

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016375.D
 Acq On : 15 Nov 2023 18:40
 Operator : SY/MD
 Sample : 05425--10 MSD
 Misc : 8.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:08:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	115099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	188990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	165945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55578	52.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.734	113	59879	55.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.540%	
50) Toluene-d8	10.191	98	229528	52.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.489	95	75105	53.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	51334	45.549	ug/l	97
3) Chloromethane	2.125	50	60017	45.471	ug/l	100
4) Vinyl Chloride	2.259	62	64542	45.474	ug/l	95
5) Bromomethane	2.662	94	43942	47.111	ug/l	100
6) Chloroethane	2.808	64	43392	47.913	ug/l	94
7) Trichlorofluoromethane	3.137	101	105153	50.924	ug/l	97
8) Diethyl Ether	3.546	74	31449	50.959	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.918	101	60057	48.289	ug/l	95
10) Methyl Iodide	4.107	142	67690	50.394	ug/l	99
11) Tert butyl alcohol	4.978	59	16310	197.993	ug/l #	83
12) 1,1-Dichloroethene	3.887	96	56184	48.305	ug/l	90
13) Acrolein	3.747	56	18264	183.815	ug/l	99
14) Allyl chloride	4.503	41	79661	48.264	ug/l #	92
15) Acrylonitrile	5.186	53	59994	244.958	ug/l	98
16) Acetone	3.966	43	42672	245.231	ug/l	93
17) Carbon Disulfide	4.216	76	163408	46.563	ug/l	99
18) Methyl Acetate	4.497	43	49253	53.268	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	141150	50.140	ug/l	99
20) Methylene Chloride	4.741	84	72096	59.298	ug/l	88
21) trans-1,2-Dichloroethene	5.247	96	66556	49.699	ug/l	91
22) Diisopropyl ether	6.137	45	180372	50.708	ug/l #	88
23) Vinyl Acetate	6.082	43	401373	232.871	ug/l #	91
24) 1,1-Dichloroethane	6.039	63	111389	50.759	ug/l	96
25) 2-Butanone	7.008	43	69786	228.970	ug/l	91
26) 2,2-Dichloropropane	7.002	77	98374	49.255	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	74237	51.438	ug/l	91
28) Bromochloromethane	7.350	49	43618	53.706	ug/l	85
29) Tetrahydrofuran	7.368	42	47213	234.364	ug/l	89
30) Chloroform	7.527	83	119470	52.303	ug/l	97
31) Cyclohexane	7.807	56	91930	44.387	ug/l	91
32) 1,1,1-Trichloroethane	7.722	97	107420	51.303	ug/l	98
36) 1,1-Dichloropropene	7.935	75	88633	47.545	ug/l	98
37) Ethyl Acetate	7.094	43	33167	44.034	ug/l #	93
38) Carbon Tetrachloride	7.923	117	97263	50.272	ug/l	98
39) Methylcyclohexane	9.197	83	105980	45.624	ug/l	92
40) Benzene	8.179	78	261390	49.908	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	19895	52.385	ug/l	91
42) 1,2-Dichloroethane	8.252	62	69848	51.470	ug/l	94
43) Isopropyl Acetate	8.289	43	66019	45.344	ug/l #	89
44) Trichloroethene	8.953	130	74330	49.381	ug/l	98
45) 1,2-Dichloropropane	9.228	63	64050	50.921	ug/l	97
46) Dibromomethane	9.319	93	34255	50.255	ug/l	97
47) Bromodichloromethane	9.508	83	90762	51.794	ug/l	97
48) Methyl methacrylate	9.307	41	36721	45.635	ug/l #	84
49) 1,4-Dioxane	9.313	88	6367	879.859	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	168194	228.448	ug/l	91
52) Toluene	10.258	92	166981	50.436	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	85779	50.494	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	103560	51.040	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	48701	51.838	ug/l	98
56) Ethyl methacrylate	10.520	69	43800	49.389	ug/l #	82
57) 1,3-Dichloropropane	10.800	76	81303	50.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	159716	265.601	ug/l	93
59) 2-Hexanone	10.843	43	112346	205.147	ug/l	88
60) Dibromochloromethane	10.996	129	62236	52.969	ug/l	100
61) 1,2-Dibromoethane	11.099	107	44907	50.173	ug/l	99
64) Tetrachloroethene	10.733	164	72788	48.850	ug/l	97
65) Chlorobenzene	11.526	112	178375	50.311	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	68721	52.552	ug/l	98
67) Ethyl Benzene	11.605	91	318866	50.044	ug/l	100
68) m/p-Xylenes	11.715	106	243597	100.795	ug/l	94
69) o-Xylene	12.038	106	113081	50.396	ug/l	98
70) Styrene	12.056	104	169019	52.605	ug/l	97
71) Bromoform	12.221	173	34319	50.578	ug/l #	99
73) Isopropylbenzene	12.343	105	305258	48.703	ug/l	99
74) N-amyl acetate	12.154	43	55703	44.245	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	47878	47.604	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	63101	84.985	ug/l #	100
77) Bromobenzene	12.617	156	70418	49.709	ug/l	94
78) n-propylbenzene	12.684	91	357366	48.246	ug/l	99
79) 2-Chlorotoluene	12.770	91	201037	49.249	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	250019	49.476	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	15553	45.467	ug/l	93
82) 4-Chlorotoluene	12.867	91	208516	49.434	ug/l	99
83) tert-Butylbenzene	13.087	119	218476	49.084	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	245356	49.309	ug/l	98
85) sec-Butylbenzene	13.263	105	305769	48.085	ug/l	99
86) p-Isopropyltoluene	13.379	119	265287	48.449	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	136523	50.094	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	132253	49.654	ug/l	99
89) n-Butylbenzene	13.708	91	242064	47.870	ug/l	96
90) Hexachloroethane	13.971	117	51251	48.522	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	117600	50.356	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6607	41.290	ug/l	81
93) 1,2,4-Trichlorobenzene	15.019	180	65927	48.363	ug/l	98
94) Hexachlorobutadiene	15.123	225	33969	43.496	ug/l	97
95) Naphthalene	15.245	128	122668	50.314	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	53876	47.784	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
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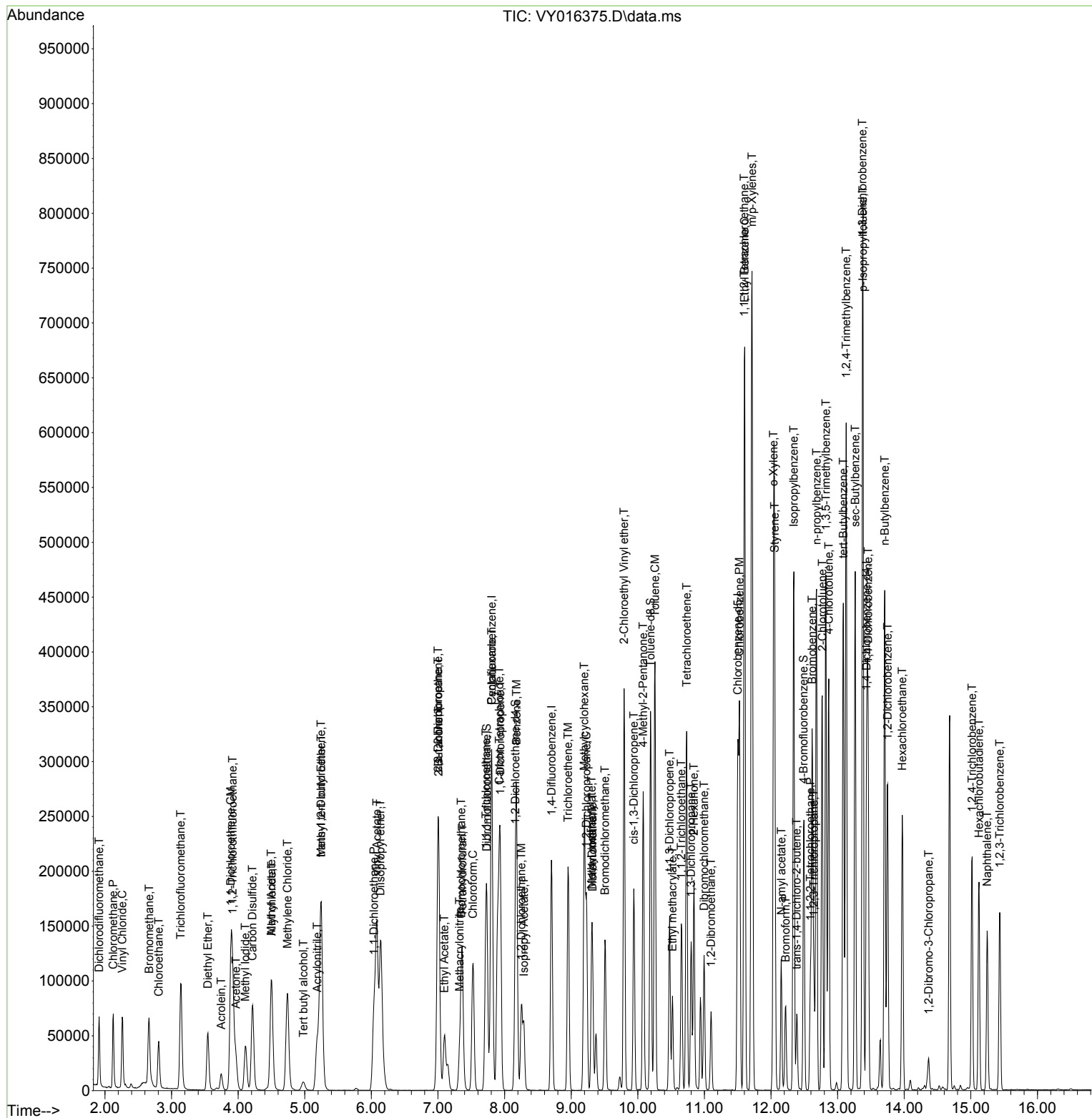
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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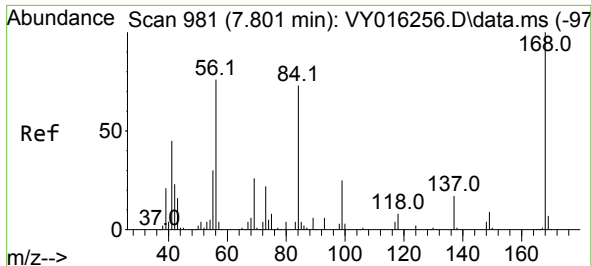
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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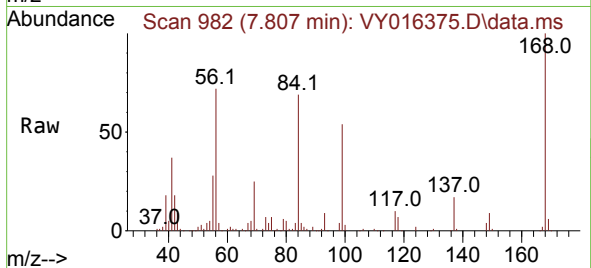
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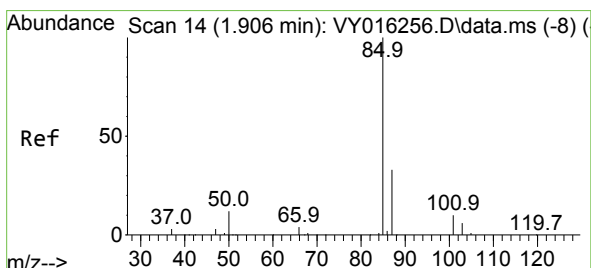
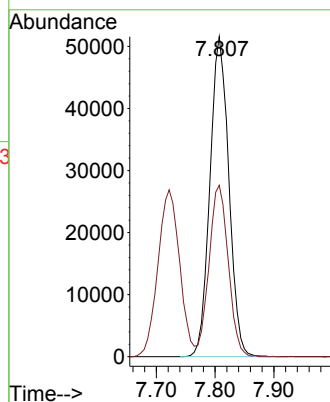
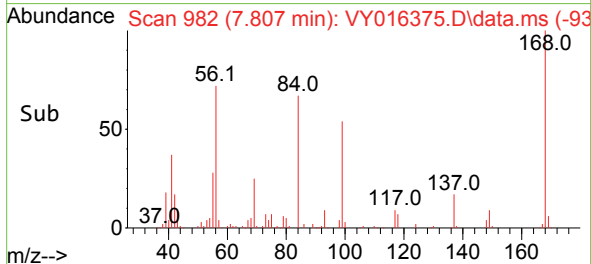


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 99
Delta R.T. 0.006 min
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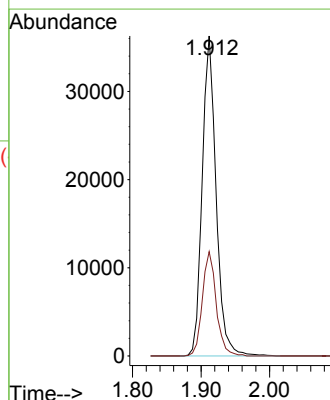
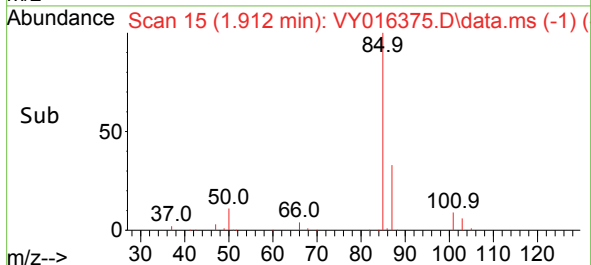
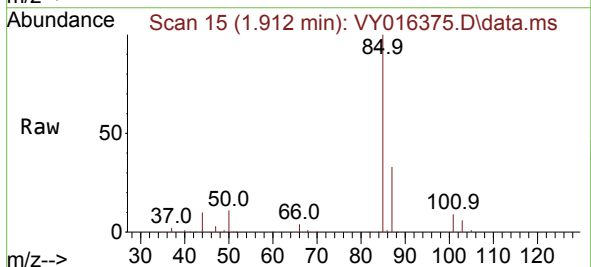


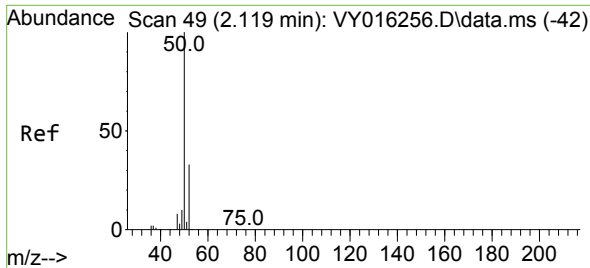
Tgt Ion:168 Resp: 115099
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.549 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 85 Resp: 51334
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8

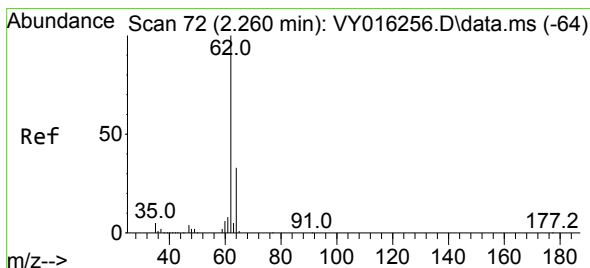
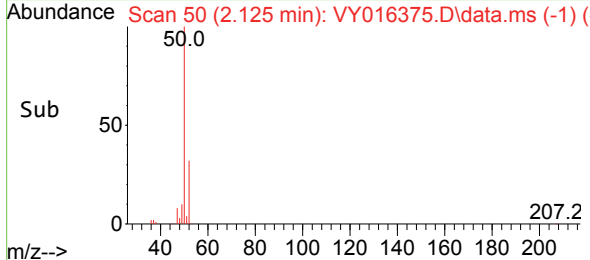
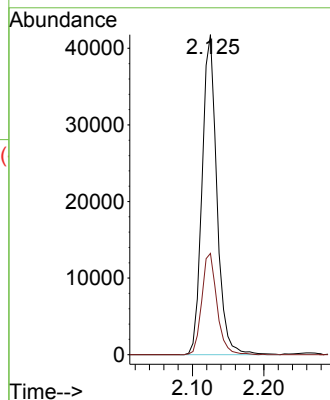
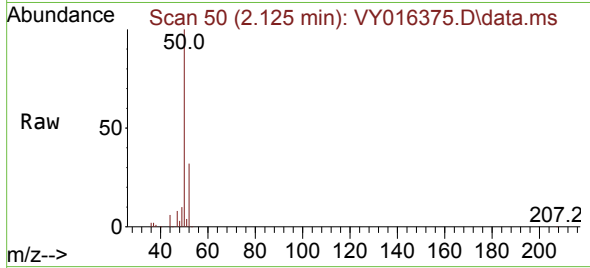




#3
Chloromethane
Concen: 45.471 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

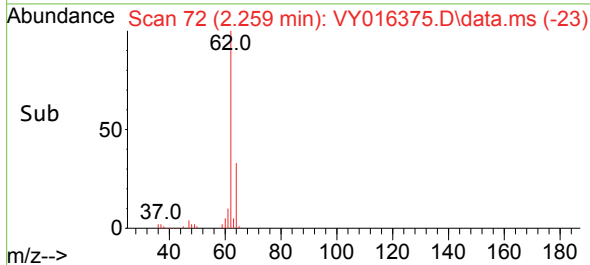
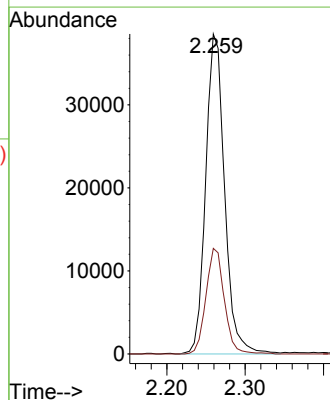
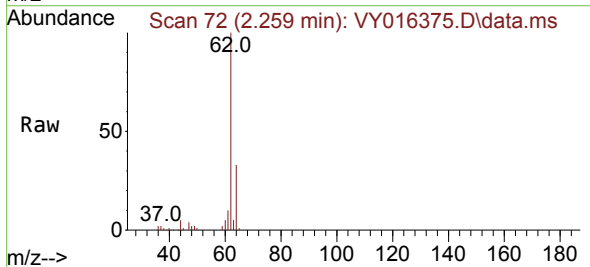
Instrument :
MSVOA_Y
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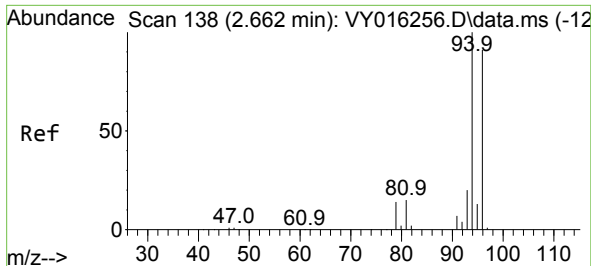
Tgt Ion: 50 Resp: 60017
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2



#4
Vinyl Chloride
Concen: 45.474 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 62 Resp: 64542
Ion Ratio Lower Upper
62 100
64 33.0 24.3 36.5

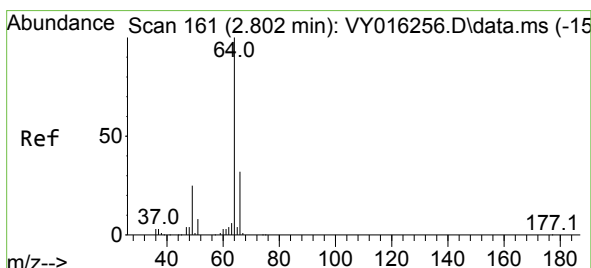
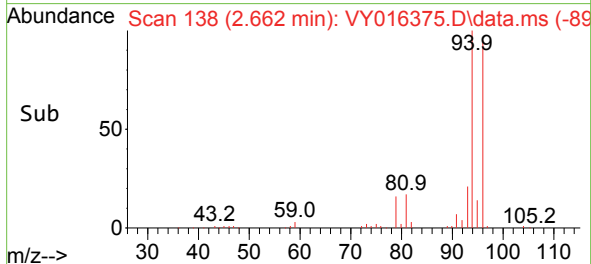
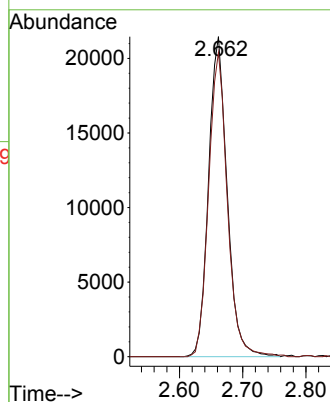
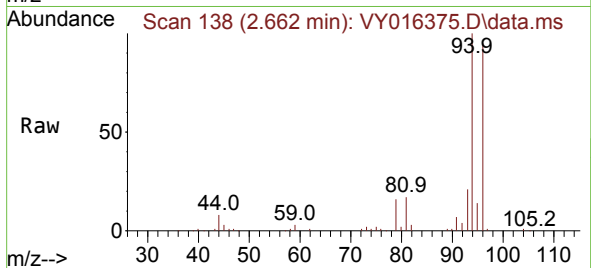




#5
Bromomethane
Concen: 47.111 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY016375.D
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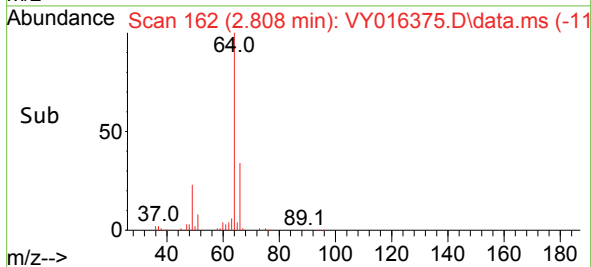
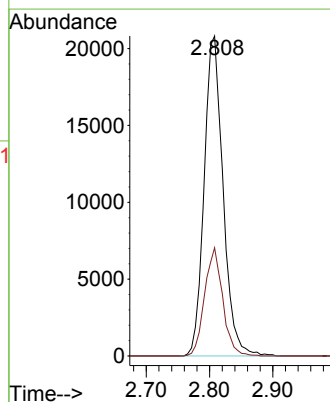
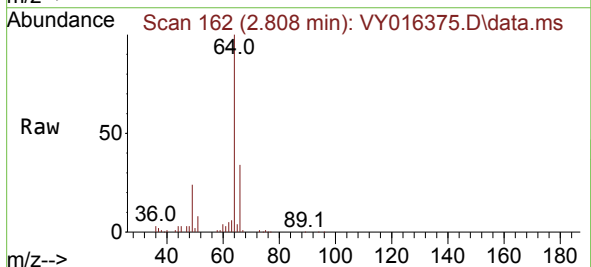
Instrument :
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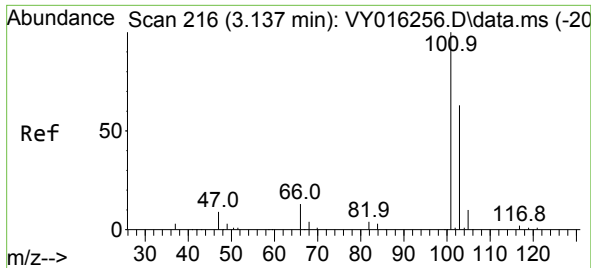
Tgt Ion: 94 Resp: 43942
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6



#6
Chloroethane
Concen: 47.913 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016375.D
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Tgt Ion: 64 Resp: 43392
Ion Ratio Lower Upper
64 100
66 33.8 24.4 36.6

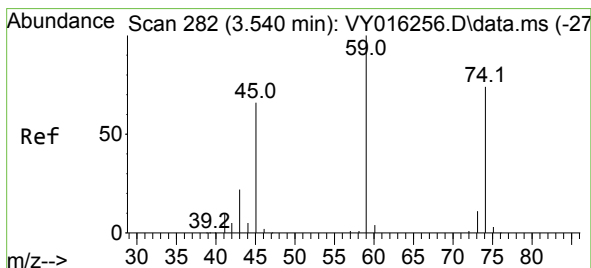
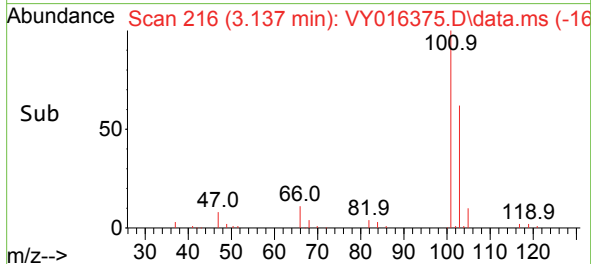
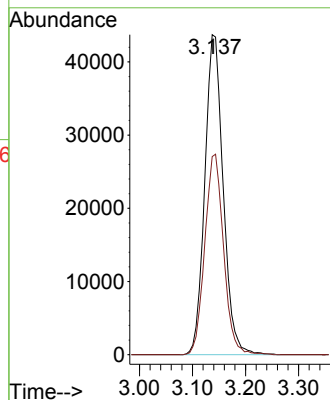
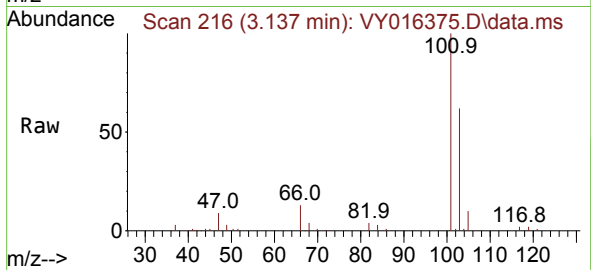




#7
 Trichlorofluoromethane
 Concen: 50.924 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

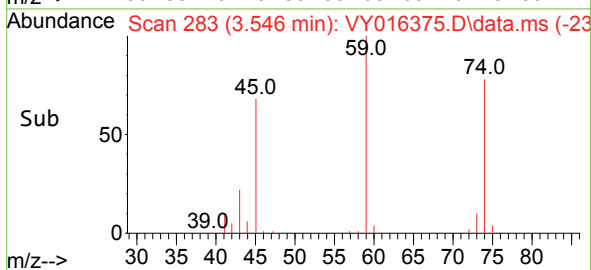
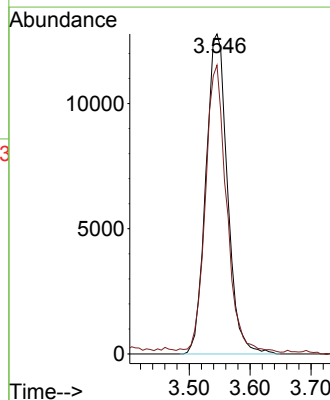
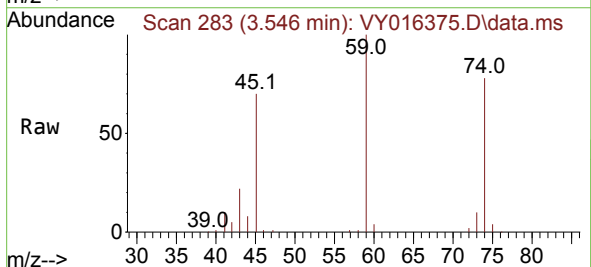
Instrument :
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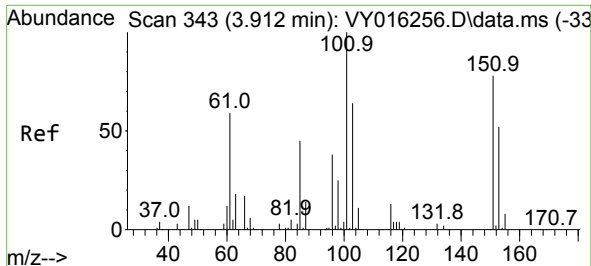
Tgt Ion:101 Resp: 105153
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 50.959 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 31449
 Ion Ratio Lower Upper
 74 100
 45 88.0 51.5 154.5

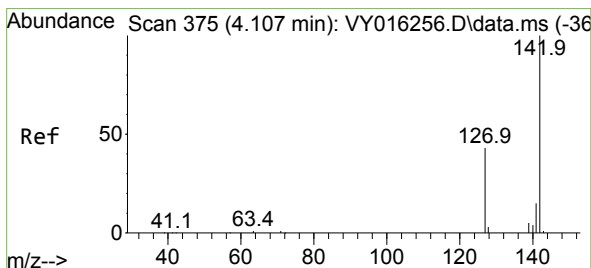
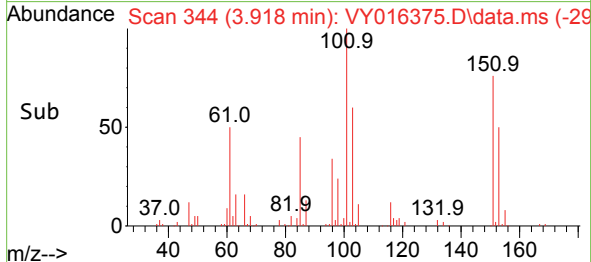
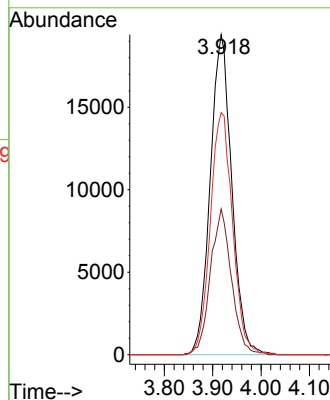
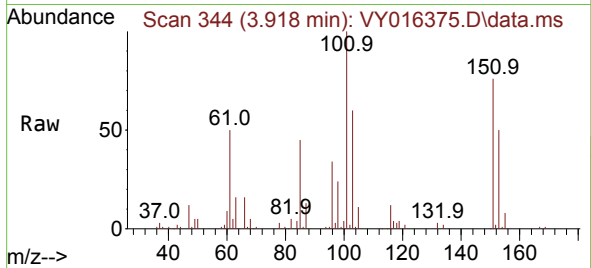




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.289 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

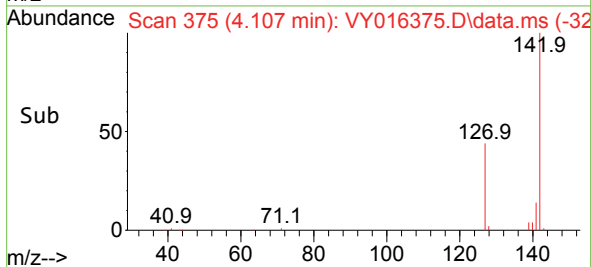
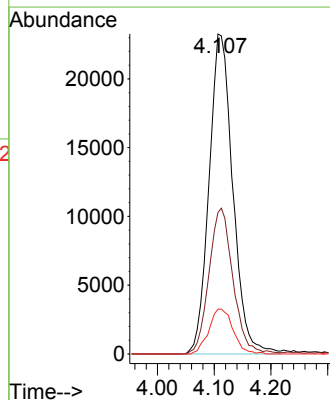
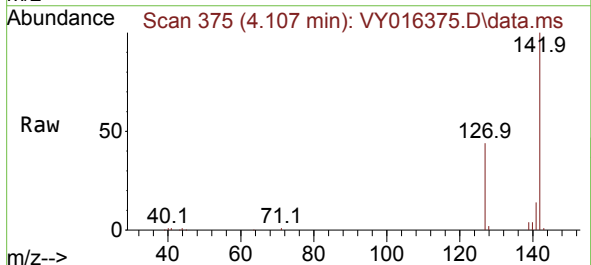
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 60057
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 50.394 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion:142 Resp: 67690
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.3 11.8 17.8

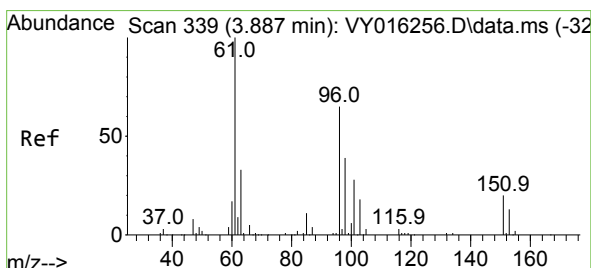
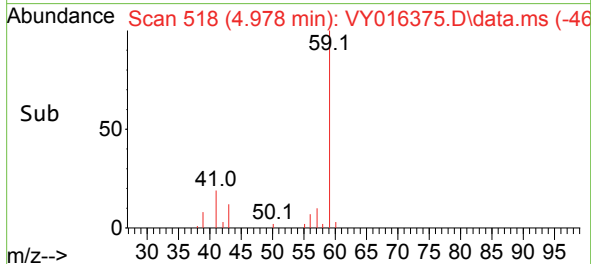
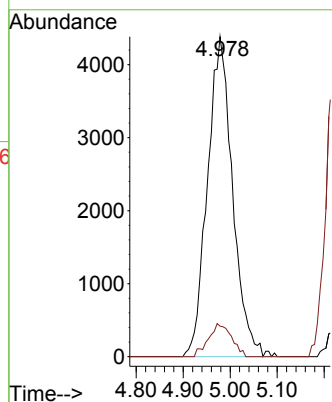
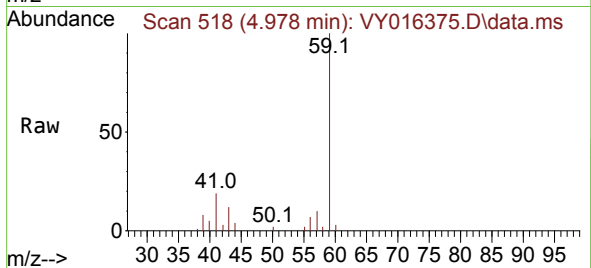




#11
Tert butyl alcohol
Concen: 197.993 ug/l
RT: 4.978 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

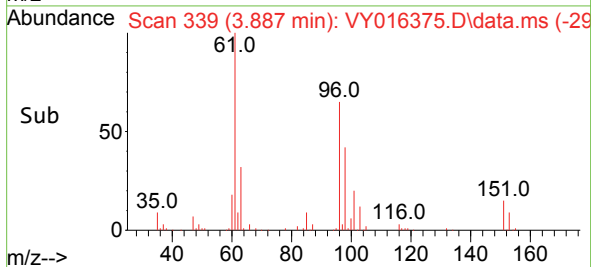
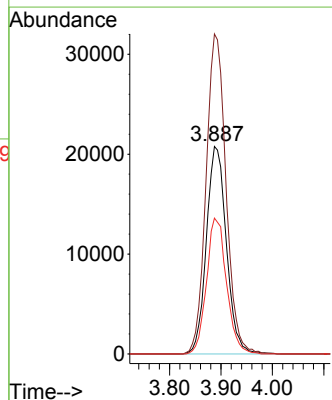
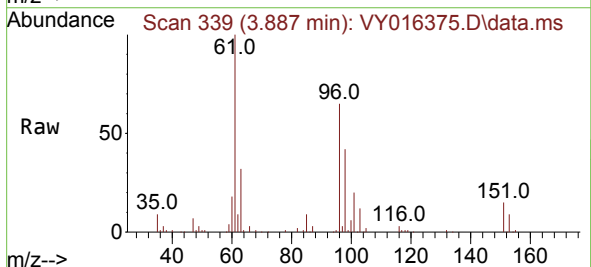
Instrument :
MSVOA_Y
ClientSampleId :

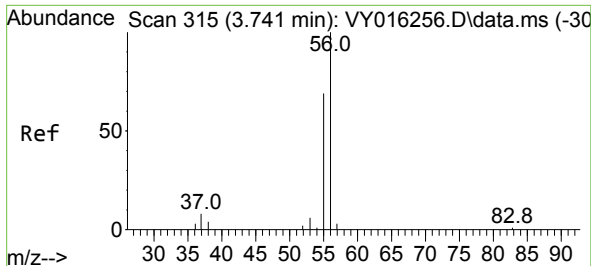
Tgt Ion: 59 Resp: 16310
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.305 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 96 Resp: 56184
Ion Ratio Lower Upper
96 100
61 154.2 136.4 204.6
98 65.5 49.4 74.2





#13

Acrolein

Concen: 183.815 ug/l

RT: 3.747 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

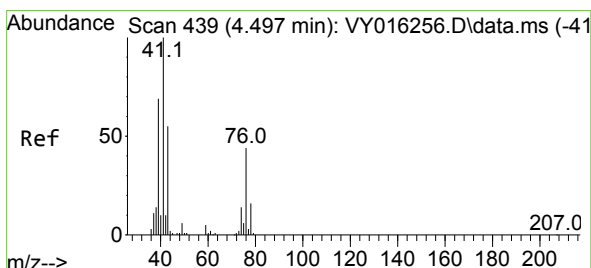
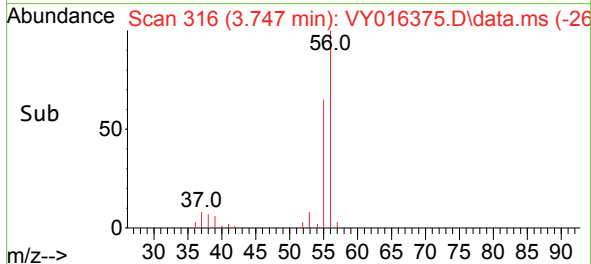
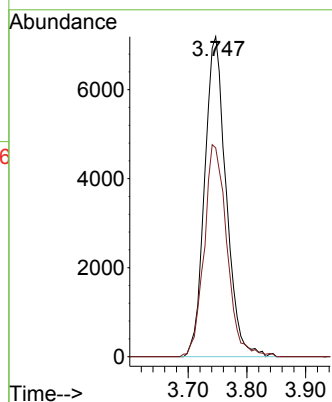
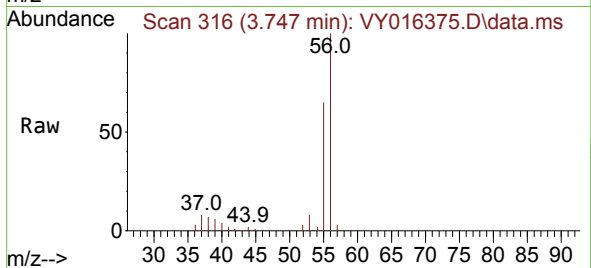
ClientSampleId :

Tgt Ion: 56 Resp: 18264

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 48.264 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

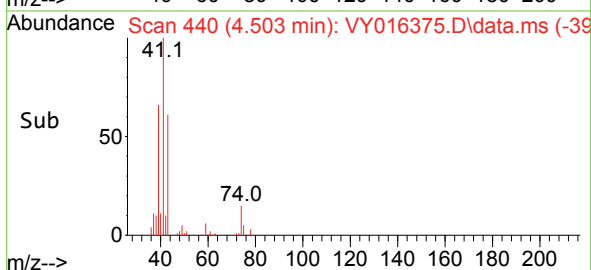
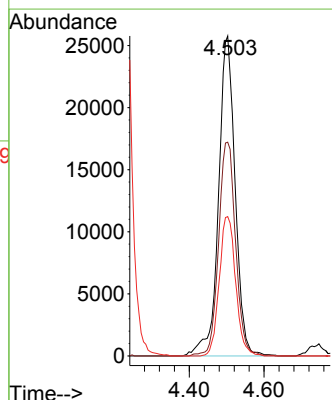
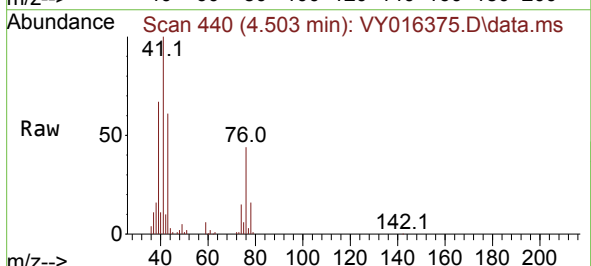
Tgt Ion: 41 Resp: 79661

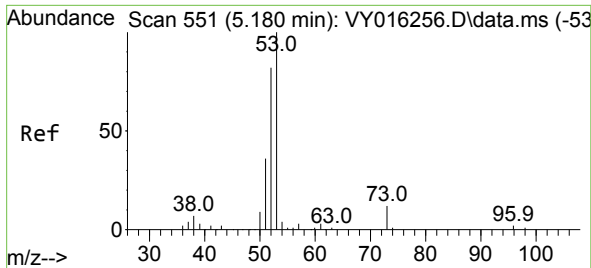
Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

76 42.9 27.4 41.2#

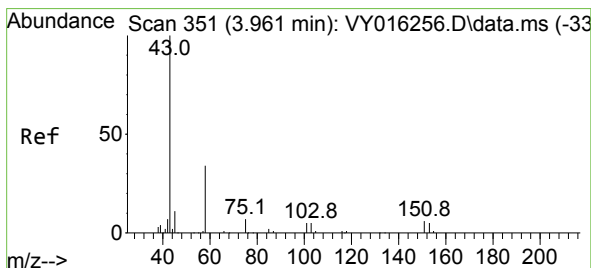
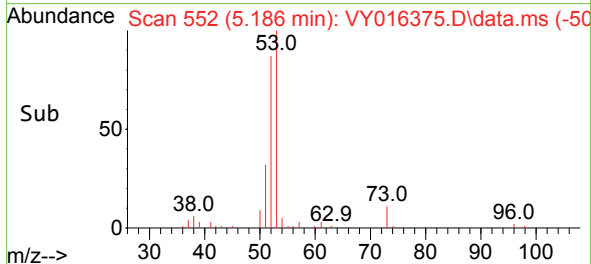
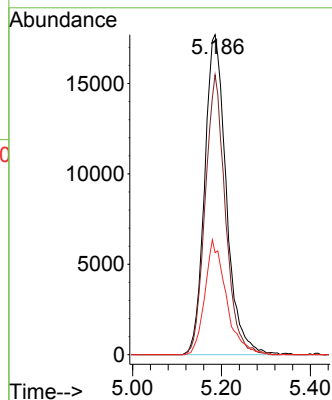
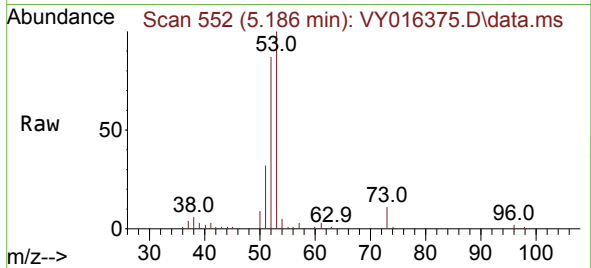




#15
Acrylonitrile
Concen: 244.958 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

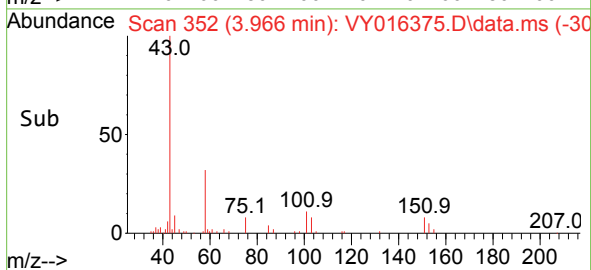
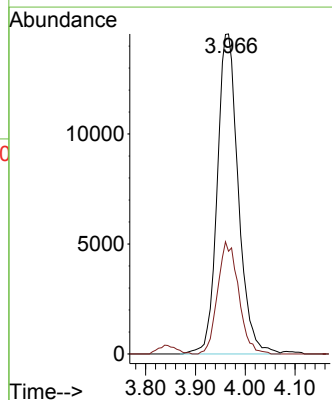
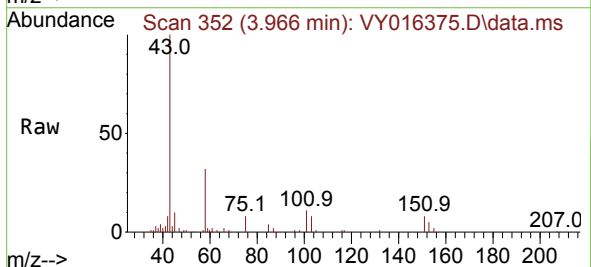
Instrument :
MSVOA_Y
ClientSampleId :

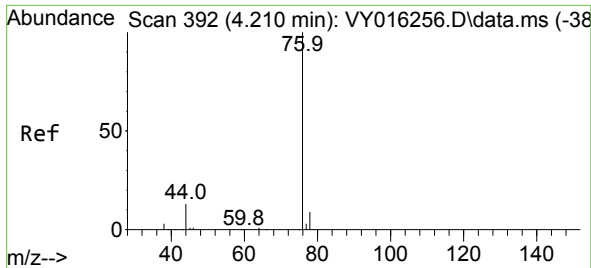
Tgt Ion: 53	Resp: 59994
Ion Ratio	Lower Upper
53 100	
52 81.7	66.9 100.3
51 35.5	29.8 44.6



#16
Acetone
Concen: 245.231 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 43	Resp: 42672
Ion Ratio	Lower Upper
43 100	
58 32.1	22.7 34.1





#17

Carbon Disulfide

Concen: 46.563 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

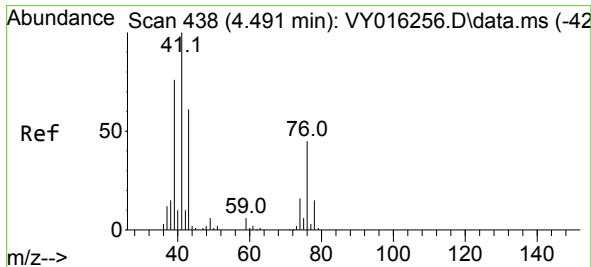
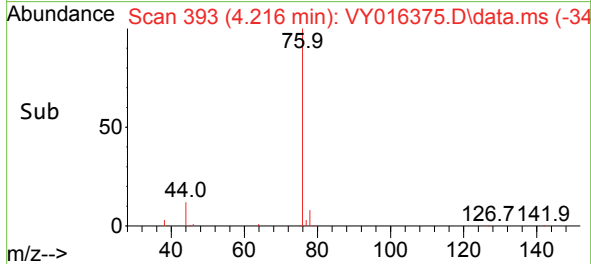
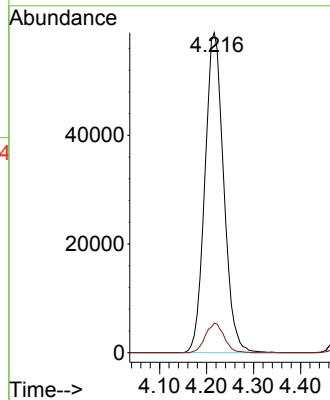
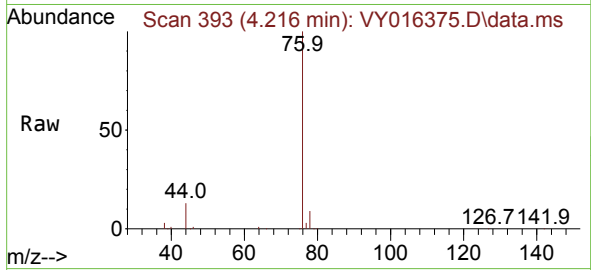
ClientSampleId :

Tgt Ion: 76 Resp: 163408

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 53.268 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016375.D

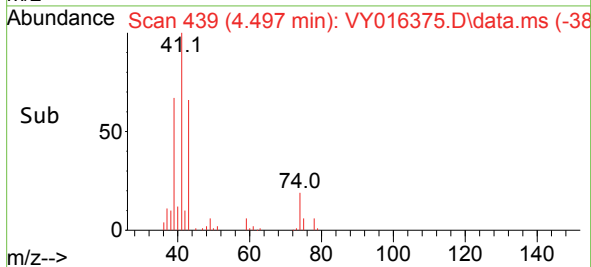
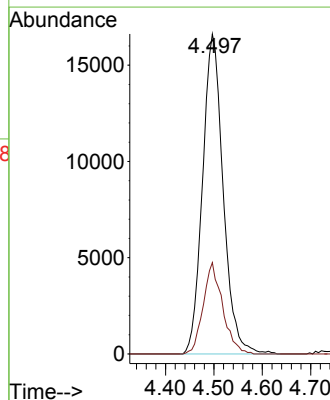
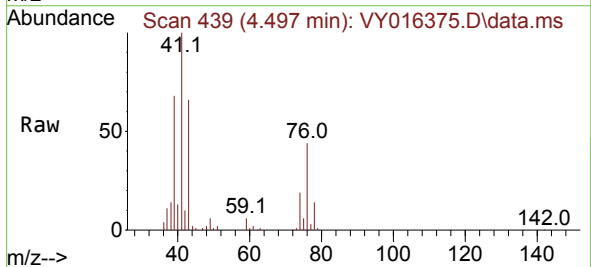
Acq: 15 Nov 2023 18:40

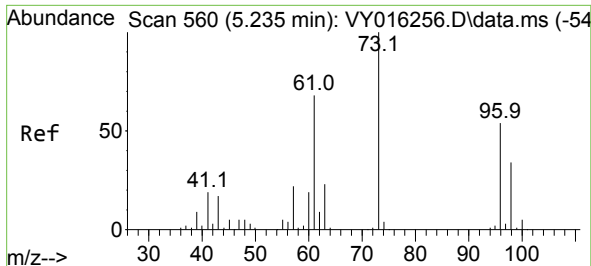
Tgt Ion: 43 Resp: 49253

Ion Ratio Lower Upper

43 100

74 26.9 17.4 26.0#

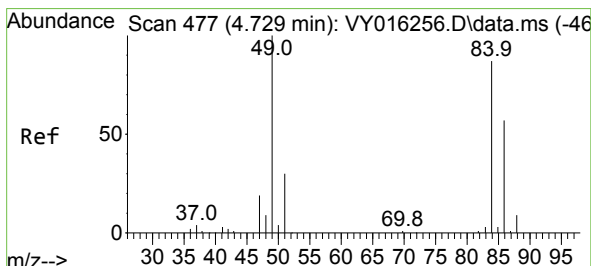
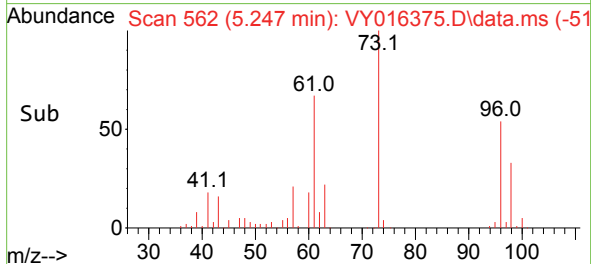
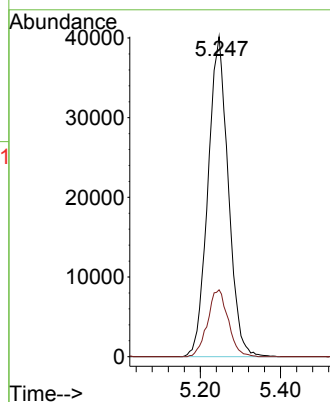
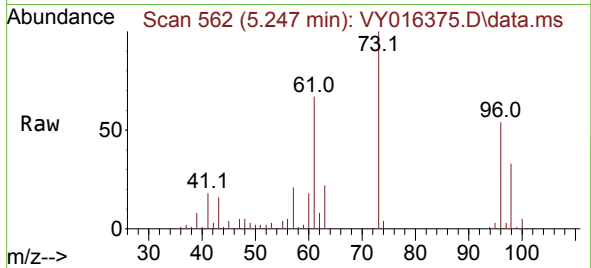




#19
Methyl tert-butyl Ether
Concen: 50.140 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

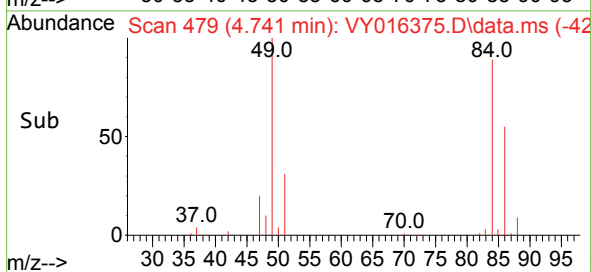
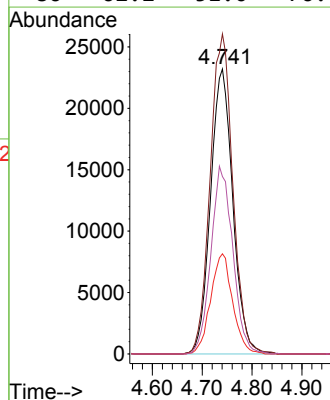
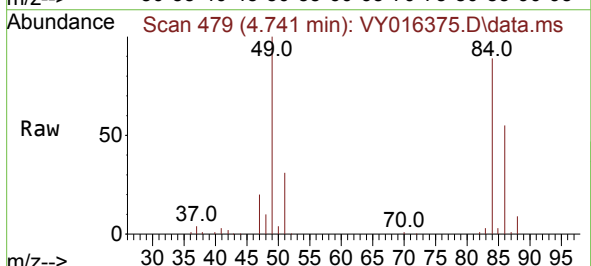
Instrument :
MSVOA_Y
ClientSampleId :

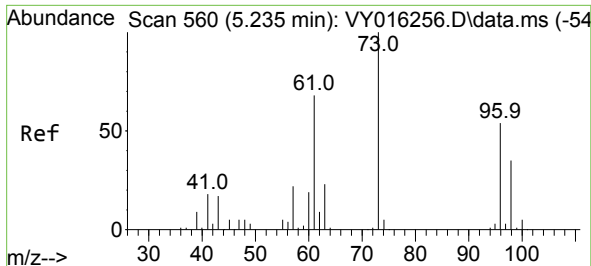
Tgt Ion: 73 Resp: 141150
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 59.298 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

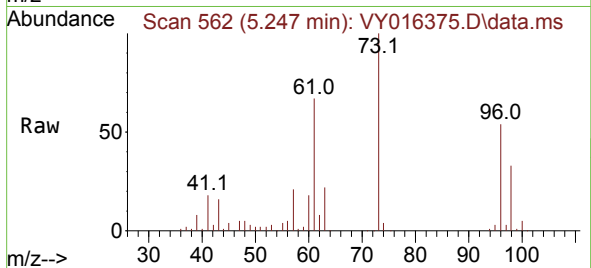
Tgt Ion: 84 Resp: 72096
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 35.2 33.2 49.8
86 62.2 51.0 76.6



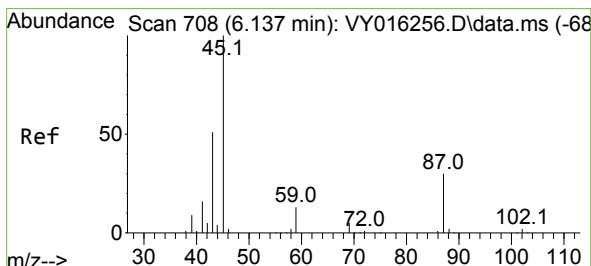
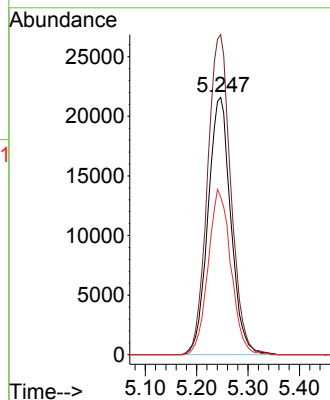
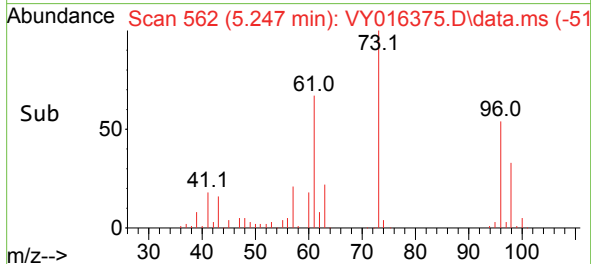


#21
trans-1,2-Dichloroethene
Concen: 49.699 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

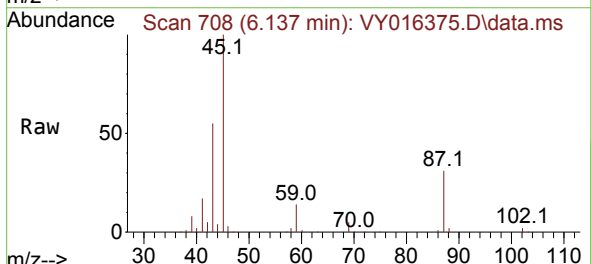
Instrument :
MSVOA_Y
ClientSampleId :



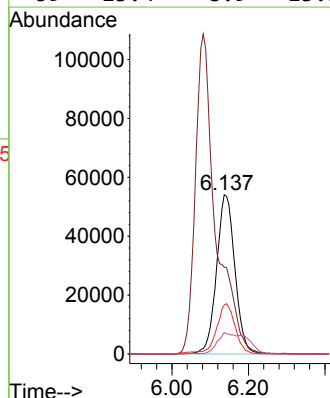
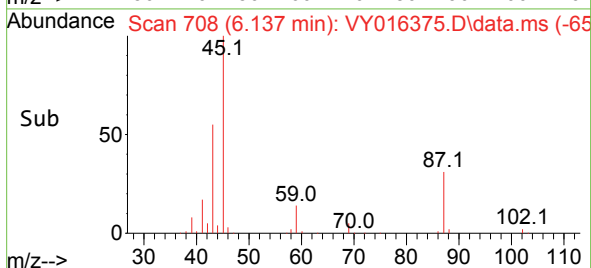
Tgt Ion: 96 Resp: 66556
Ion Ratio Lower Upper
96 100
61 124.3 110.2 165.4
98 61.3 51.8 77.6

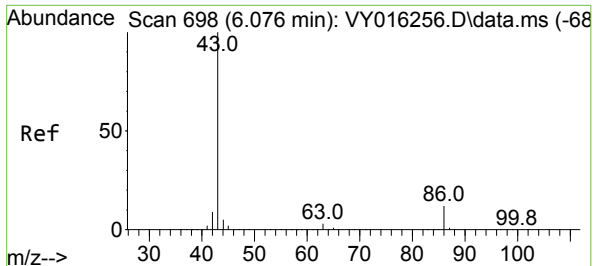


#22
Diisopropyl ether
Concen: 50.708 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40



Tgt Ion: 45 Resp: 180372
Ion Ratio Lower Upper
45 100
43 54.3 52.2 78.4
87 30.8 21.0 31.6
59 13.4 8.9 13.3#

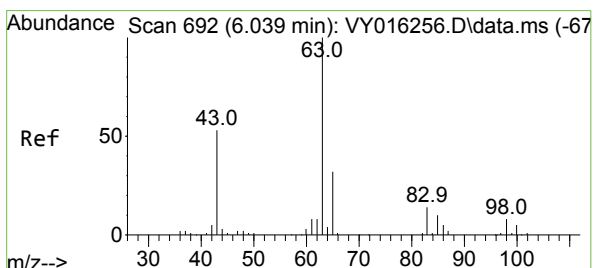
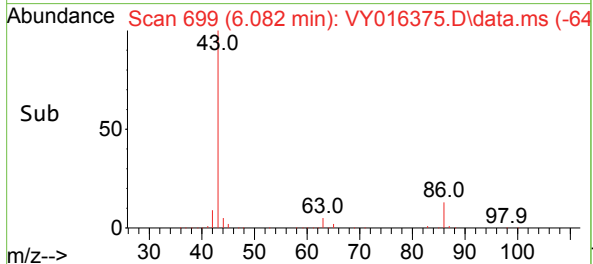
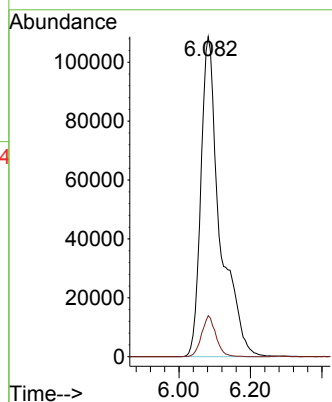
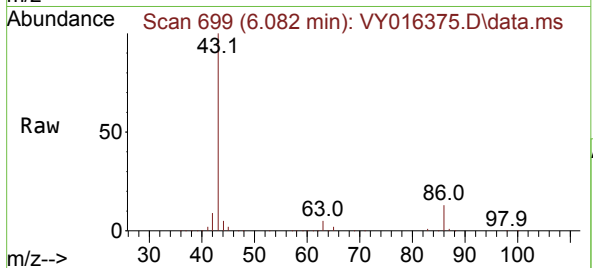




#23
 Vinyl Acetate
 Concen: 232.871 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

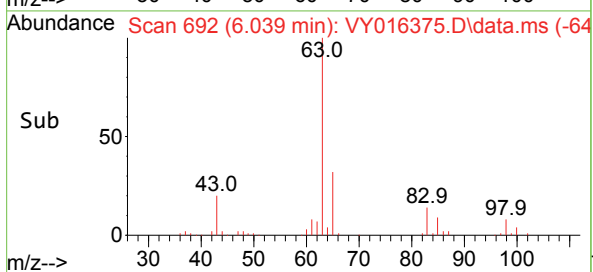
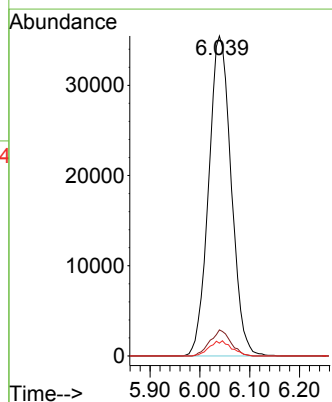
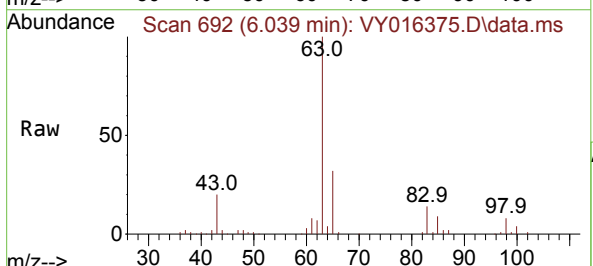
Instrument :
 MSVOA_Y
 ClientSampleId :

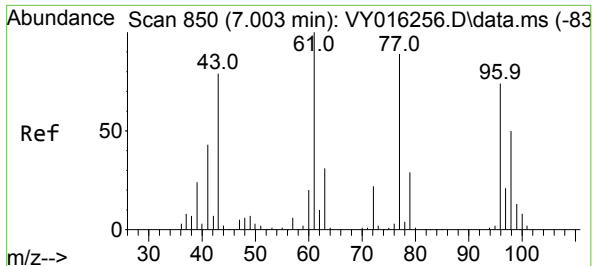
Tgt Ion: 43 Resp: 401373
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.759 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

Tgt Ion: 63 Resp: 111389
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 228.970 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

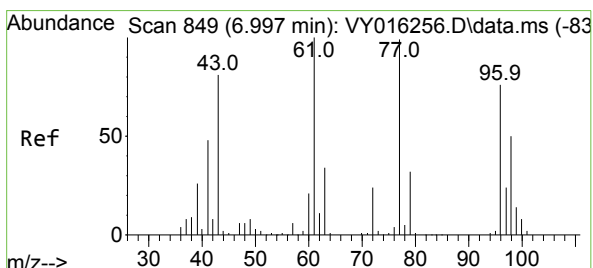
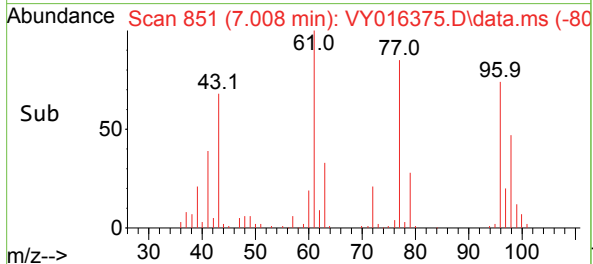
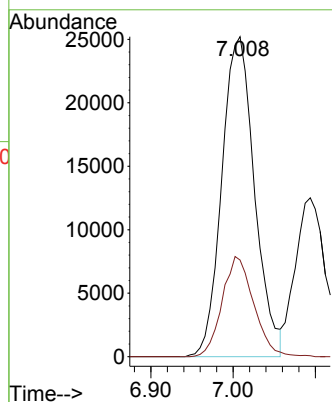
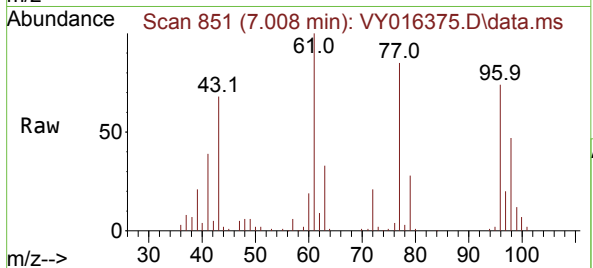
ClientSampleId :

Tgt Ion: 43 Resp: 69786

Ion Ratio Lower Upper

43 100

72 30.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.255 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016375.D

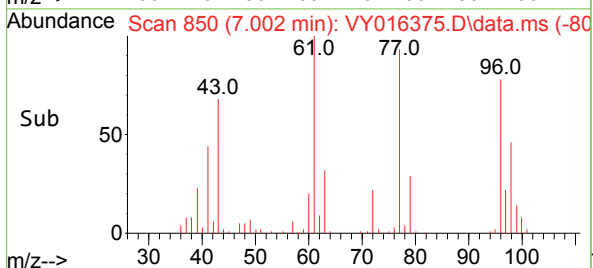
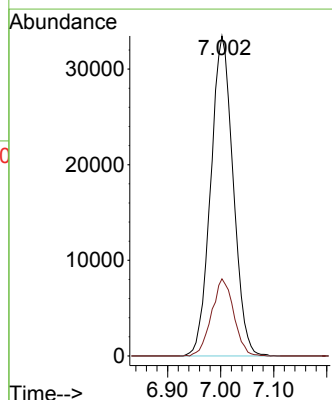
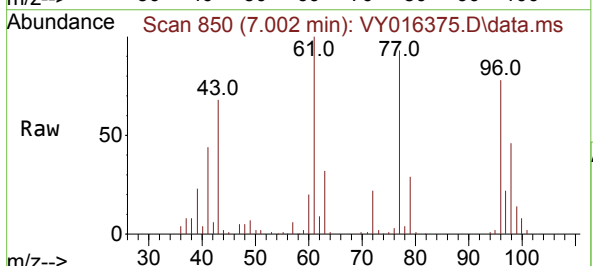
Acq: 15 Nov 2023 18:40

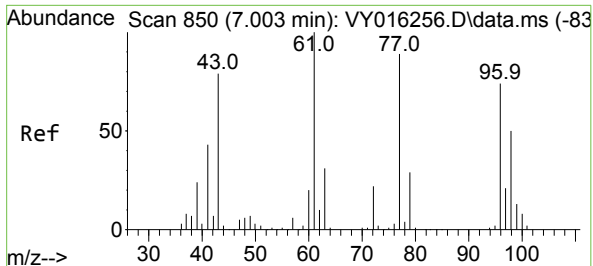
Tgt Ion: 77 Resp: 98374

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.438 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

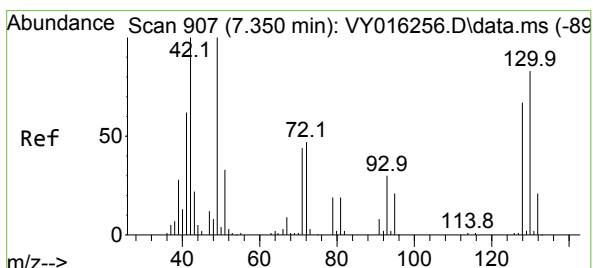
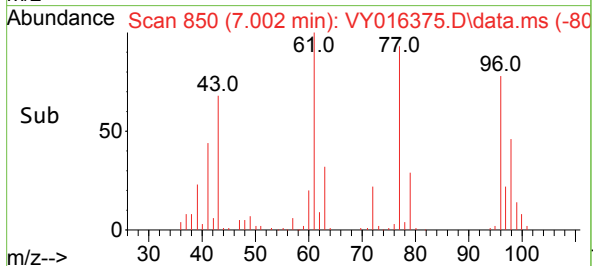
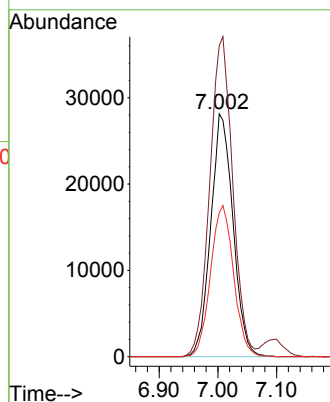
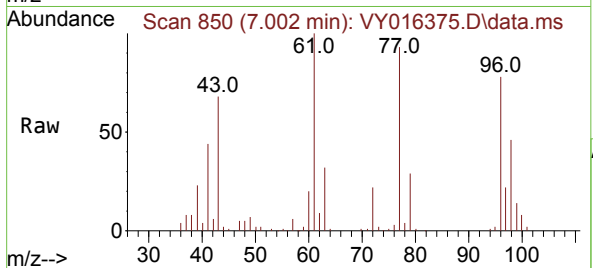
Tgt Ion: 96 Resp: 74237

Ion Ratio Lower Upper

96 100

61 135.3 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 53.706 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

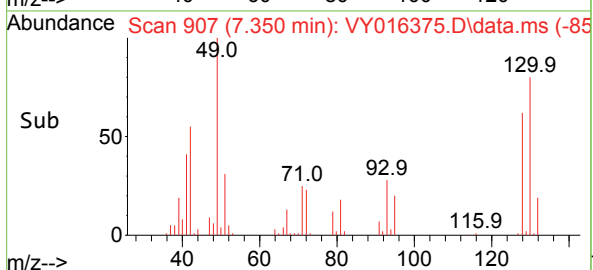
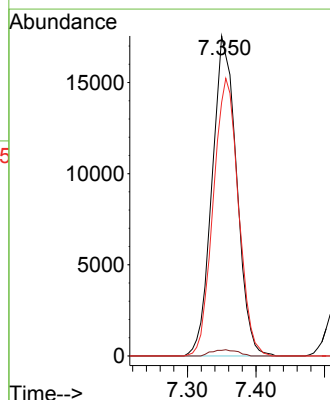
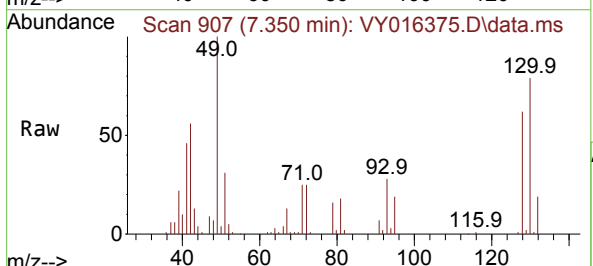
Tgt Ion: 49 Resp: 43618

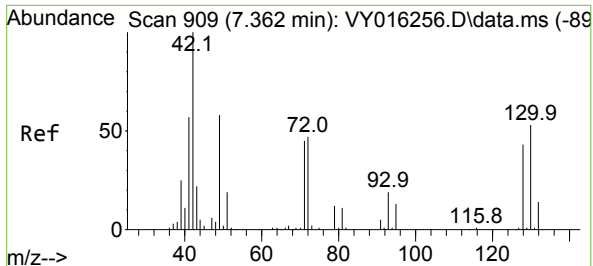
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 88.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 234.364 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

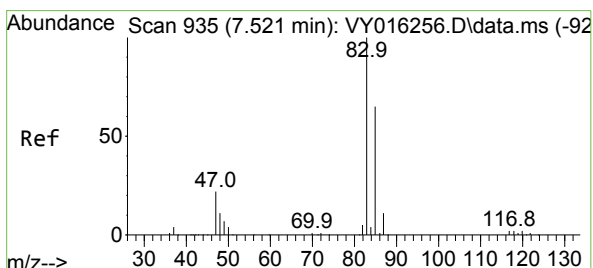
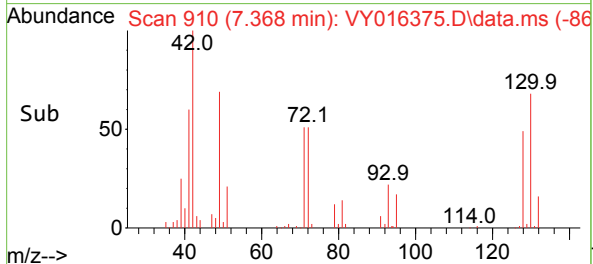
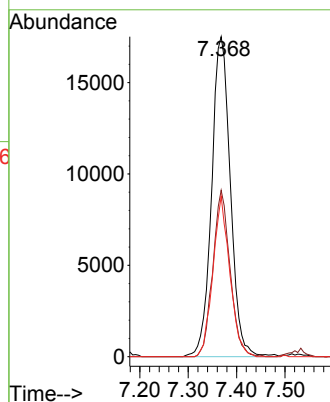
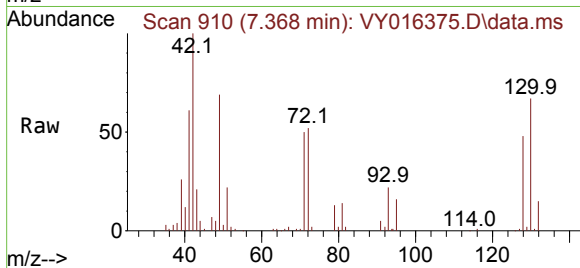
Tgt Ion: 42 Resp: 47213

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

71 45.1 31.0 46.4



#30

Chloroform

Concen: 52.303 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016375.D

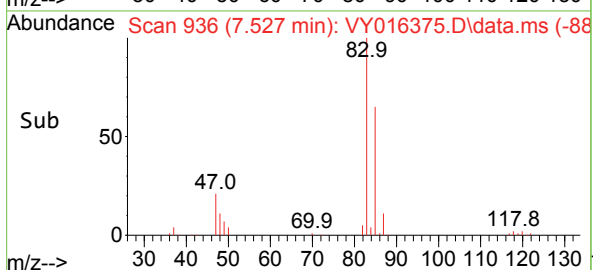
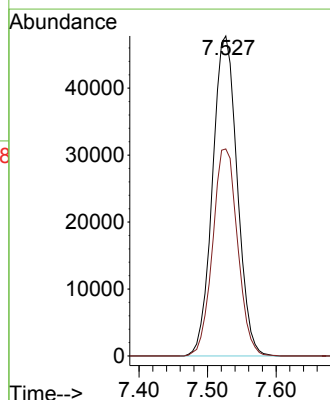
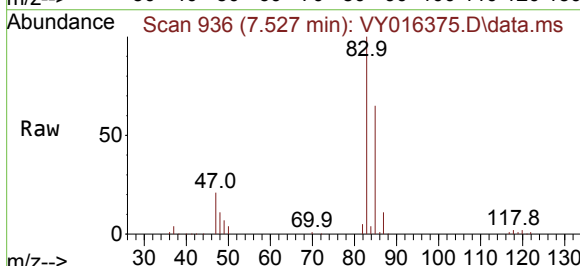
Acq: 15 Nov 2023 18:40

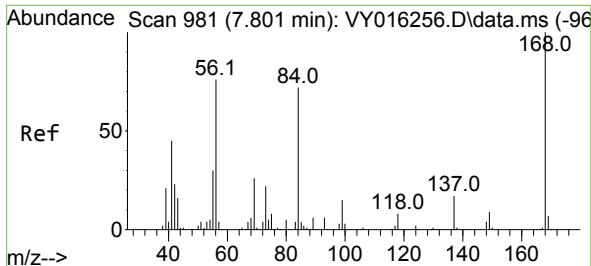
Tgt Ion: 83 Resp: 119470

Ion Ratio Lower Upper

83 100

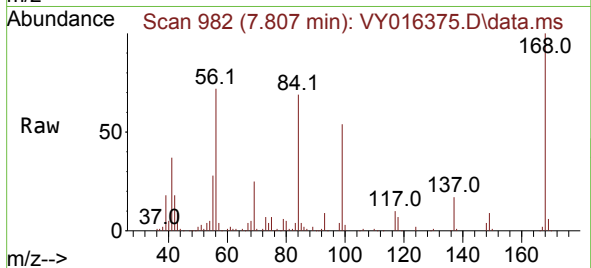
85 64.7 49.7 74.5



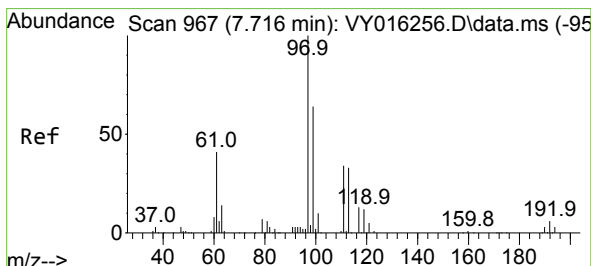
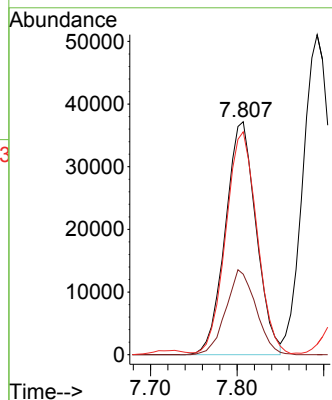
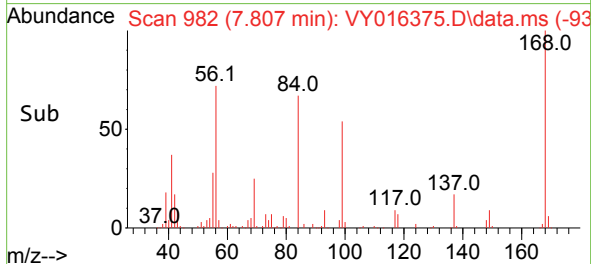


#31
Cyclohexane
Concen: 44.387 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :

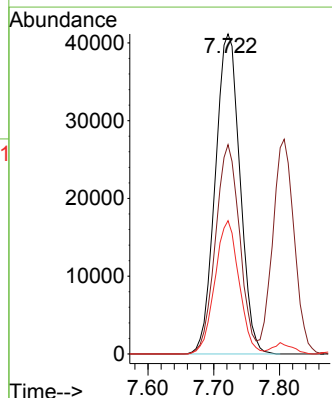
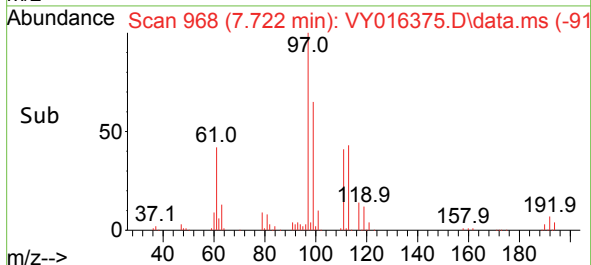
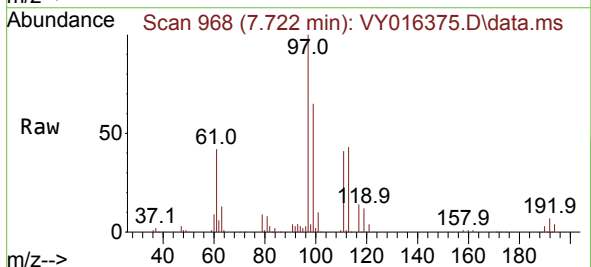


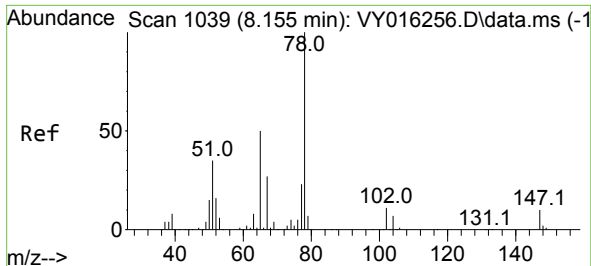
Tgt Ion: 56 Resp: 91930
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 94.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.303 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 97 Resp: 107420
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.0 35.1 52.7

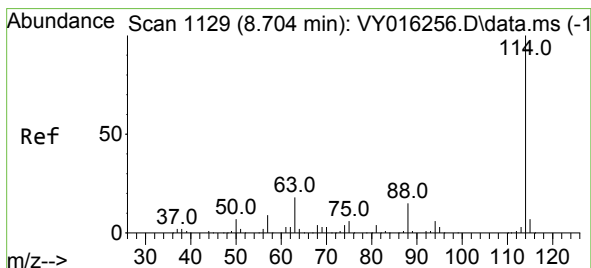
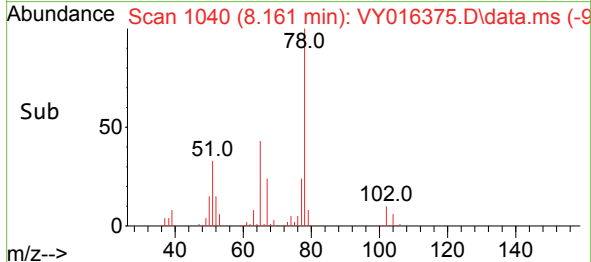
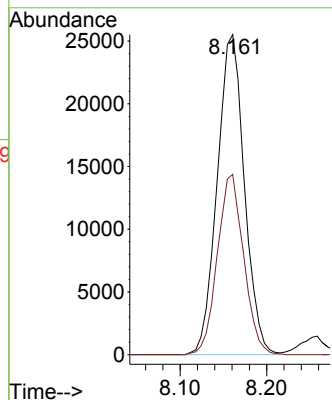
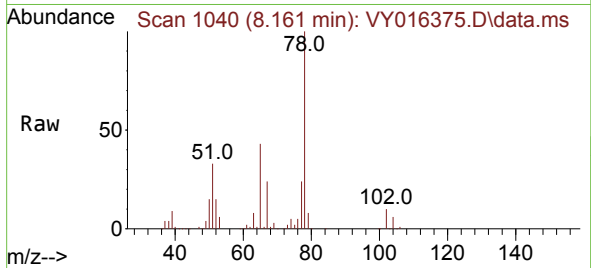




#33
 1,2-Dichloroethane-d4
 Concen: 52.833 ug/l
 RT: 8.161 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

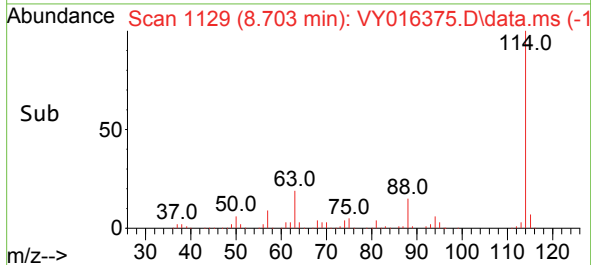
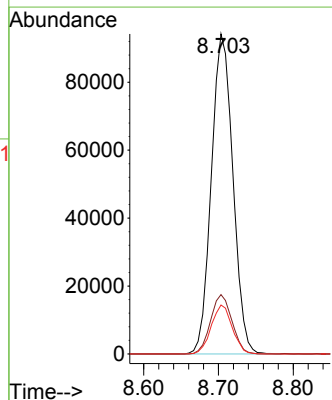
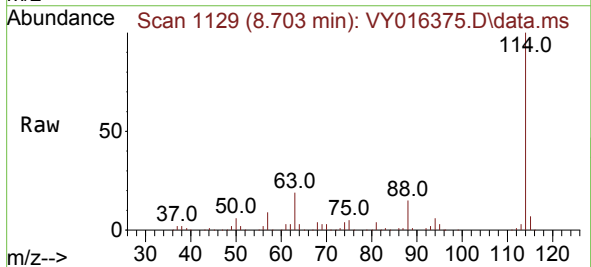
Instrument :
 MSVOA_Y
 ClientSampleId :

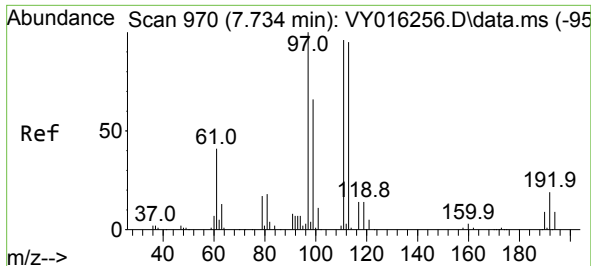
Tgt Ion: 65 Resp: 55578
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

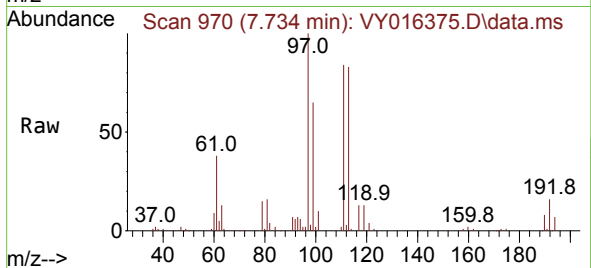
Tgt Ion:114 Resp: 188990
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 15.3 0.0 30.6



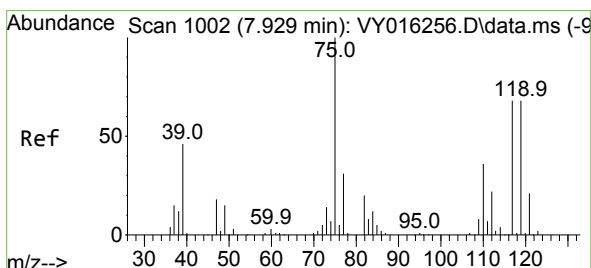
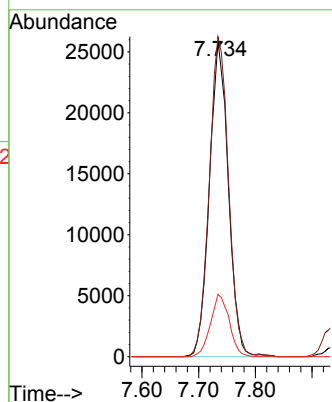
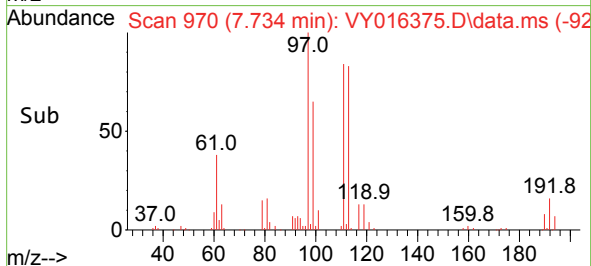


#35
Dibromofluoromethane
Concen: 55.775 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

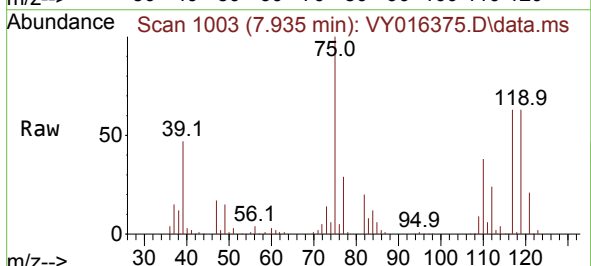
Instrument :
MSVOA_Y
ClientSampleId :



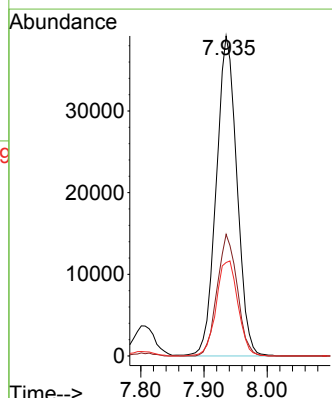
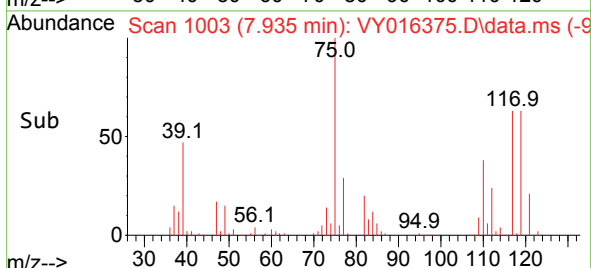
Tgt Ion:113 Resp: 59879
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.6 16.9 25.3

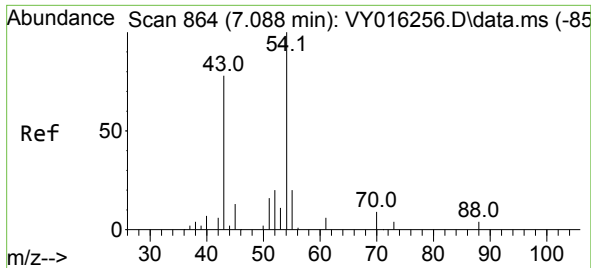


#36
1,1-Dichloropropene
Concen: 47.545 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40



Tgt Ion: 75 Resp: 88633
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 44.034 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

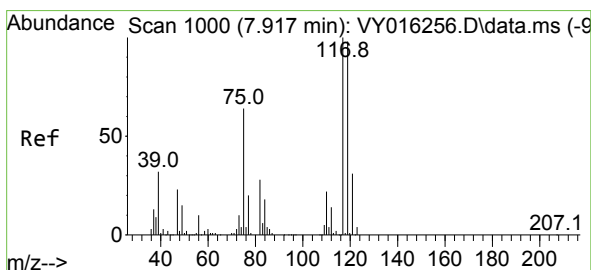
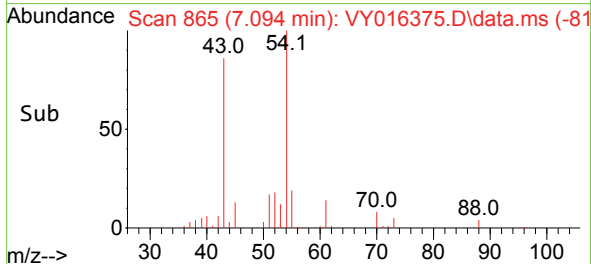
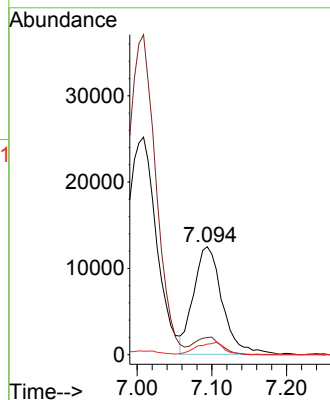
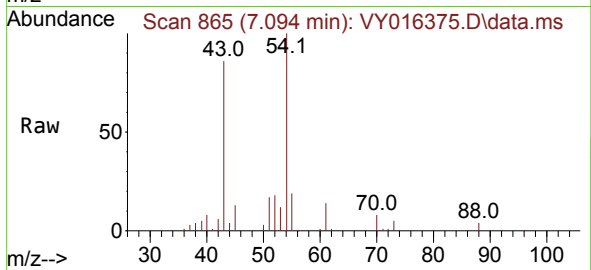
Tgt Ion: 43 Resp: 33167

Ion Ratio Lower Upper

43 100

61 15.5 10.1 15.1#

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.272 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

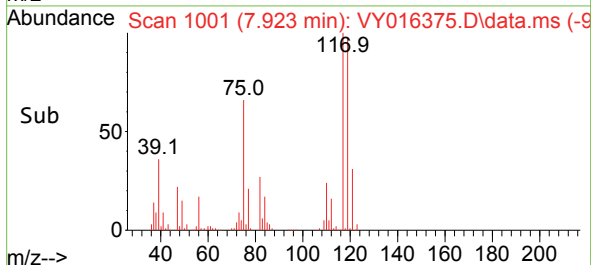
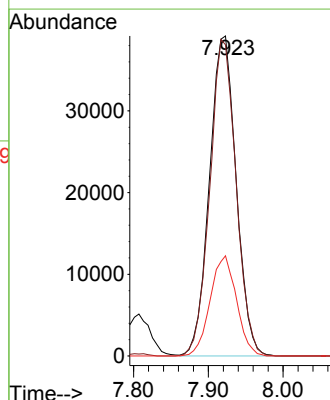
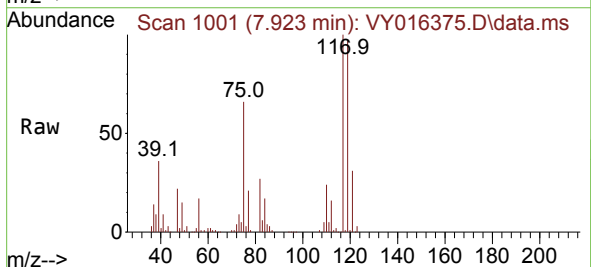
Tgt Ion: 117 Resp: 97263

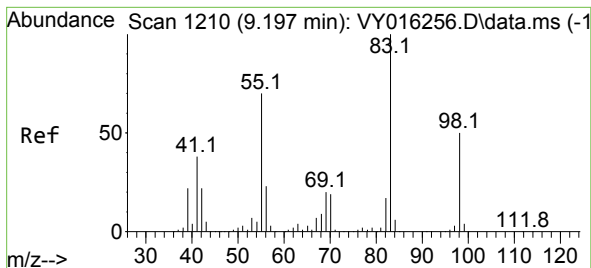
Ion Ratio Lower Upper

117 100

119 97.3 76.4 114.6

121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 45.624 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

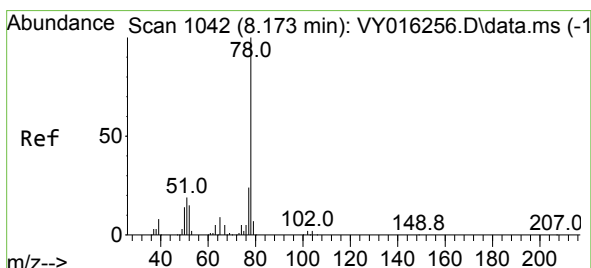
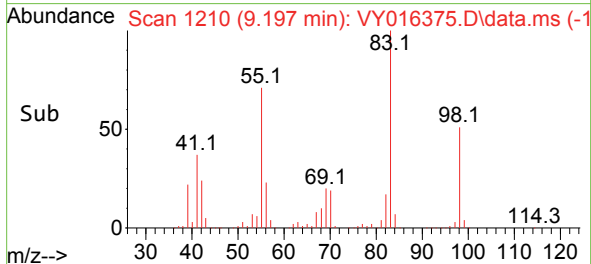
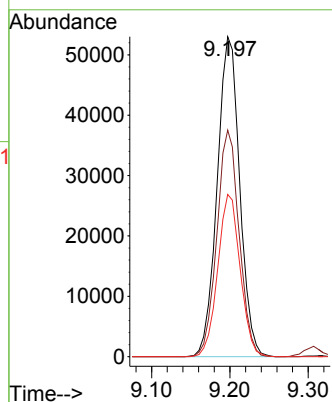
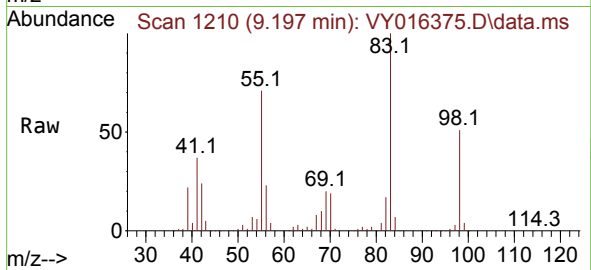
Tgt Ion: 83 Resp: 105980

Ion Ratio Lower Upper

83 100

55 70.8 63.0 94.4

98 50.7 37.4 56.2



#40

Benzene

Concen: 49.908 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016375.D

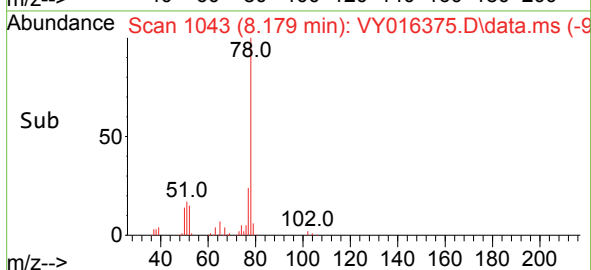
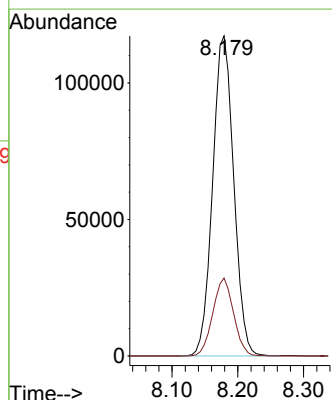
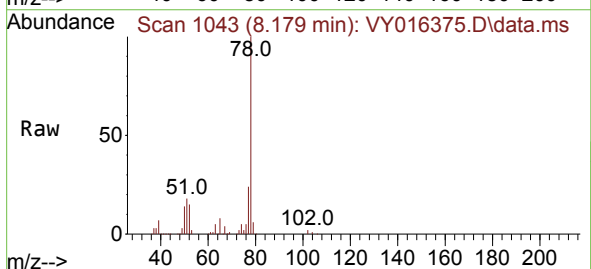
Acq: 15 Nov 2023 18:40

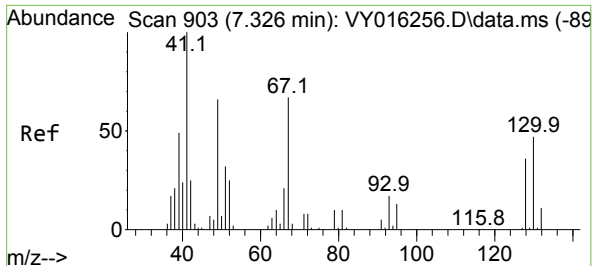
Tgt Ion: 78 Resp: 261390

Ion Ratio Lower Upper

78 100

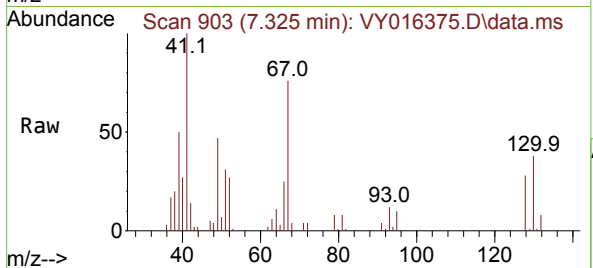
77 24.3 19.0 28.6



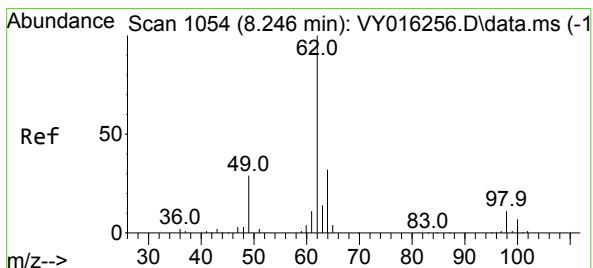
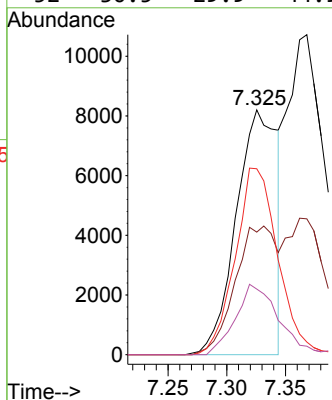
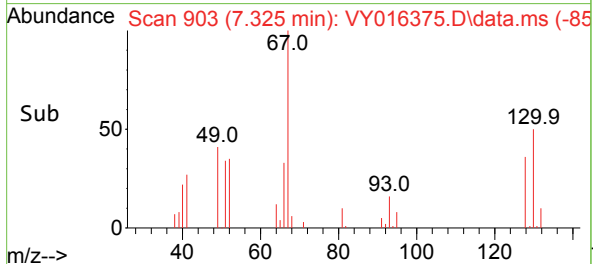


#41
Methacrylonitrile
Concen: 52.385 ug/l
RT: 7.325 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

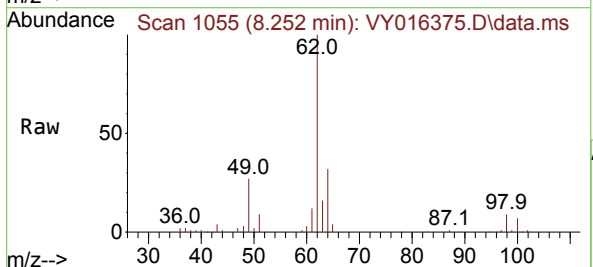
Instrument :
MSVOA_Y
ClientSampleId :



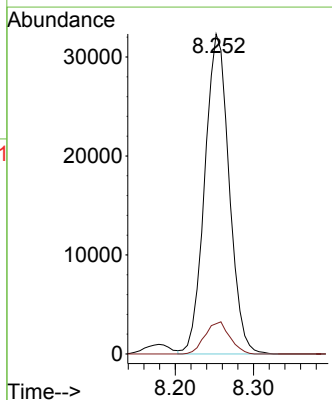
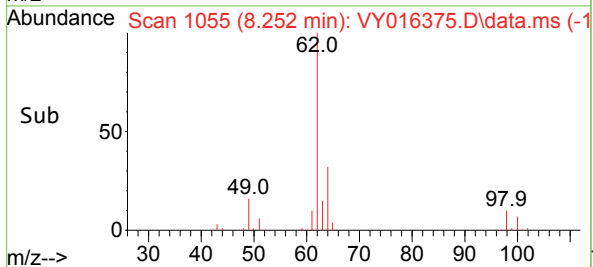
Tgt Ion:	41	Resp:	19895
Ion Ratio	100	Lower	Upper
39	53.4	52.1	78.1
67	79.3	66.2	99.2
52	30.5	29.9	44.9

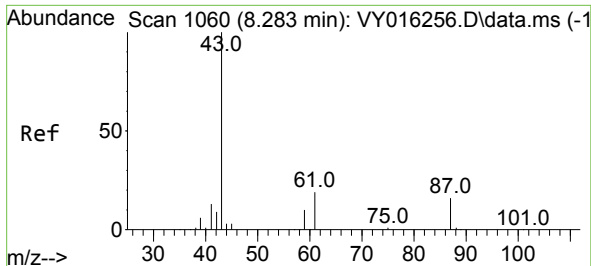


#42
1,2-Dichloroethane
Concen: 51.470 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40



Tgt Ion:	62	Resp:	69848
Ion Ratio	100	Lower	Upper
98	10.2	0.0	15.8

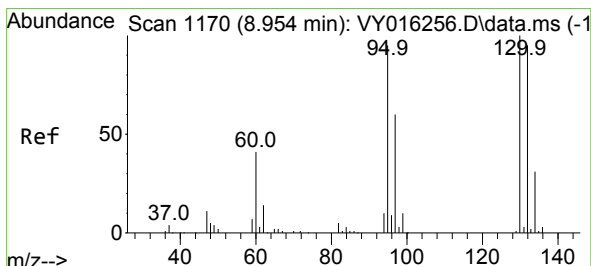
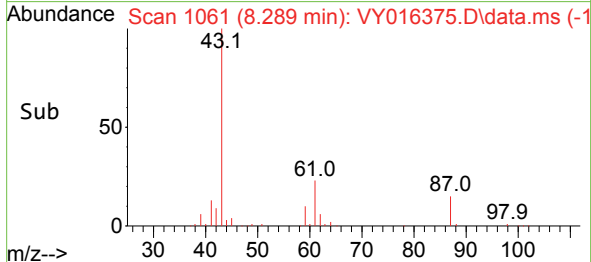
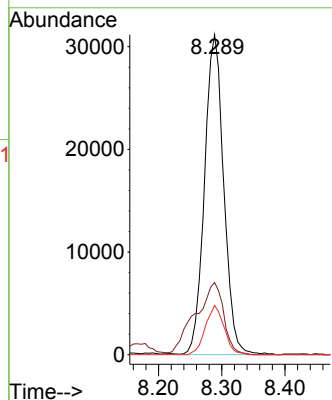
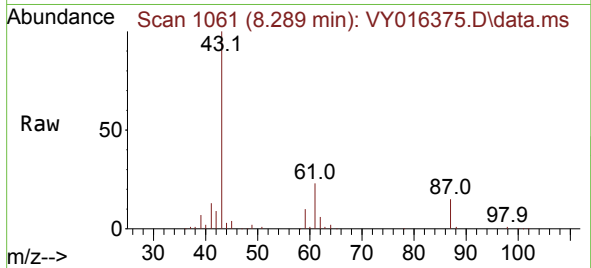




#43
Isopropyl Acetate
Concen: 45.344 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

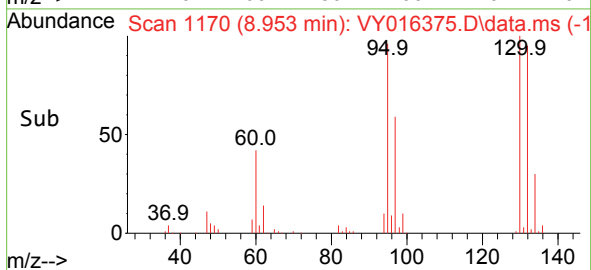
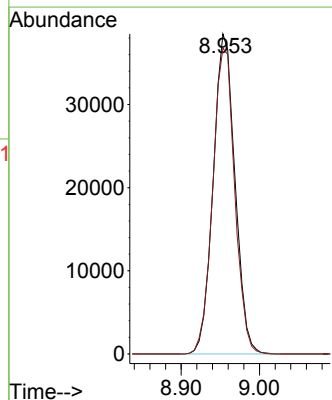
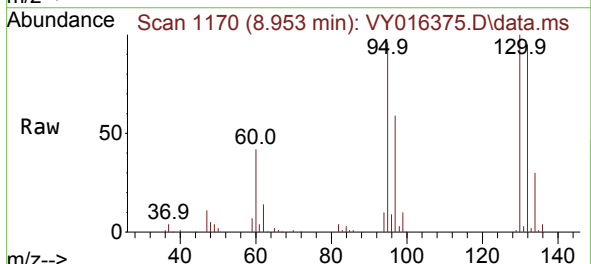
Instrument :
MSVOA_Y
ClientSampleId :

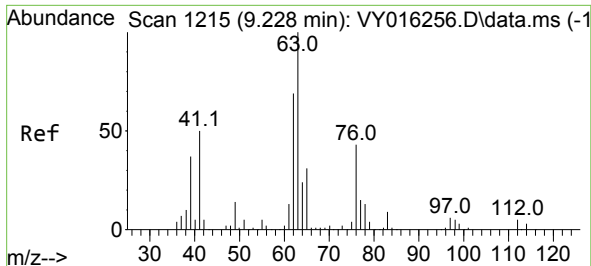
Tgt Ion: 43 Resp: 66019
Ion Ratio Lower Upper
43 100
61 33.3 21.1 31.7#
87 15.0 9.8 14.8#



#44
Trichloroethene
Concen: 49.381 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion:130 Resp: 74330
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.921 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

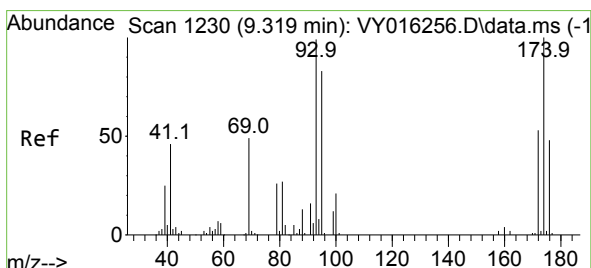
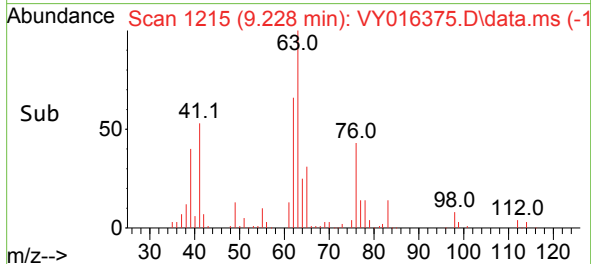
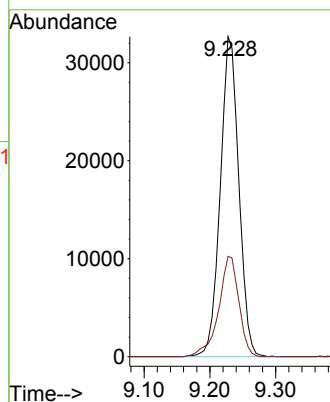
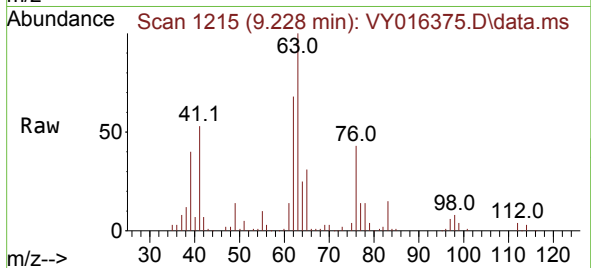
ClientSampleId :

Tgt Ion: 63 Resp: 64050

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 50.255 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

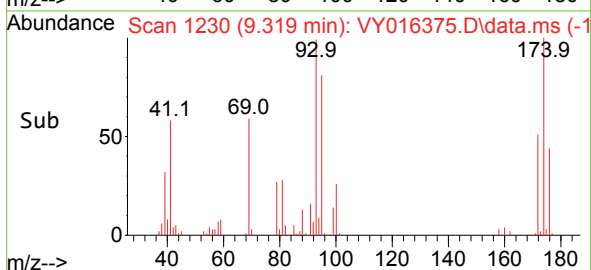
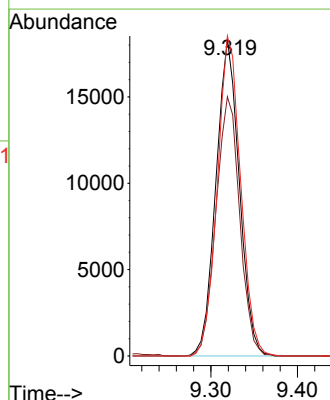
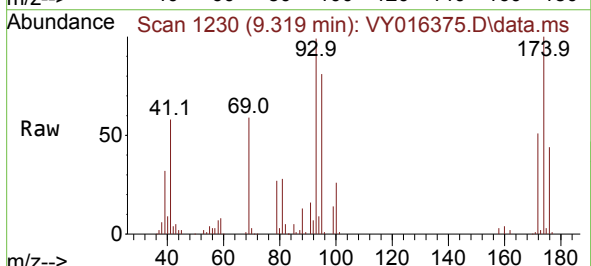
Tgt Ion: 93 Resp: 34255

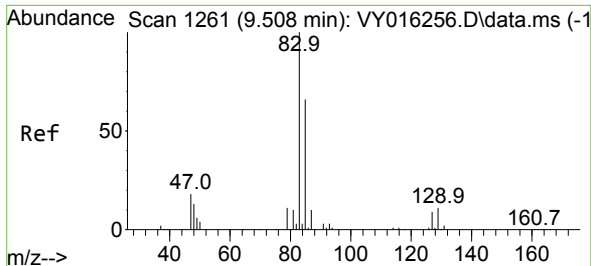
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

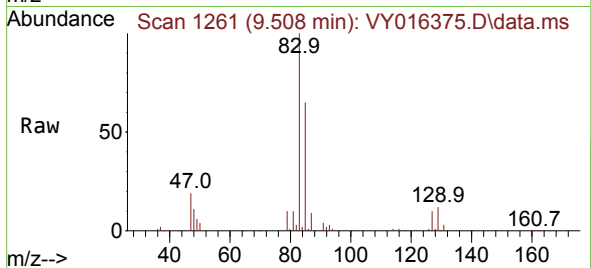
174 101.2 84.8 127.2



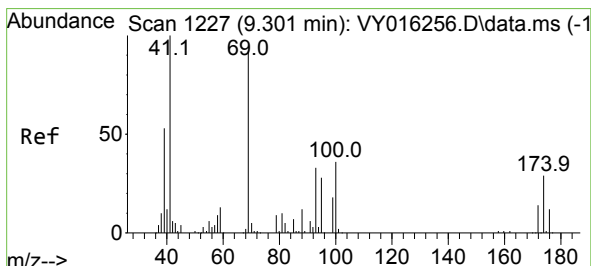
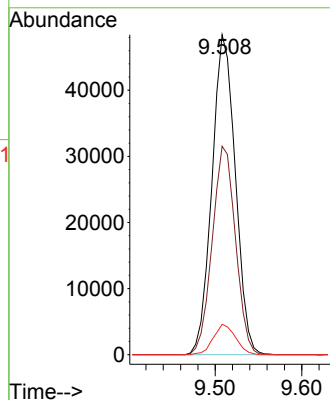
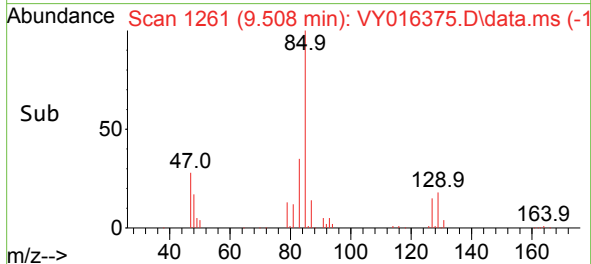


#47
Bromodichloromethane
Concen: 51.794 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :

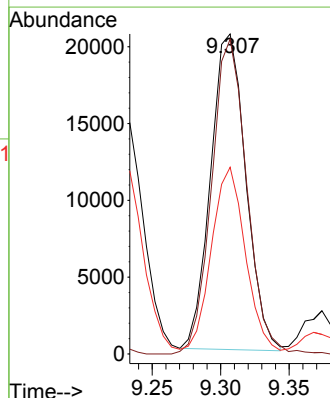
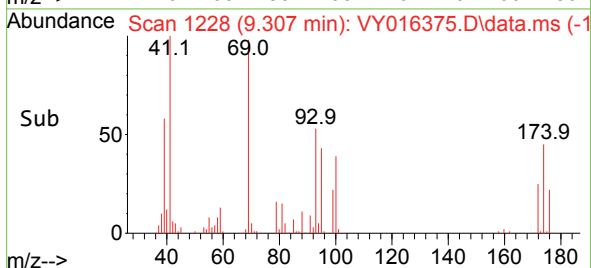
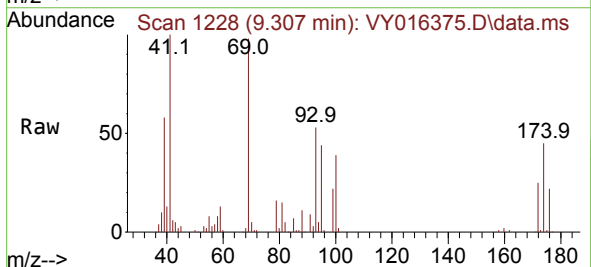


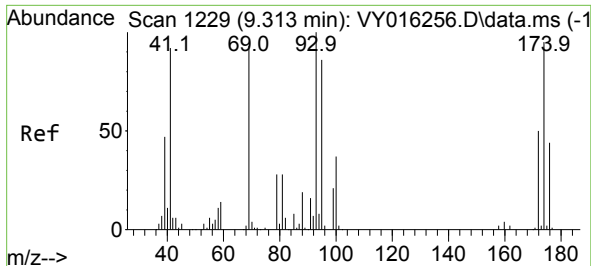
Tgt Ion: 83 Resp: 90762
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 45.635 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 41 Resp: 36721
Ion Ratio Lower Upper
41 100
69 99.5 64.5 96.7#
39 55.5 50.8 76.2





#49

1,4-Dioxane

Concen: 879.859 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

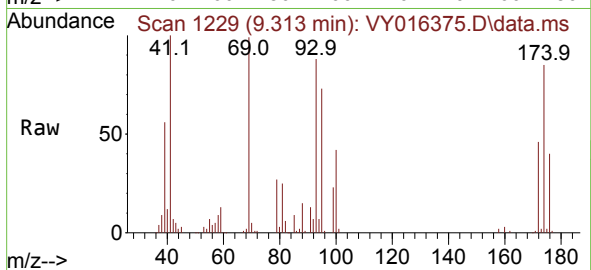
Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :



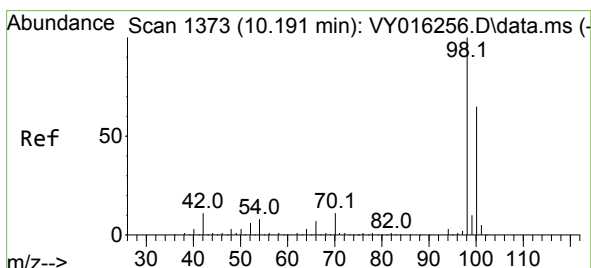
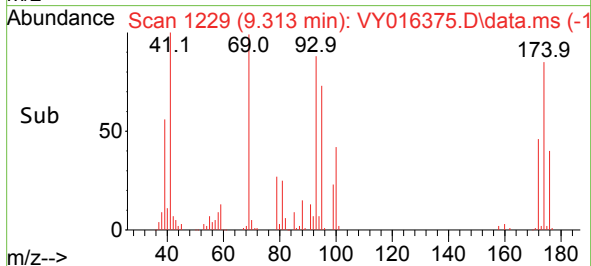
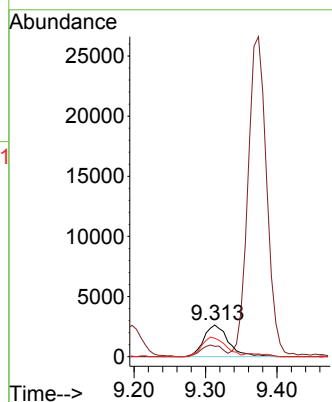
Tgt Ion: 88 Resp: 6367

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0#

58 60.0 30.9 46.3#



#50

Toluene-d8

Concen: 52.721 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016375.D

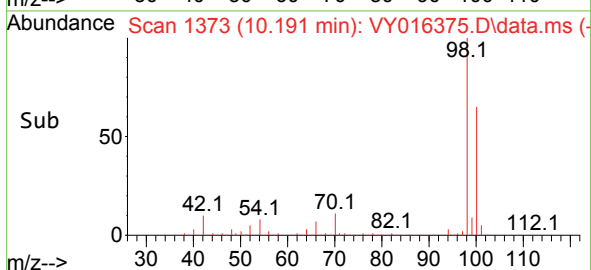
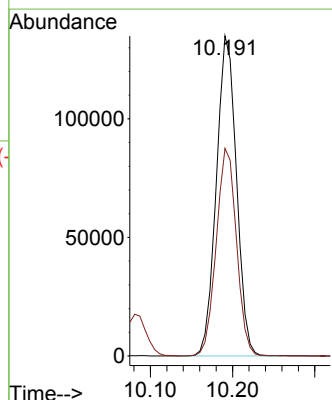
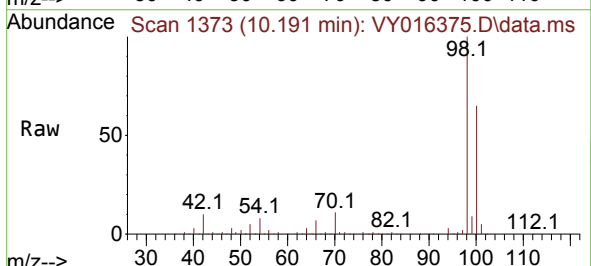
Acq: 15 Nov 2023 18:40

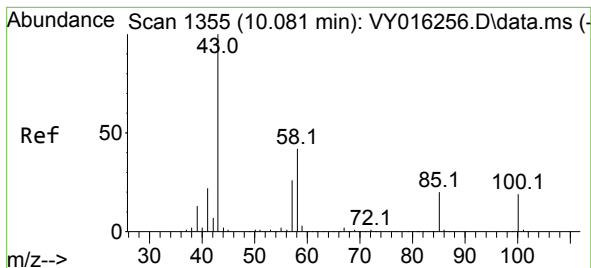
Tgt Ion: 98 Resp: 229528

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

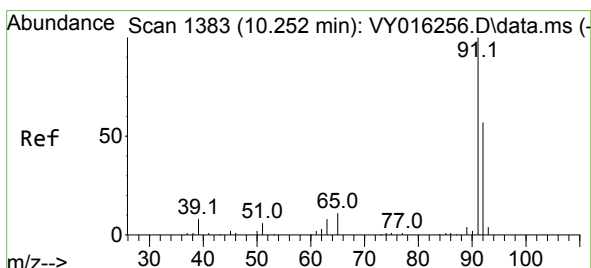
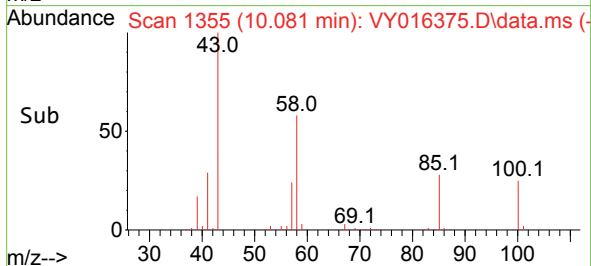
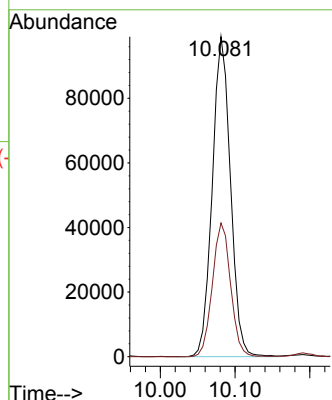
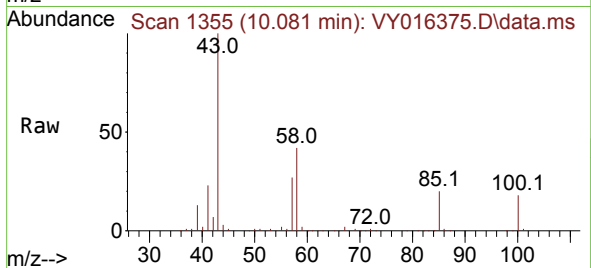




#51
4-Methyl-2-Pentanone
Concen: 228.448 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

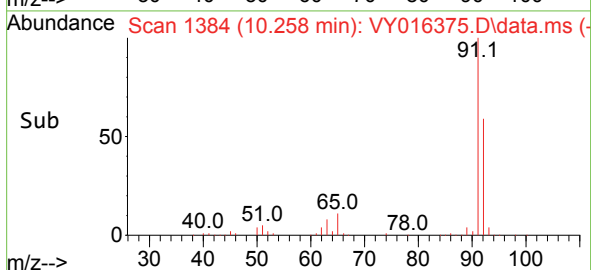
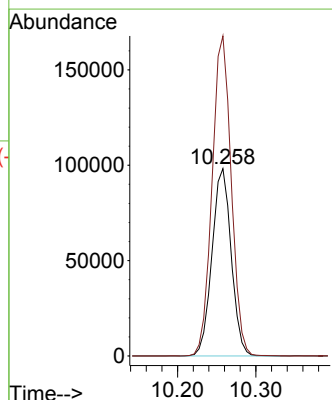
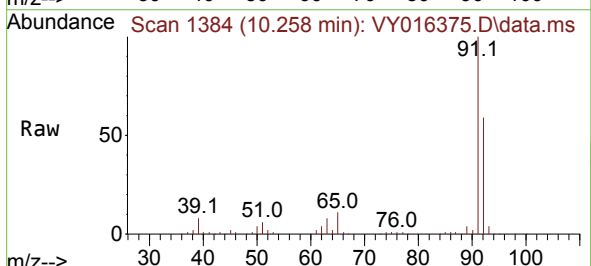
Instrument :
MSVOA_Y
ClientSampleId :

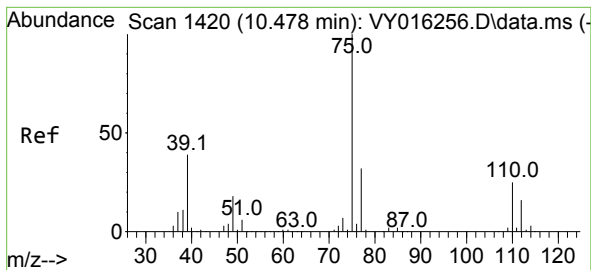
Tgt Ion: 43 Resp: 168194
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 50.436 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 92 Resp: 166981
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6

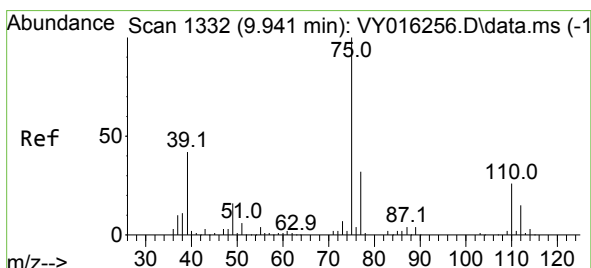
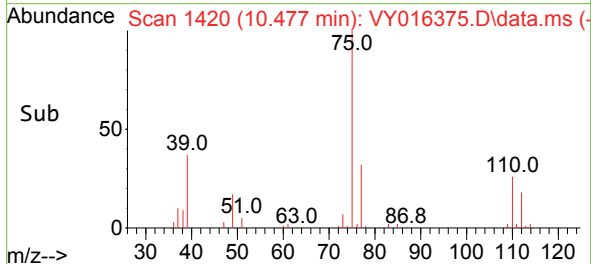
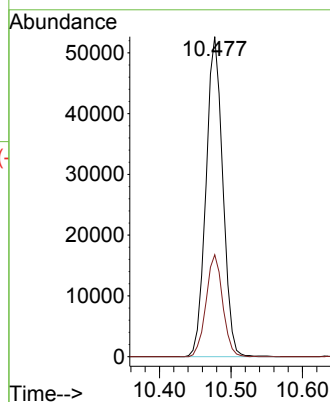
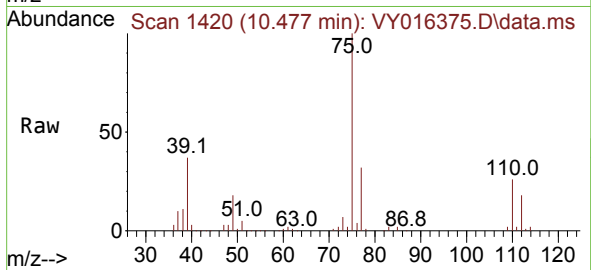




#53
 t-1,3-Dichloropropene
 Concen: 50.494 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

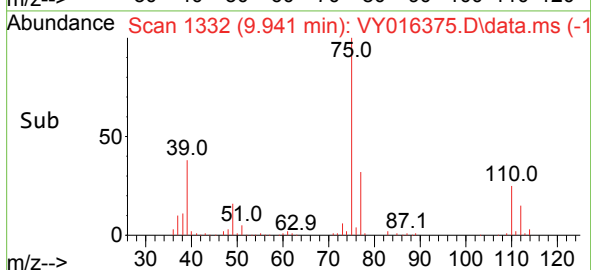
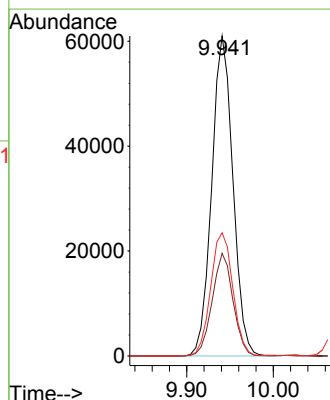
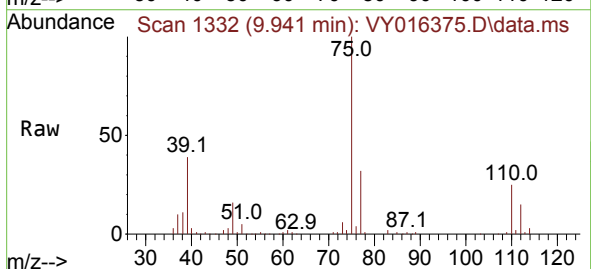
Instrument :
 MSVOA_Y
 ClientSampleId :

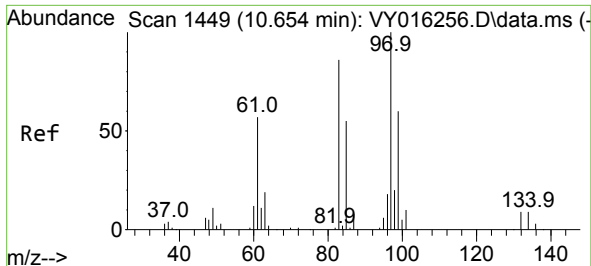
Tgt Ion: 75 Resp: 85779
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.040 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016375.D
 Acq: 15 Nov 2023 18:40

Tgt Ion: 75 Resp: 103560
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 38.5 42.2 63.4#

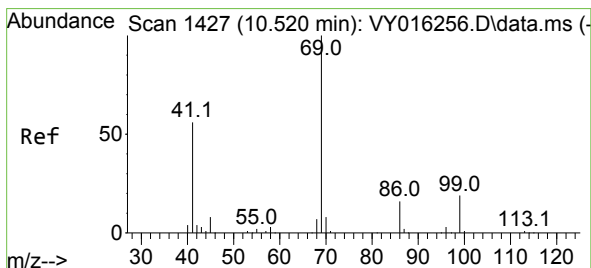
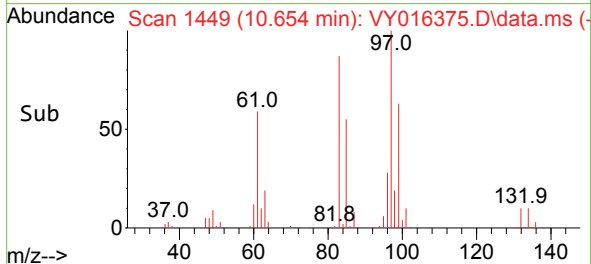
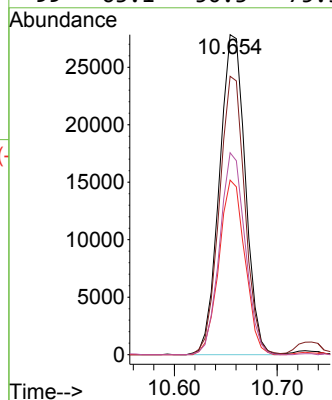
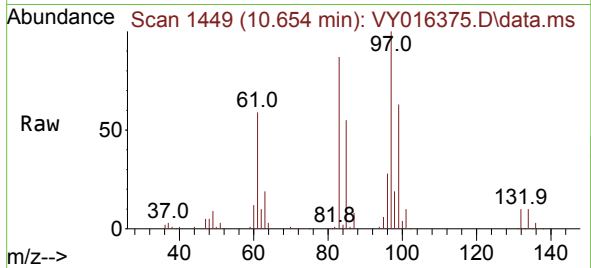




#55
1,1,2-Trichloroethane
Concen: 51.838 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

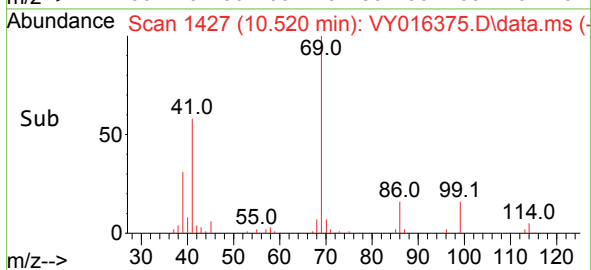
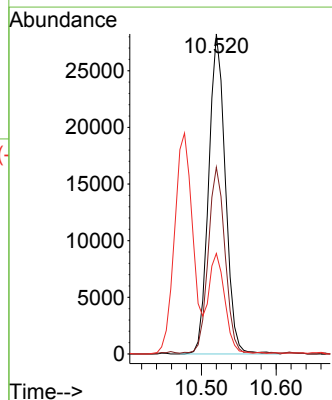
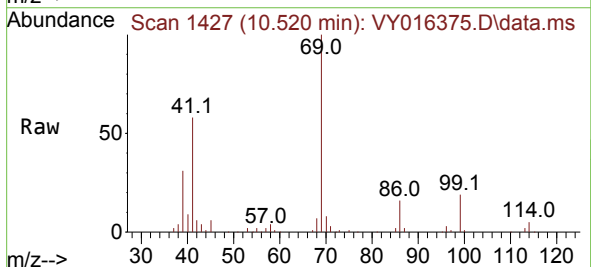
Instrument :
MSVOA_Y
ClientSampleId :

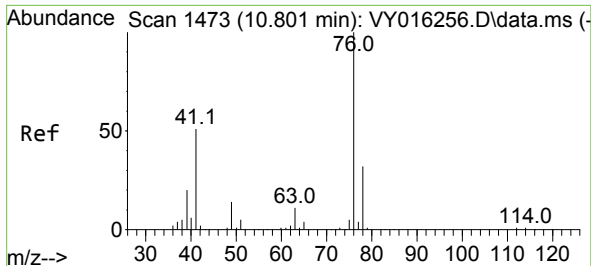
Tgt Ion:	97	Resp:	48701
Ion	Ratio	Lower	Upper
97	100		
83	87.0	72.0	108.0
85	54.5	45.4	68.0
99	63.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.389 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion:	69	Resp:	43800
Ion	Ratio	Lower	Upper
69	100		
41	58.3	57.6	86.4
39	29.6	34.1	51.1

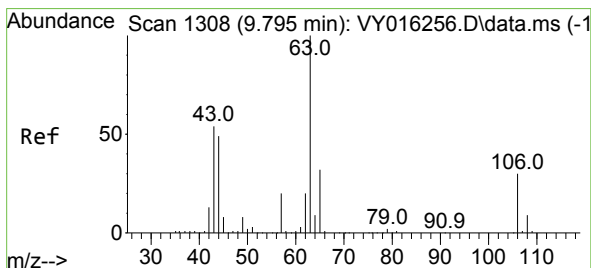
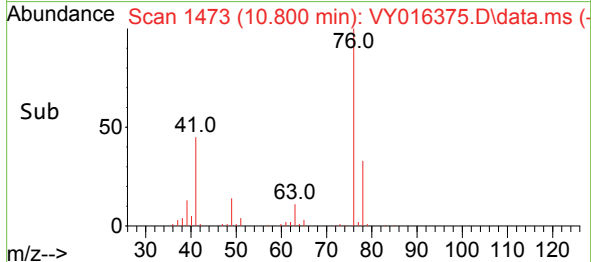
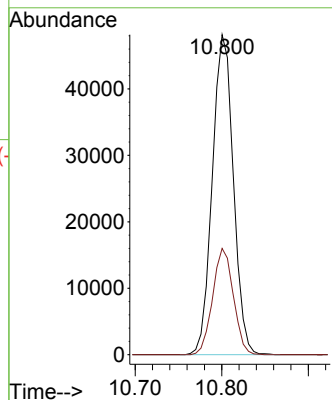
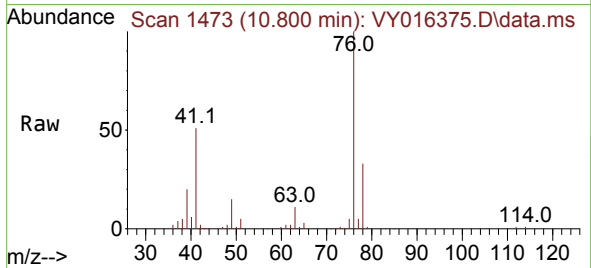




#57
1,3-Dichloropropane
Concen: 50.769 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

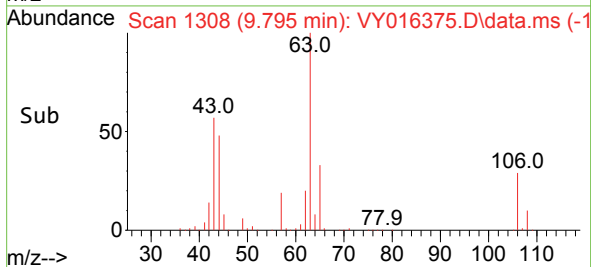
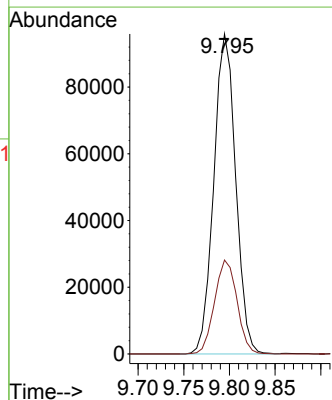
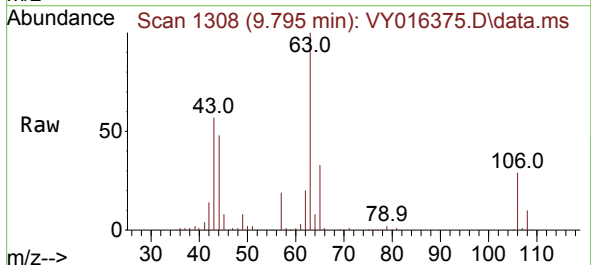
Instrument :
MSVOA_Y
ClientSampleId :

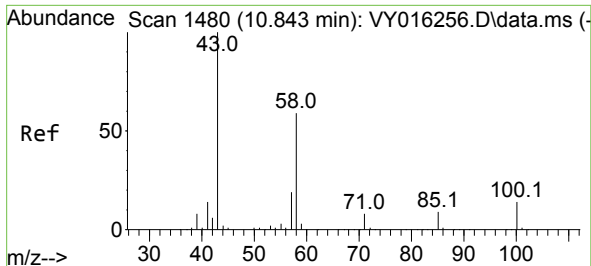
Tgt Ion: 76 Resp: 81303
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 265.601 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 63 Resp: 159716
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8





#59

2-Hexanone

Concen: 205.147 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

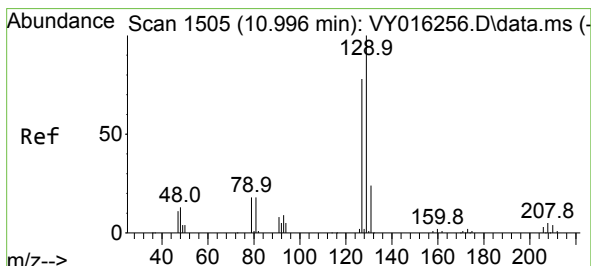
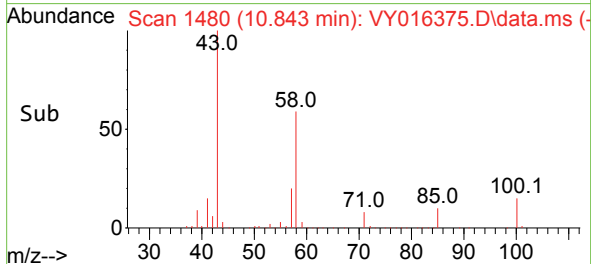
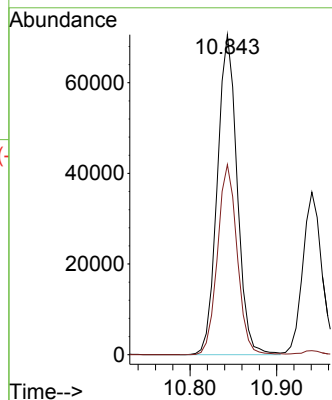
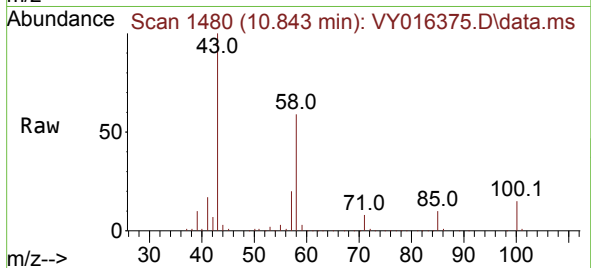
ClientSampleId :

Tgt Ion: 43 Resp: 112346

Ion Ratio Lower Upper

43 100

58 58.8 25.1 75.3



#60

Dibromochloromethane

Concen: 52.969 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016375.D

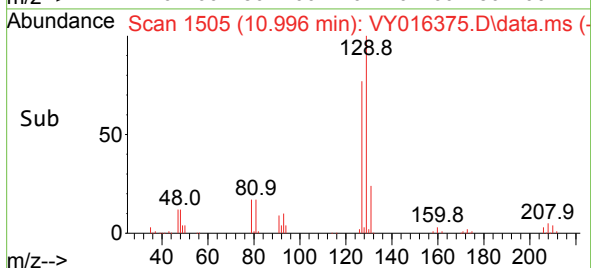
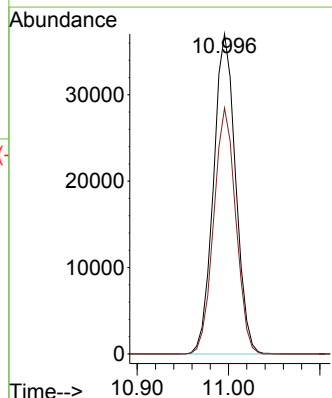
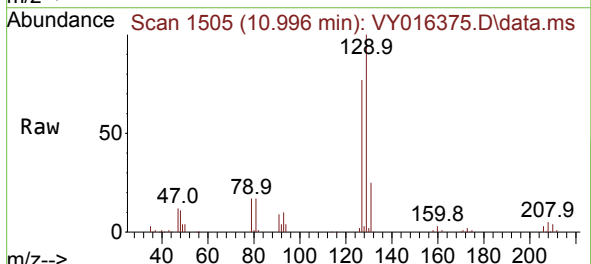
Acq: 15 Nov 2023 18:40

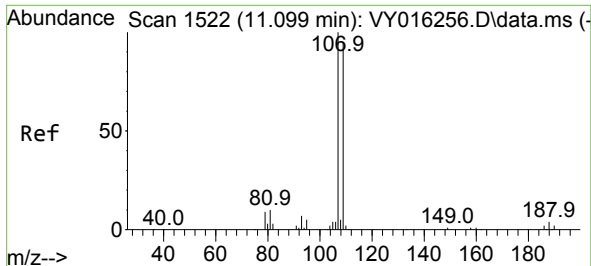
Tgt Ion: 129 Resp: 62236

Ion Ratio Lower Upper

129 100

127 76.7 38.5 115.5

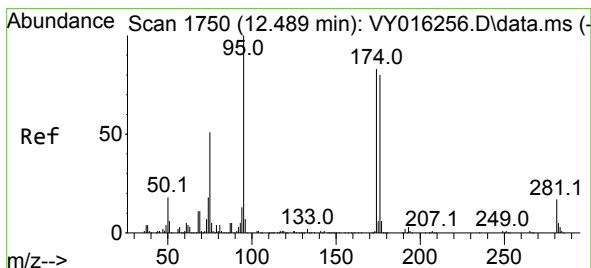
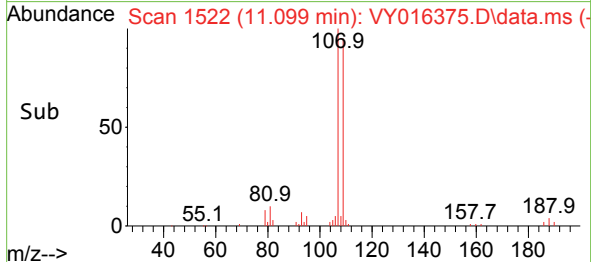
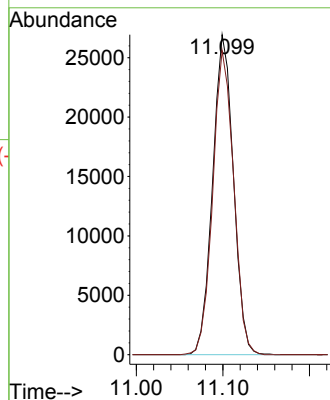
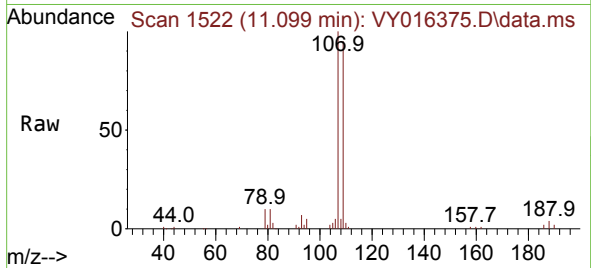




#61
1,2-Dibromoethane
Concen: 50.173 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

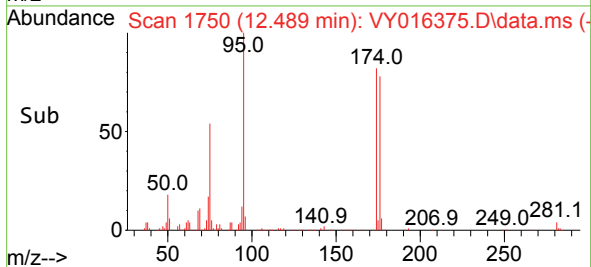
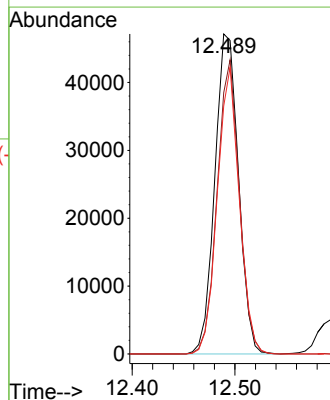
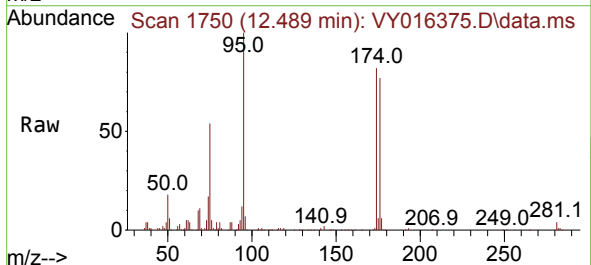
Instrument :
MSVOA_Y
ClientSampleId :

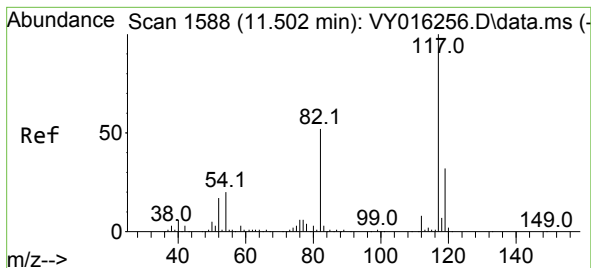
Tgt Ion:107 Resp: 44907
Ion Ratio Lower Upper
107 100
109 95.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.116 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion: 95 Resp: 75105
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.3 0.0 173.8

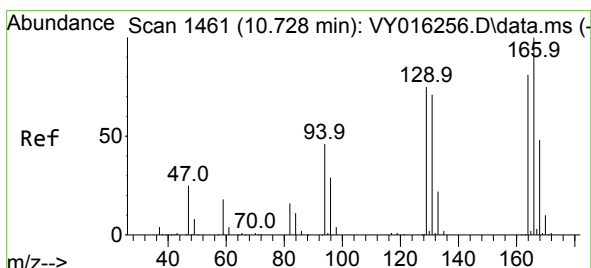
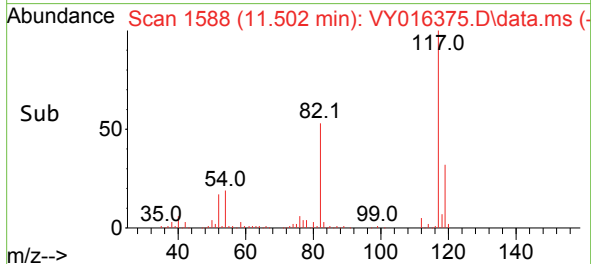
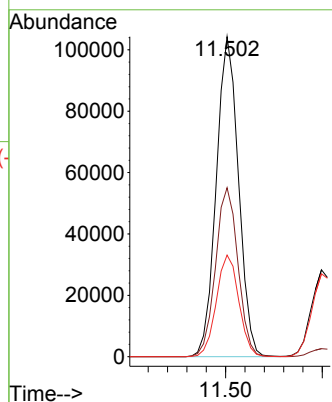
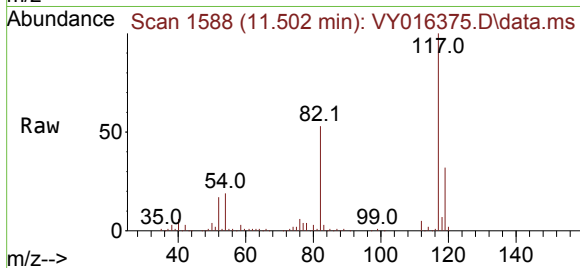




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

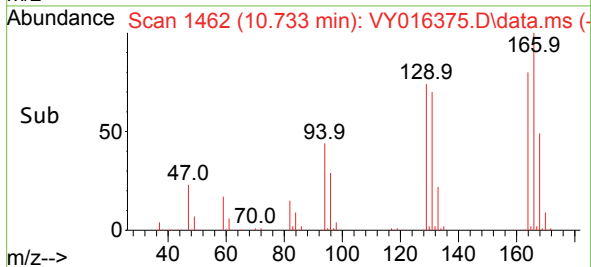
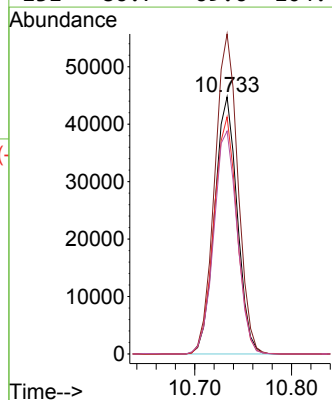
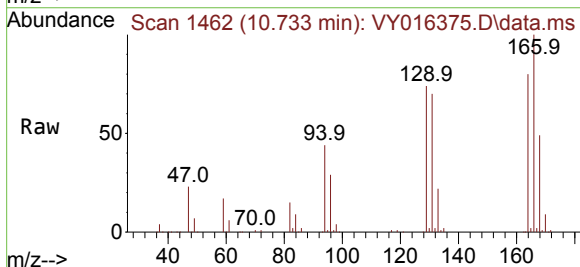
Instrument :
MSVOA_Y
ClientSampleId :

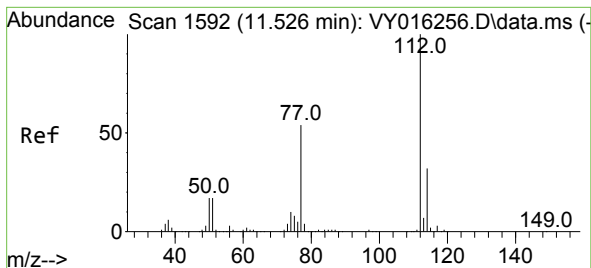
Tgt Ion:117 Resp: 165945
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 48.850 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion:164 Resp: 72788
Ion Ratio Lower Upper
164 100
166 124.5 103.0 154.6
129 92.3 77.2 115.8
131 86.7 69.6 104.4

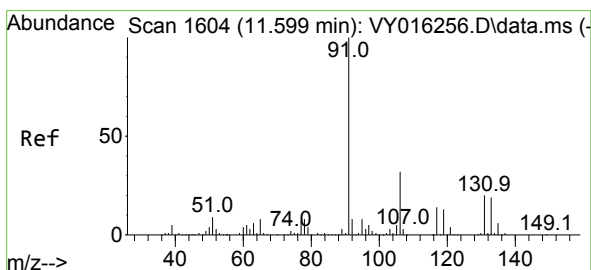
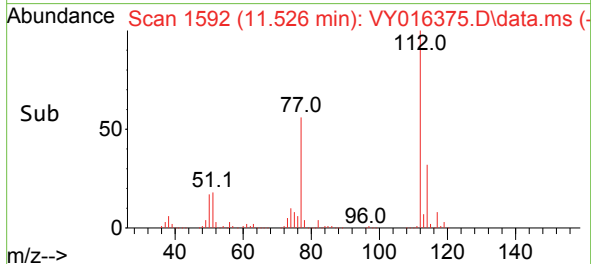
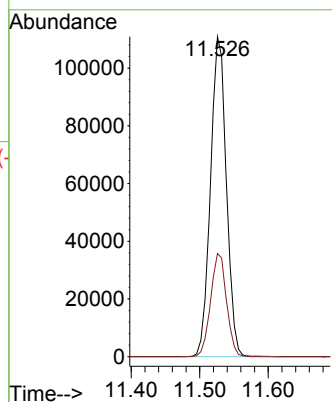
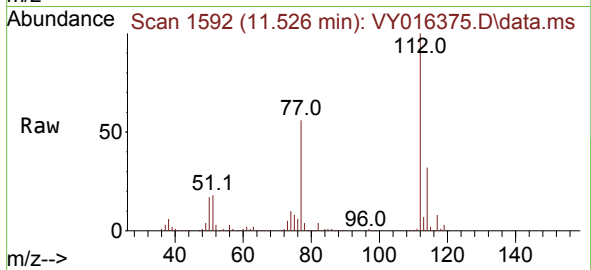




#65
Chlorobenzene
Concen: 50.311 ug/l
RT: 11.526 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

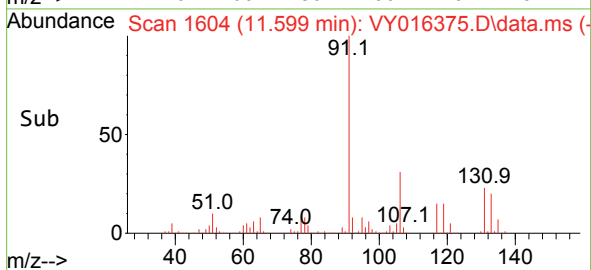
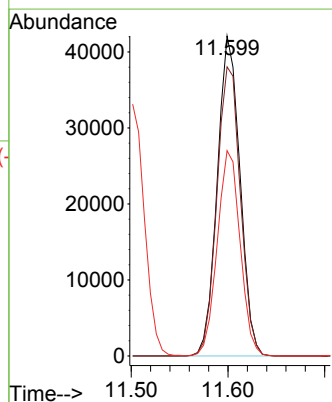
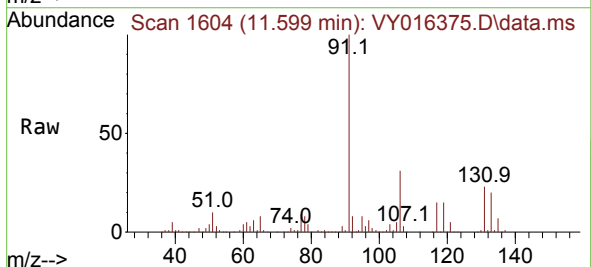
Instrument :
MSVOA_Y
ClientSampleId :

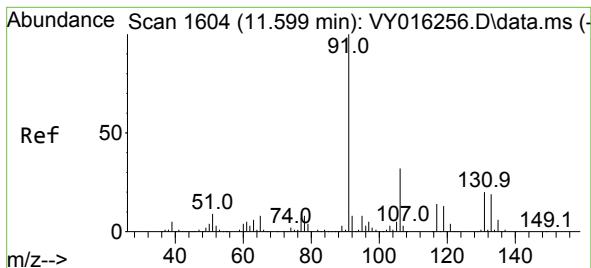
Tgt Ion:112 Resp: 178375
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.552 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion:131 Resp: 68721
Ion Ratio Lower Upper
131 100
133 93.4 47.5 142.6
119 64.6 31.6 94.7





#67

Ethyl Benzene

Concen: 50.044 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

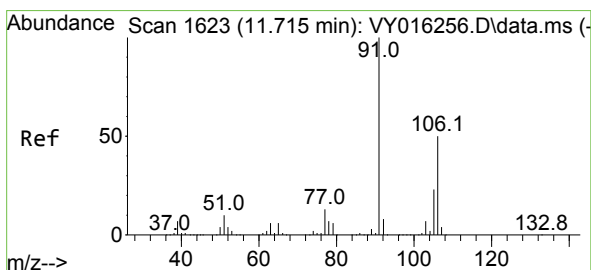
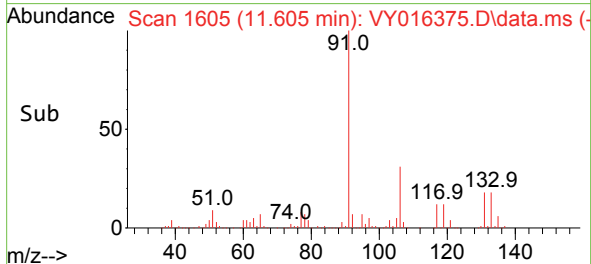
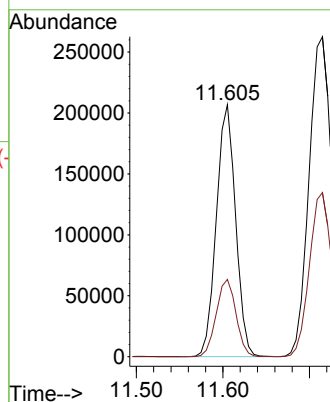
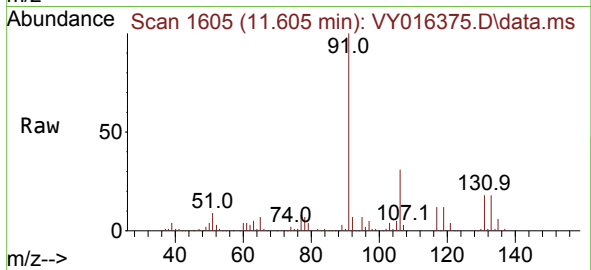
ClientSampleId :

Tgt Ion: 91 Resp: 318866

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 100.795 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016375.D

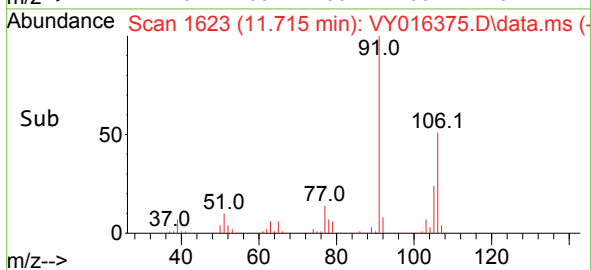
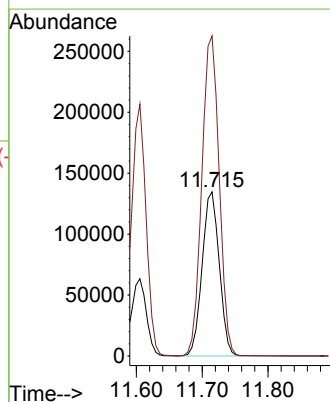
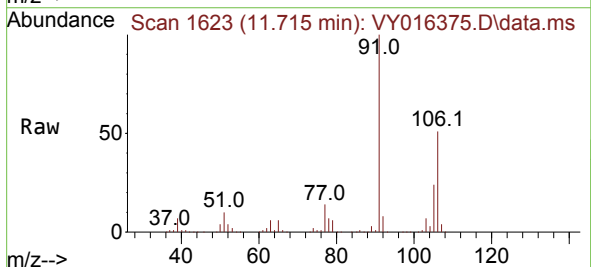
Acq: 15 Nov 2023 18:40

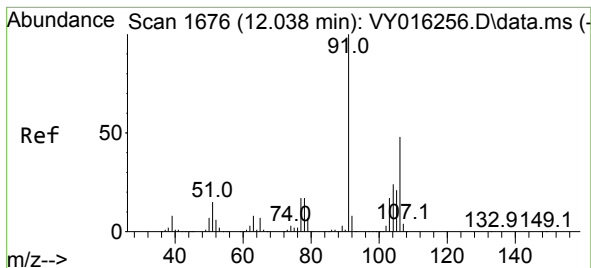
Tgt Ion:106 Resp: 243597

Ion Ratio Lower Upper

106 100

91 198.0 166.1 249.1





#69

o-Xylene

Concen: 50.396 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

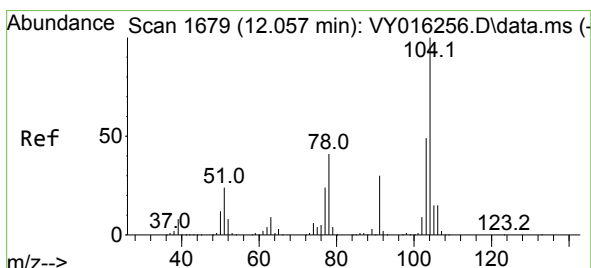
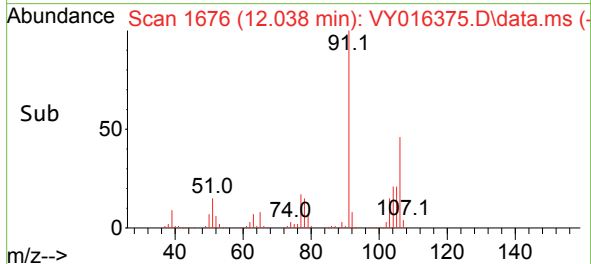
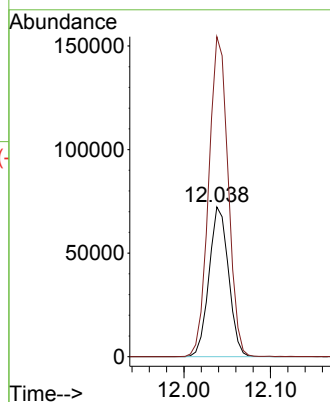
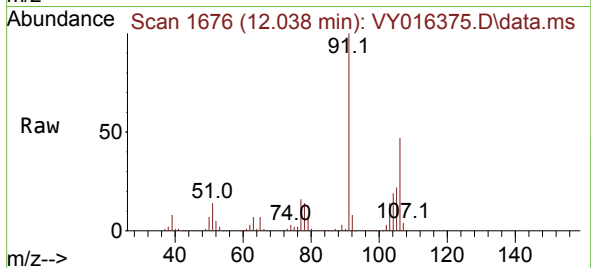
ClientSampleId :

Tgt Ion:106 Resp: 113081

Ion Ratio Lower Upper

106 100

91 213.0 108.1 324.3



#70

Styrene

Concen: 52.605 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

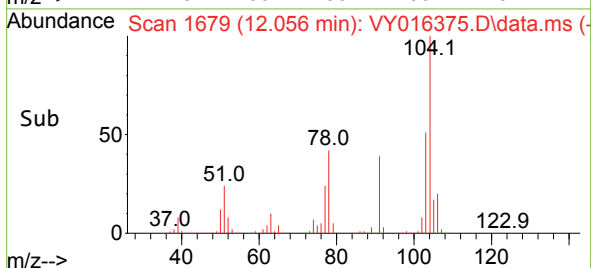
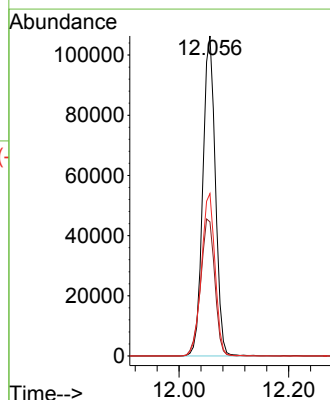
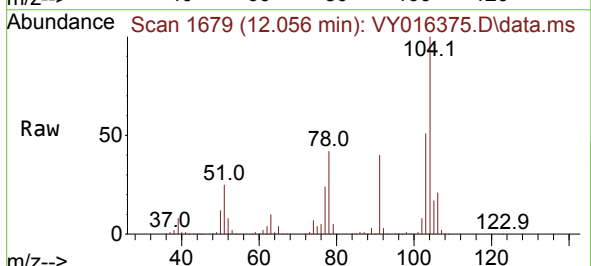
Tgt Ion:104 Resp: 169019

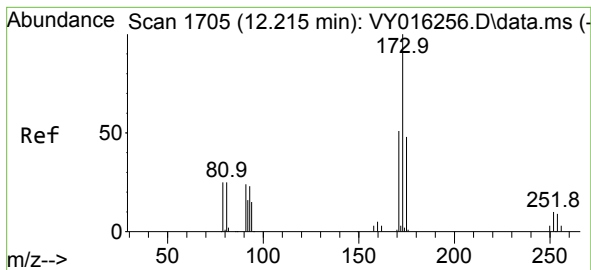
Ion Ratio Lower Upper

104 100

78 48.4 41.5 62.3

103 55.1 44.6 67.0





#71

Bromoform

Concen: 50.578 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

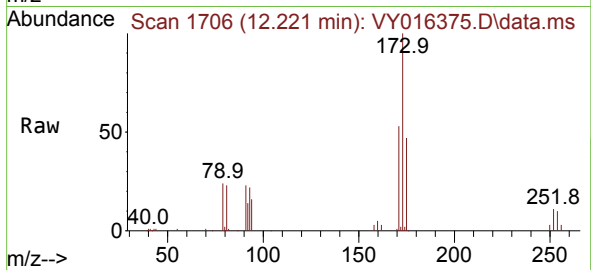
Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :



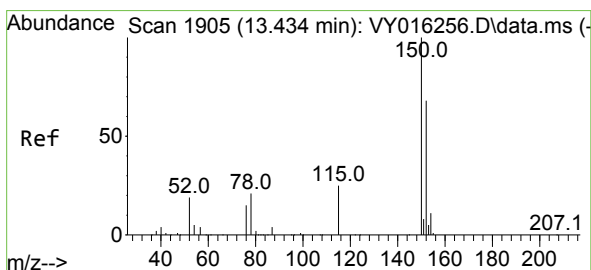
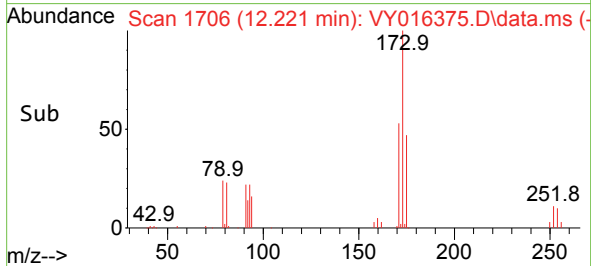
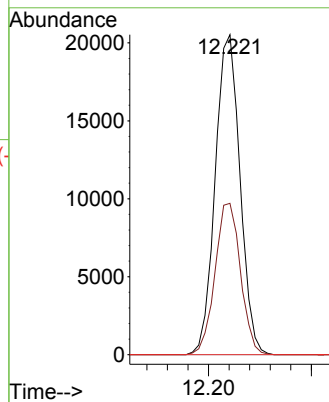
Tgt Ion:173 Resp: 34319

Ion Ratio Lower Upper

173 100

175 48.7 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: VY016375.D

Acq: 15 Nov 2023 18:40

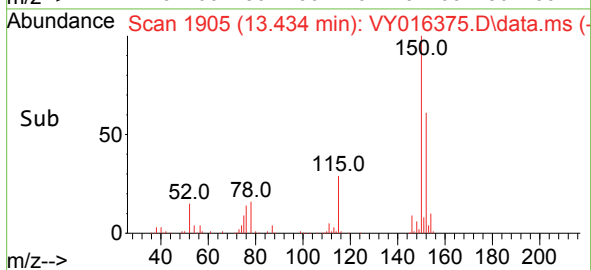
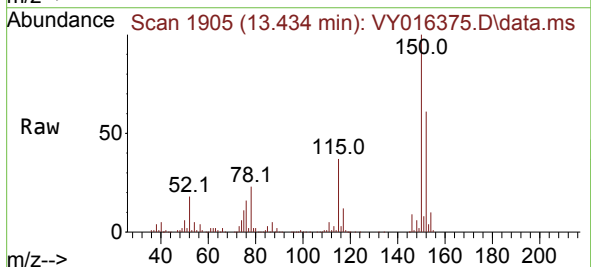
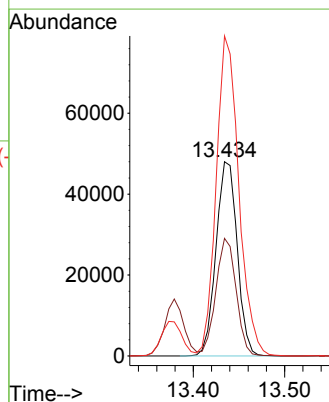
Tgt Ion:152 Resp: 77401

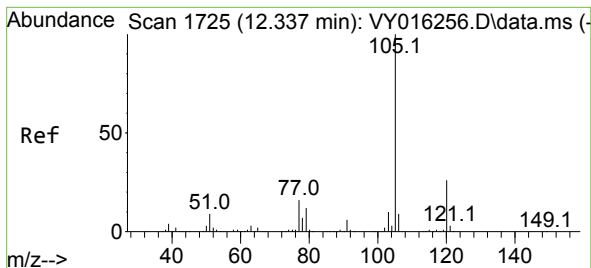
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 175.8 0.0 348.8





#73

Isopropylbenzene

Concen: 48.703 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

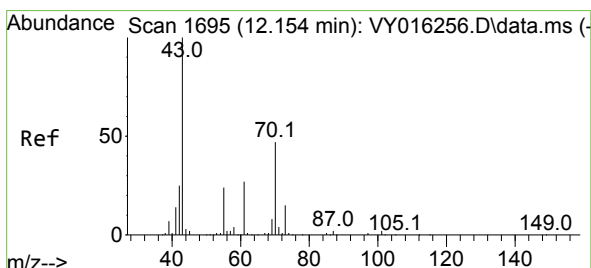
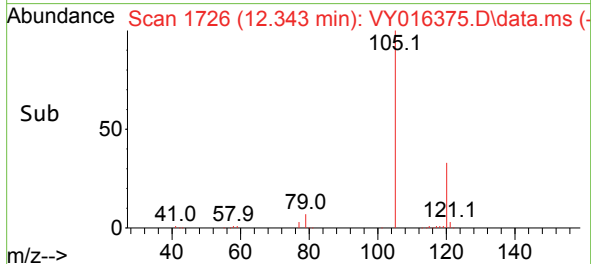
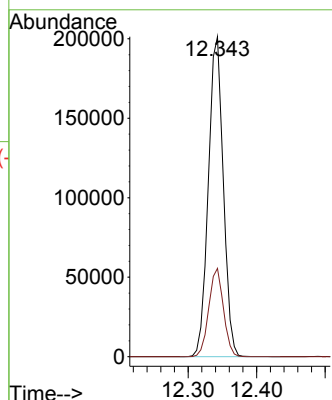
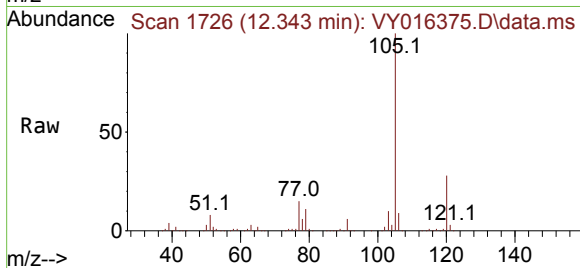
ClientSampleId :

Tgt Ion:105 Resp: 305258

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 44.245 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Tgt Ion: 43 Resp: 55703

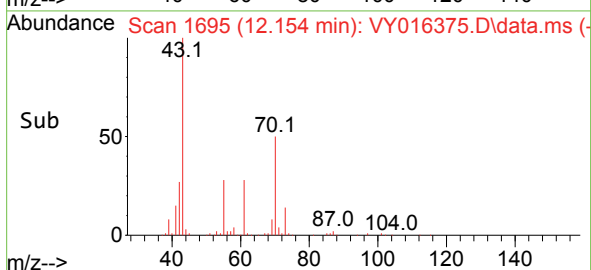
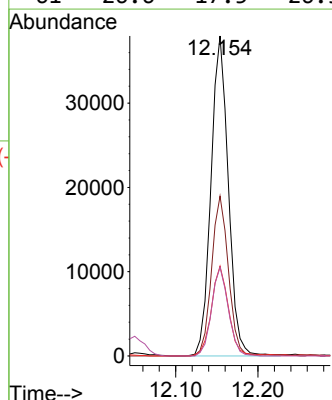
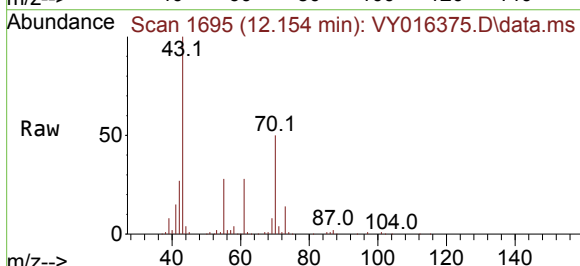
Ion Ratio Lower Upper

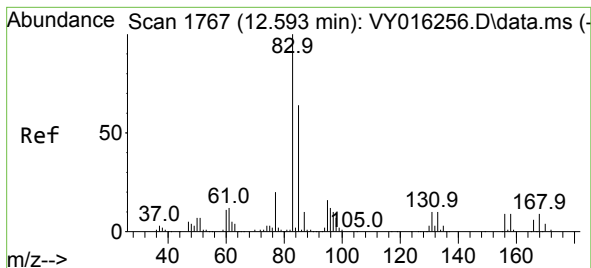
43 100

70 49.0 29.7 44.5#

55 27.8 18.3 27.5#

61 26.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.604 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

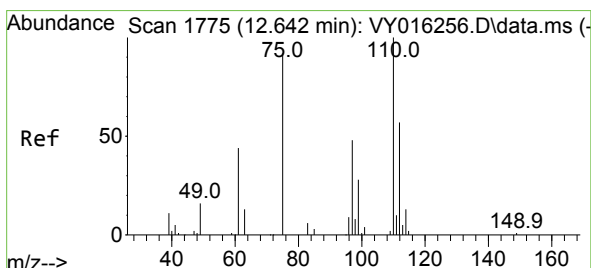
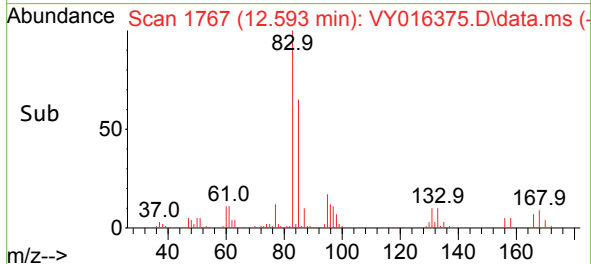
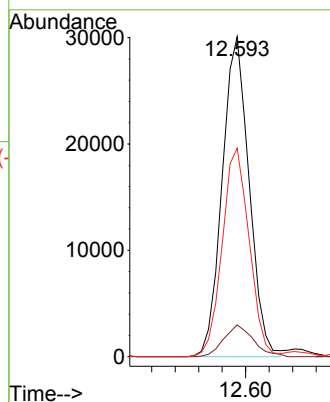
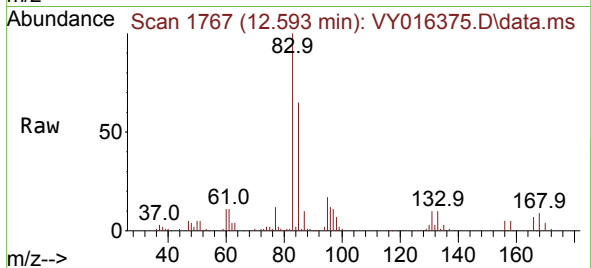
Tgt Ion: 83 Resp: 47878

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 84.985 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016375.D

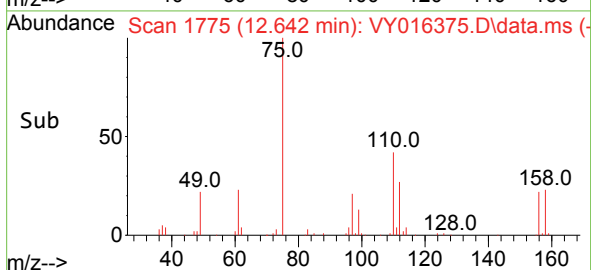
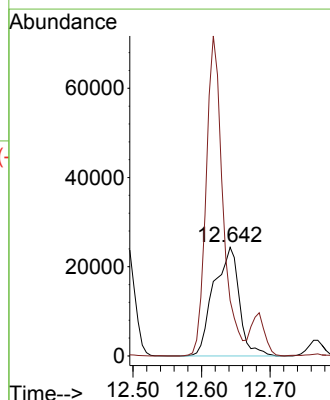
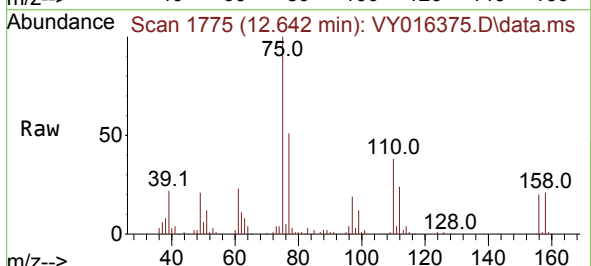
Acq: 15 Nov 2023 18:40

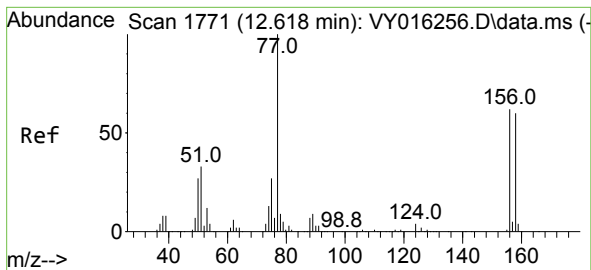
Tgt Ion: 75 Resp: 63101

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.709 ug/l

RT: 12.617 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

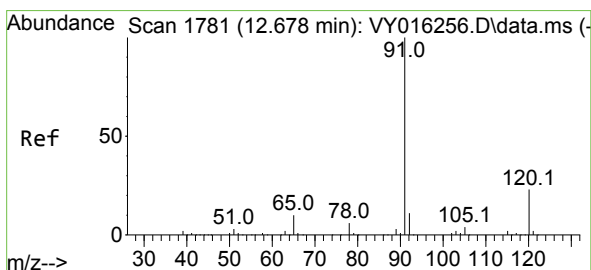
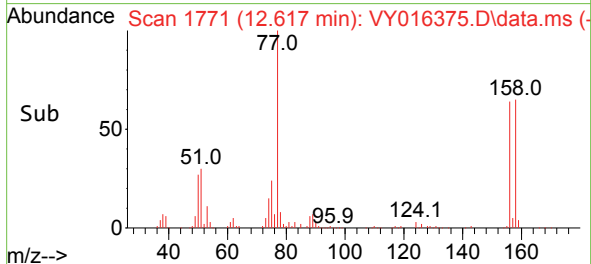
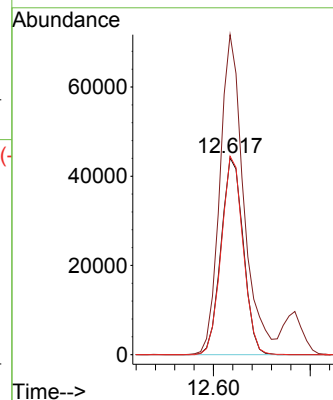
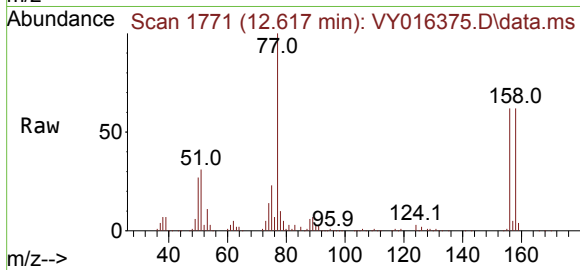
Tgt Ion:156 Resp: 70418

Ion Ratio Lower Upper

156 100

77 173.4 92.8 278.6

158 99.0 48.4 145.3



#78

n-propylbenzene

Concen: 48.246 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016375.D

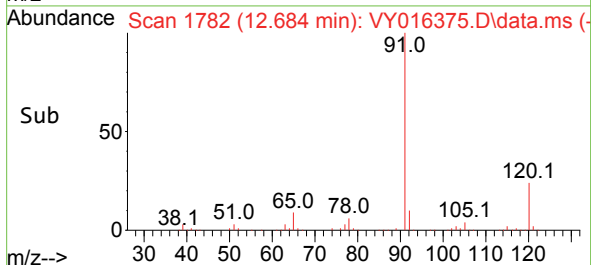
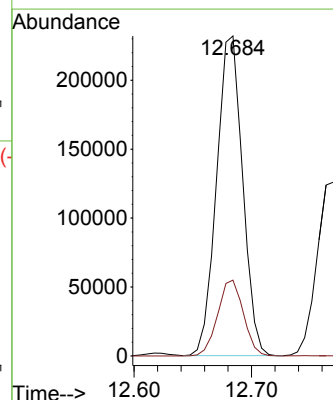
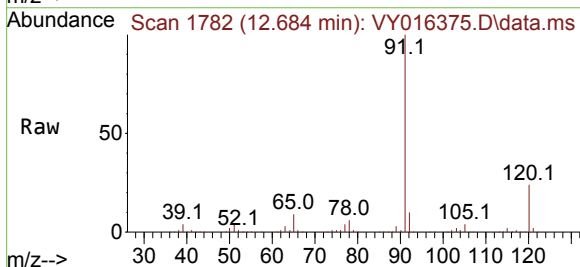
Acq: 15 Nov 2023 18:40

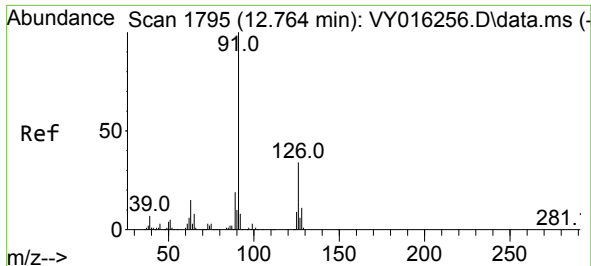
Tgt Ion: 91 Resp: 357366

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

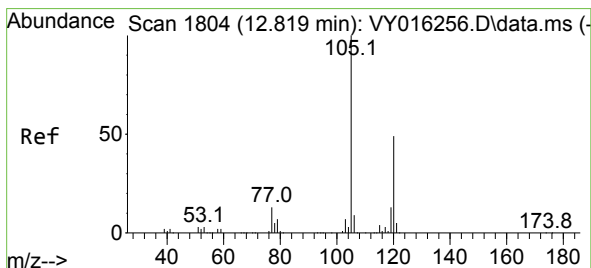
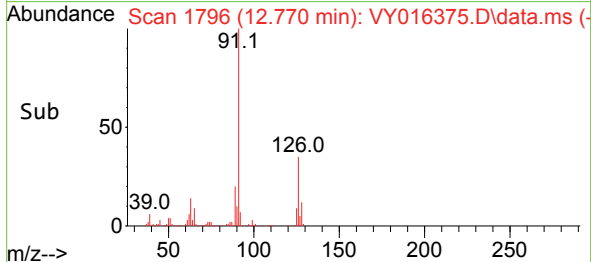
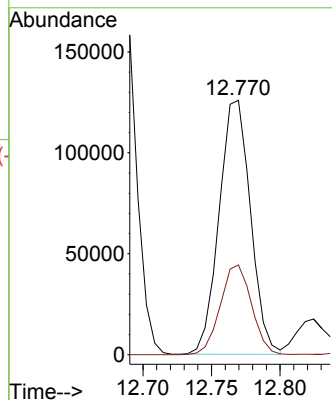
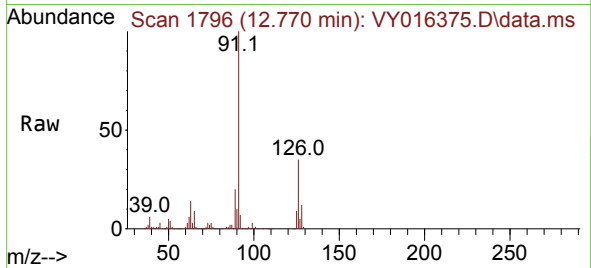




#79
2-Chlorotoluene
Concen: 49.249 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

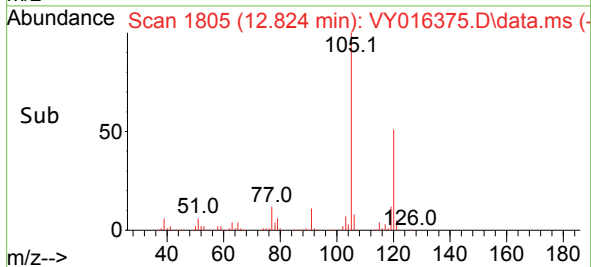
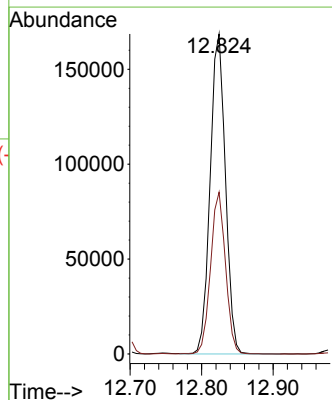
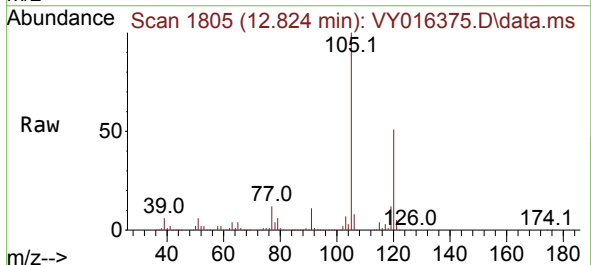
Instrument :
MSVOA_Y
ClientSampleId :

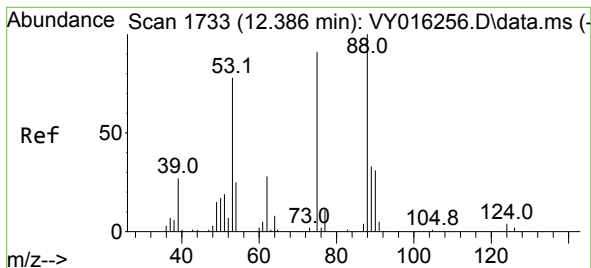
Tgt Ion: 91 Resp: 201037
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.476 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion:105 Resp: 250019
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

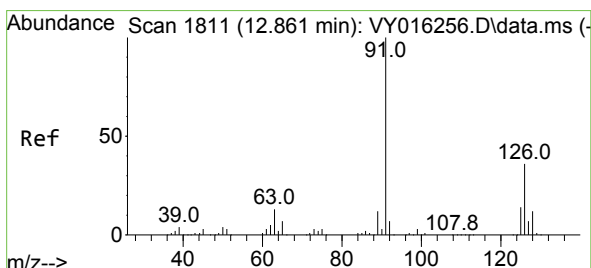
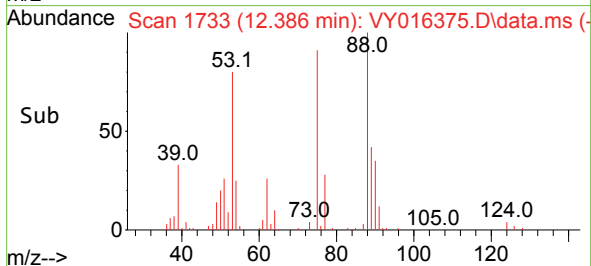
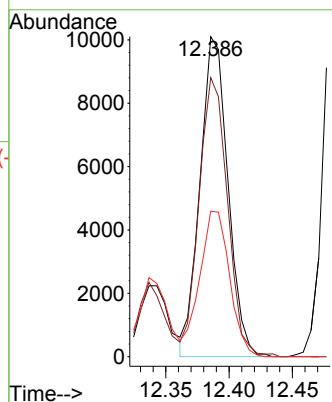
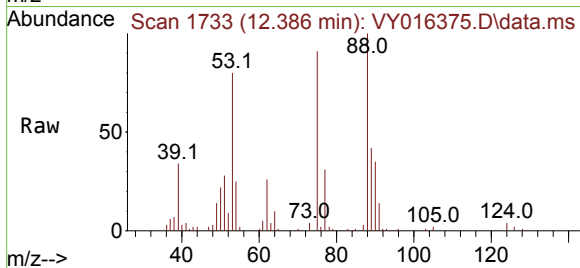




#81
trans-1,4-Dichloro-2-butene
Concen: 45.467 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

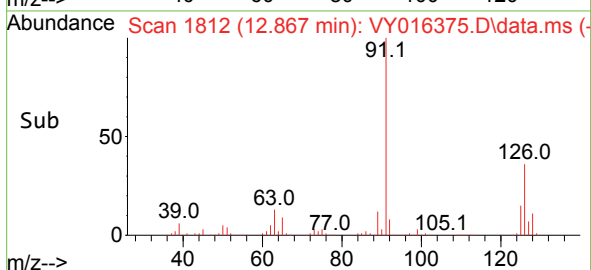
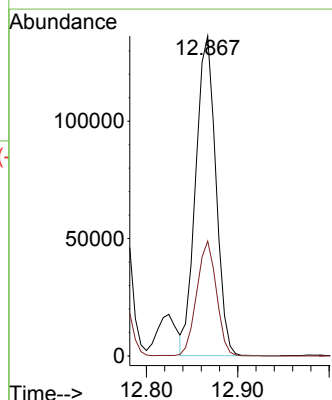
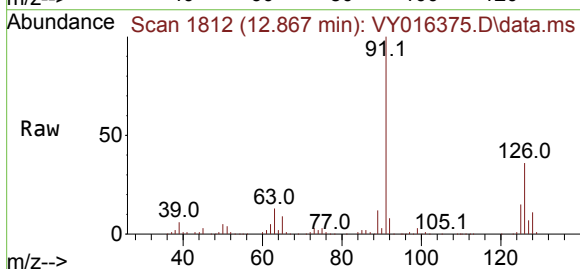
Instrument :
MSVOA_Y
ClientSampleId :

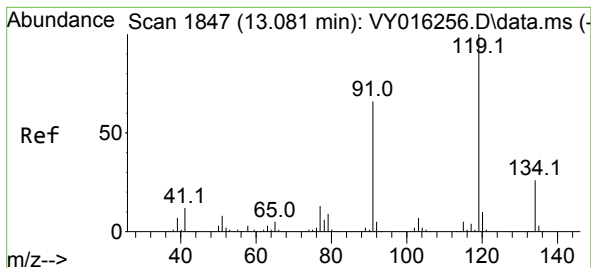
Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.5	77.8	116.8
89	48.8	37.4	56.0



#82
4-Chlorotoluene
Concen: 49.434 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016375.D
Acq: 15 Nov 2023 18:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.2	51.6





#83

tert-Butylbenzene

Concen: 49.084 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

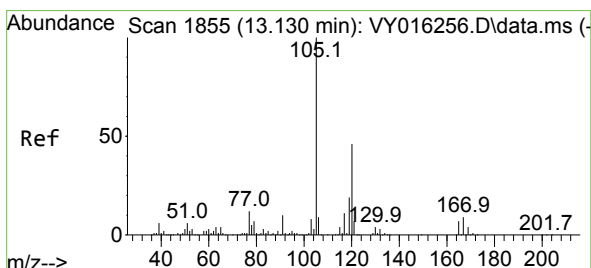
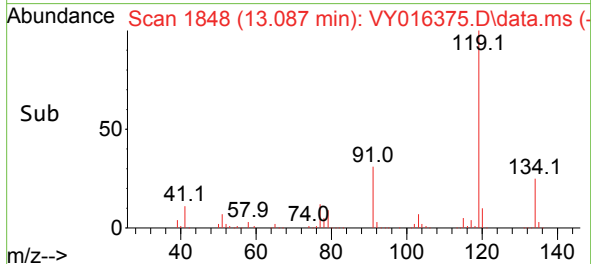
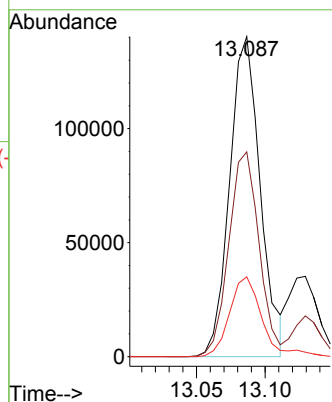
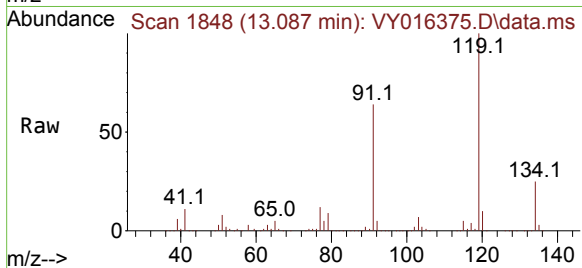
Tgt Ion:119 Resp: 218476

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 49.309 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016375.D

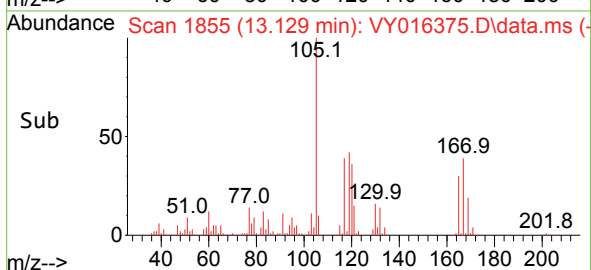
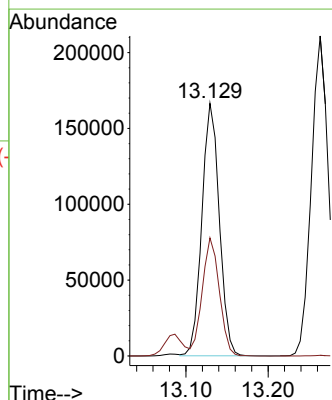
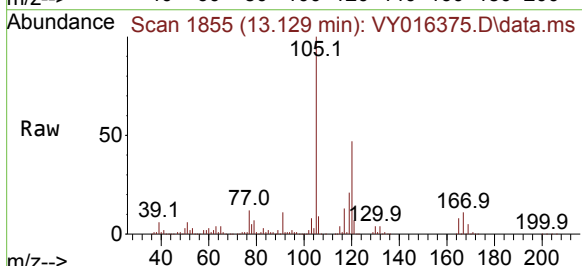
Acq: 15 Nov 2023 18:40

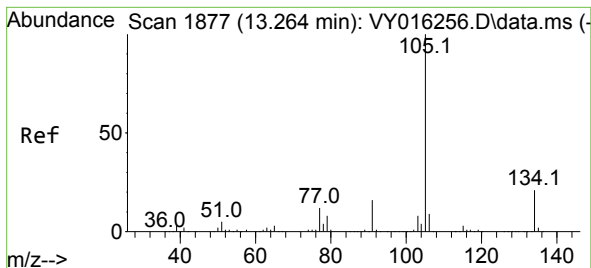
Tgt Ion:105 Resp: 245356

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.085 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

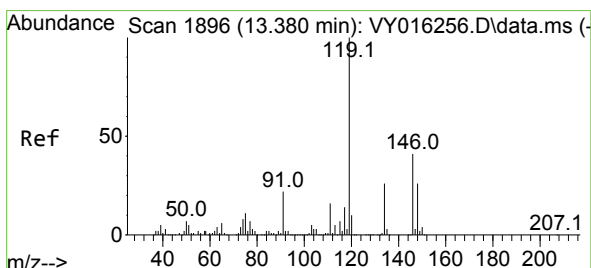
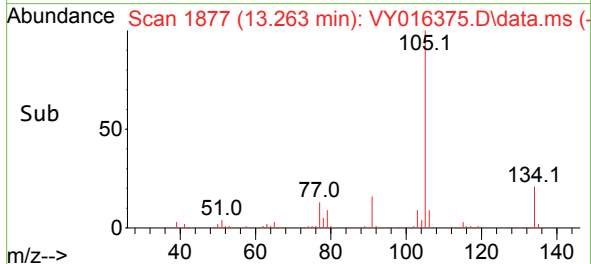
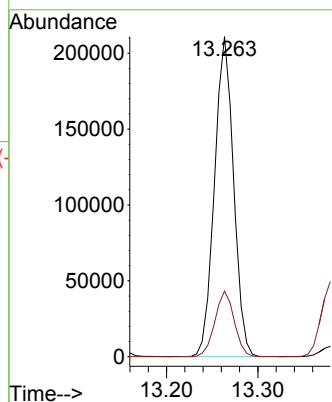
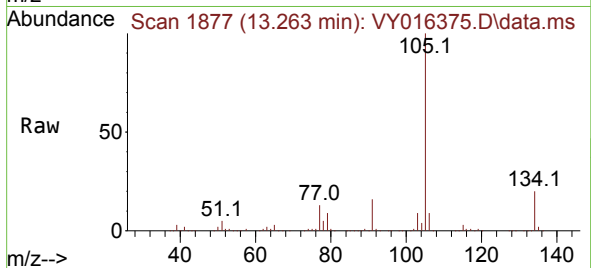
ClientSampleId :

Tgt Ion:105 Resp: 305769

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.449 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

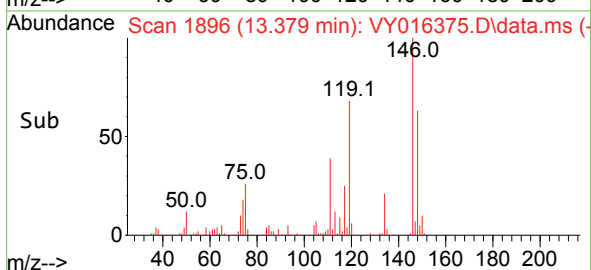
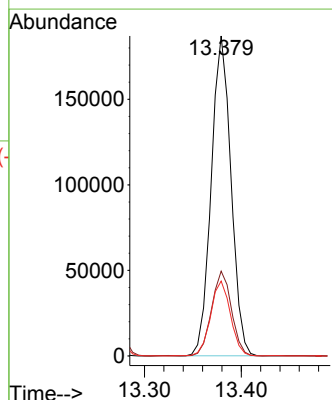
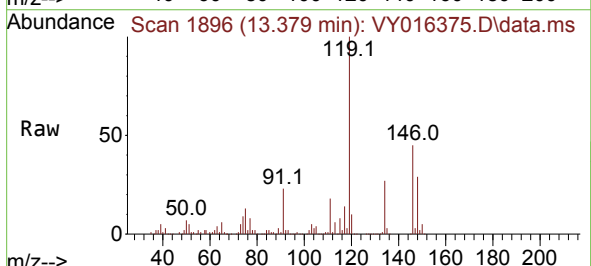
Tgt Ion:119 Resp: 265287

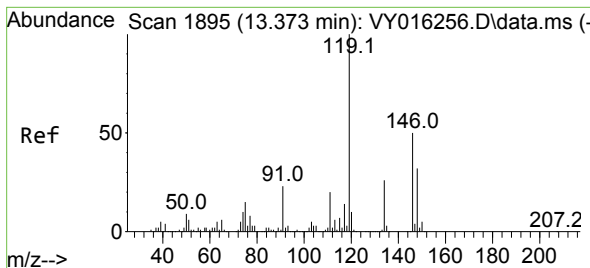
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.094 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

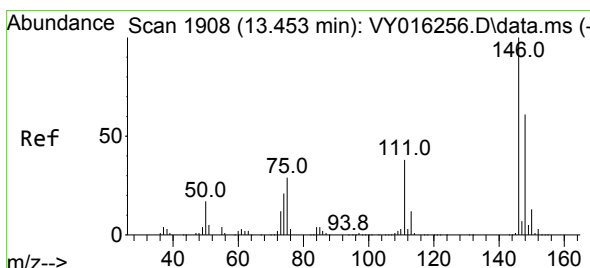
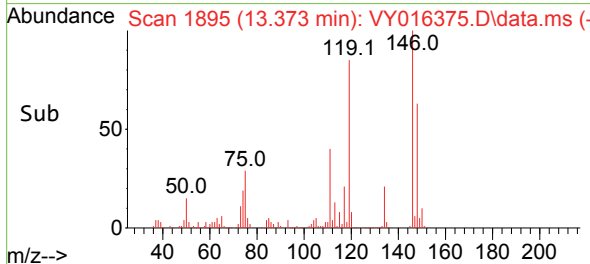
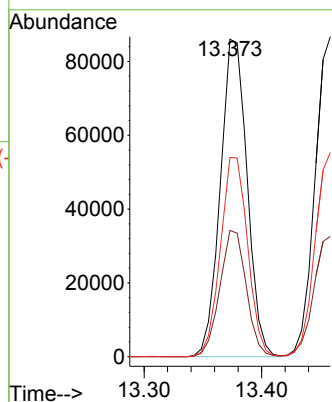
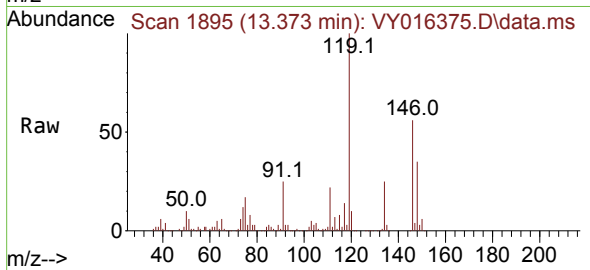
Tgt Ion:146 Resp: 136523

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.654 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

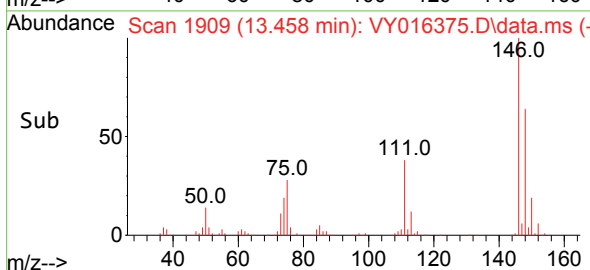
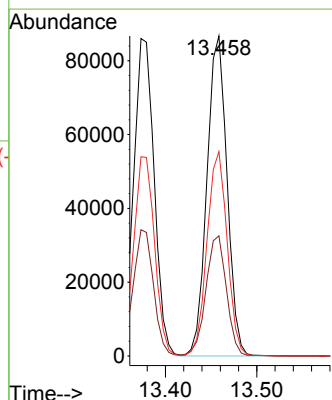
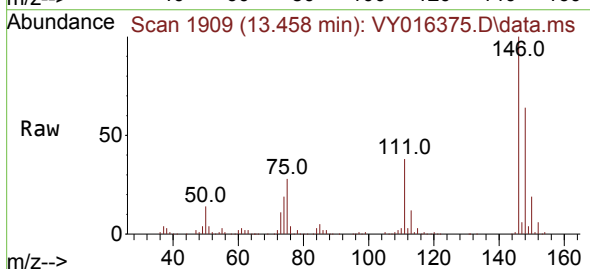
Tgt Ion:146 Resp: 132253

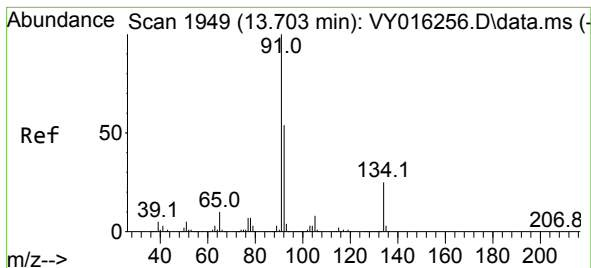
Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 47.870 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

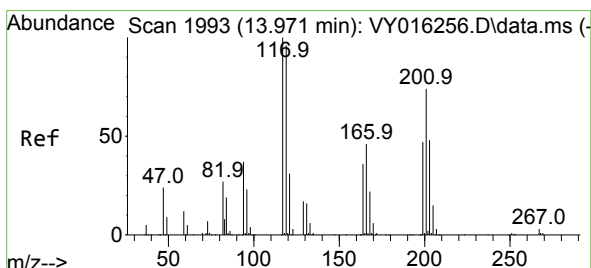
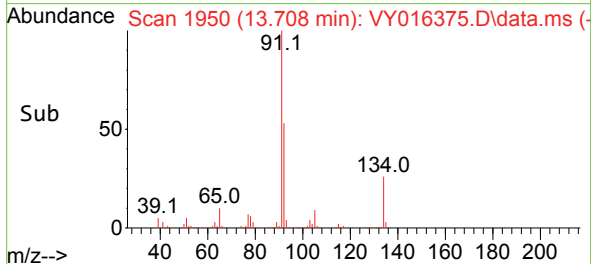
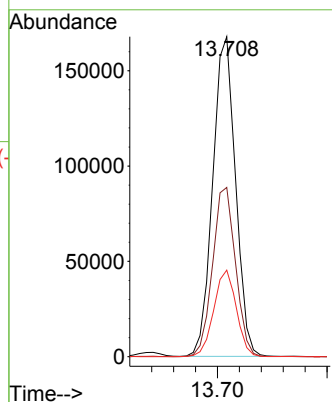
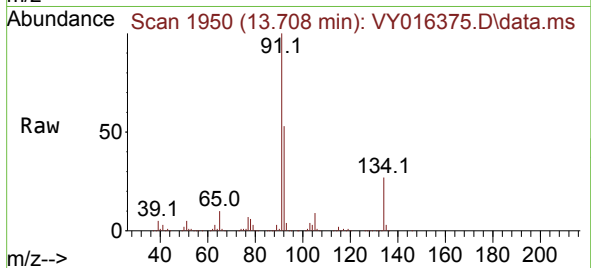
Tgt Ion: 91 Resp: 242064

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 48.522 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016375.D

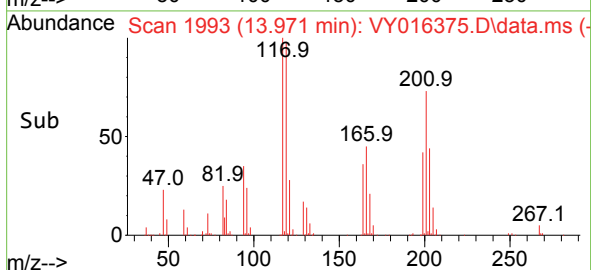
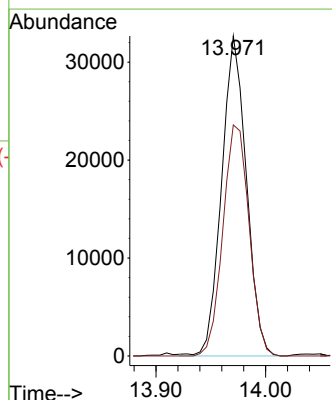
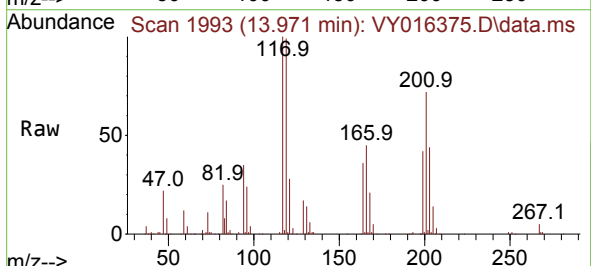
Acq: 15 Nov 2023 18:40

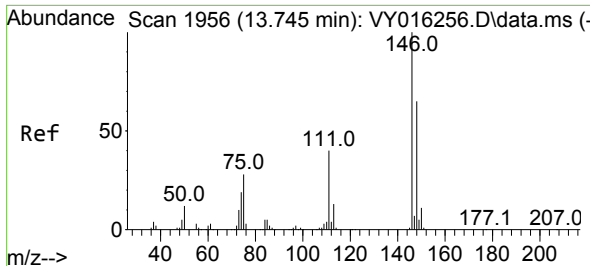
Tgt Ion: 117 Resp: 51251

Ion Ratio Lower Upper

117 100

201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.356 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

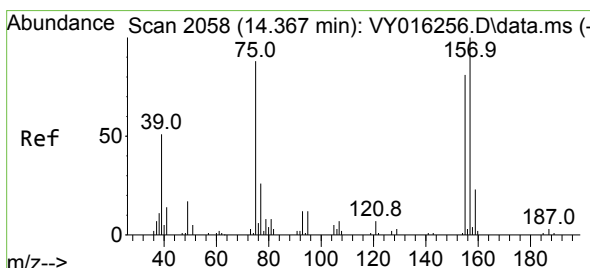
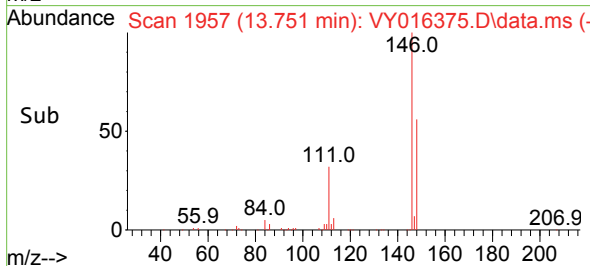
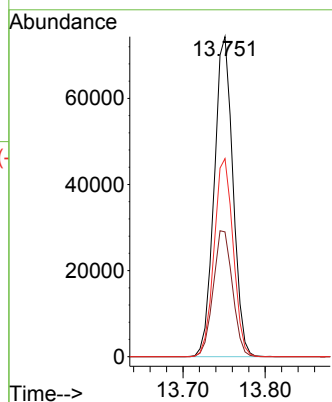
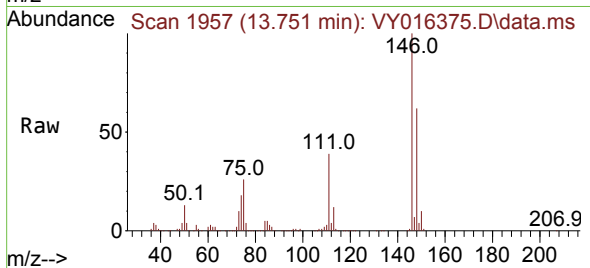
Tgt Ion:146 Resp: 117600

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.290 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

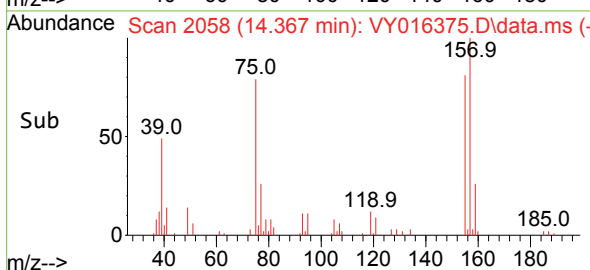
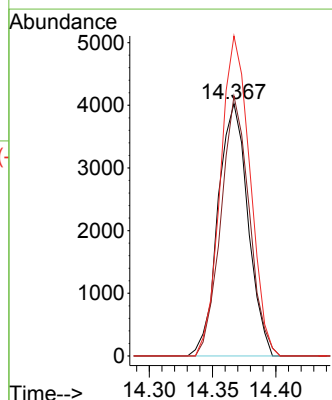
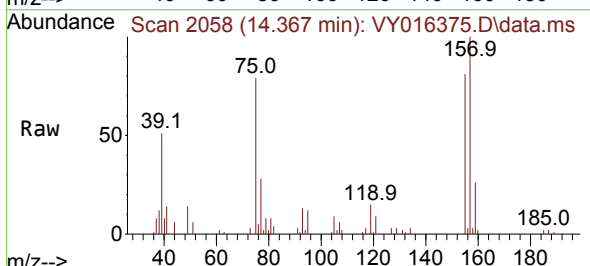
Tgt Ion: 75 Resp: 6607

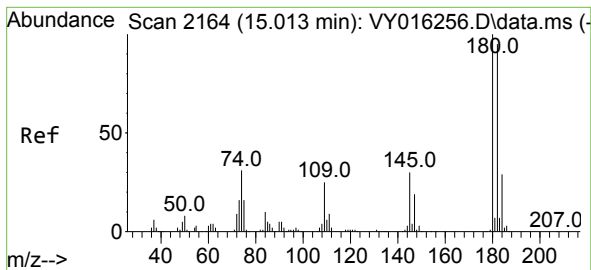
Ion Ratio Lower Upper

75 100

155 97.4 41.5 124.6

157 125.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.363 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

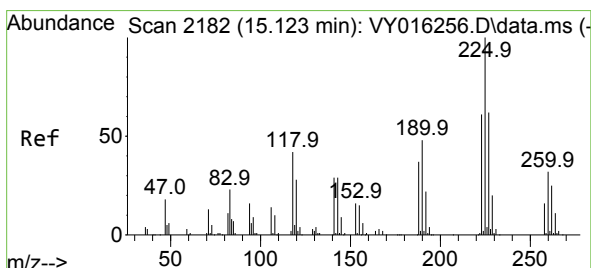
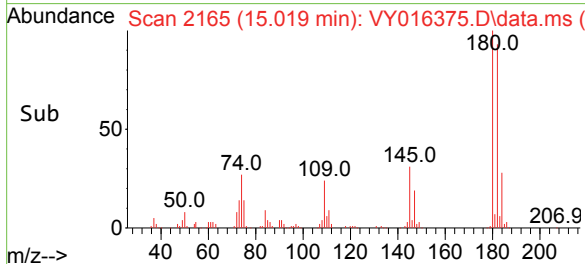
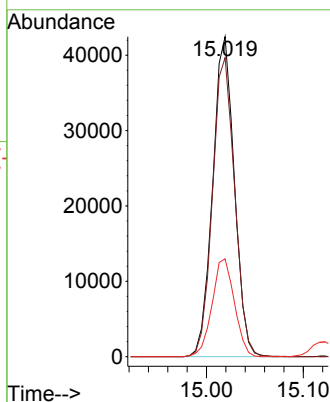
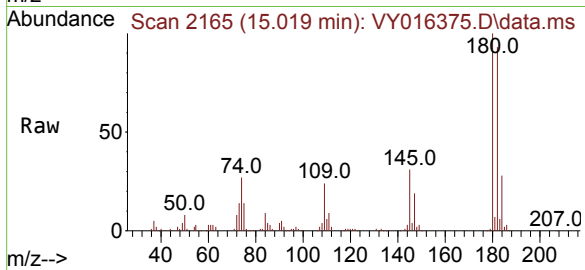
Tgt Ion:180 Resp: 65927

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 43.496 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

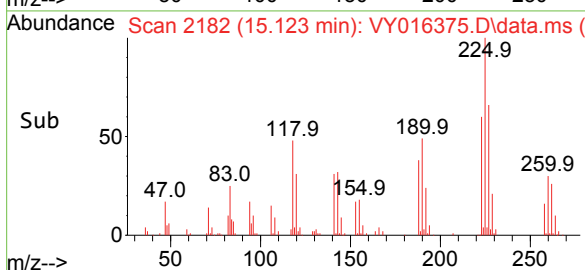
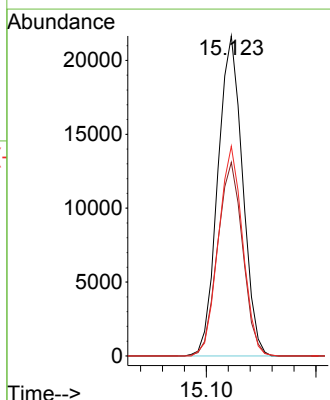
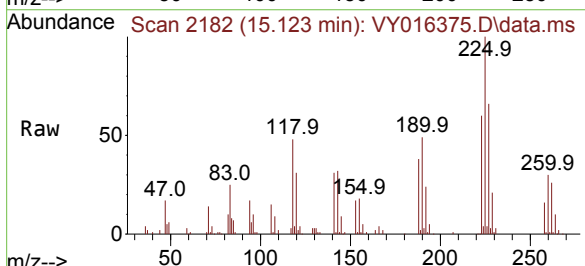
Tgt Ion:225 Resp: 33969

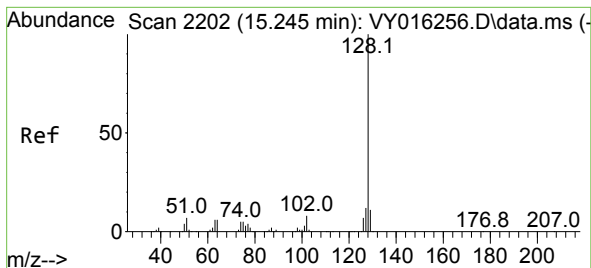
Ion Ratio Lower Upper

225 100

223 61.4 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 50.314 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

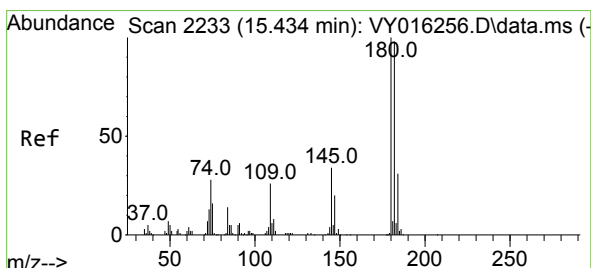
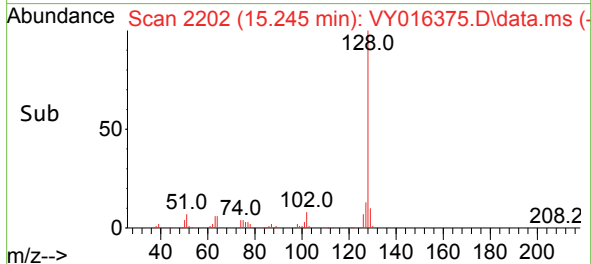
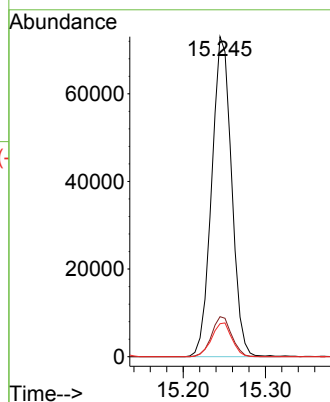
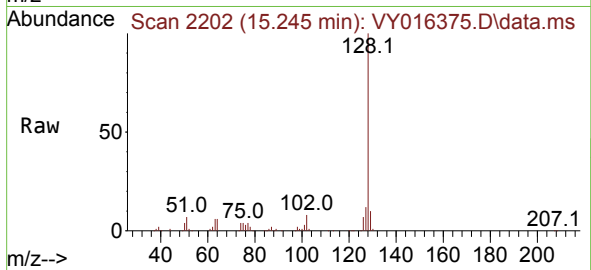
Tgt Ion:128 Resp: 122668

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.784 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016375.D

Acq: 15 Nov 2023 18:40

Tgt Ion:180 Resp: 53876

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 32.2 15.4 46.2

