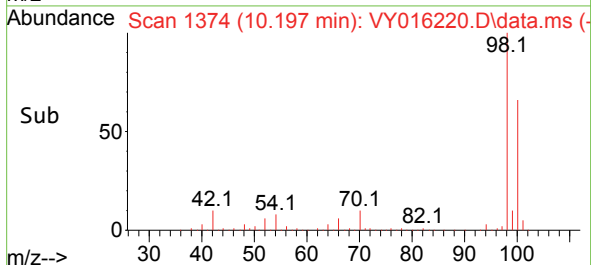
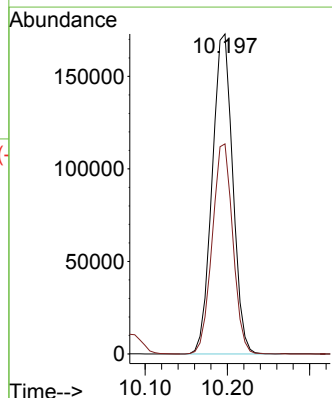
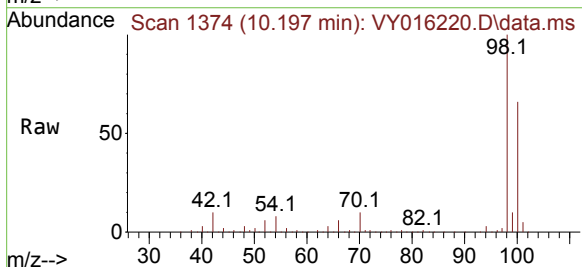
Acq: 03 Nov 2023 19:10

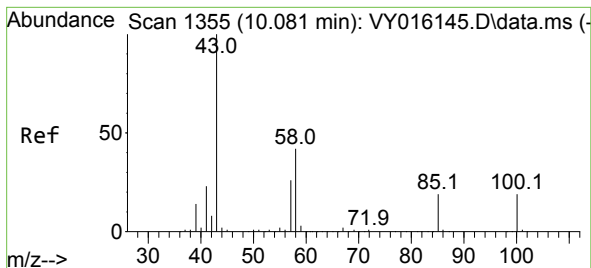
Tgt Ion: 98 Resp: 300528

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

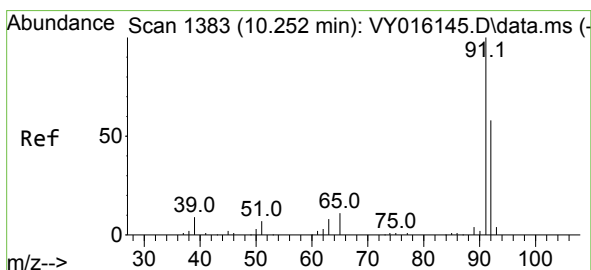
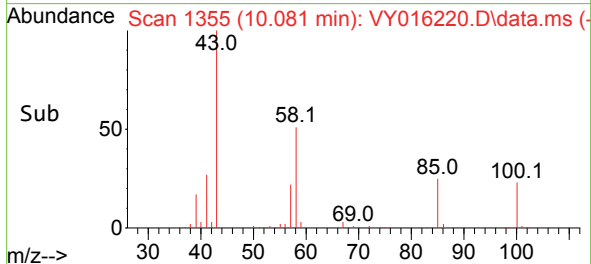
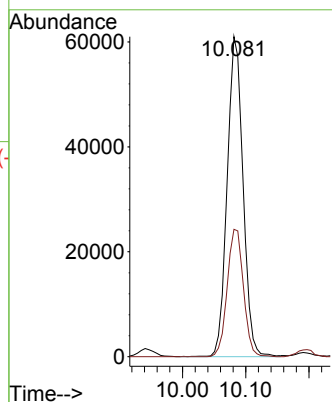
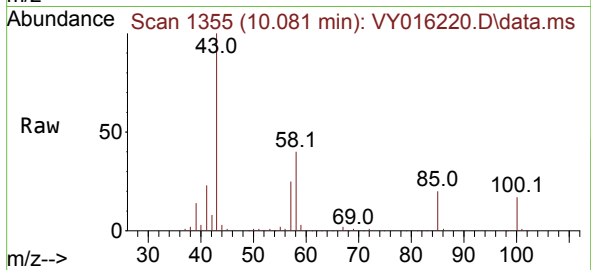




#51
4-Methyl-2-Pentanone
Concen: 108.551 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

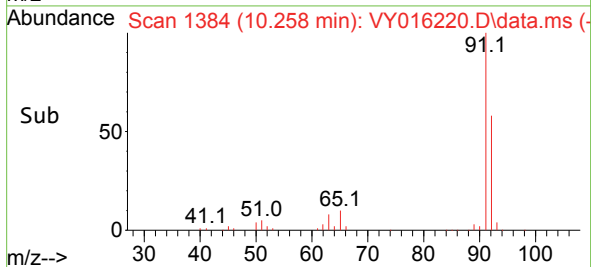
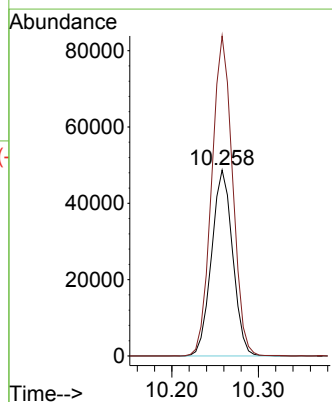
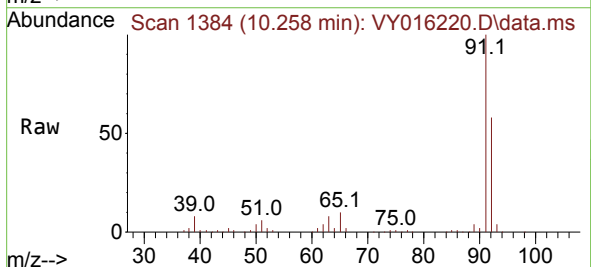
Instrument :
MSVOA_Y
ClientSampleId :

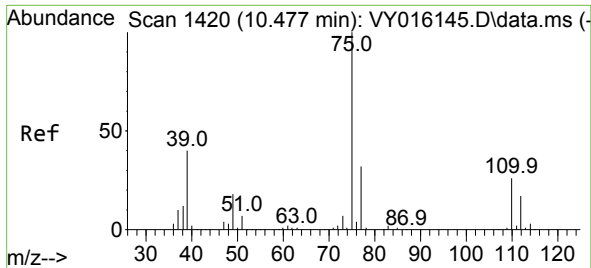
Tgt Ion: 43 Resp: 106250
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6



#52
Toluene
Concen: 19.900 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 92 Resp: 82428
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6

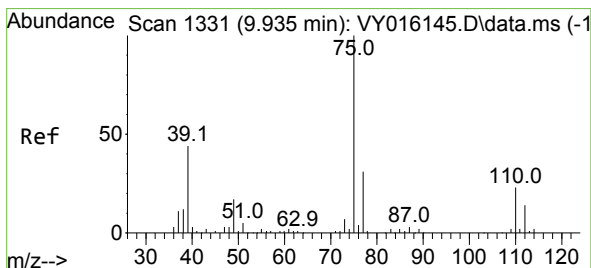
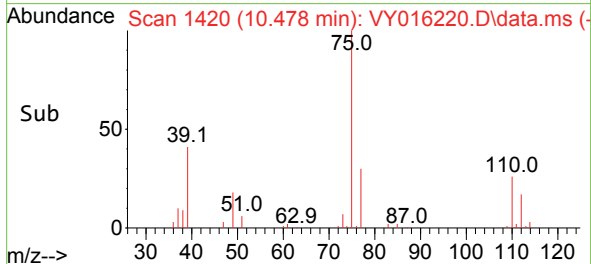
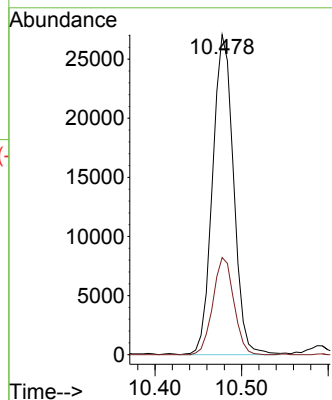
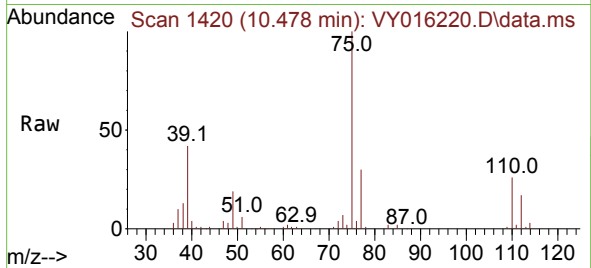




#53
 t-1,3-Dichloropropene
 Concen: 20.580 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

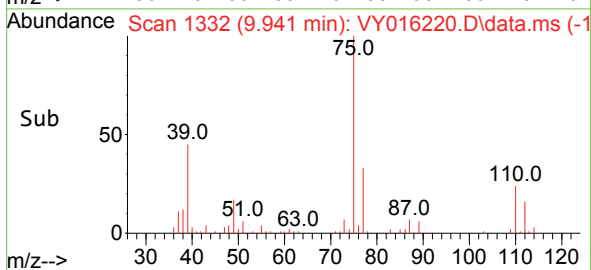
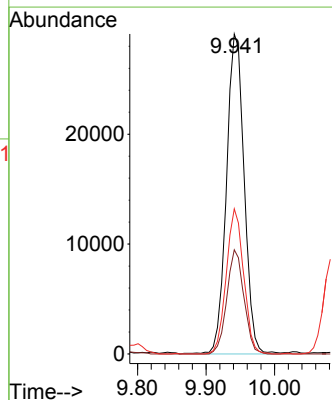
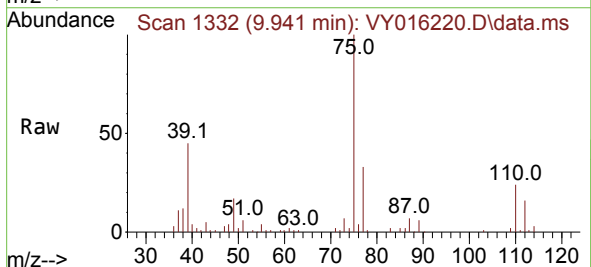
Instrument :
 MSVOA_Y
 ClientSampleId :

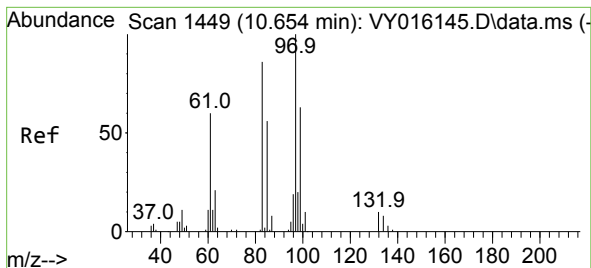
Tgt Ion: 75 Resp: 45534
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.084 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016220.D
 Acq: 03 Nov 2023 19:10

Tgt Ion: 75 Resp: 52141
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 45.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.160 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25964

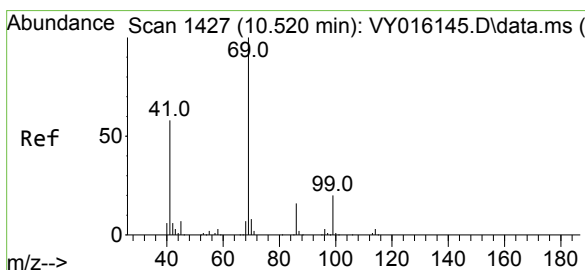
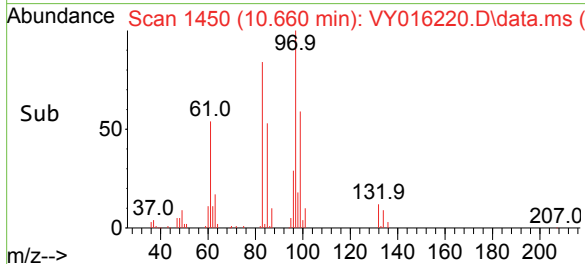
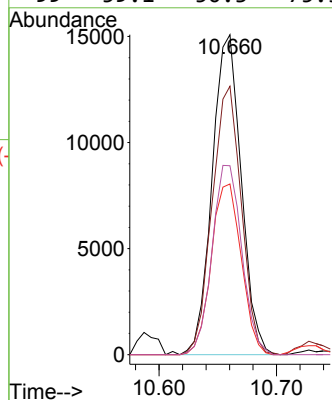
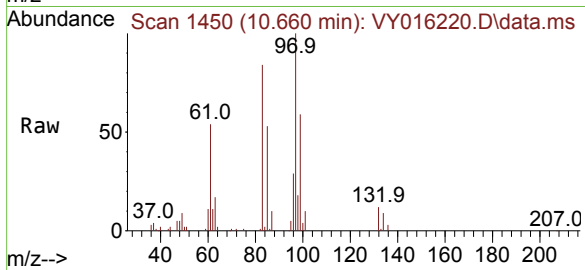
Ion Ratio Lower Upper

97 100

83 83.9 72.0 108.0

85 53.3 45.4 68.0

99 59.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.366 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

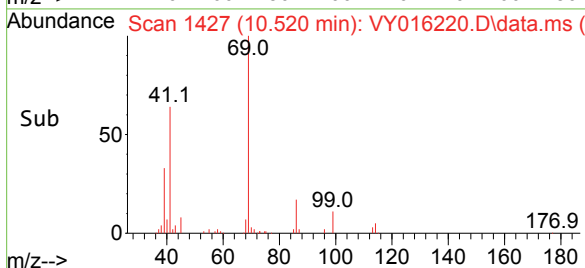
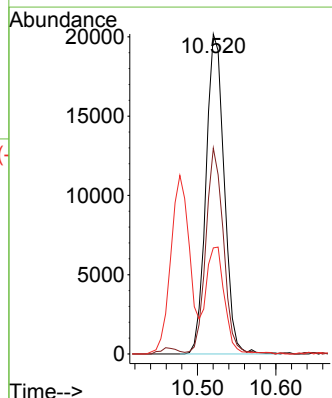
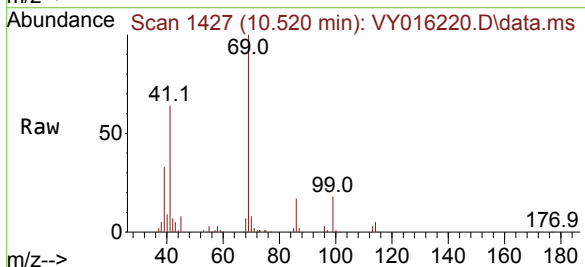
Tgt Ion: 69 Resp: 32454

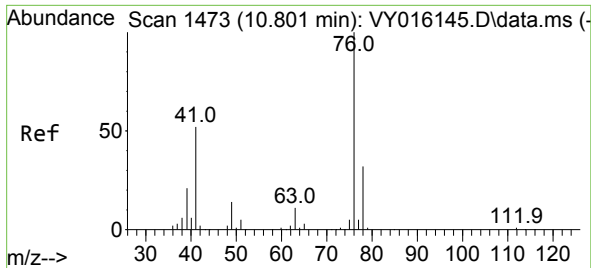
Ion Ratio Lower Upper

69 100

41 62.8 57.6 86.4

39 34.1 34.1 51.1#

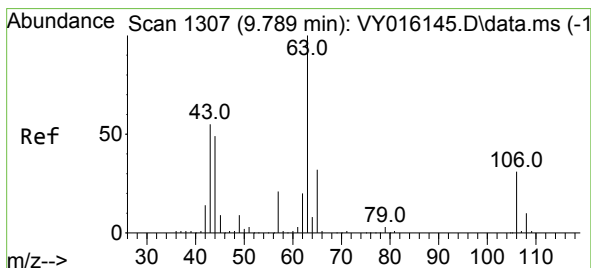
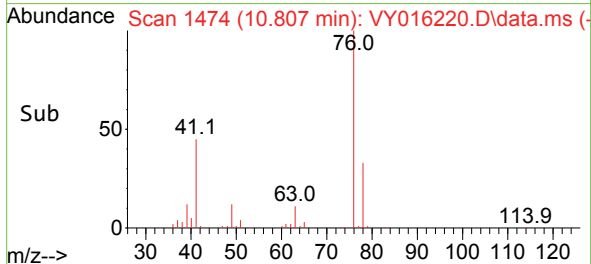
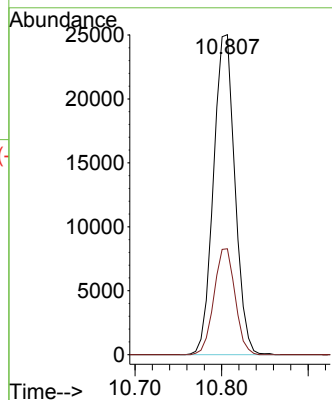
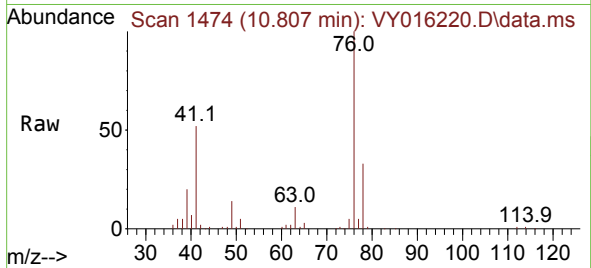




#57
1,3-Dichloropropane
Concen: 20.600 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

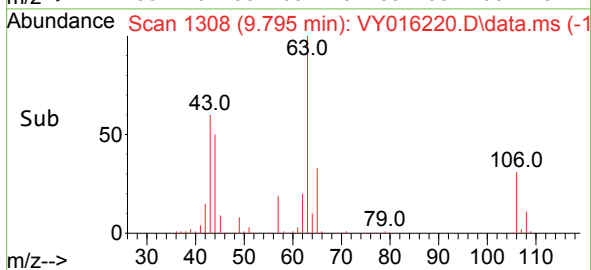
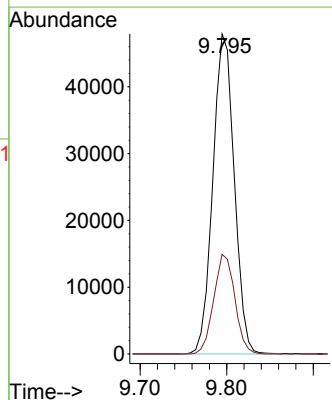
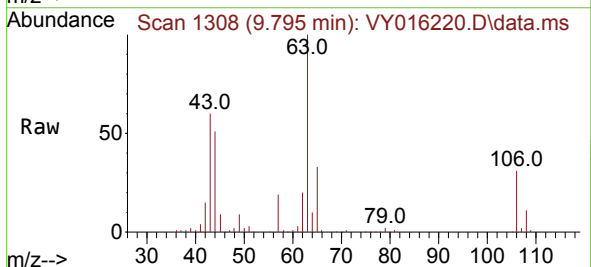
Instrument :
MSVOA_Y
ClientSampleId :

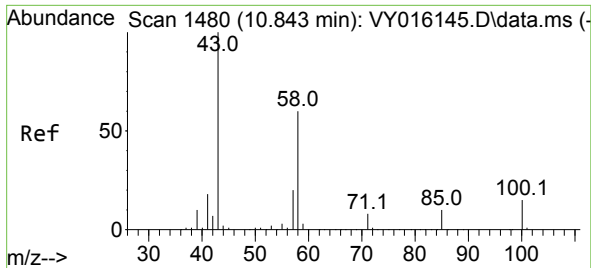
Tgt Ion: 76 Resp: 43031
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 106.297 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 63 Resp: 82138
Ion Ratio Lower Upper
63 100
106 30.7 21.2 31.8

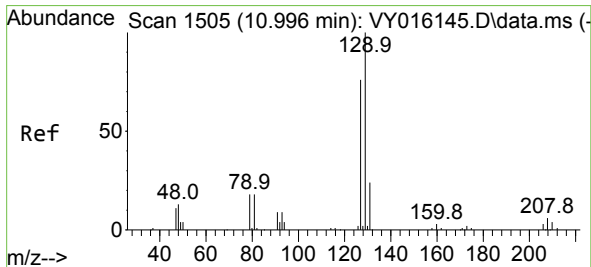
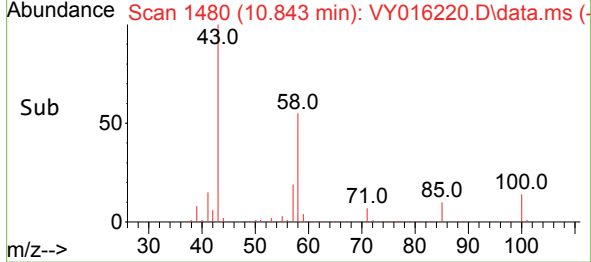
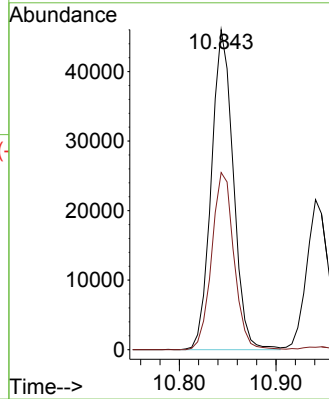
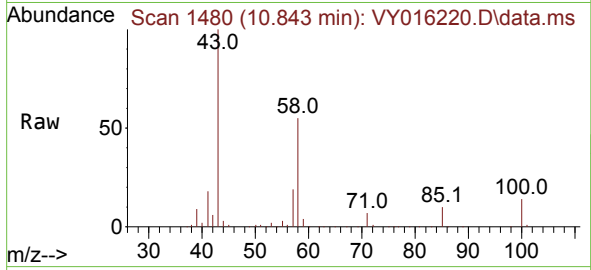




#59
2-Hexanone
Concen: 108.267 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

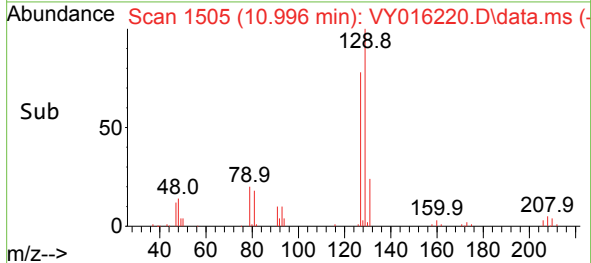
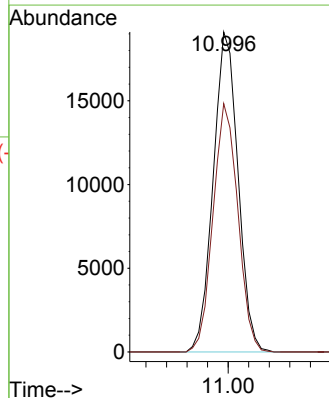
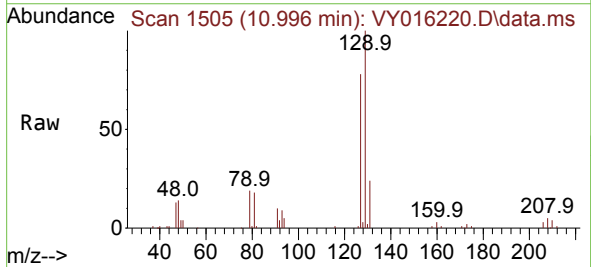
Instrument :
MSVOA_Y
ClientSampleId :

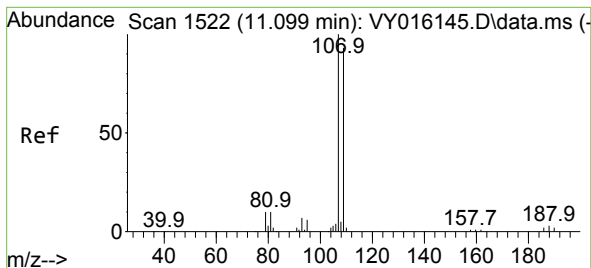
Tgt Ion: 43 Resp: 72619
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 20.828 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 129 Resp: 32062
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

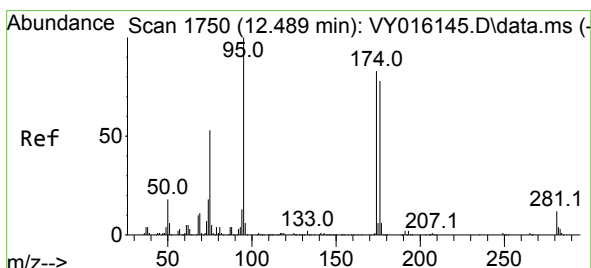
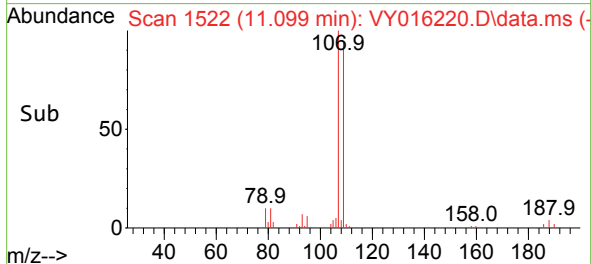
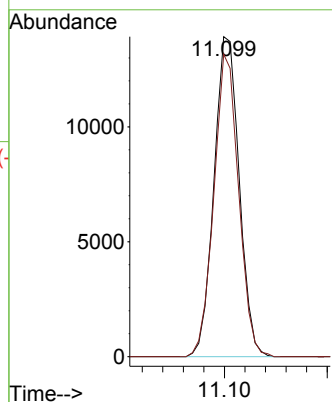
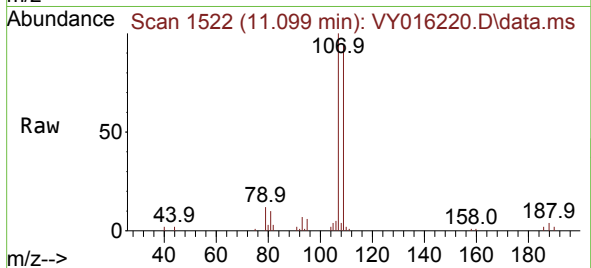




#61
1,2-Dibromoethane
Concen: 20.281 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

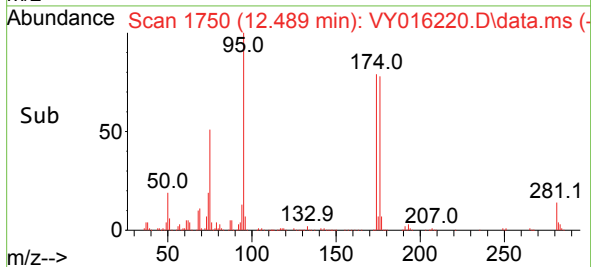
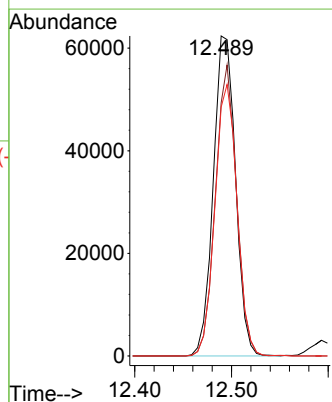
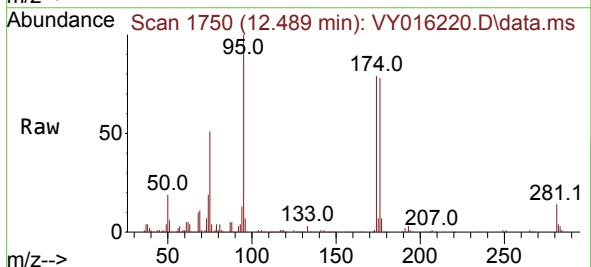
Instrument :
MSVOA_Y
ClientSampleId :

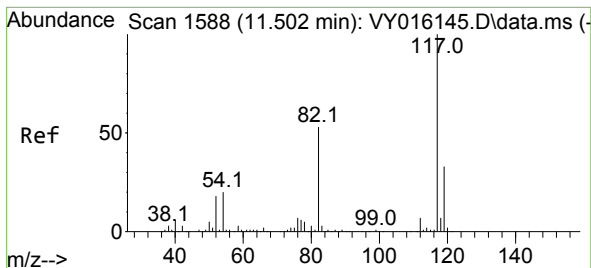
Tgt Ion:107 Resp: 23670
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 95 Resp: 99478
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

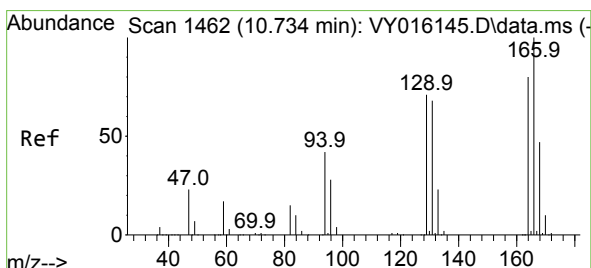
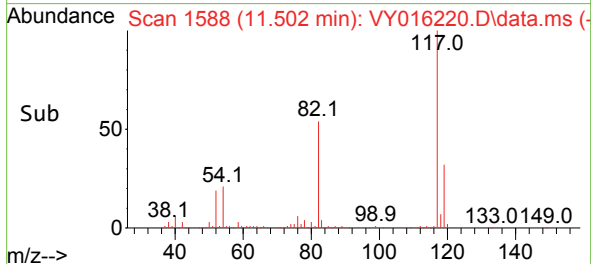
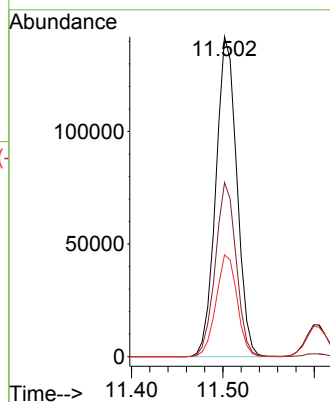
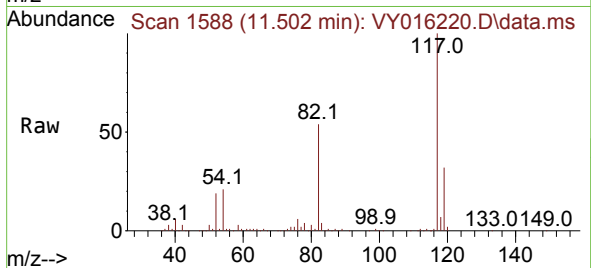
Tgt Ion:117 Resp: 227015

Ion Ratio Lower Upper

117 100

82 54.4 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 18.776 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:164 Resp: 37913

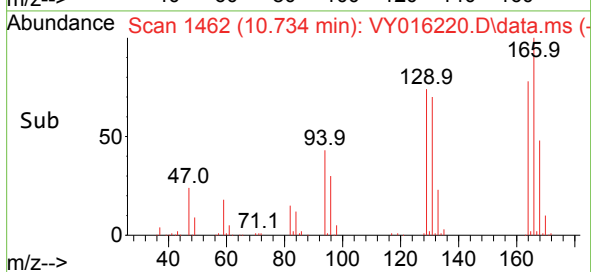
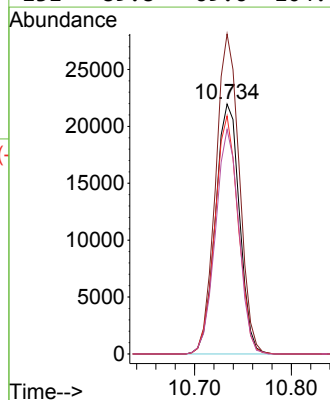
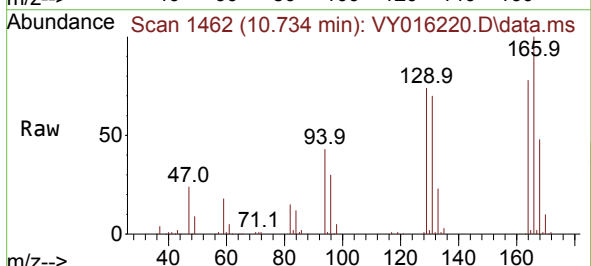
Ion Ratio Lower Upper

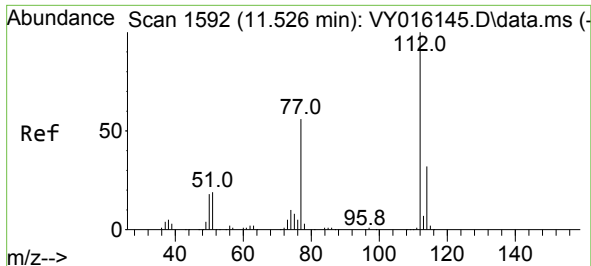
164 100

166 128.0 103.0 154.6

129 95.3 77.2 115.8

131 89.8 69.6 104.4

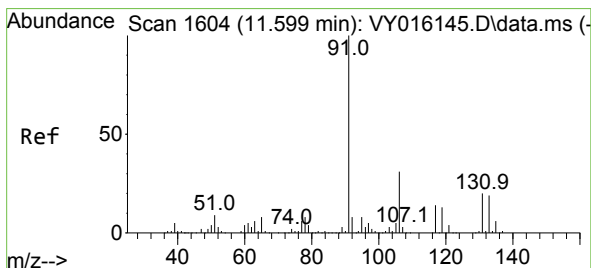
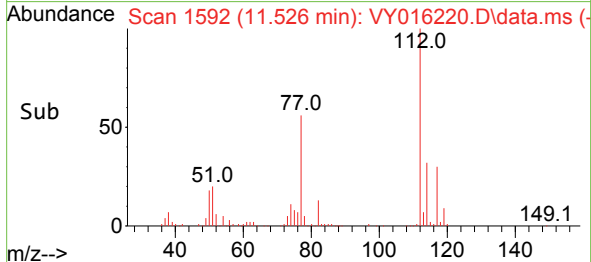
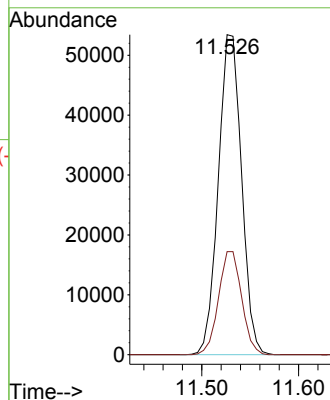
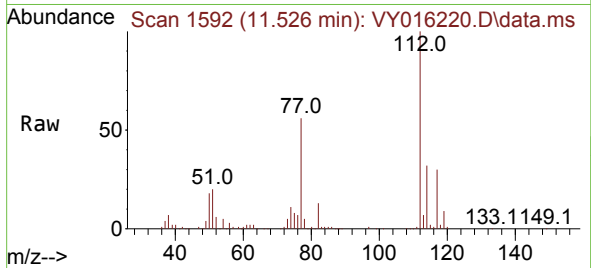




#65
Chlorobenzene
Concen: 19.757 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

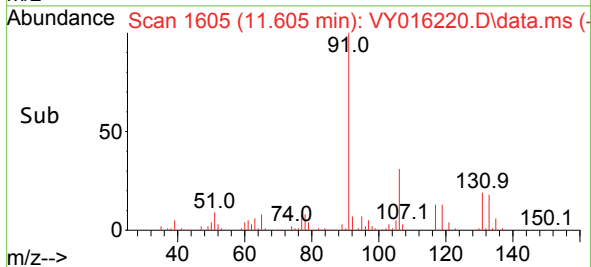
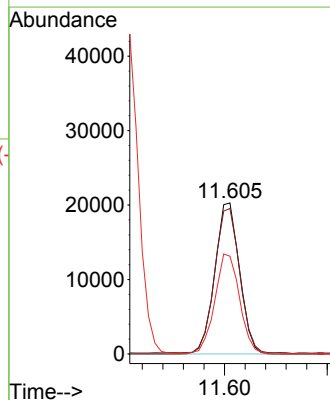
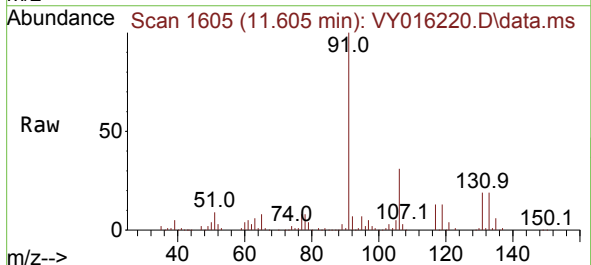
Instrument :
MSVOA_Y
ClientSampleId :

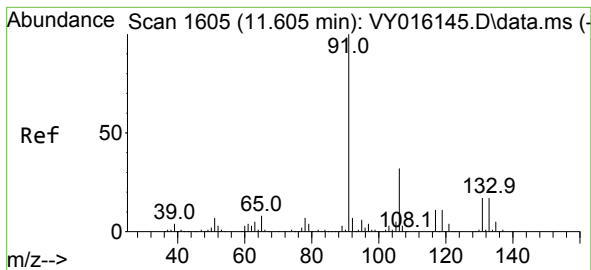
Tgt Ion:112 Resp: 89109
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.260 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:131 Resp: 33846
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 66.4 31.6 94.7





#67

Ethyl Benzene

Concen: 19.573 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

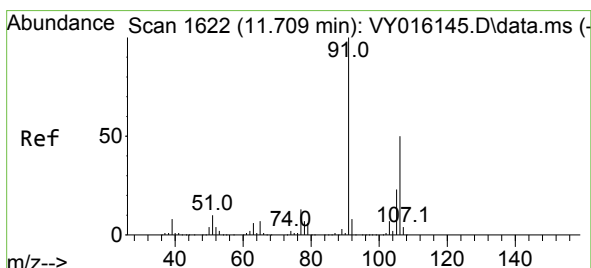
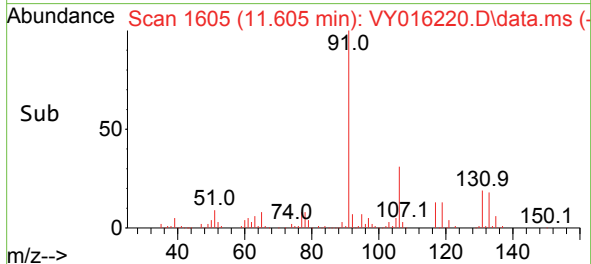
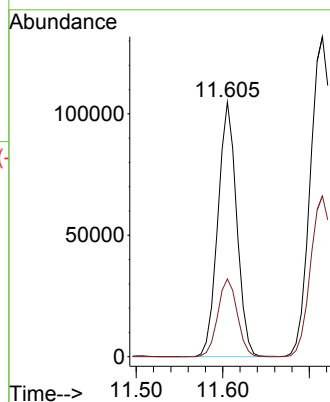
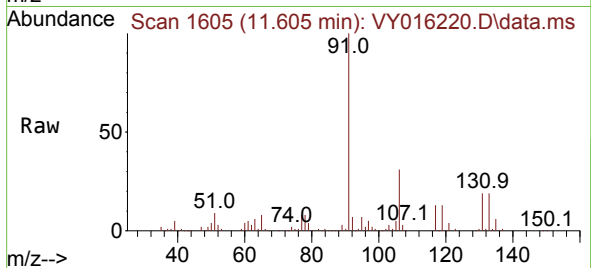
ClientSampleId :

Tgt Ion: 91 Resp: 157898

Ion Ratio Lower Upper

91 100

106 30.5 24.6 36.8



#68

m/p-Xylenes

Concen: 38.803 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016220.D

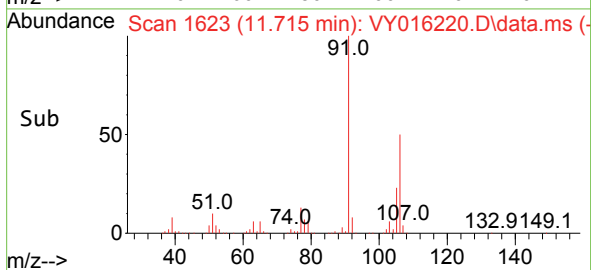
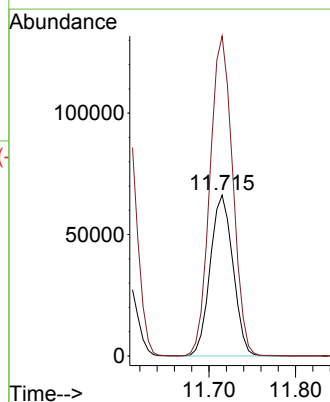
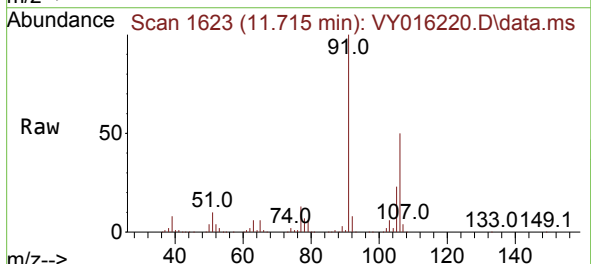
Acq: 03 Nov 2023 19:10

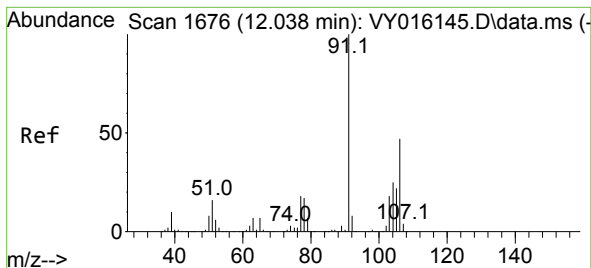
Tgt Ion:106 Resp: 120959

Ion Ratio Lower Upper

106 100

91 199.2 166.1 249.1





#69

o-Xylene

Concen: 19.561 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

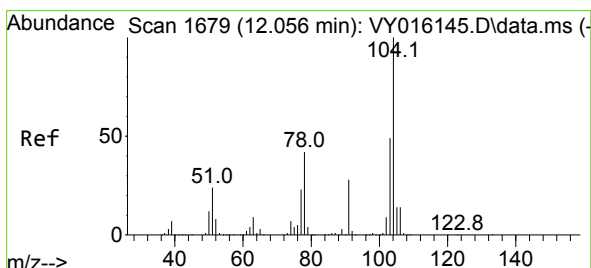
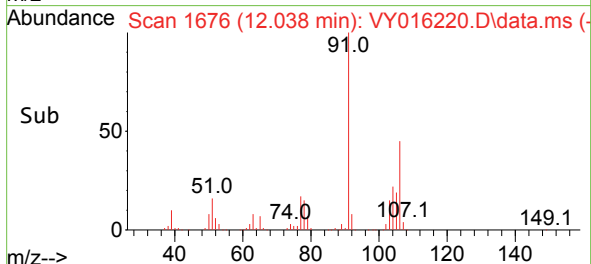
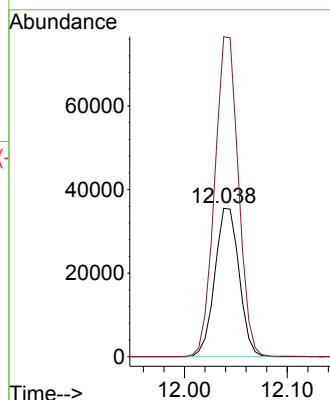
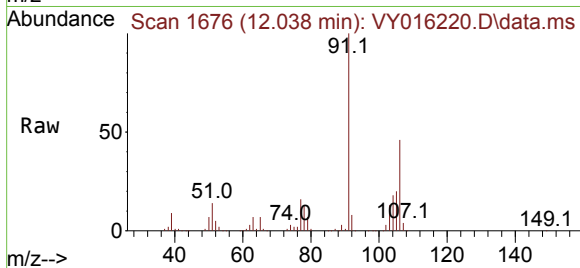
ClientSampleId :

Tgt Ion:106 Resp: 58219

Ion Ratio Lower Upper

106 100

91 211.4 108.1 324.3



#70

Styrene

Concen: 19.412 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

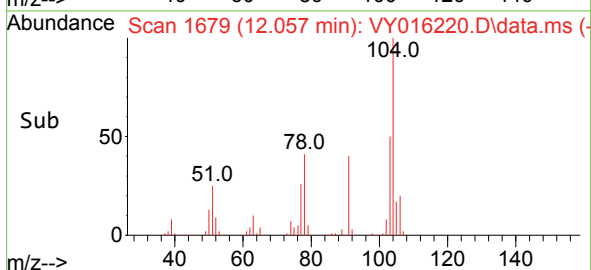
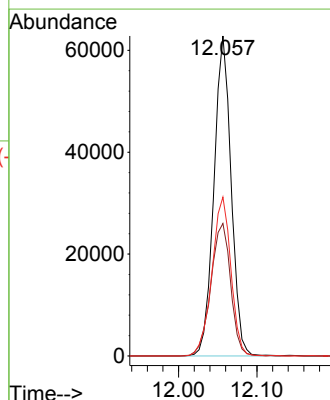
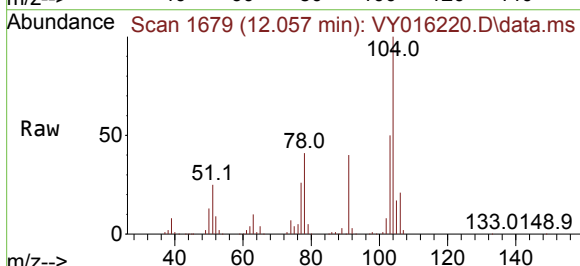
Tgt Ion:104 Resp: 96048

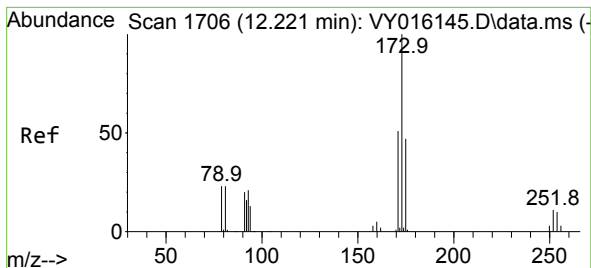
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.703 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

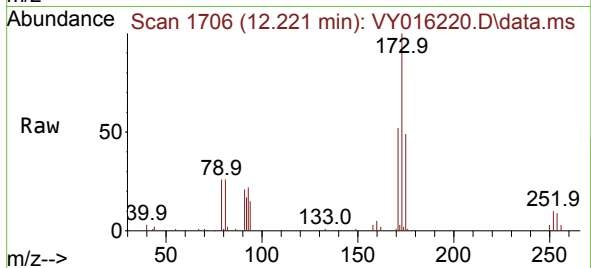
Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :



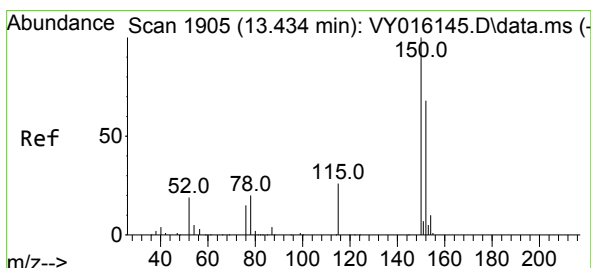
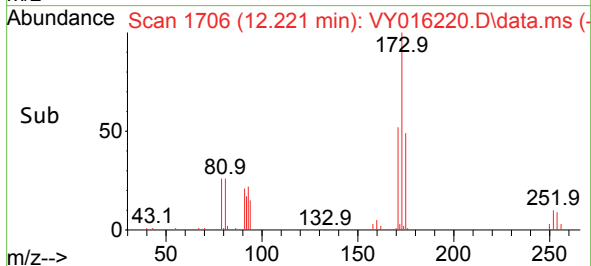
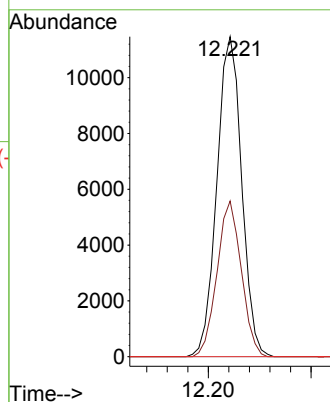
Tgt Ion:173 Resp: 19187

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

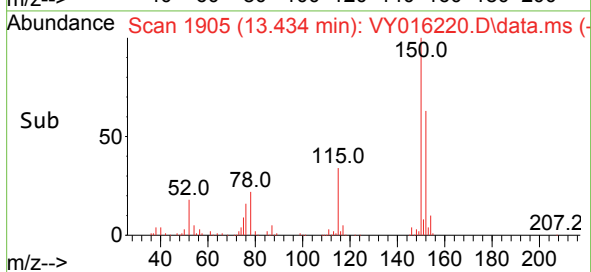
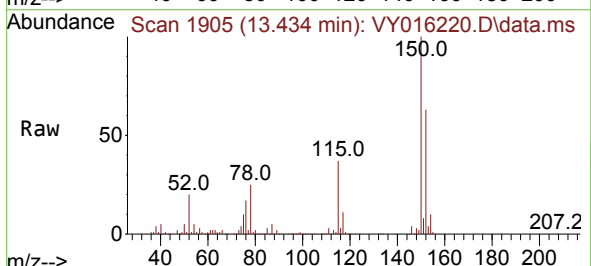
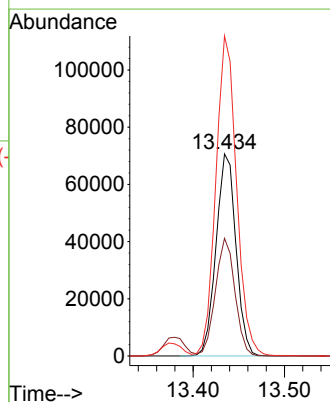
Tgt Ion:152 Resp: 107127

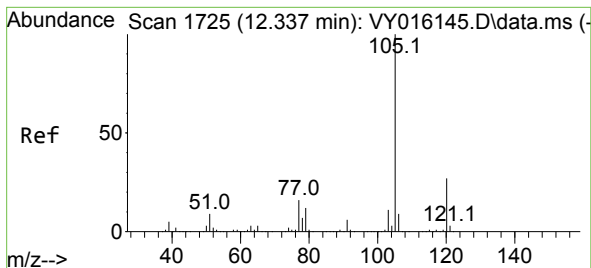
Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 164.8 0.0 348.8





#73

Isopropylbenzene

Concen: 19.377 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

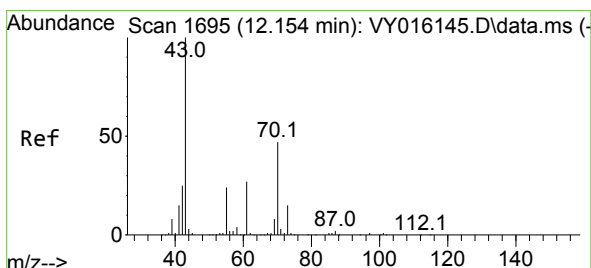
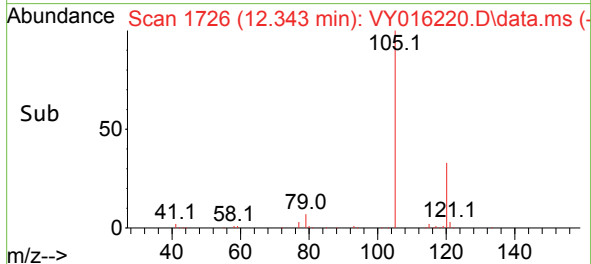
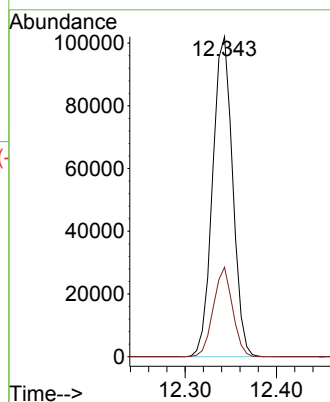
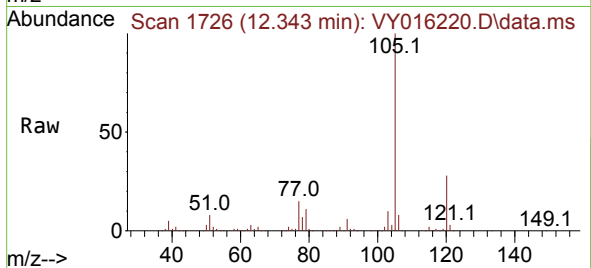
ClientSampleId :

Tgt Ion:105 Resp: 155707

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 20.085 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion: 43 Resp: 35073

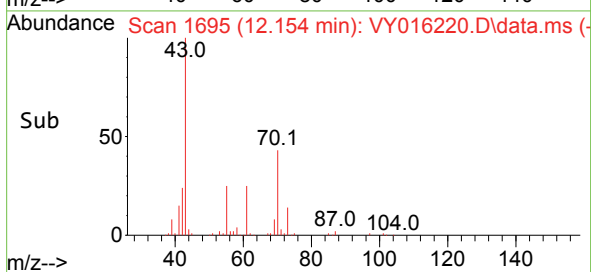
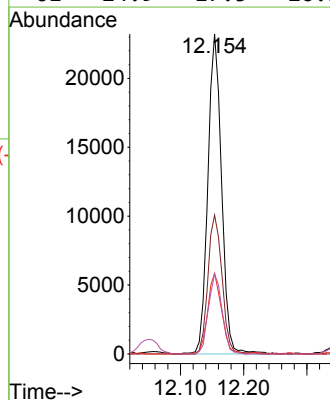
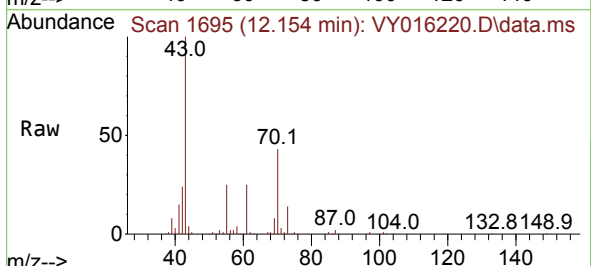
Ion Ratio Lower Upper

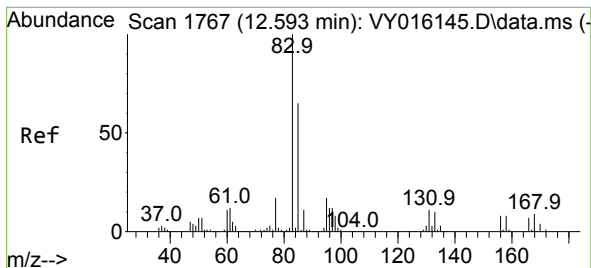
43 100

70 44.7 29.7 44.5

55 25.4 18.3 27.5

61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.851 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

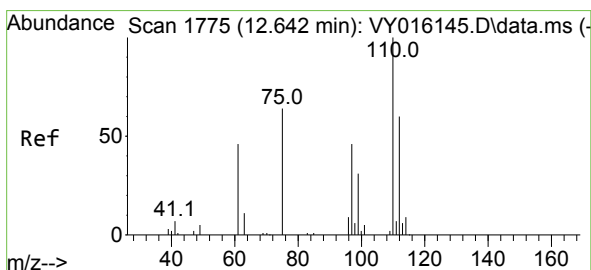
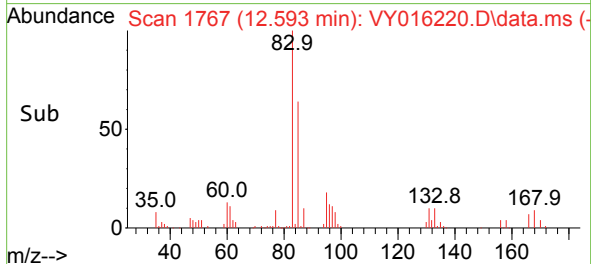
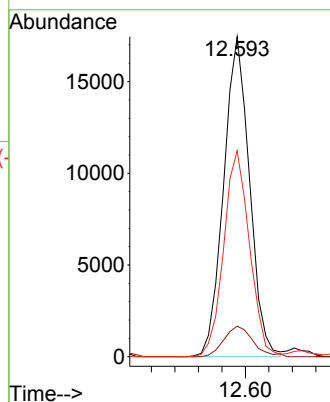
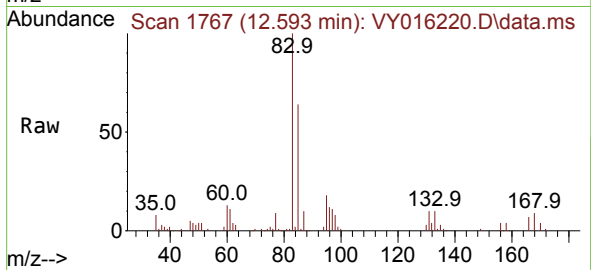
Tgt Ion: 83 Resp: 26662

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.870 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016220.D

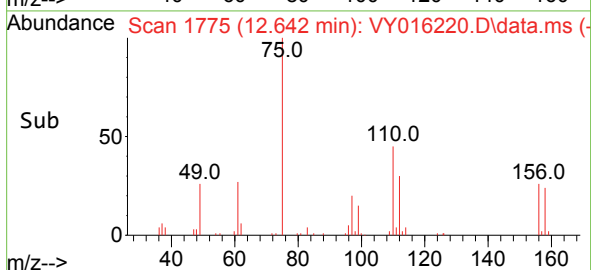
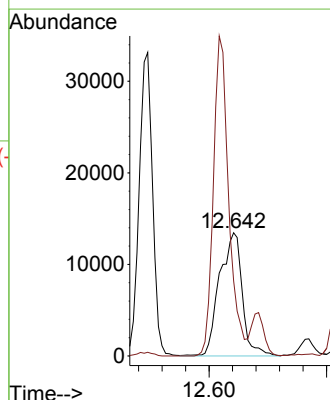
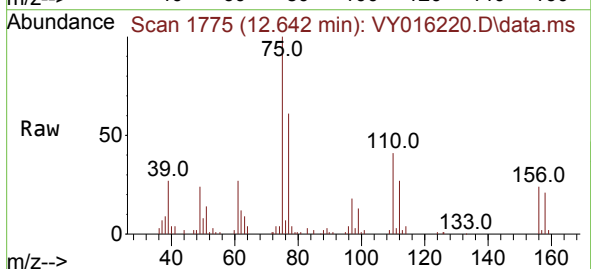
Acq: 03 Nov 2023 19:10

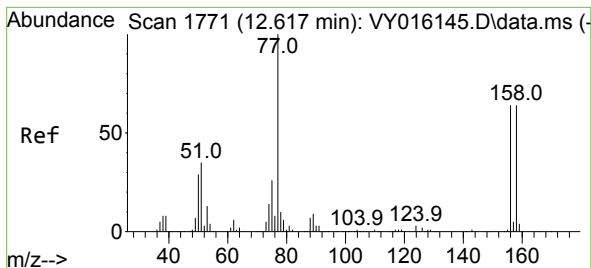
Tgt Ion: 75 Resp: 36187

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016220.D

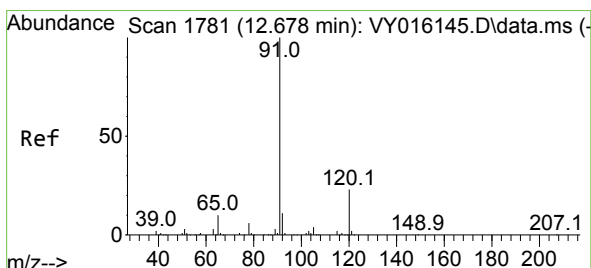
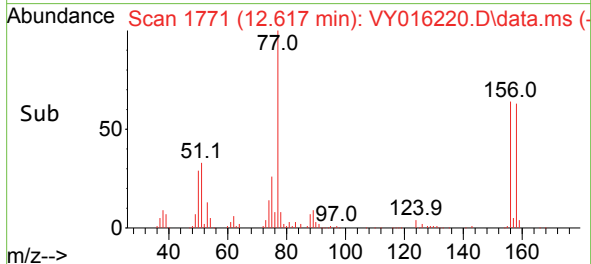
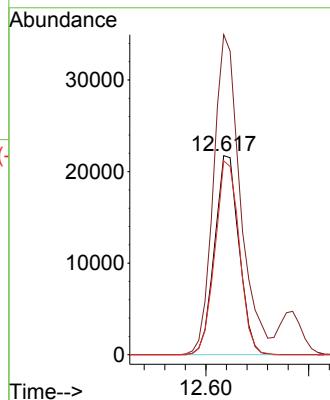
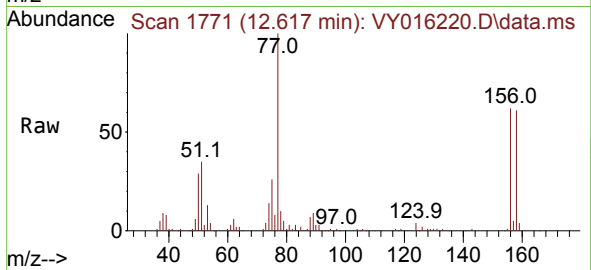
Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	35714
Ion	Ratio	Lower	Upper
156	100		
77	176.8	92.8	278.6
158	97.3	48.4	145.3



#78

n-propylbenzene

Concen: 19.468 ug/l

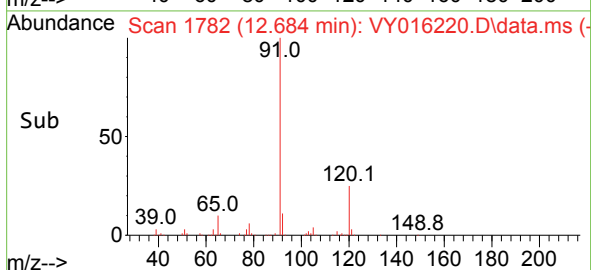
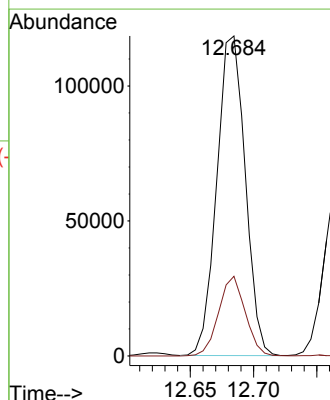
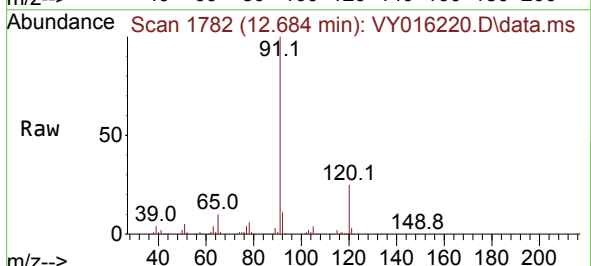
RT: 12.684 min Scan# 1782

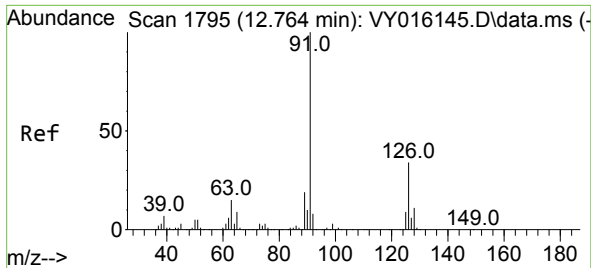
Delta R.T. 0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:	91	Resp:	184953
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.4

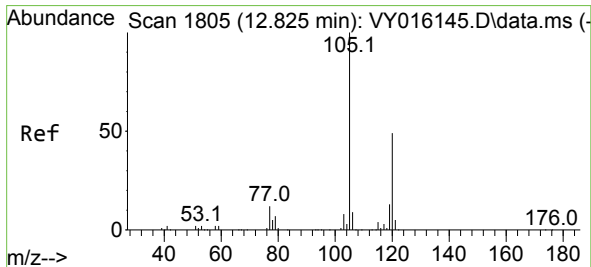
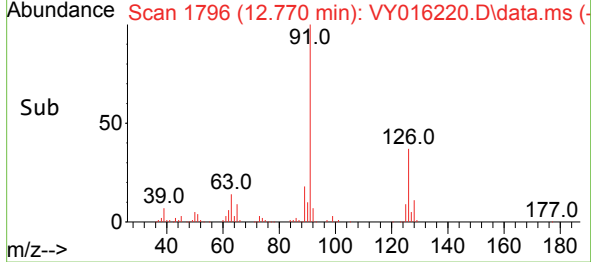
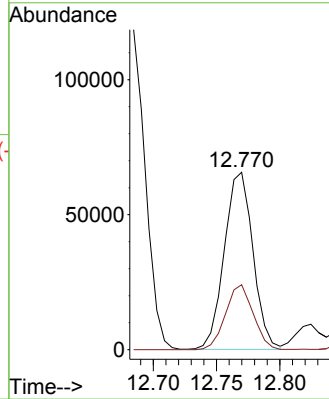
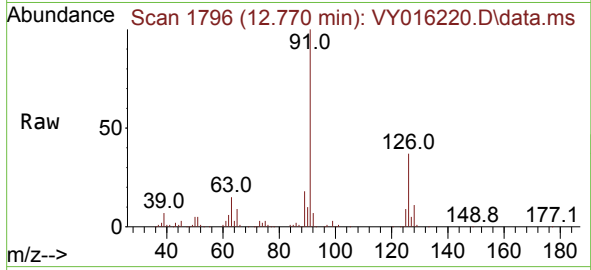




#79
2-Chlorotoluene
Concen: 19.531 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

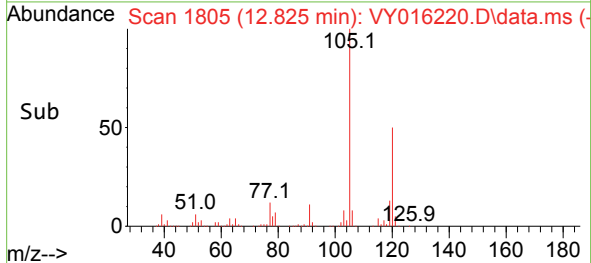
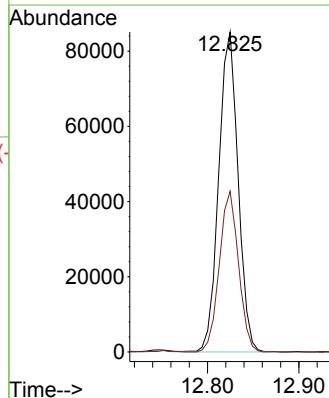
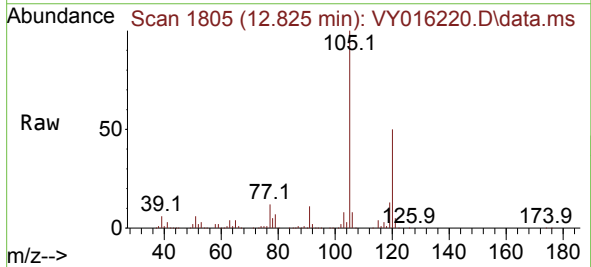
Instrument :
MSVOA_Y
ClientSampleId :

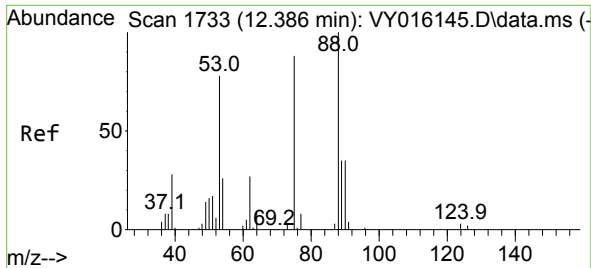
Tgt Ion: 91 Resp: 103490
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.261 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 105 Resp: 125397
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

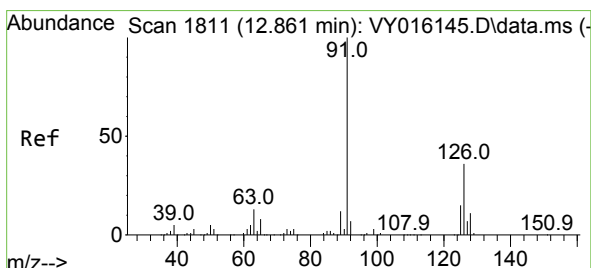
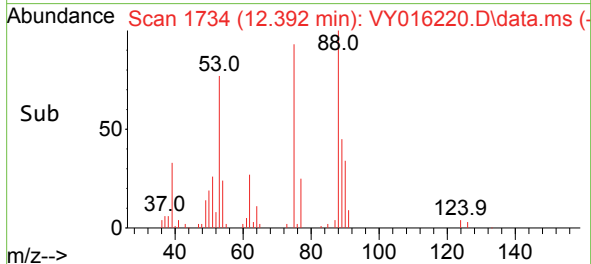
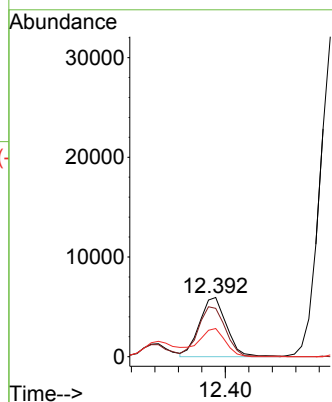
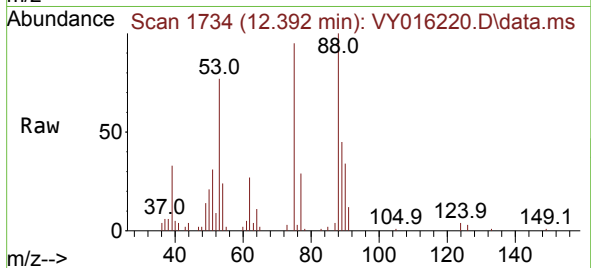




#81
trans-1,4-Dichloro-2-butene
Concen: 20.338 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

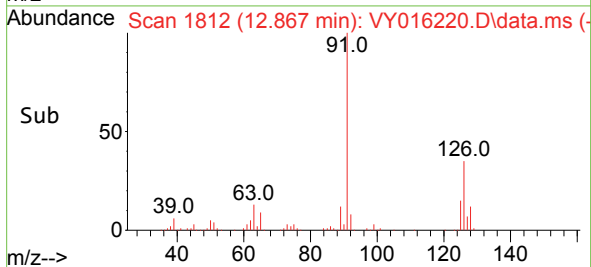
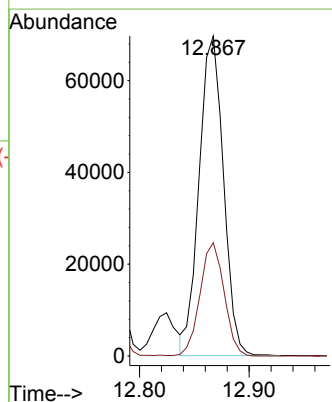
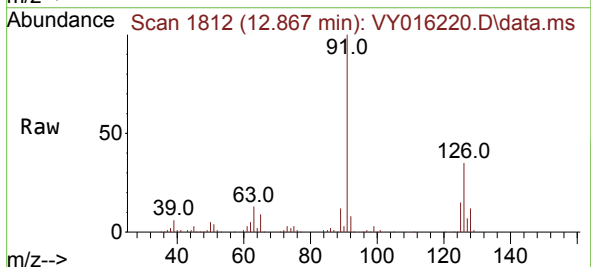
Instrument :
MSVOA_Y
ClientSampleId :

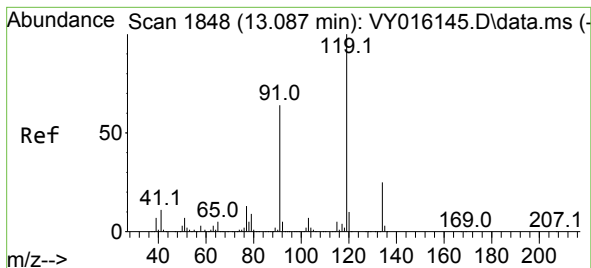
Tgt Ion: 75 Resp: 9463
Ion Ratio Lower Upper
75 100
53 83.1 77.8 116.8
89 48.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.746 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion: 91 Resp: 107440
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.496 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

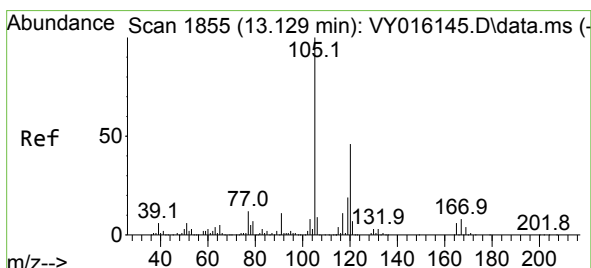
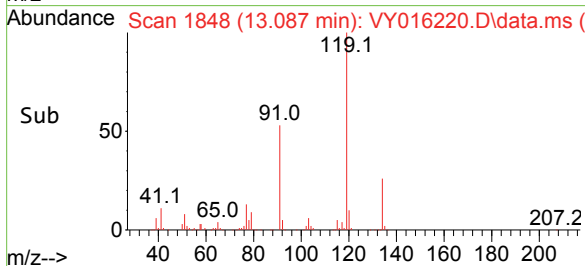
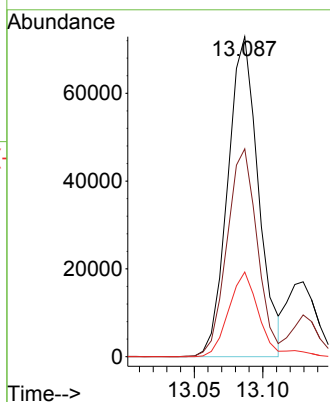
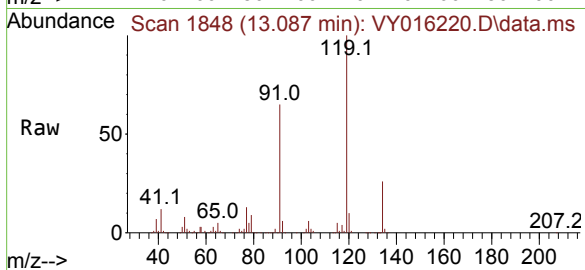
Tgt Ion:119 Resp: 113572

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.375 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016220.D

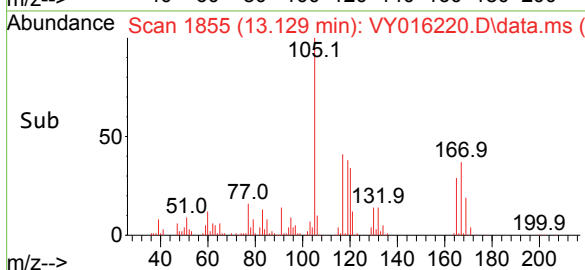
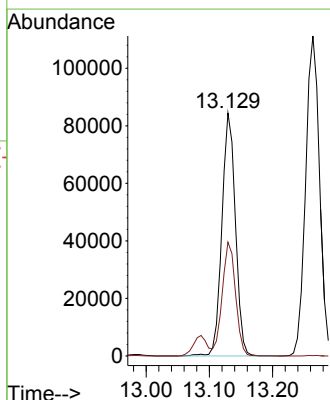
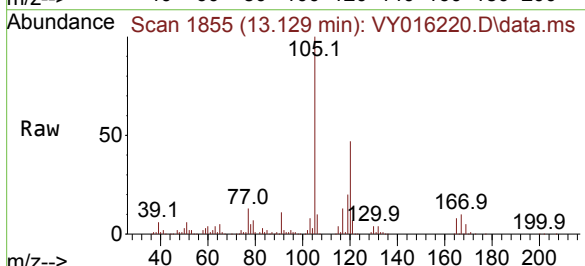
Acq: 03 Nov 2023 19:10

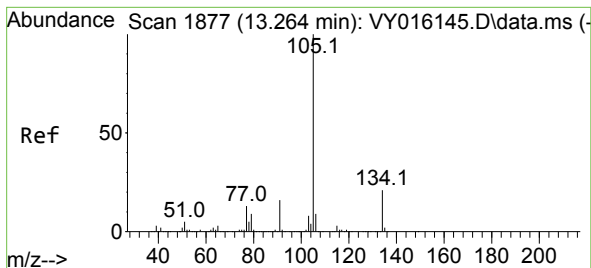
Tgt Ion:105 Resp: 124813

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.783 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

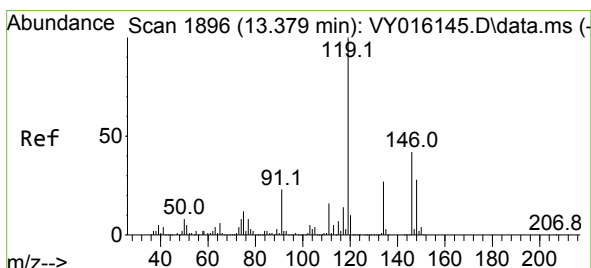
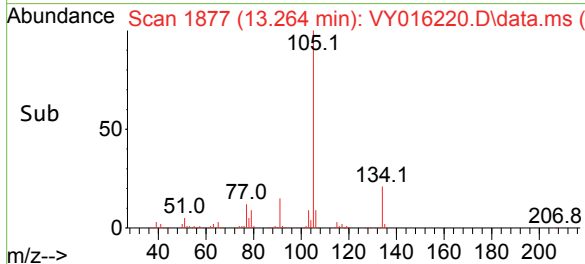
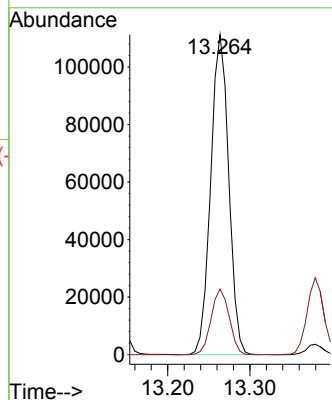
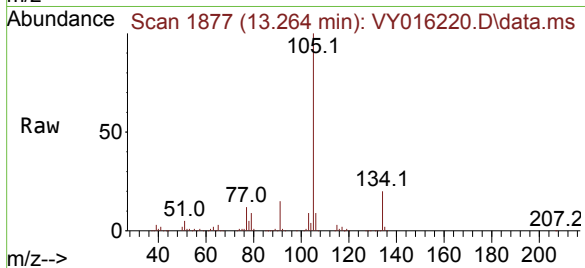
ClientSampleId :

Tgt Ion:105 Resp: 169140

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.718 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

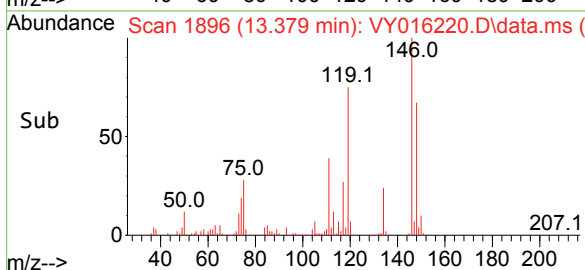
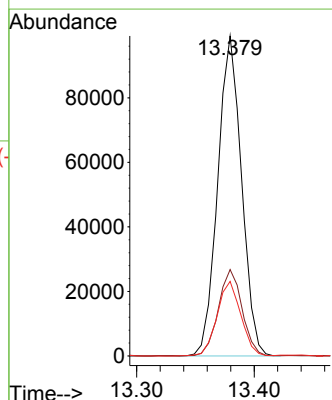
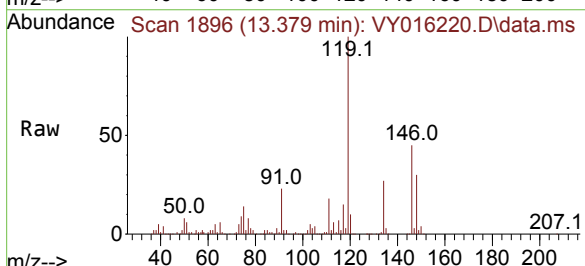
Tgt Ion:119 Resp: 139723

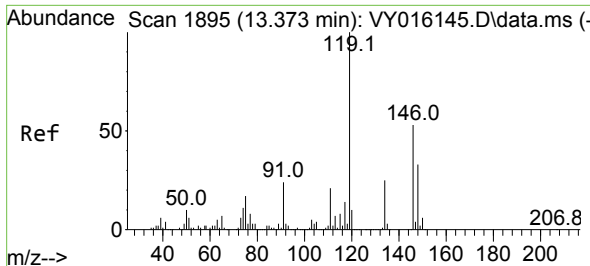
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 23.3 12.4 37.4

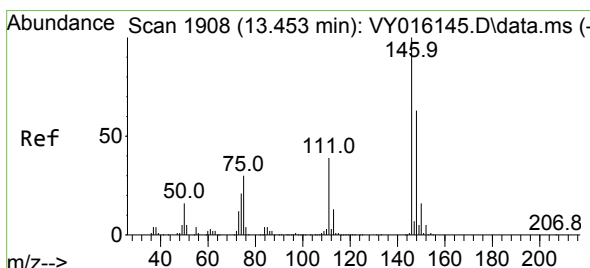
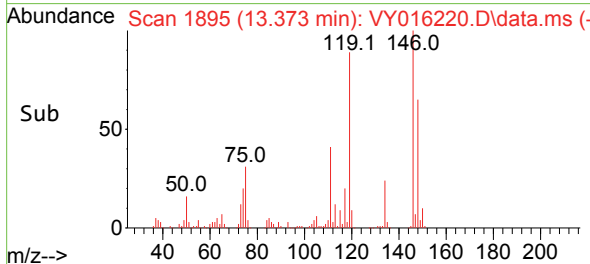
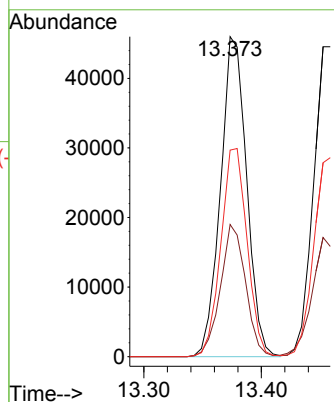
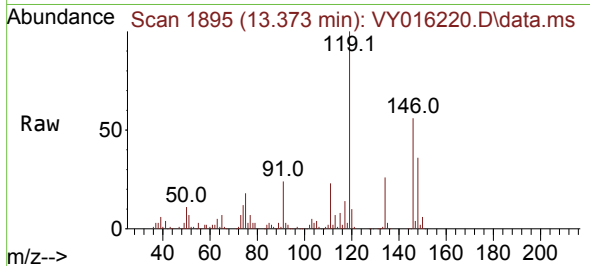




#87
1,3-Dichlorobenzene
Concen: 19.776 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

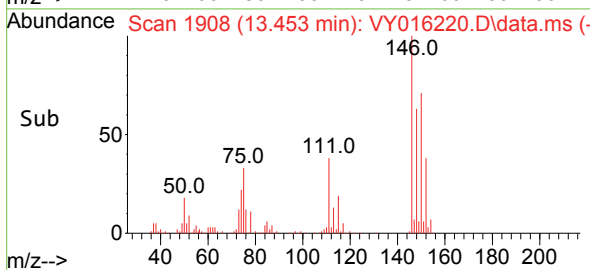
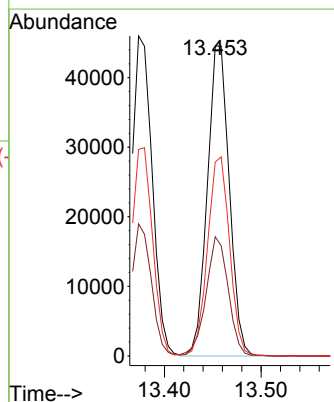
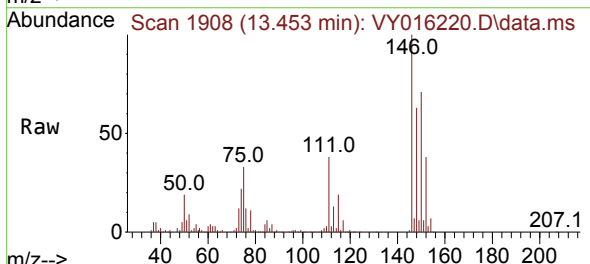
Instrument :
MSVOA_Y
ClientSampleId :

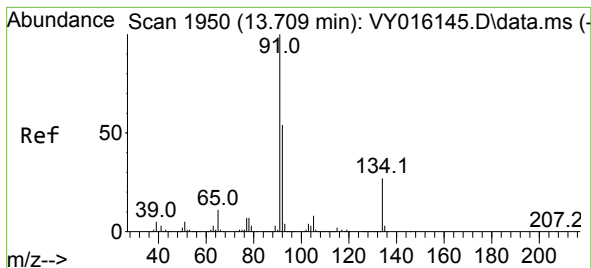
Tgt Ion:146 Resp: 71166
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 65.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.823 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

Tgt Ion:146 Resp: 70506
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.685 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

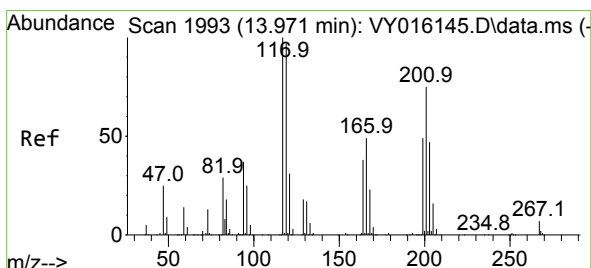
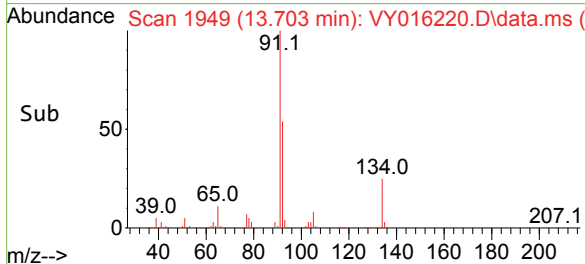
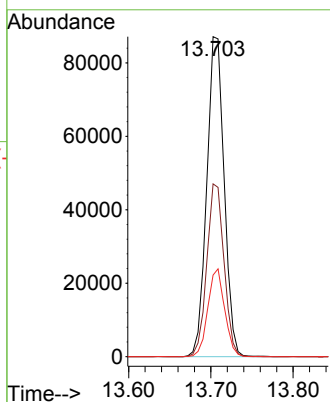
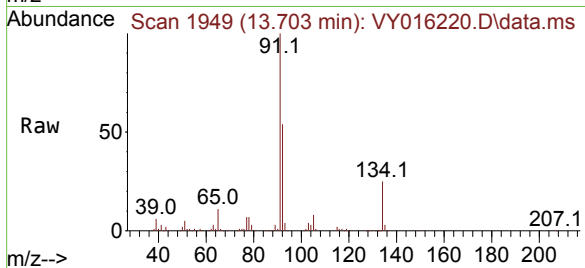
Tgt Ion: 91 Resp: 128171

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 20.919 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016220.D

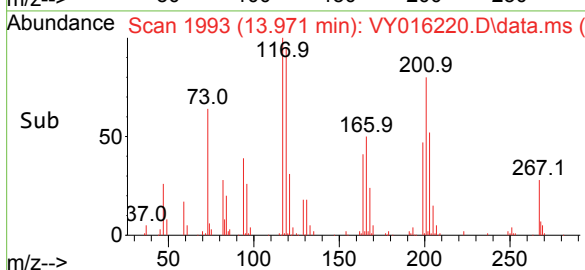
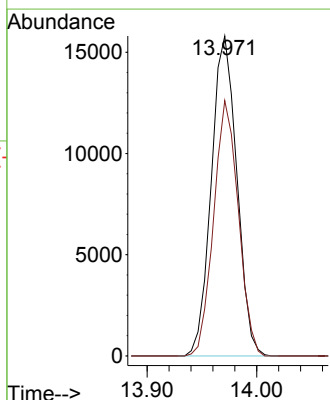
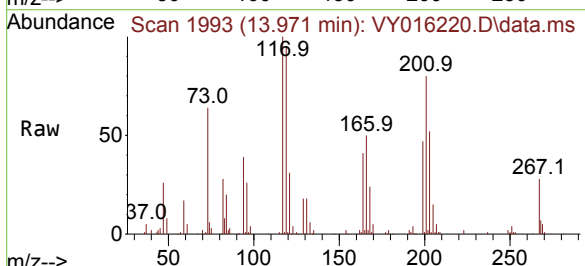
Acq: 03 Nov 2023 19:10

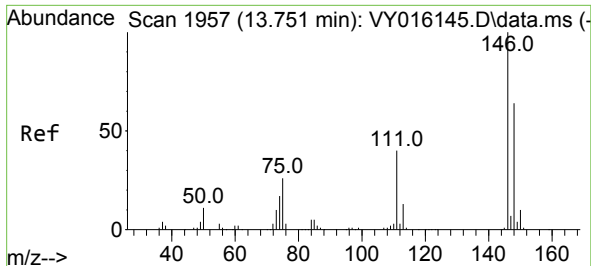
Tgt Ion: 117 Resp: 25545

Ion Ratio Lower Upper

117 100

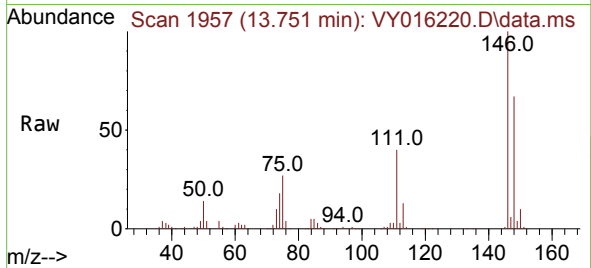
201 77.2 41.6 124.8



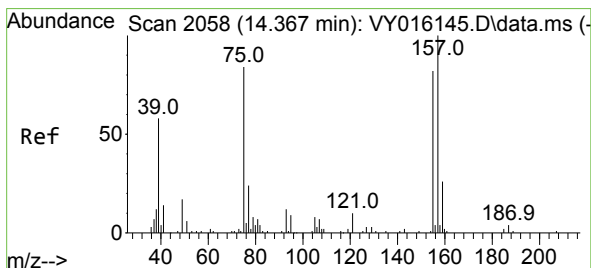
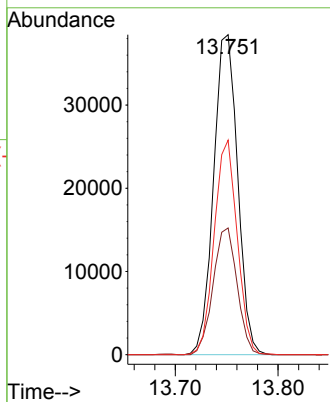
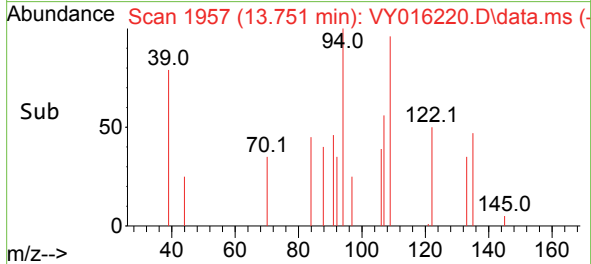


#91
1,2-Dichlorobenzene
Concen: 20.099 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10

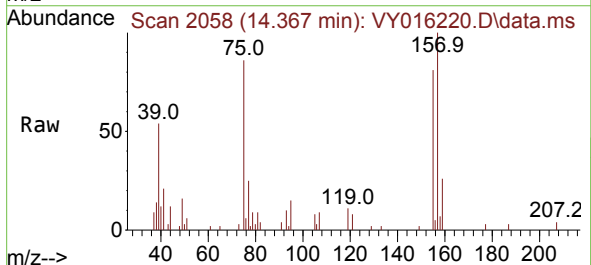
Instrument :
MSVOA_Y
ClientSampleId :



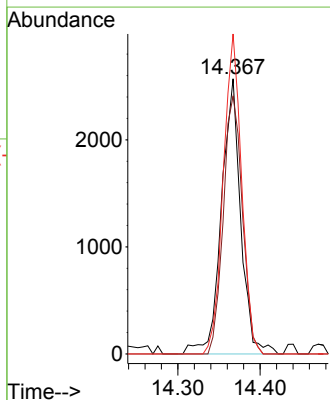
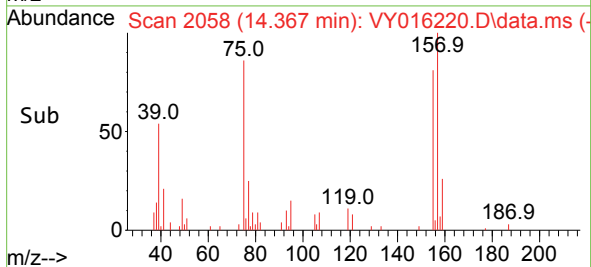
Tgt Ion:146 Resp: 62493
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 64.1 32.0 96.2

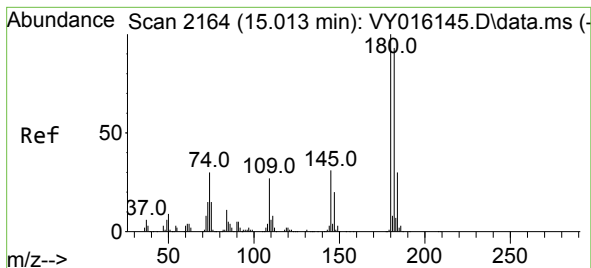


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.353 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016220.D
Acq: 03 Nov 2023 19:10



Tgt Ion: 75 Resp: 4200
Ion Ratio Lower Upper
75 100
155 92.6 41.5 124.6
157 109.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.020 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

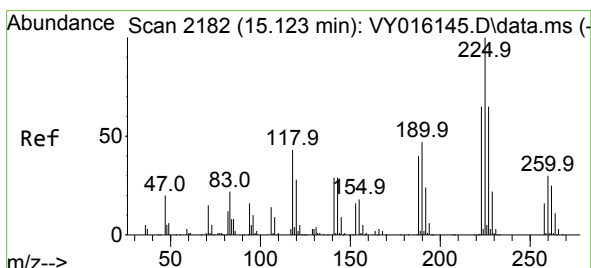
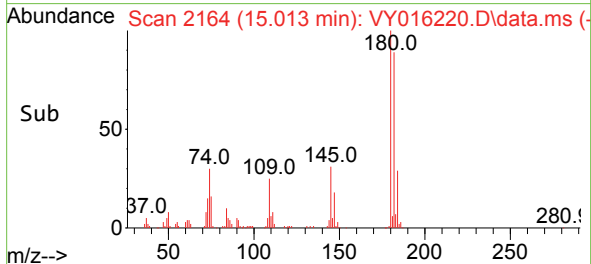
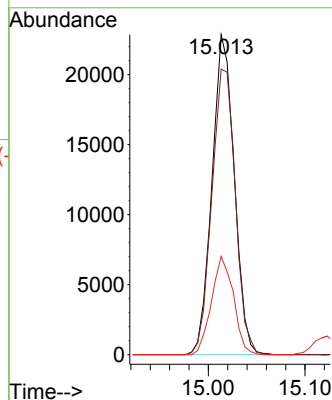
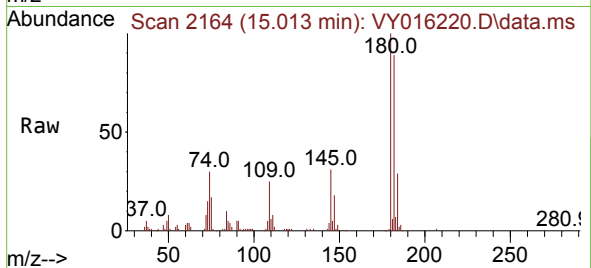
Tgt Ion:180 Resp: 36500

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.711 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

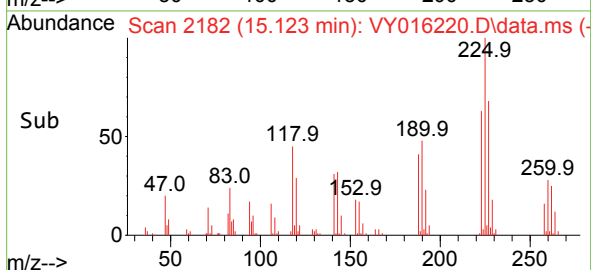
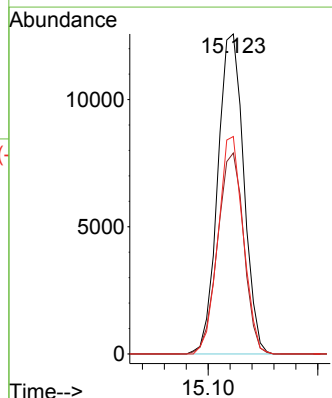
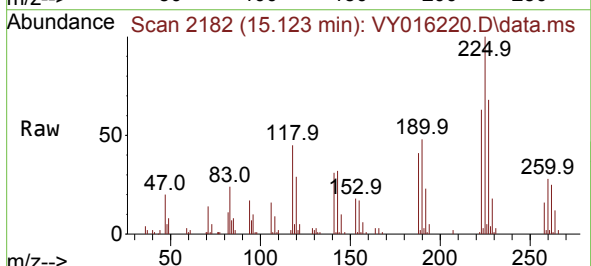
Tgt Ion:225 Resp: 20671

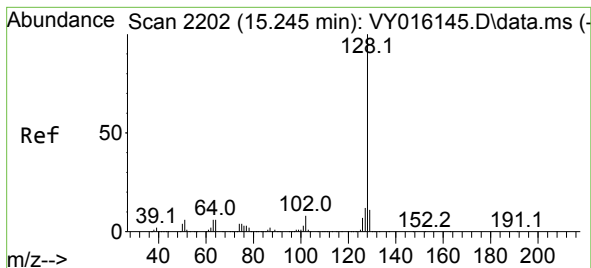
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 65.9 33.0 98.9





#95

Naphthalene

Concen: 18.112 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016220.D

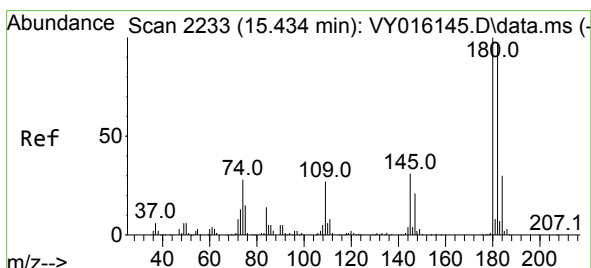
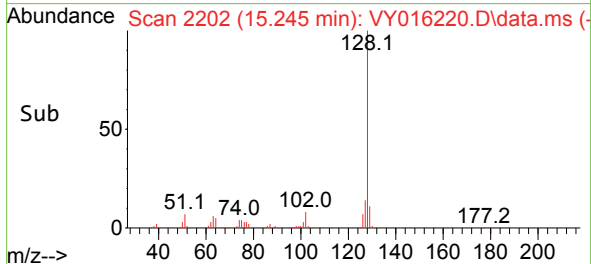
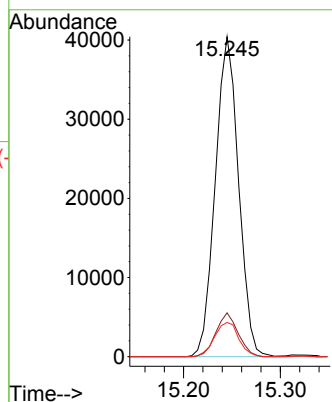
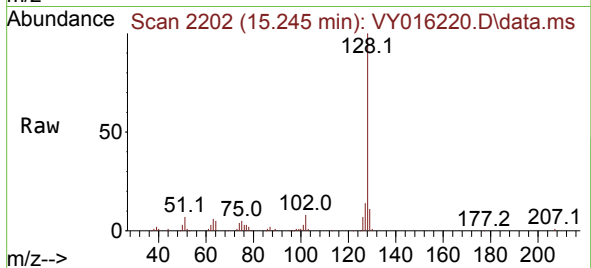
Acq: 03 Nov 2023 19:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	67524
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.740 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016220.D

Acq: 03 Nov 2023 19:10

Tgt Ion:180	Resp:	30721
Ion Ratio	Lower	Upper
180	100	
182	94.3	47.3 141.8
145	32.3	15.4 46.2

