

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016224.D
 Acq On : 03 Nov 2023 21:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:09:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	151481	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	250072	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	218636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	103770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	79383	56.004	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.740	113	76963	51.623	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.240%	
50) Toluene-d8	10.197	98	311638	52.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.495	95	103656	51.284	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46122	47.731	ug/l	98
3) Chloromethane	2.125	50	63954	47.803	ug/l	99
4) Vinyl Chloride	2.259	62	70213	50.849	ug/l	96
5) Bromomethane	2.668	94	49618	53.246	ug/l	98
6) Chloroethane	2.808	64	50042	51.477	ug/l	100
7) Trichlorofluoromethane	3.143	101	107732	51.680	ug/l	100
8) Diethyl Ether	3.546	74	38705	56.020	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	65262	49.695	ug/l	96
10) Methyl Iodide	4.113	142	79996	54.780	ug/l	96
11) Tert butyl alcohol	4.978	59	28295	267.173	ug/l #	81
12) 1,1-Dichloroethene	3.893	96	60076	50.120	ug/l	93
13) Acrolein	3.747	56	20975	214.348	ug/l	99
14) Allyl chloride	4.503	41	98654	57.541	ug/l #	95
15) Acrylonitrile	5.186	53	84319	285.600	ug/l	98
16) Acetone	3.973	43	58840	260.874	ug/l	95
17) Carbon Disulfide	4.223	76	149532	49.968	ug/l	99
18) Methyl Acetate	4.503	43	67978	59.634	ug/l #	90
19) Methyl tert-butyl Ether	5.247	73	194215	56.963	ug/l	99
20) Methylene Chloride	4.747	84	80513	56.225	ug/l	88
21) trans-1,2-Dichloroethene	5.253	96	73461	52.615	ug/l	93
22) Diisopropyl ether	6.143	45	237064	57.167	ug/l	90
23) Vinyl Acetate	6.088	43	556945	273.542	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	138180	55.676	ug/l	97
25) 2-Butanone	7.009	43	104892	268.223	ug/l	91
26) 2,2-Dichloropropane	7.009	77	118936	50.695	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	91342	55.591	ug/l	91
28) Bromochloromethane	7.356	49	52939	57.002	ug/l	89
29) Tetrahydrofuran	7.368	42	70813	288.867	ug/l	91
30) Chloroform	7.527	83	150481	55.691	ug/l	95
31) Cyclohexane	7.807	56	103050	47.293	ug/l	91
32) 1,1,1-Trichloroethane	7.722	97	129964	52.447	ug/l	97
36) 1,1-Dichloropropene	7.941	75	103839	48.235	ug/l	99
37) Ethyl Acetate	7.100	43	50743	52.921	ug/l #	95
38) Carbon Tetrachloride	7.923	117	114137	53.515	ug/l	96
39) Methylcyclohexane	9.203	83	118855	46.252	ug/l	92
40) Benzene	8.179	78	315089	50.982	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	68242	122.613	ug/l #	27
42) 1,2-Dichloroethane	8.258	62	91318	52.946	ug/l	95
43) Isopropyl Acetate	8.289	43	100817	53.155	ug/l #	91
44) Trichloroethene	8.959	130	89795	49.648	ug/l	98
45) 1,2-Dichloropropane	9.234	63	81110	54.554	ug/l	98
46) Dibromomethane	9.325	93	44059	52.239	ug/l	99
47) Bromodichloromethane	9.514	83	116097	54.177	ug/l	97
48) Methyl methacrylate	9.307	41	44543	51.647	ug/l	89
49) 1,4-Dioxane	9.313	88	10063	1003.309	ug/l #	54
51) 4-Methyl-2-Pentanone	10.087	43	260069	274.808	ug/l	93
52) Toluene	10.258	92	205654	51.351	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	113235	52.933	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	131764	52.492	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	62280	52.496	ug/l	97
56) Ethyl methacrylate	10.526	69	83668	54.304	ug/l #	87
57) 1,3-Dichloropropane	10.807	76	106228	52.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	197394	264.208	ug/l	93
59) 2-Hexanone	10.849	43	174882	269.668	ug/l	91
60) Dibromochloromethane	11.002	129	79220	53.226	ug/l	99
61) 1,2-Dibromoethane	11.105	107	58956	52.245	ug/l	99
64) Tetrachloroethene	10.734	164	93093	47.869	ug/l	96
65) Chlorobenzene	11.532	112	222042	51.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	85906	53.394	ug/l	99
67) Ethyl Benzene	11.605	91	390774	50.297	ug/l	99
68) m/p-Xylenes	11.715	106	301044	100.274	ug/l	95
69) o-Xylene	12.044	106	145716	50.835	ug/l	96
70) Styrene	12.056	104	245821	51.586	ug/l	96
71) Bromoform	12.221	173	48463	54.297	ug/l #	99
73) Isopropylbenzene	12.343	105	382345	49.119	ug/l	99
74) N-amyl acetate	12.154	43	87976	52.010	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	66490	53.680	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	88383	90.444	ug/l #	100
77) Bromobenzene	12.623	156	89197	50.606	ug/l	95
78) n-propylbenzene	12.684	91	451050	49.012	ug/l	99
79) 2-Chlorotoluene	12.770	91	258186	50.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	309335	49.051	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	23823	52.858	ug/l	93
82) 4-Chlorotoluene	12.867	91	261585	49.630	ug/l	98
83) tert-Butylbenzene	13.087	119	284950	50.499	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	308819	49.489	ug/l	99
85) sec-Butylbenzene	13.270	105	403489	48.719	ug/l	100
86) p-Isopropyltoluene	13.385	119	334908	48.792	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	172365	49.447	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	171290	49.717	ug/l	99
89) n-Butylbenzene	13.709	91	298973	47.404	ug/l	97
90) Hexachloroethane	13.977	117	63707	53.858	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	154181	51.192	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10192	45.978	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	87420	47.027	ug/l	99
94) Hexachlorobutadiene	15.123	225	46823	46.094	ug/l	99
95) Naphthalene	15.251	128	169618	46.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	74307	46.793	ug/l	98

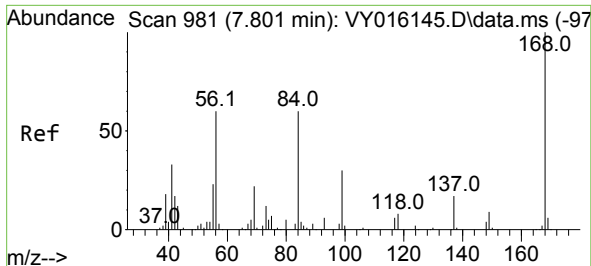
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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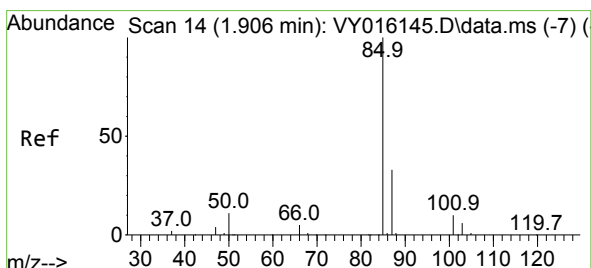
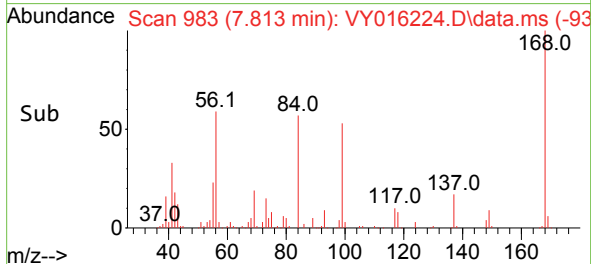
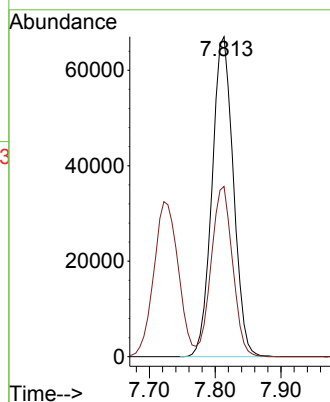
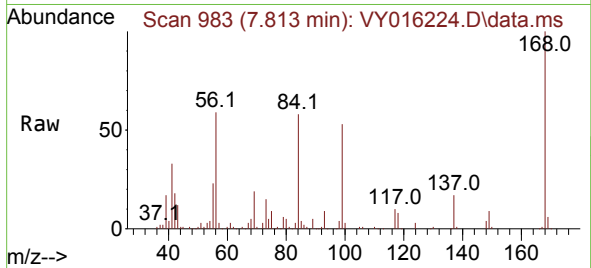
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
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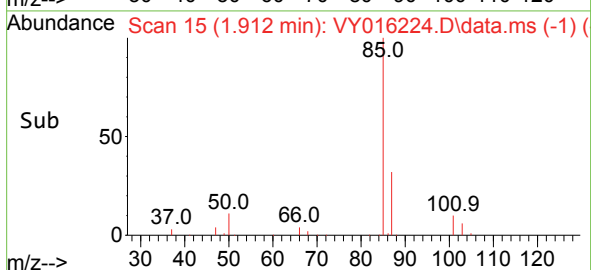
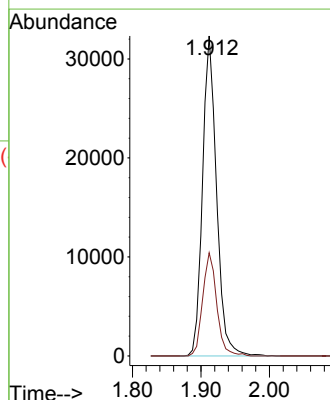
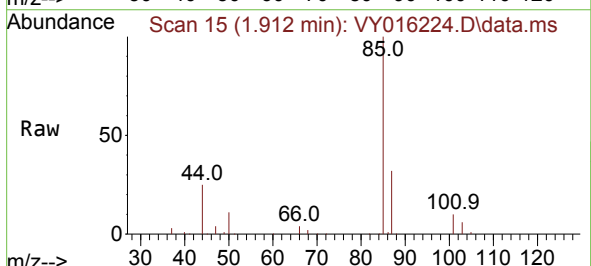
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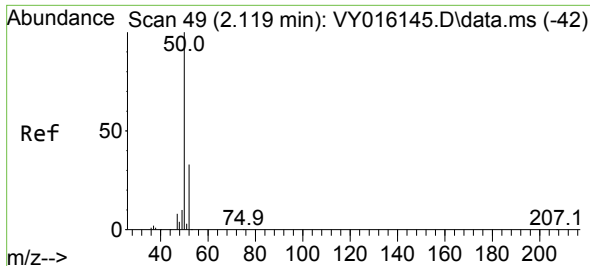
Tgt Ion:168 Resp: 151481
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.731 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 85 Resp: 46122
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

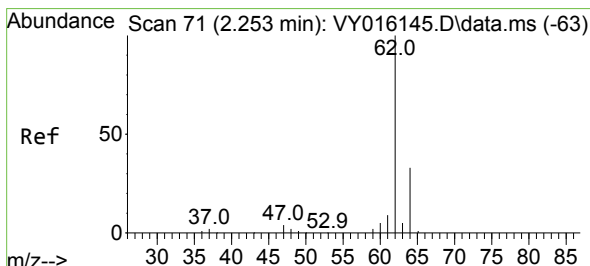
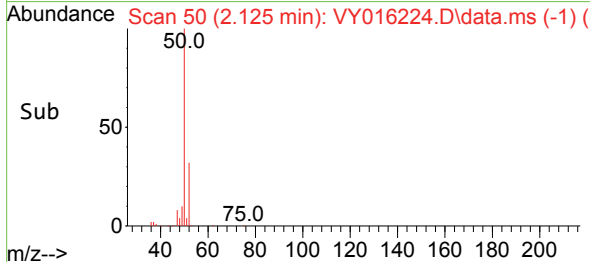
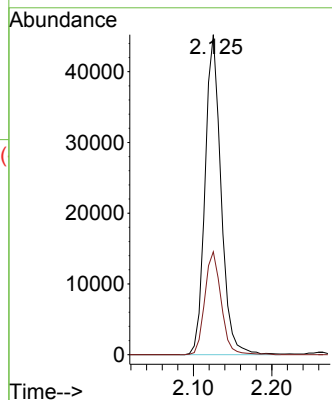
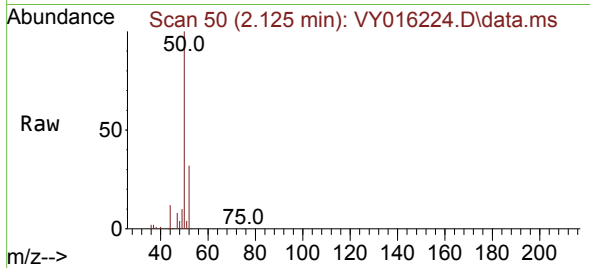




#3
Chloromethane
Concen: 47.803 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

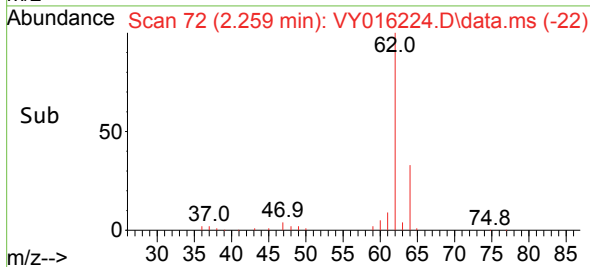
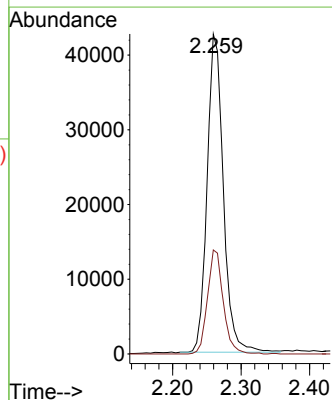
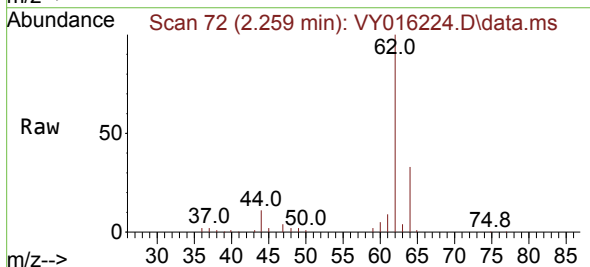
Instrument :
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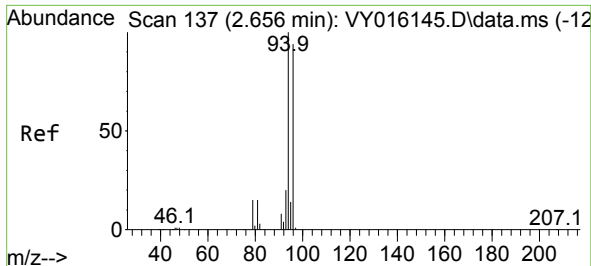
Tgt Ion: 50 Resp: 63954
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 50.849 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 62 Resp: 70213
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5

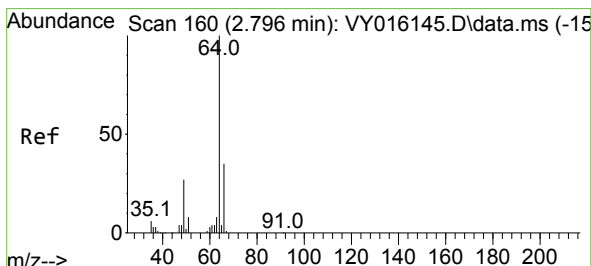
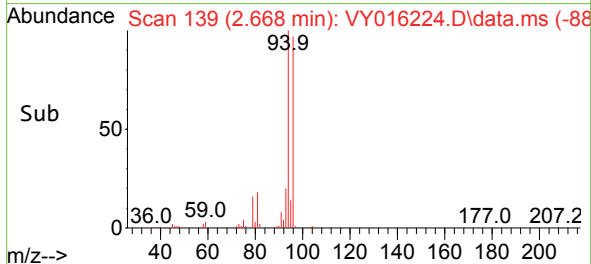
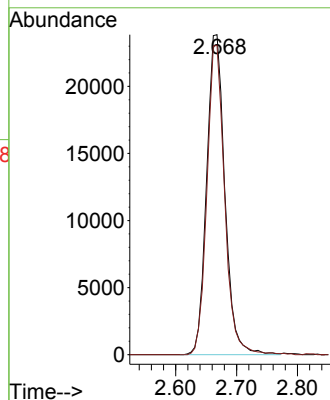
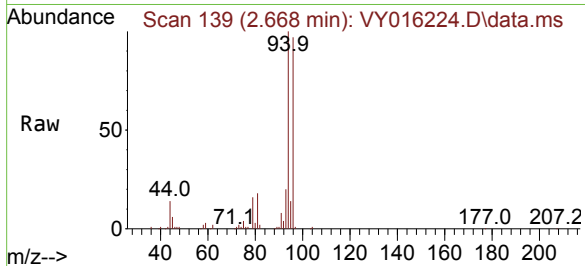




#5
Bromomethane
Concen: 53.246 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

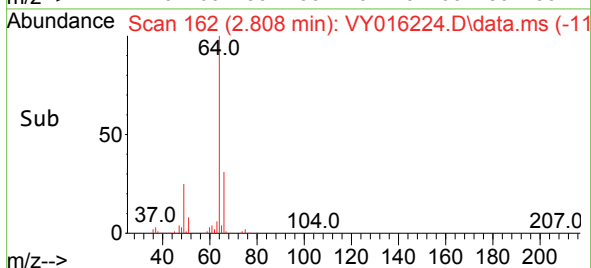
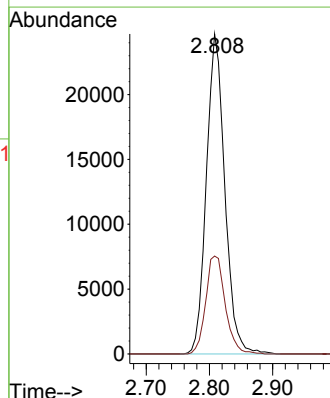
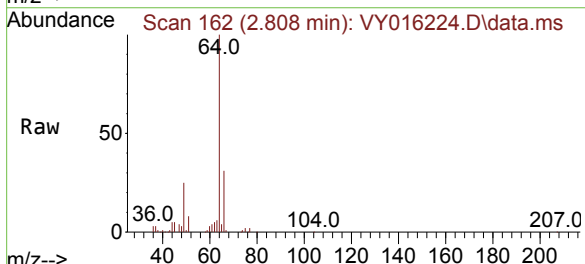
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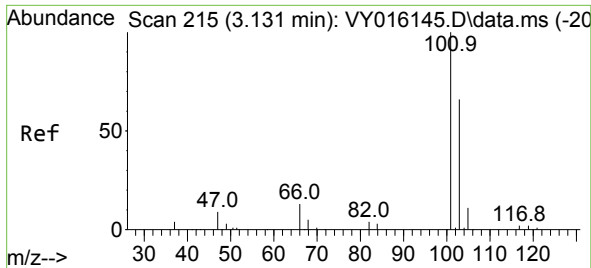
Tgt Ion: 94 Resp: 49618
Ion Ratio Lower Upper
94 100
96 96.7 75.8 113.6



#6
Chloroethane
Concen: 51.477 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 64 Resp: 50042
Ion Ratio Lower Upper
64 100
66 30.6 24.4 36.6

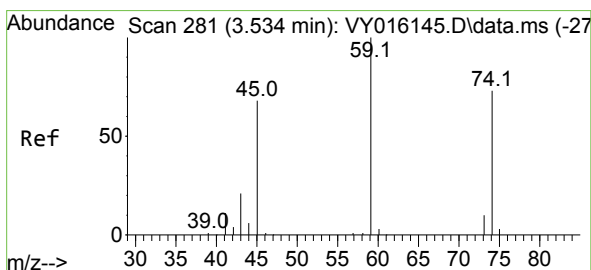
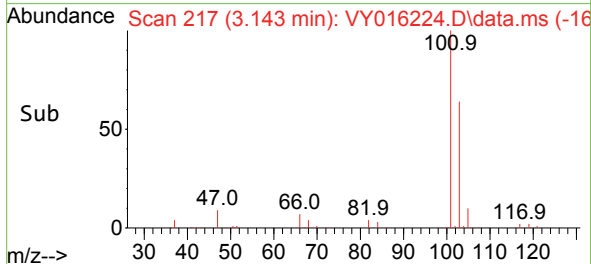
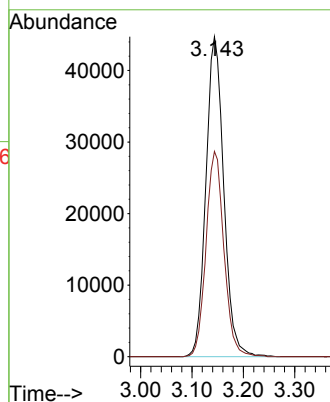
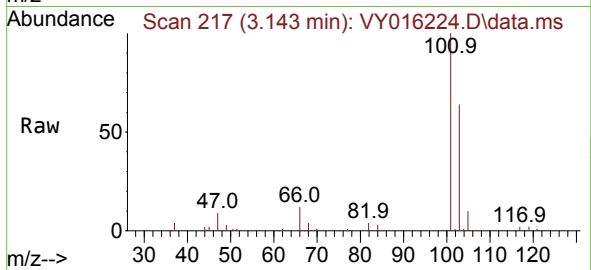




#7
Trichlorofluoromethane
Concen: 51.680 ug/l
RT: 3.143 min Scan# 215
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

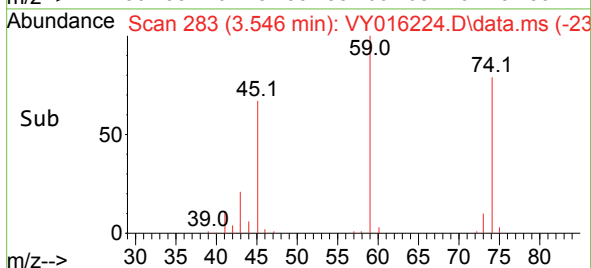
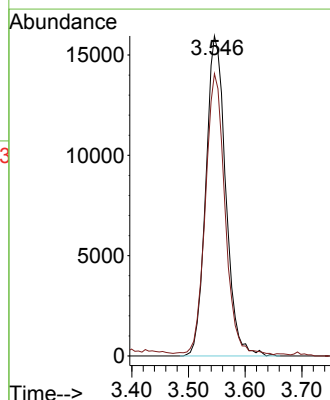
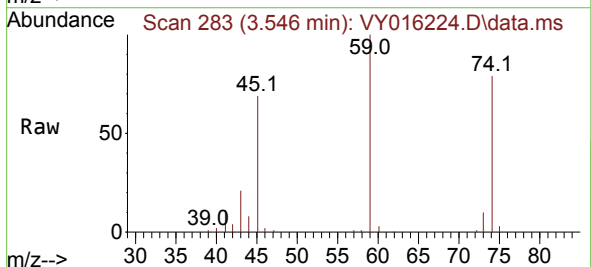
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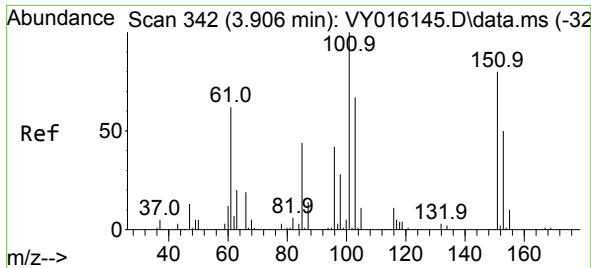
Tgt Ion:101 Resp: 107732
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 56.020 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

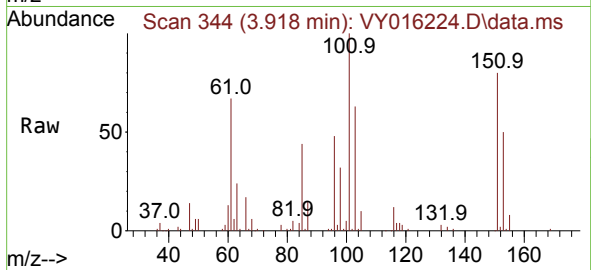
Tgt Ion: 74 Resp: 38705
Ion Ratio Lower Upper
74 100
45 86.9 51.5 154.5



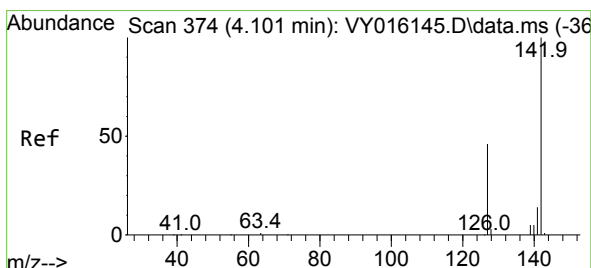
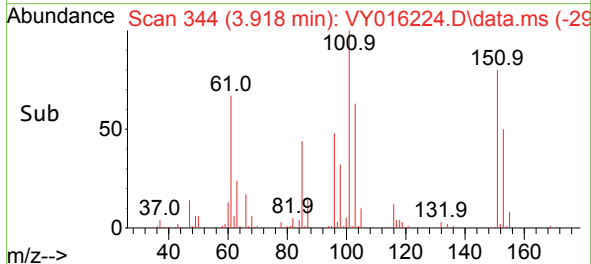
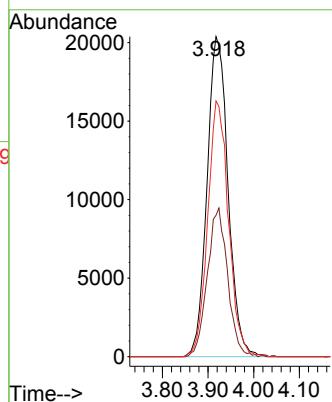


#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.695 ug/l
RT: 3.918 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY016224.D
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ClientSampleId :

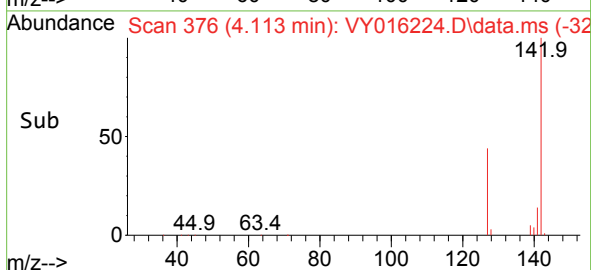
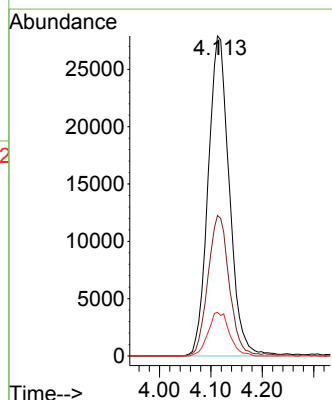
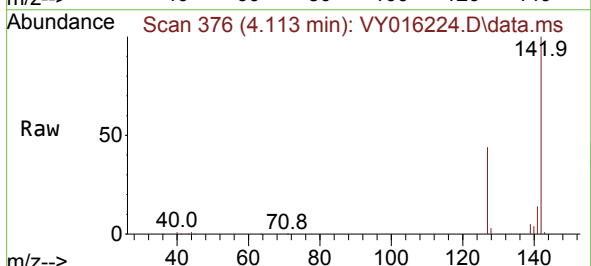


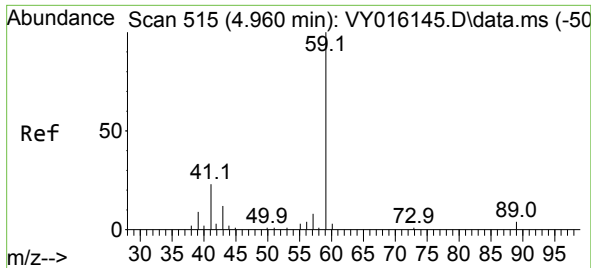
Tgt Ion:101 Resp: 65262
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 54.780 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion:142 Resp: 79996
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 13.8 11.8 17.8

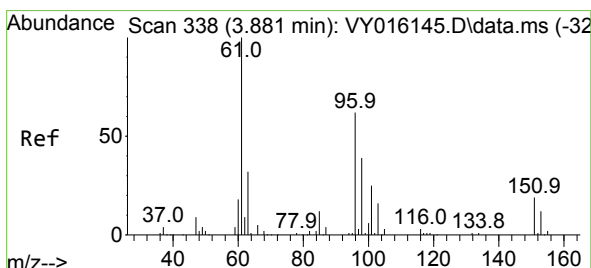
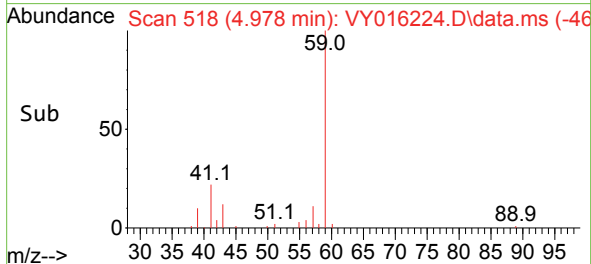
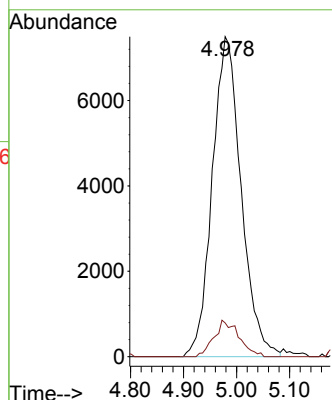
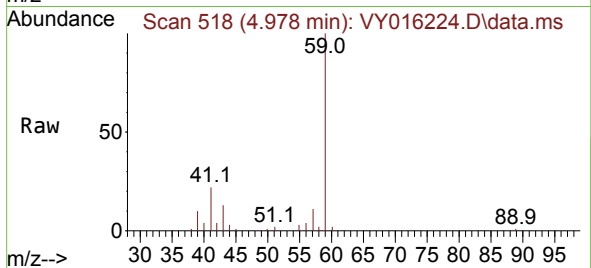




#11
Tert butyl alcohol
Concen: 267.173 ug/l
RT: 4.978 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

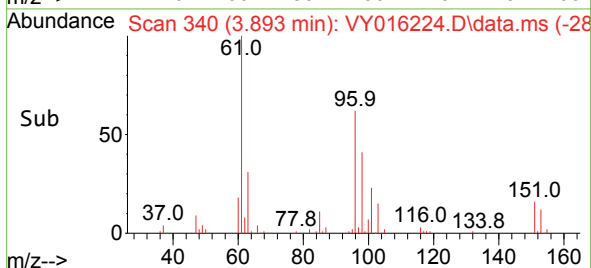
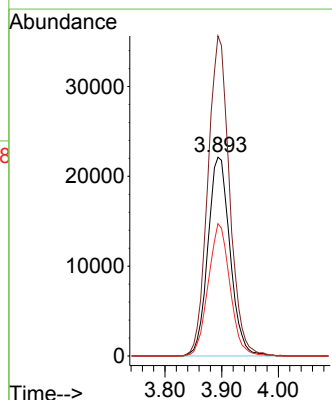
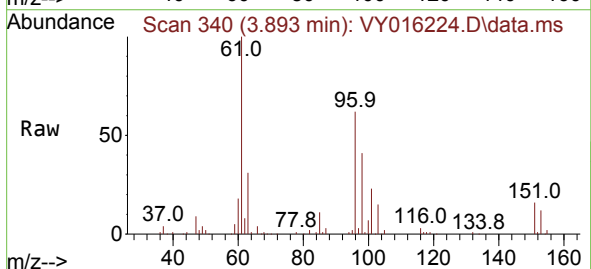
Instrument :
MSVOA_Y
ClientSampleId :

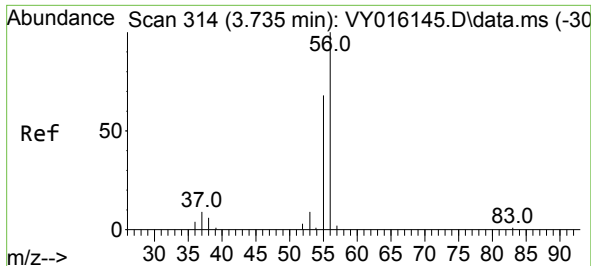
Tgt Ion: 59 Resp: 28295
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.120 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 96 Resp: 60076
Ion Ratio Lower Upper
96 100
61 161.0 136.4 204.6
98 66.6 49.4 74.2





#13

Acrolein

Concen: 214.348 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

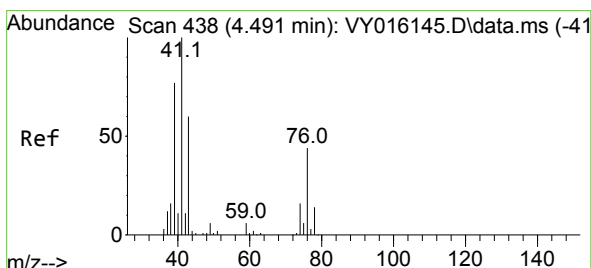
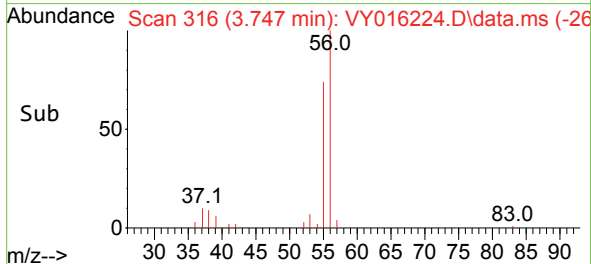
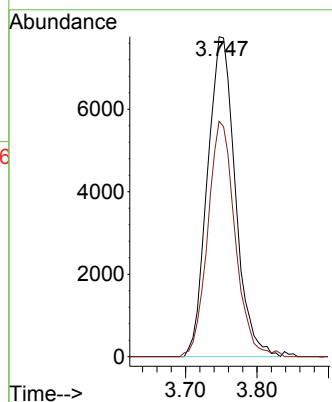
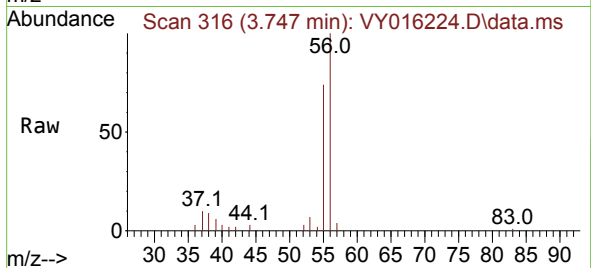
ClientSampleId :

Tgt Ion: 56 Resp: 20975

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 57.541 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

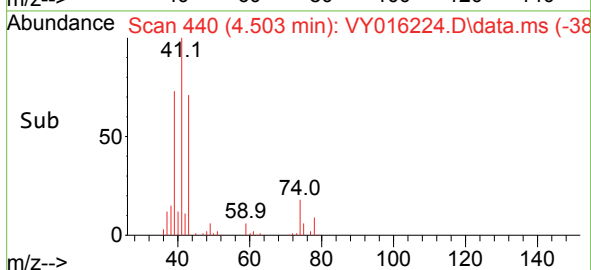
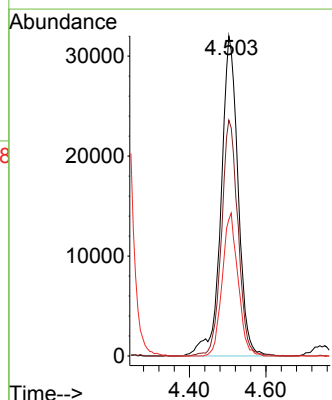
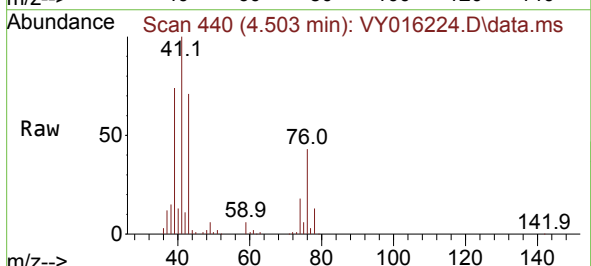
Tgt Ion: 41 Resp: 98654

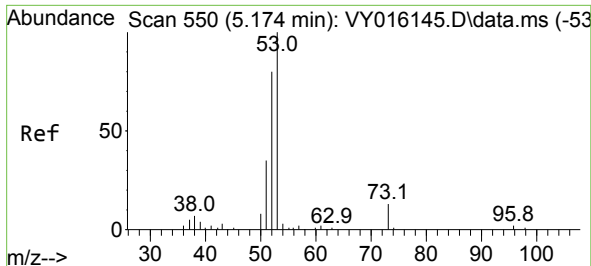
Ion Ratio Lower Upper

41 100

39 71.6 58.0 87.0

76 41.5 27.4 41.2#

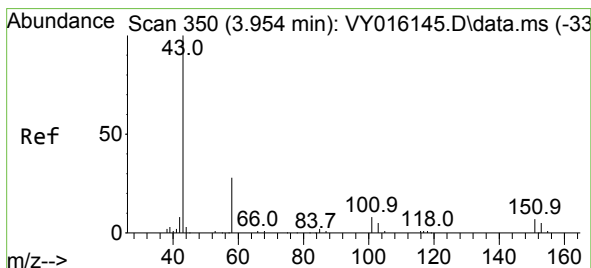
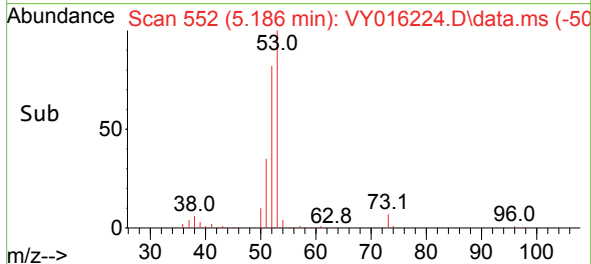
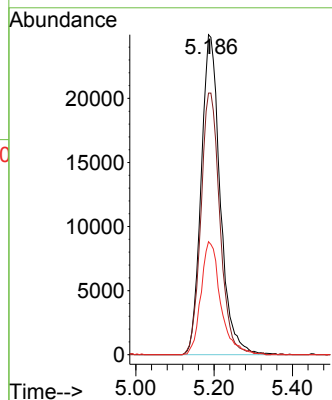
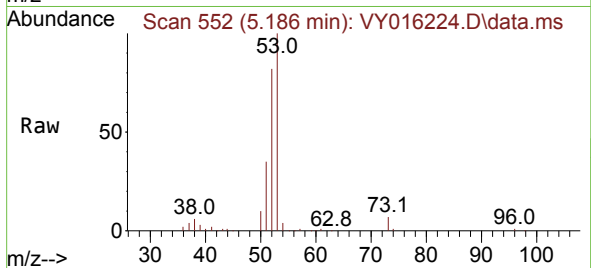




#15
Acrylonitrile
Concen: 285.600 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

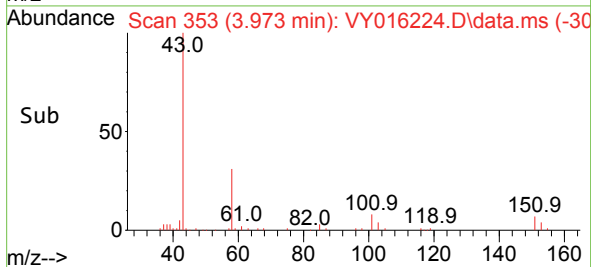
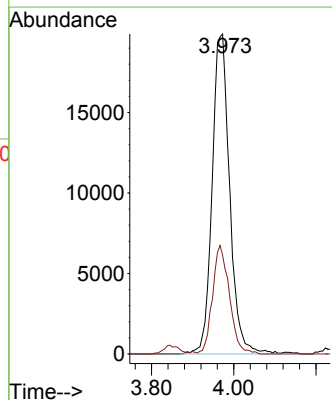
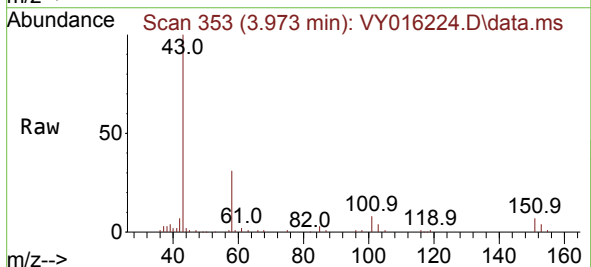
Instrument :
MSVOA_Y
ClientSampleId :

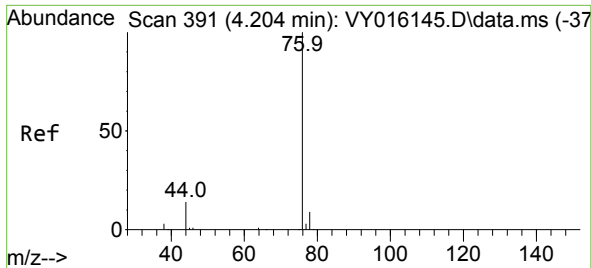
Tgt Ion: 53 Resp: 84319
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 260.874 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.019 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 43 Resp: 58840
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1





#17

Carbon Disulfide

Concen: 49.968 ug/l

RT: 4.223 min Scan# 391

Delta R.T. 0.019 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

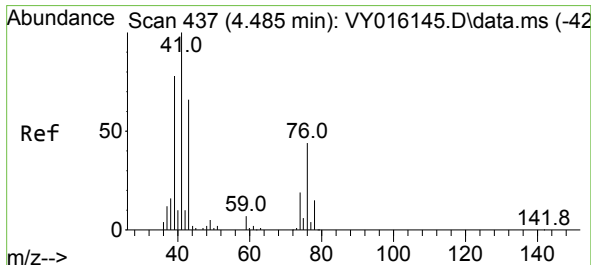
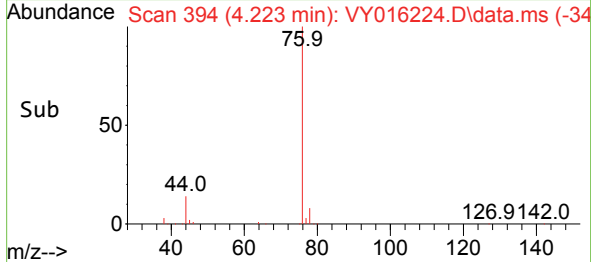
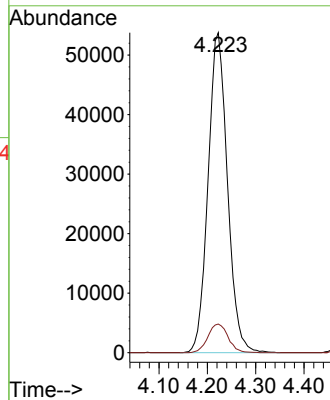
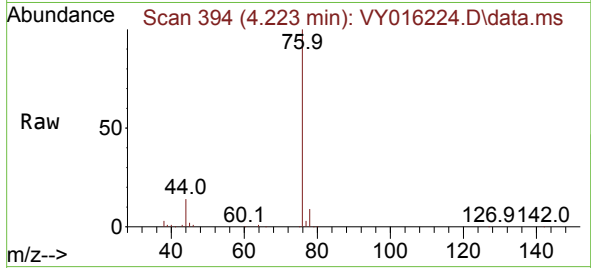
ClientSampleId :

Tgt Ion: 76 Resp: 149532

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 59.634 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.018 min

Lab File: VY016224.D

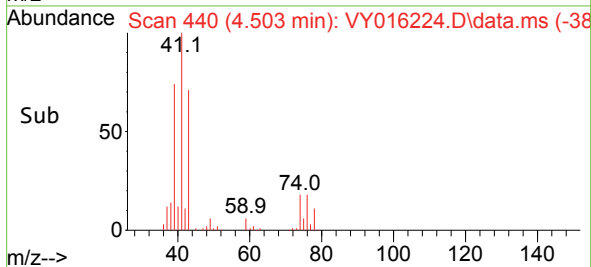
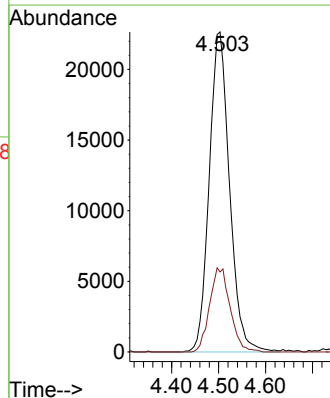
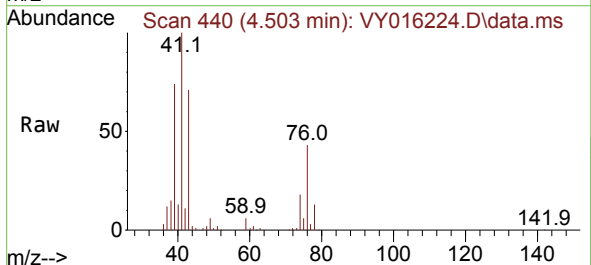
Acq: 03 Nov 2023 21:26

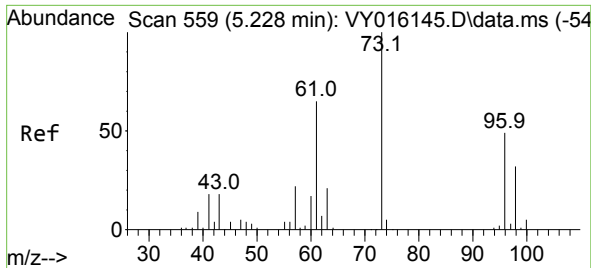
Tgt Ion: 43 Resp: 67978

Ion Ratio Lower Upper

43 100

74 26.5 17.4 26.0#

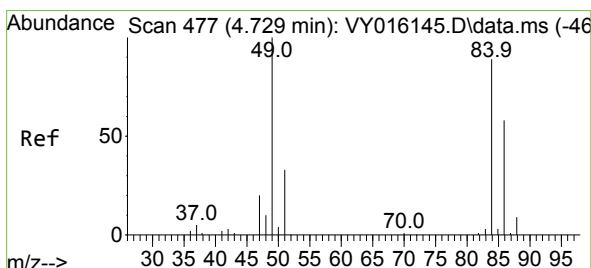
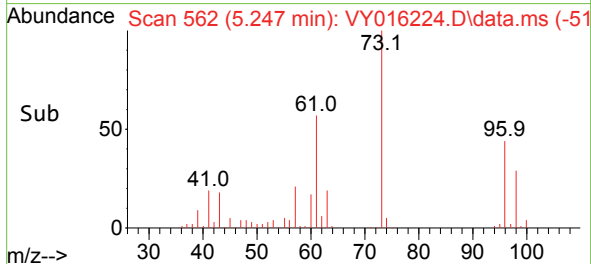
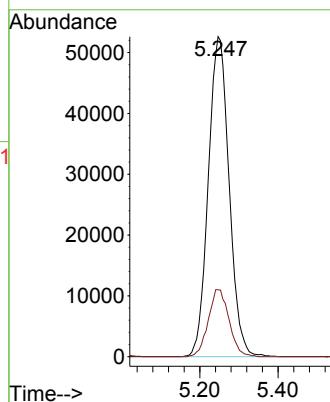
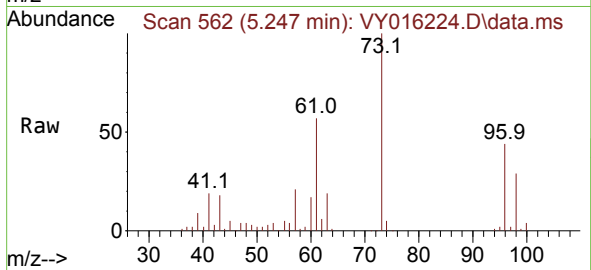




#19
Methyl tert-butyl Ether
Concen: 56.963 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

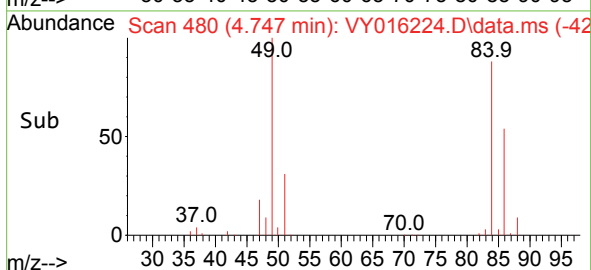
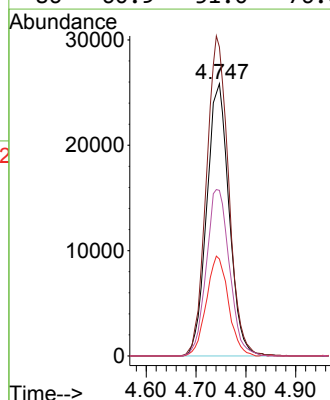
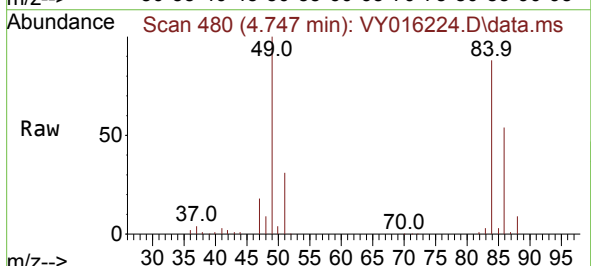
Instrument :
MSVOA_Y
ClientSampleId :

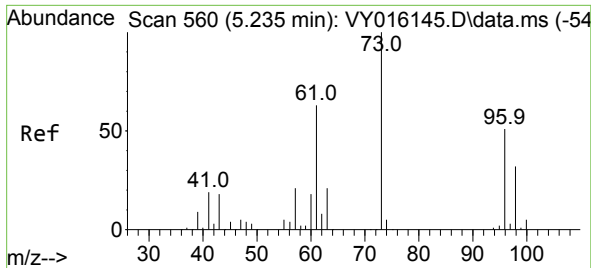
Tgt Ion: 73 Resp: 194215
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 56.225 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

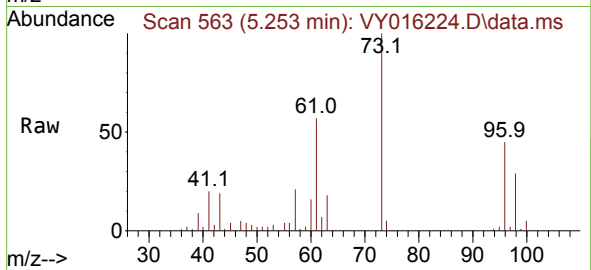
Tgt Ion: 84 Resp: 80513
Ion Ratio Lower Upper
84 100
49 113.5 106.9 160.3
51 35.6 33.2 49.8
86 60.9 51.0 76.6



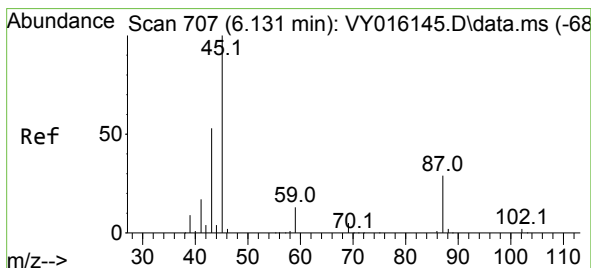
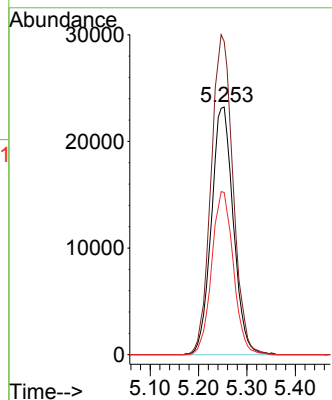
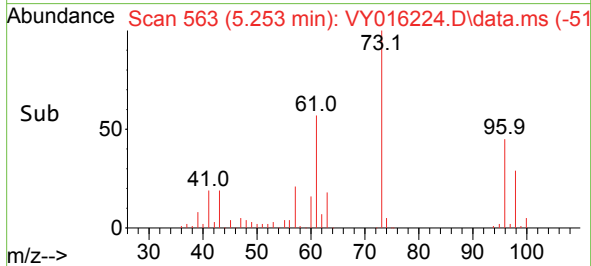


#21
trans-1,2-Dichloroethene
Concen: 52.615 ug/l
RT: 5.253 min Scan# 509
Delta R.T. 0.018 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

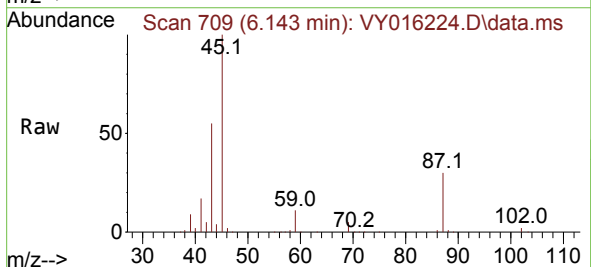
Instrument :
MSVOA_Y
ClientSampleId :



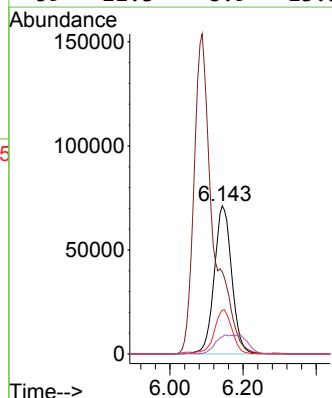
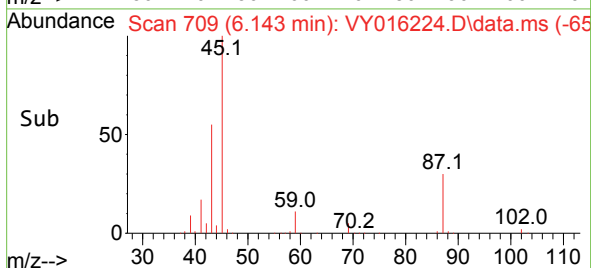
Tgt Ion: 96 Resp: 73461
Ion Ratio Lower Upper
96 100
61 126.4 110.2 165.4
98 65.5 51.8 77.6

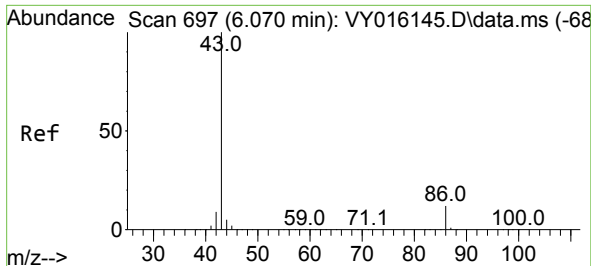


#22
Diisopropyl ether
Concen: 57.167 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26



Tgt Ion: 45 Resp: 237064
Ion Ratio Lower Upper
45 100
43 55.0 52.2 78.4
87 29.6 21.0 31.6
59 11.3 8.9 13.3

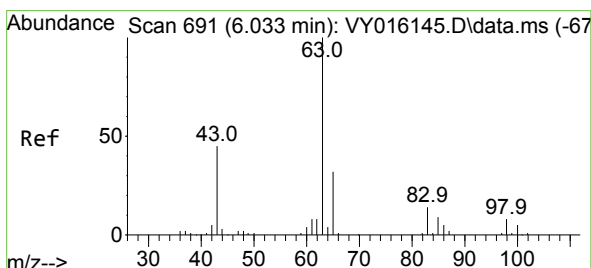
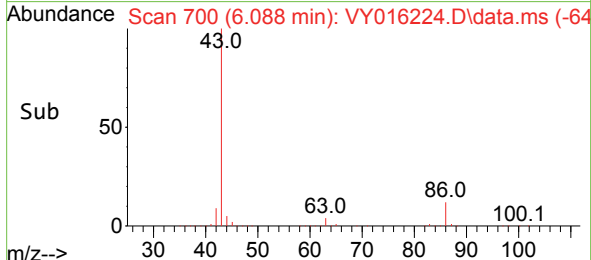
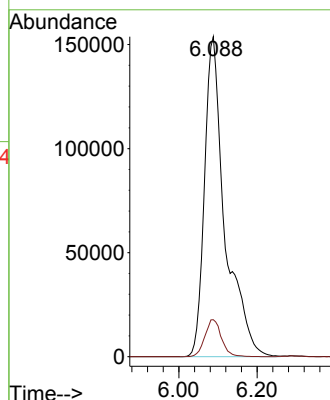
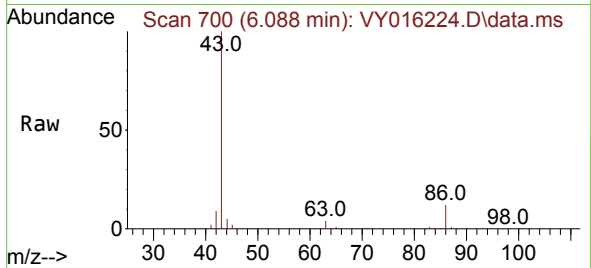




#23
 Vinyl Acetate
 Concen: 273.542 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

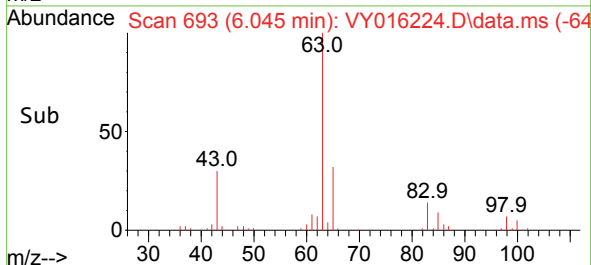
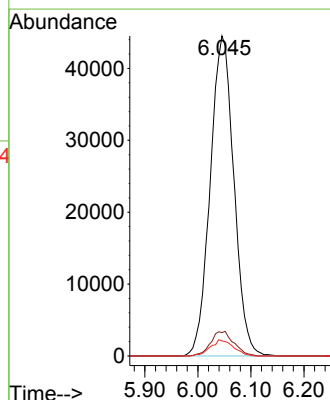
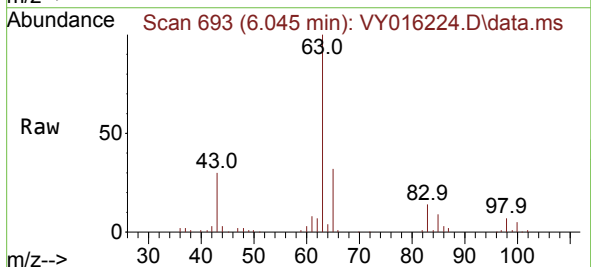
Instrument :
 MSVOA_Y
 ClientSampleId :

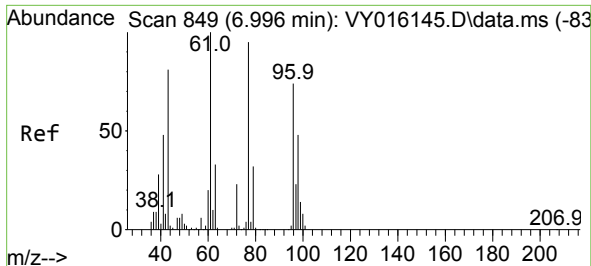
Tgt Ion: 43 Resp: 556945
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 55.676 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

Tgt Ion: 63 Resp: 138180
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.7 1.8 5.5

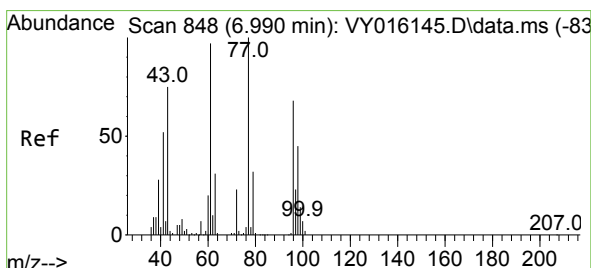
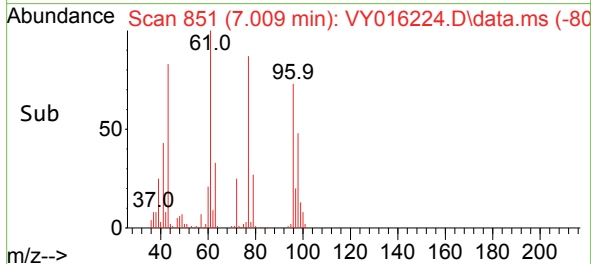
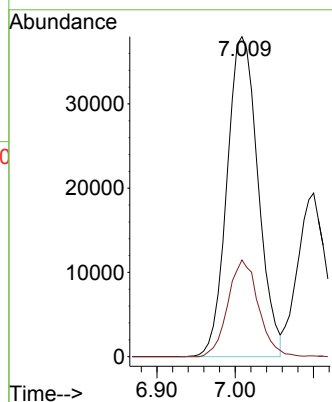
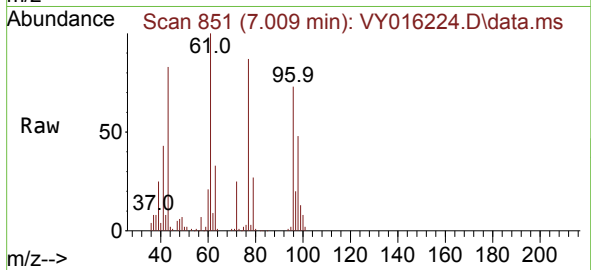




#25
2-Butanone
Concen: 268.223 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

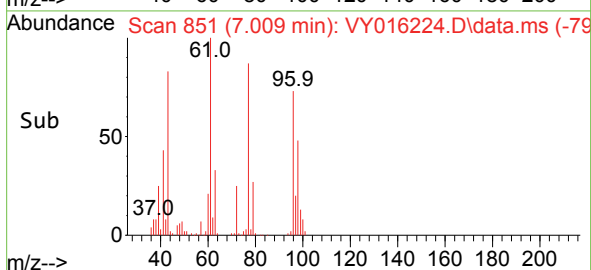
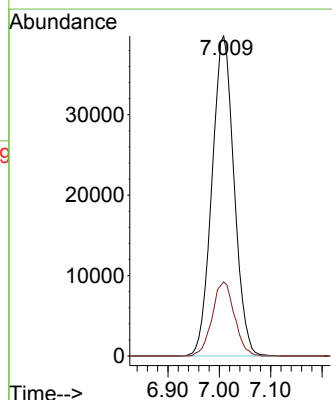
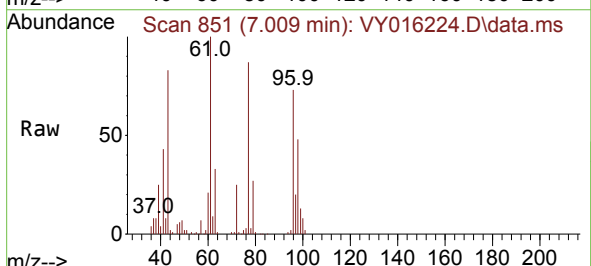
Instrument :
MSVOA_Y
ClientSampleId :

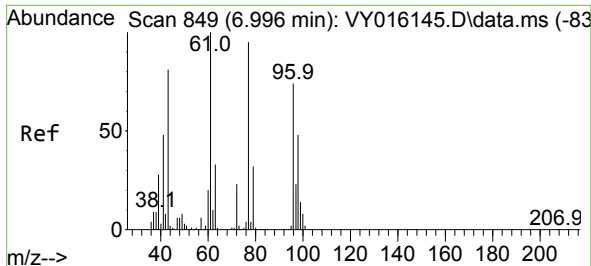
Tgt Ion: 43 Resp: 104892
Ion Ratio Lower Upper
43 100
72 30.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.695 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

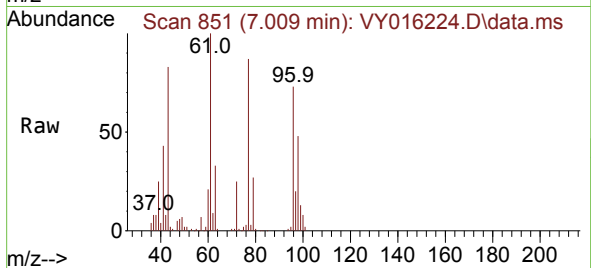
Tgt Ion: 77 Resp: 118936
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9



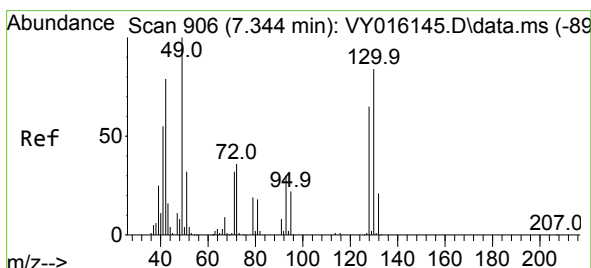
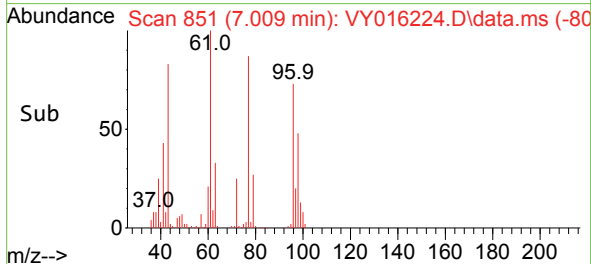
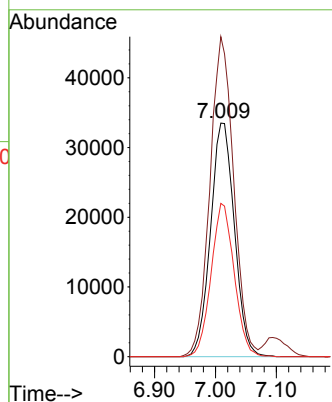


#27
 cis-1,2-Dichloroethene
 Concen: 55.591 ug/l
 RT: 7.009 min Scan# 81
 Delta R.T. 0.012 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

Instrument :
 MSVOA_Y
 ClientSampleId :

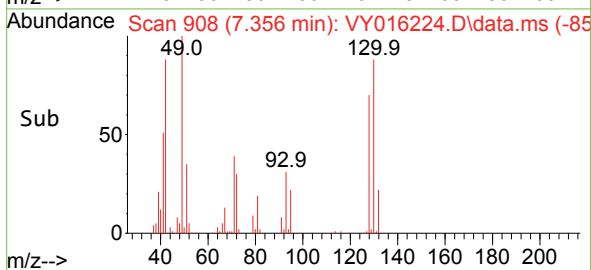
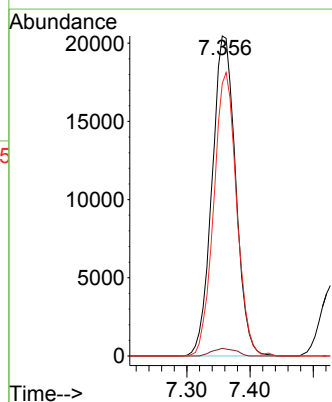
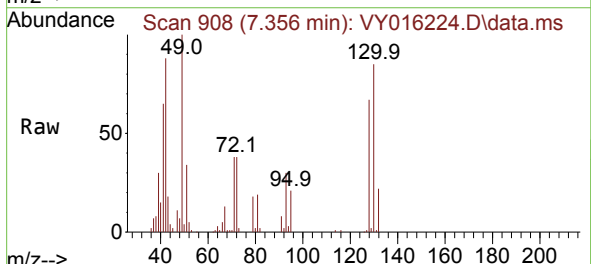


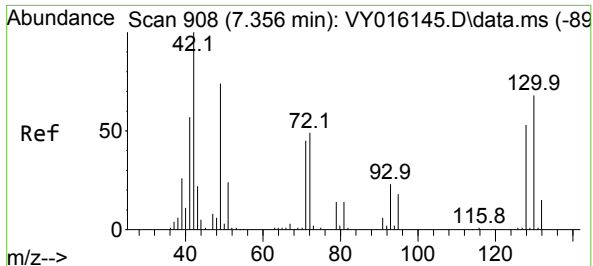
Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.3	0.0	301.4
98	63.5	0.0	130.4



#28
 Bromochloromethane
 Concen: 57.002 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.012 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	85.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 288.867 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

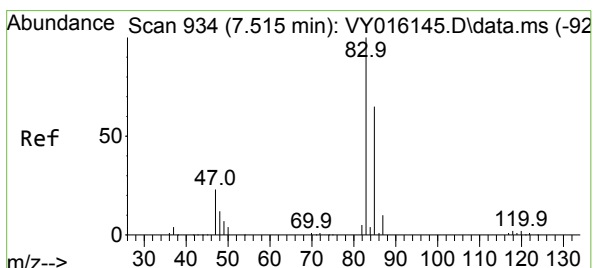
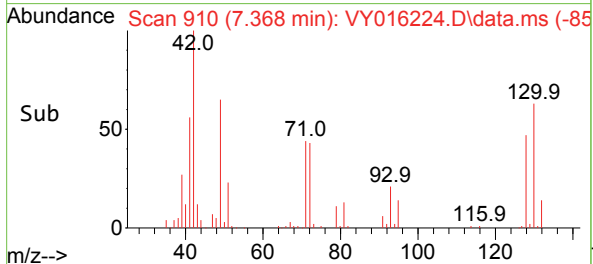
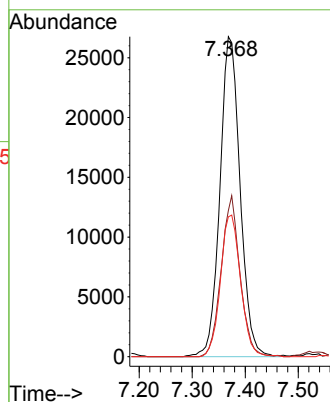
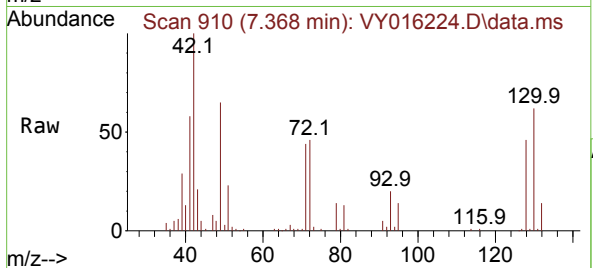
Tgt Ion: 42 Resp: 70813

Ion Ratio Lower Upper

42 100

72 46.8 32.8 49.2

71 44.2 31.0 46.4



#30

Chloroform

Concen: 55.691 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.012 min

Lab File: VY016224.D

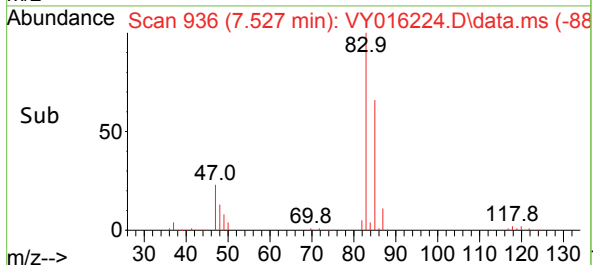
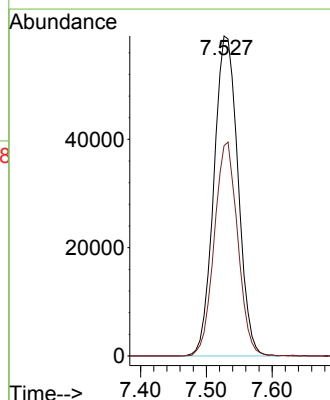
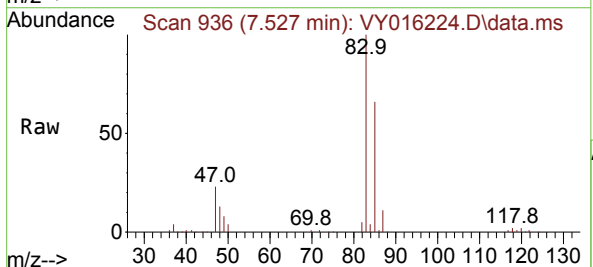
Acq: 03 Nov 2023 21:26

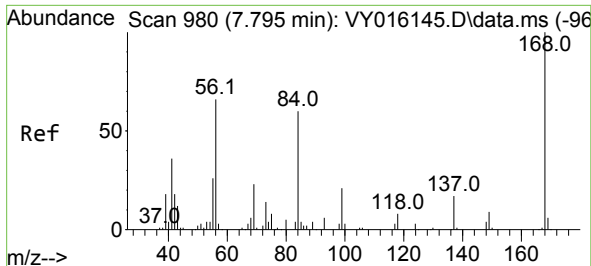
Tgt Ion: 83 Resp: 150481

Ion Ratio Lower Upper

83 100

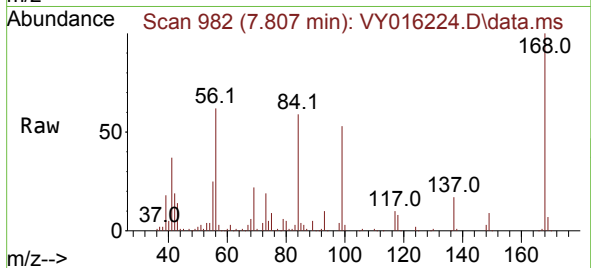
85 65.7 49.7 74.5



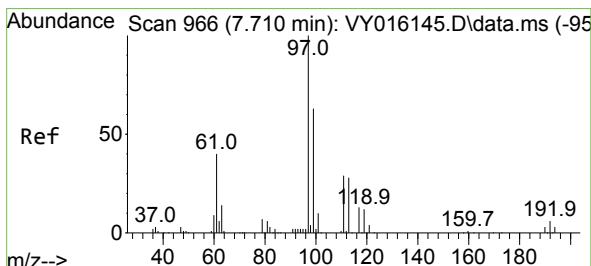
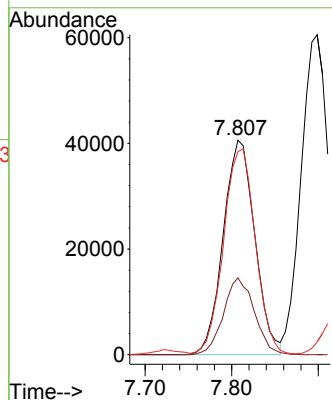
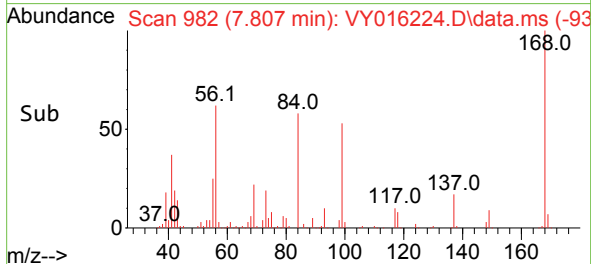


#31
Cyclohexane
Concen: 47.293 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Instrument :
MSVOA_Y
ClientSampleId :

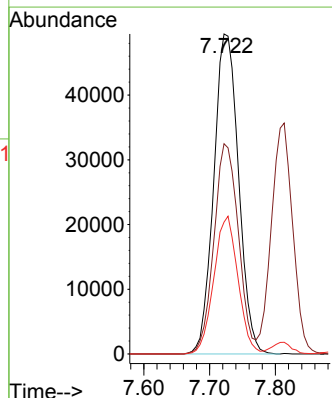
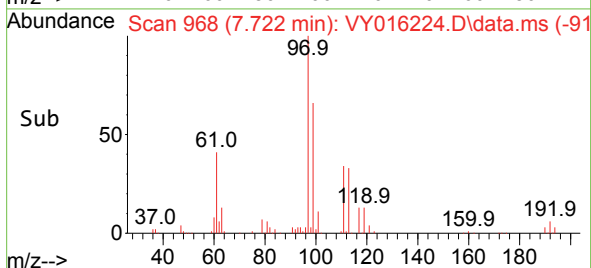
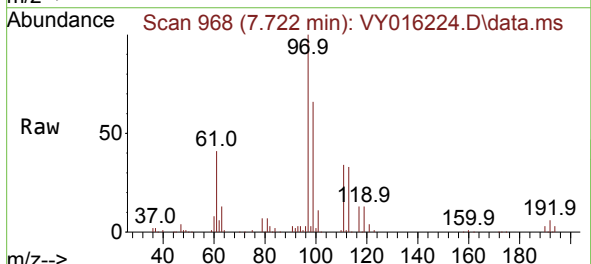


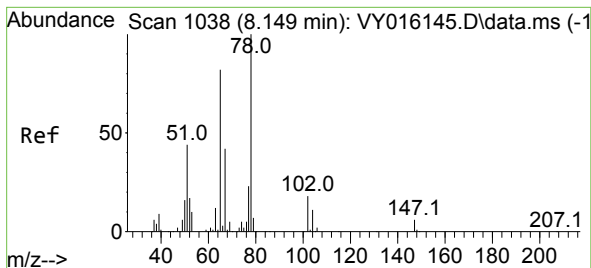
Tgt Ion: 56 Resp: 103050
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.447 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 97 Resp: 129964
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.004 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

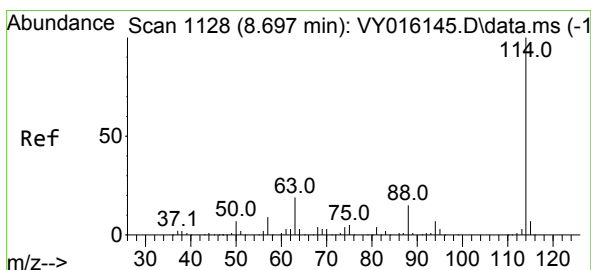
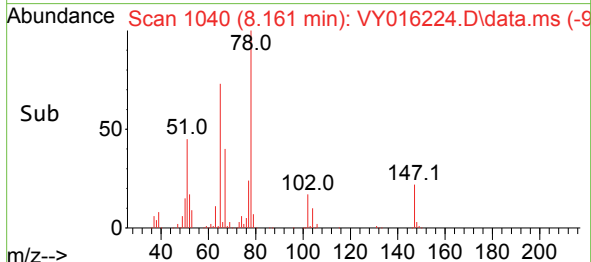
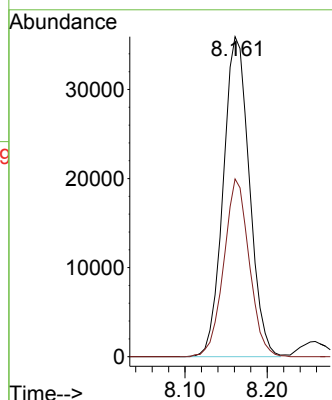
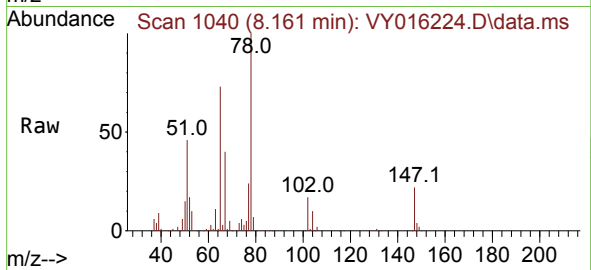
ClientSampleId :

Tgt Ion: 65 Resp: 79383

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

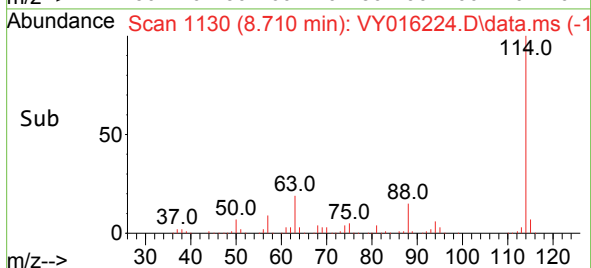
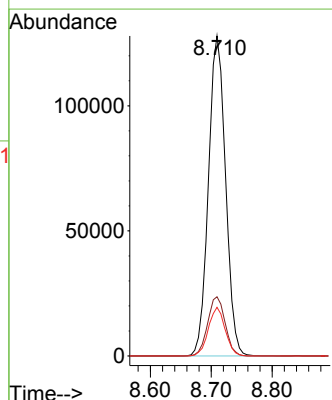
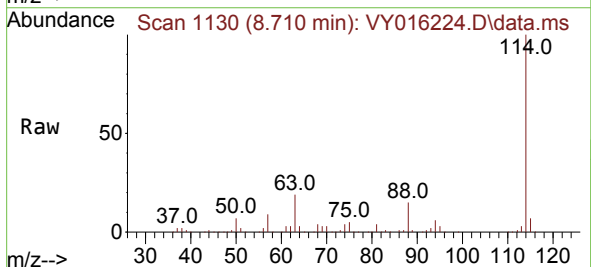
Tgt Ion: 114 Resp: 250072

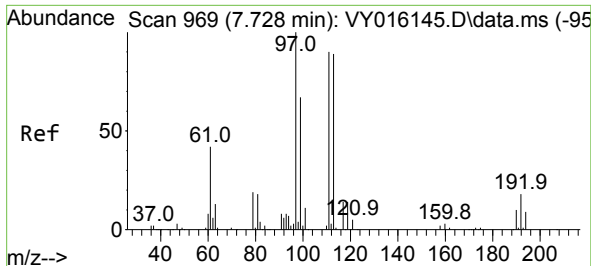
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.2 0.0 30.6

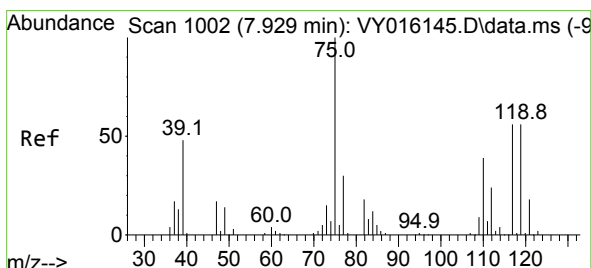
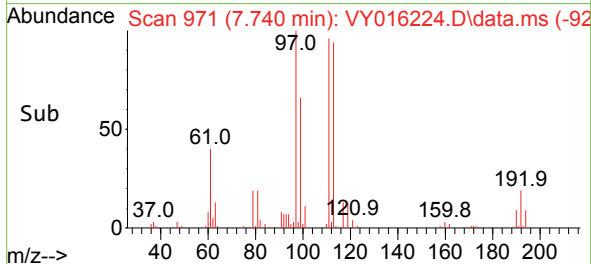
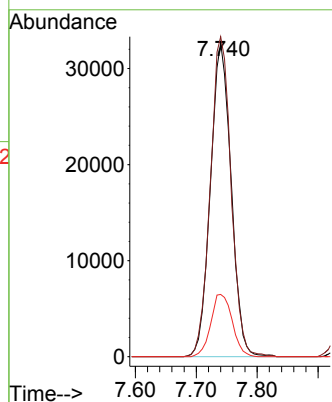
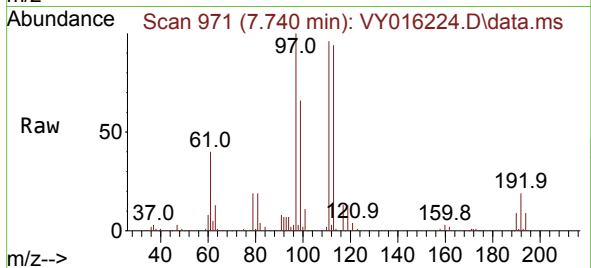




#35
Dibromofluoromethane
Concen: 51.623 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

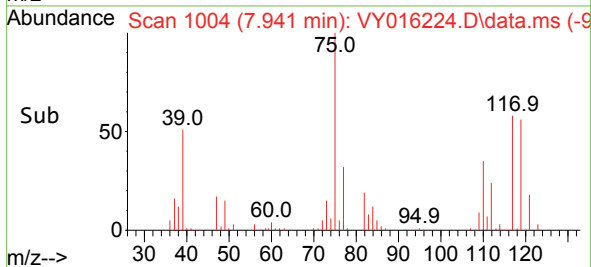
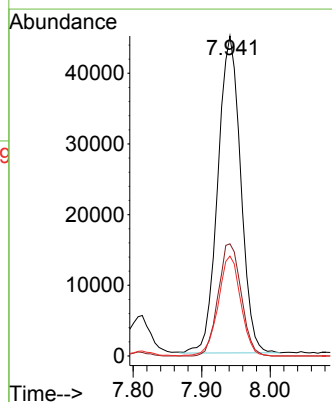
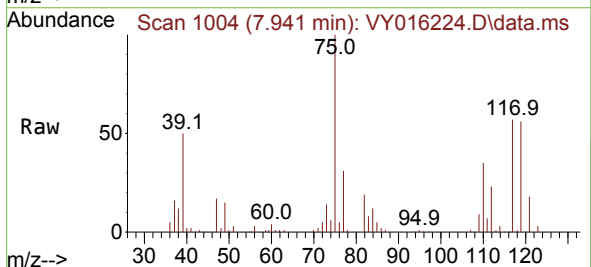
Instrument :
MSVOA_Y
ClientSampleId :

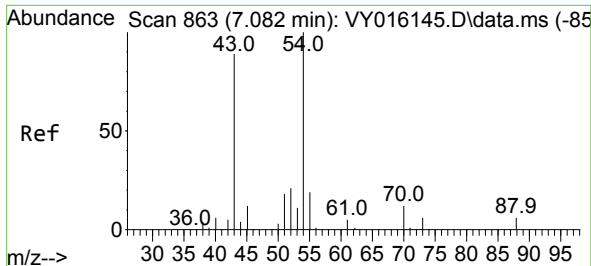
Tgt Ion:113 Resp: 76963
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.235 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 75 Resp: 103839
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 52.921 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

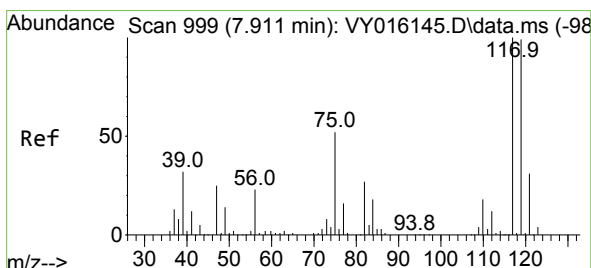
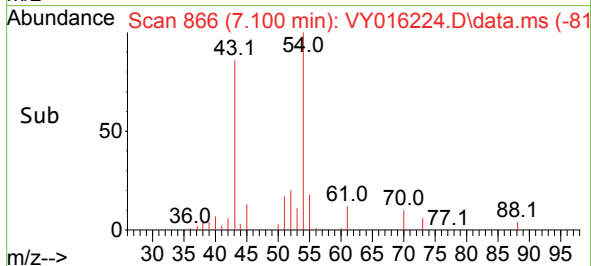
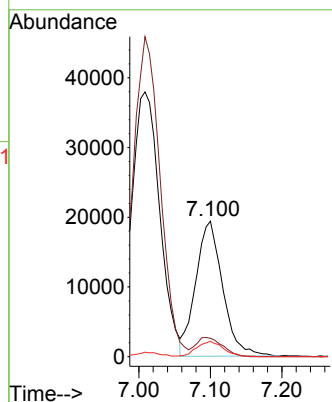
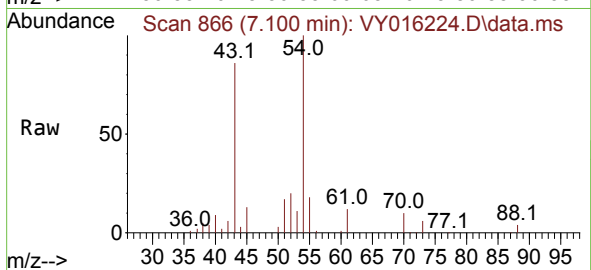
Tgt Ion: 43 Resp: 50743

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 11.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.515 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

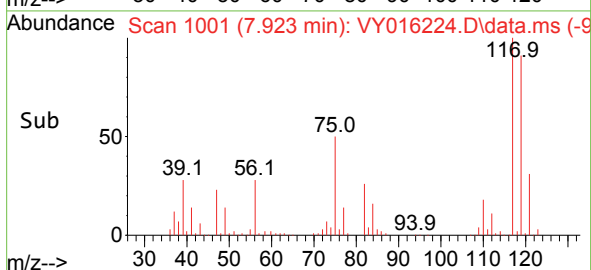
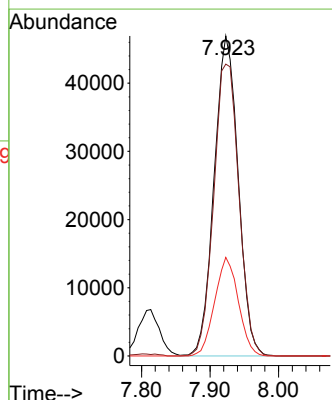
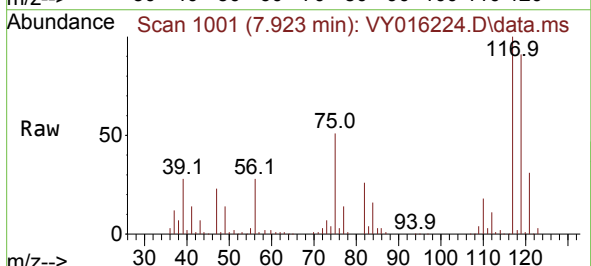
Tgt Ion: 117 Resp: 114137

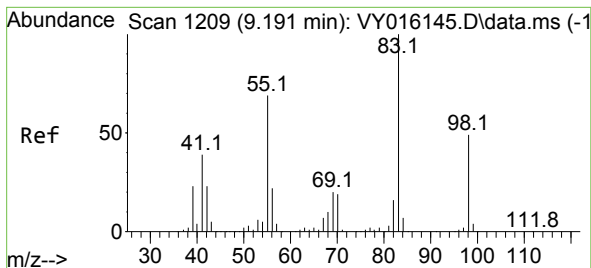
Ion Ratio Lower Upper

117 100

119 91.2 76.4 114.6

121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 46.252 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

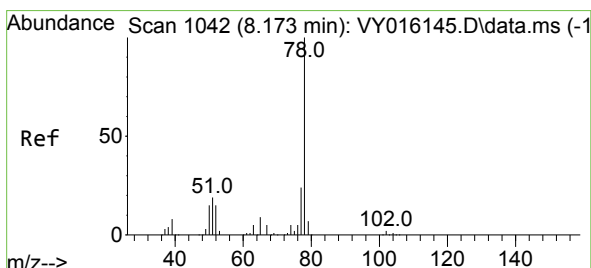
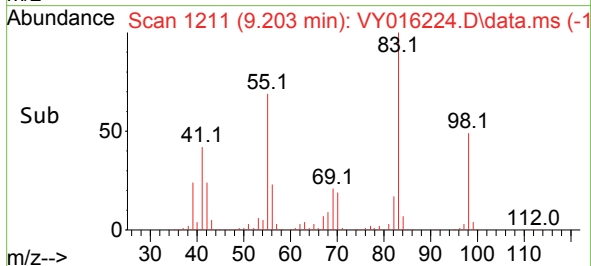
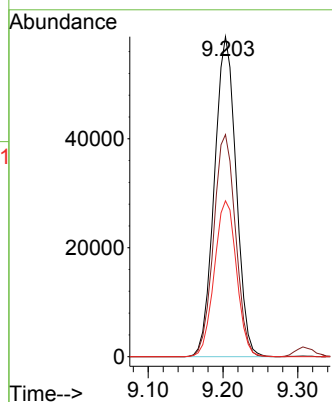
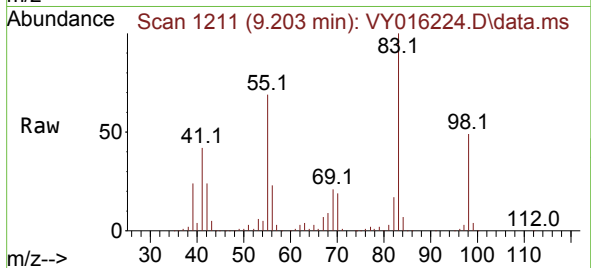
Tgt Ion: 83 Resp: 118855

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 50.982 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016224.D

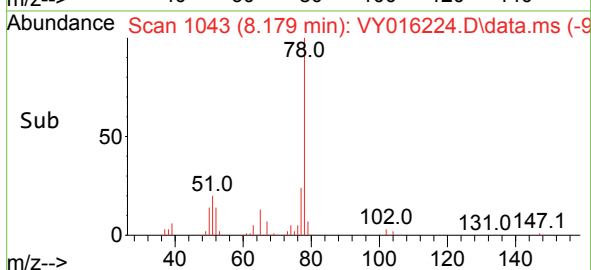
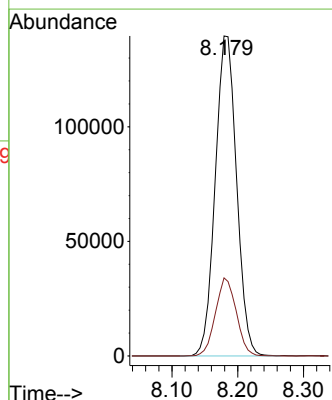
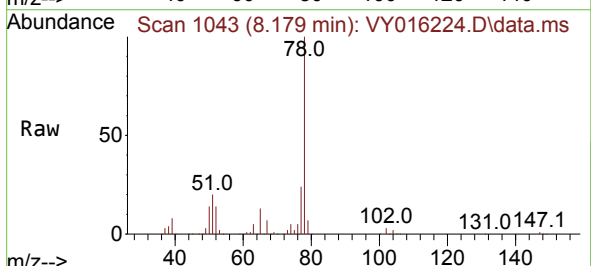
Acq: 03 Nov 2023 21:26

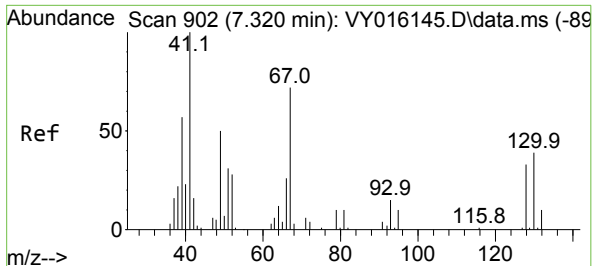
Tgt Ion: 78 Resp: 315089

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

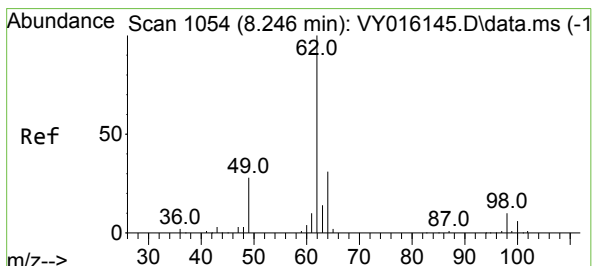
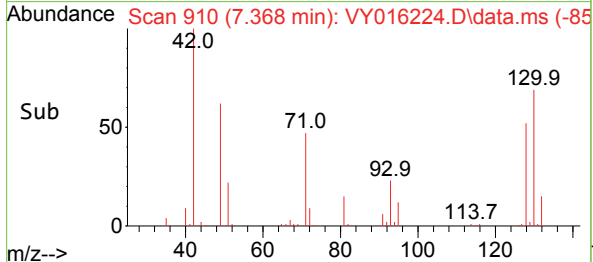
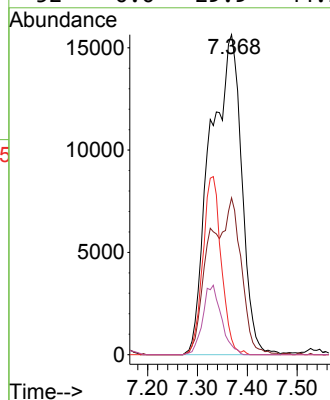
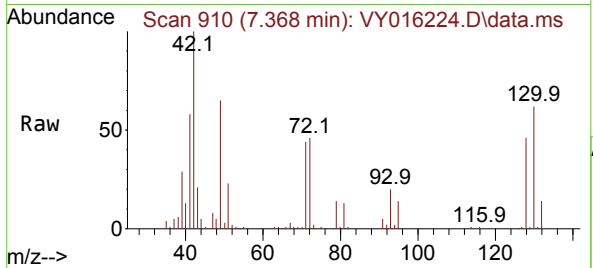




#41
Methacrylonitrile
Concen: 122.613 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.049 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

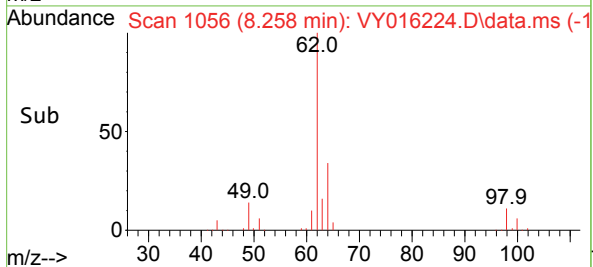
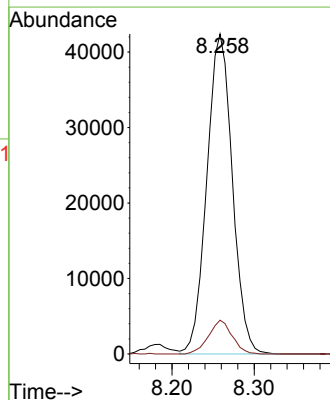
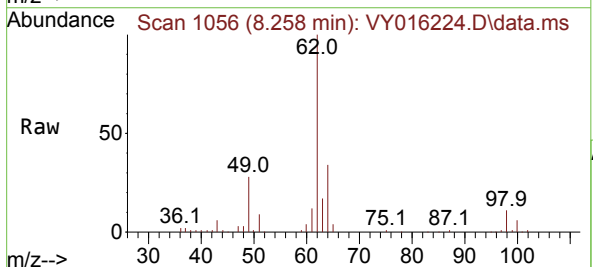
Instrument :
MSVOA_Y
ClientSampleId :

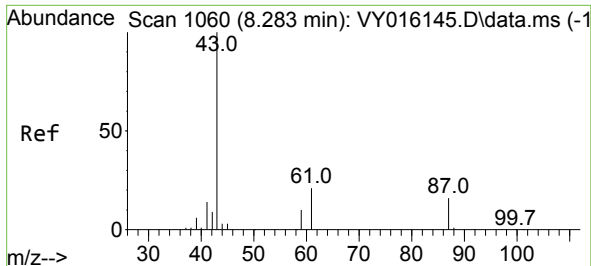
Tgt Ion: 41 Resp: 68242
Ion Ratio Lower Upper
41 100
39 21.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 52.946 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 62 Resp: 91318
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8

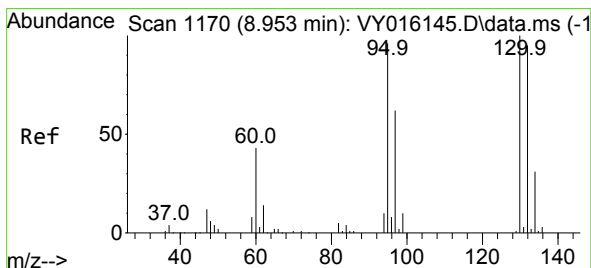
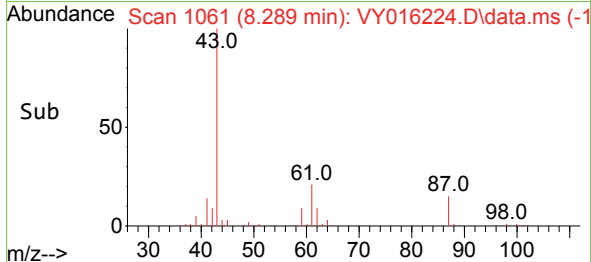
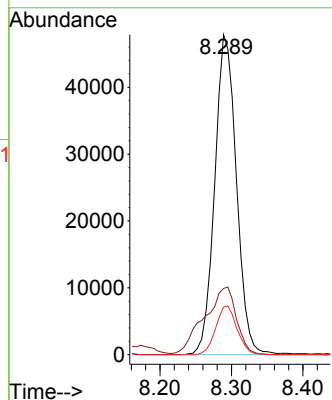
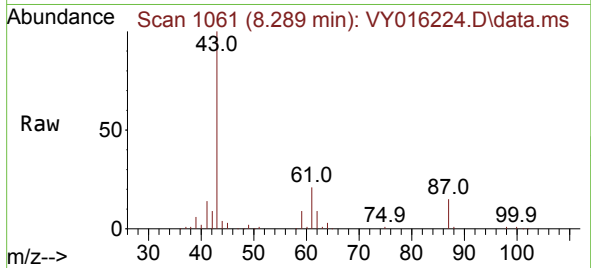




#43
Isopropyl Acetate
Concen: 53.155 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

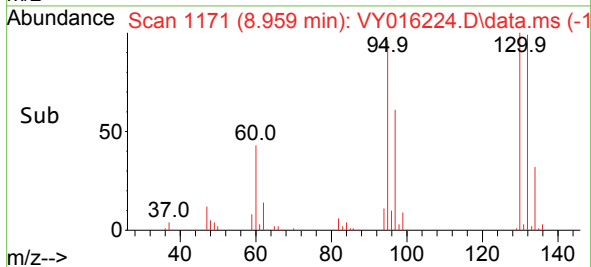
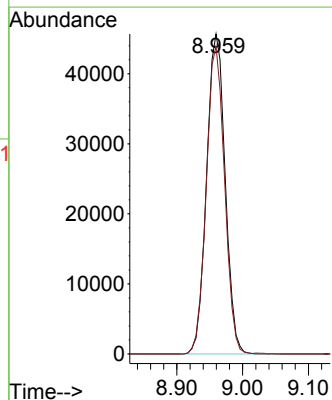
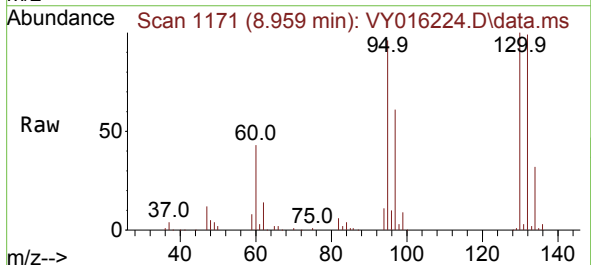
Instrument :
MSVOA_Y
ClientSampleId :

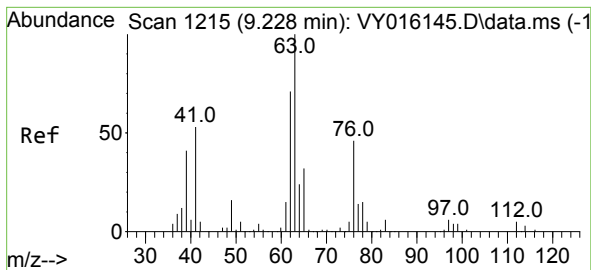
Tgt Ion: 43 Resp: 100817
Ion Ratio Lower Upper
43 100
61 31.4 21.1 31.7
87 15.0 9.8 14.8#



#44
Trichloroethene
Concen: 49.648 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion:130 Resp: 89795
Ion Ratio Lower Upper
130 100
95 96.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 54.554 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

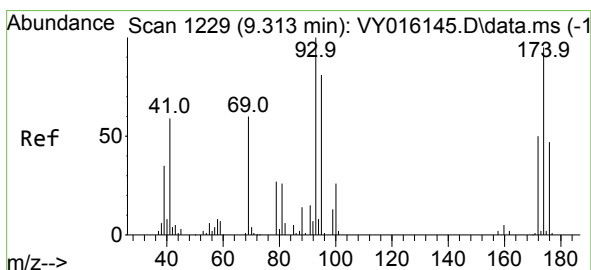
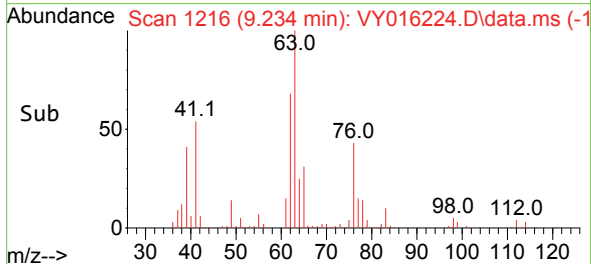
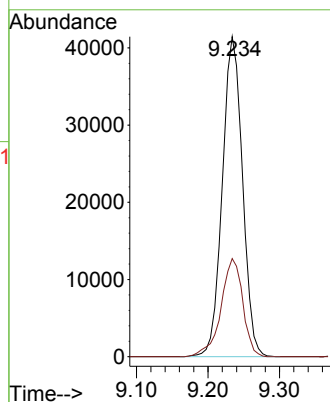
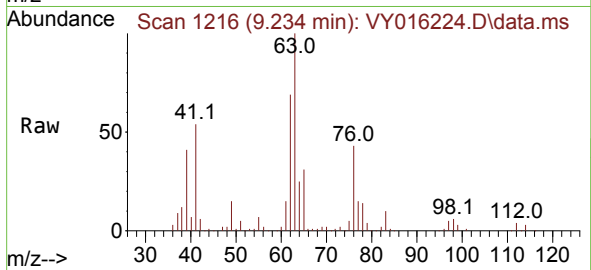
ClientSampleId :

Tgt Ion: 63 Resp: 81110

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 52.239 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

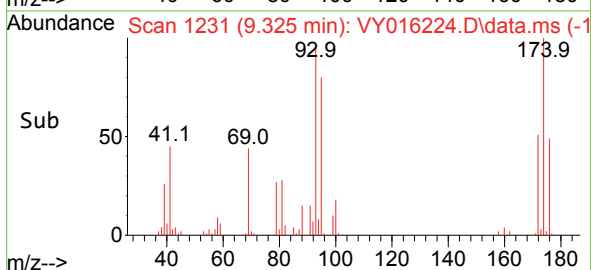
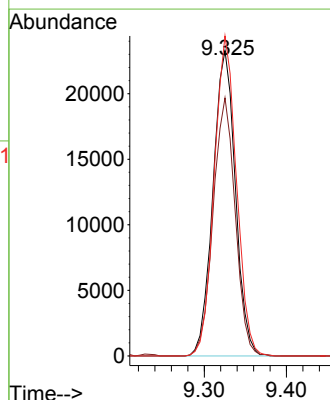
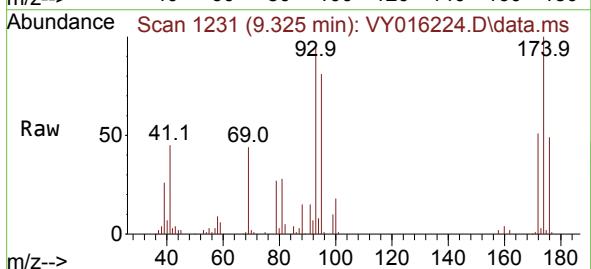
Tgt Ion: 93 Resp: 44059

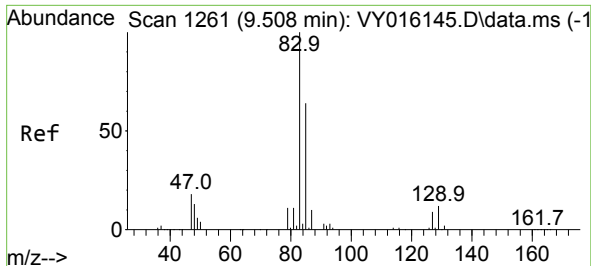
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 104.1 84.8 127.2

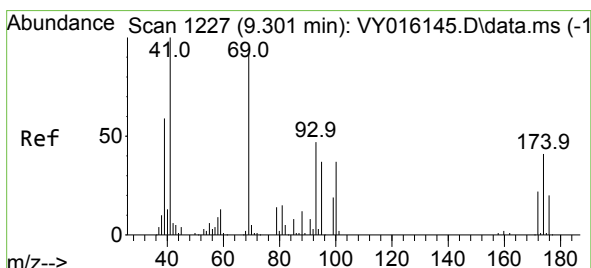
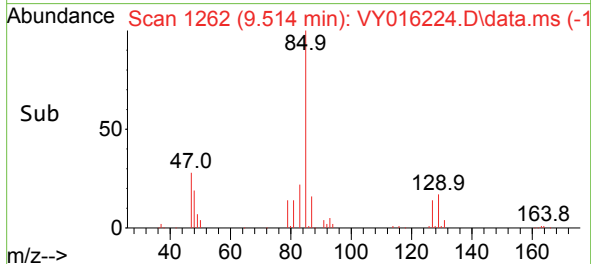
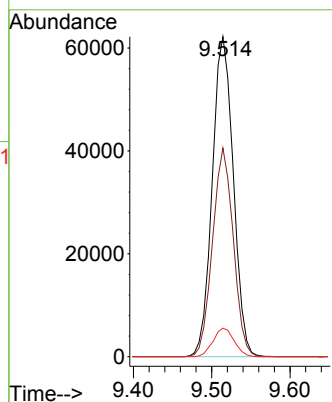
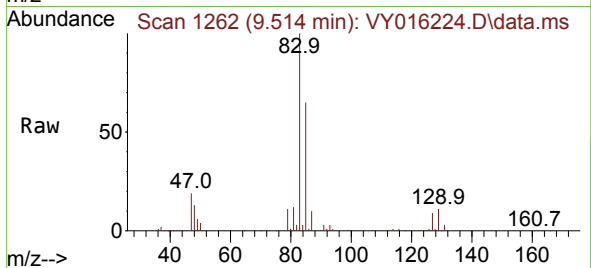




#47
Bromodichloromethane
Concen: 54.177 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

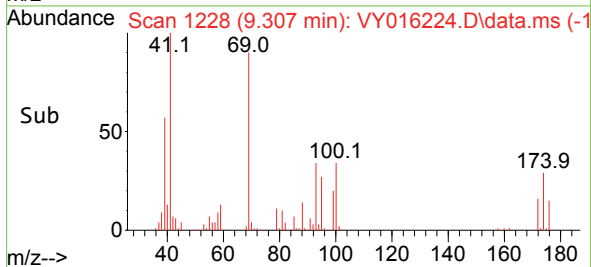
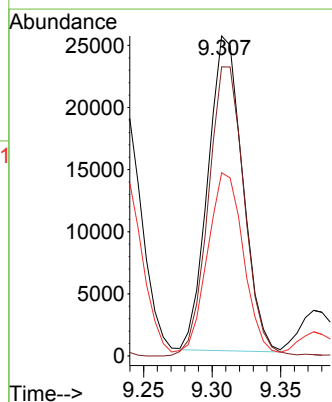
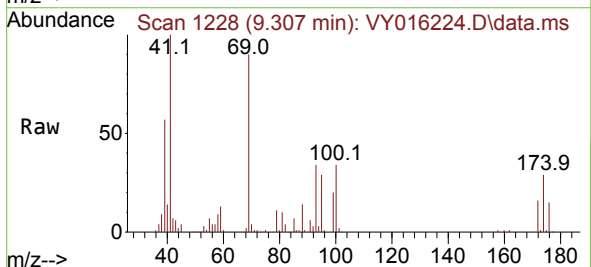
Instrument :
MSVOA_Y
ClientSampleId :

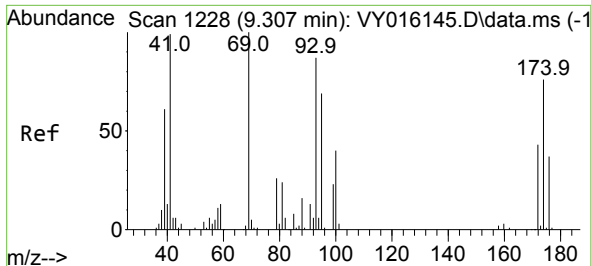
Tgt Ion: 83 Resp: 116097
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 51.647 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 41 Resp: 44543
Ion Ratio Lower Upper
41 100
69 95.4 64.5 96.7
39 61.1 50.8 76.2





#49

1,4-Dioxane

Concen: 1003.309 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

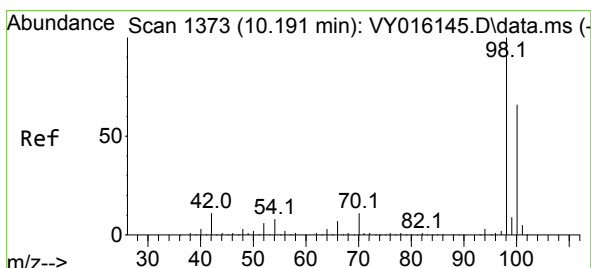
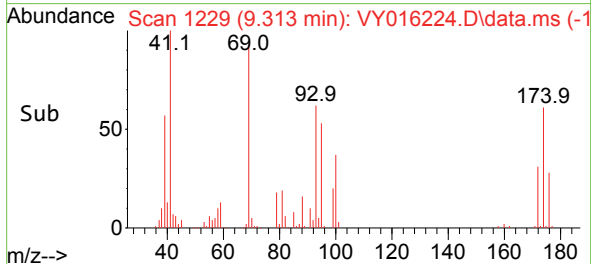
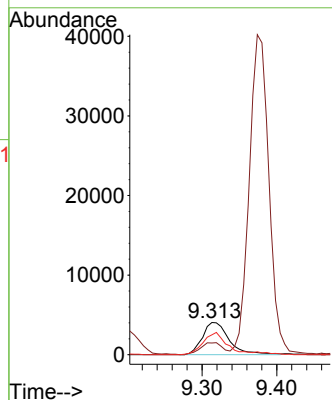
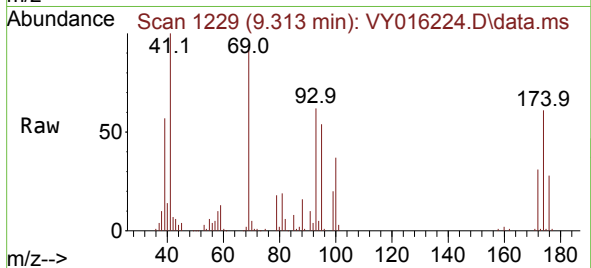
Tgt Ion: 88 Resp: 10063

Ion Ratio Lower Upper

88 100

43 31.7 0.0 0.0#

58 66.7 30.9 46.3#



#50

Toluene-d8

Concen: 52.722 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016224.D

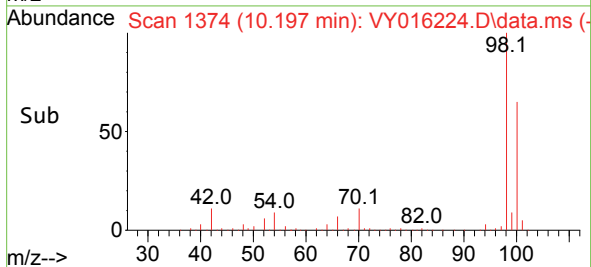
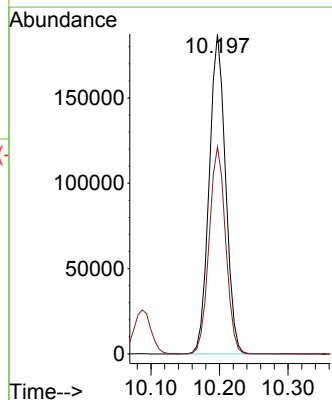
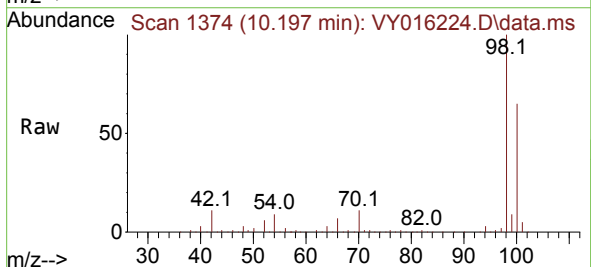
Acq: 03 Nov 2023 21:26

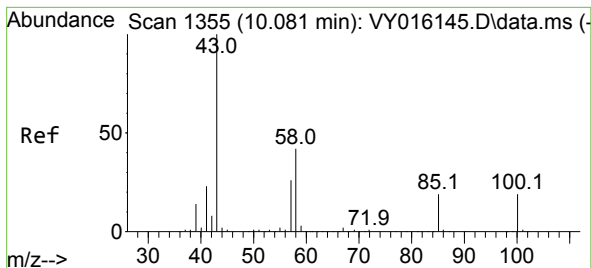
Tgt Ion: 98 Resp: 311638

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

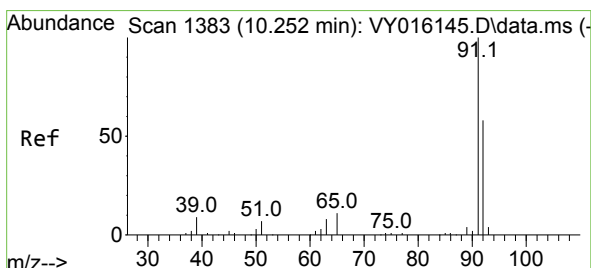
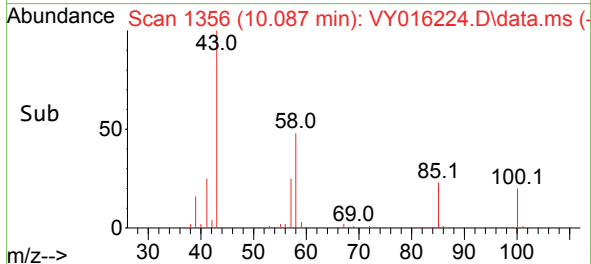
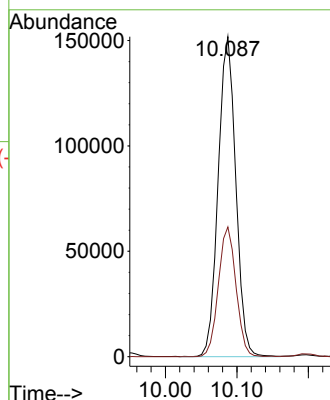
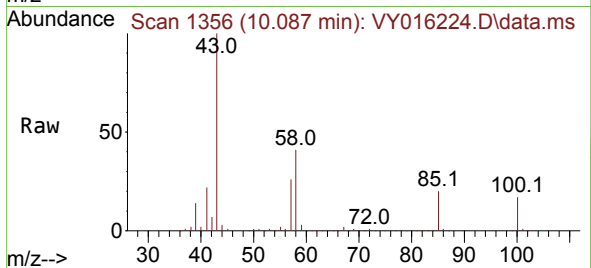




#51
4-Methyl-2-Pentanone
Concen: 274.808 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

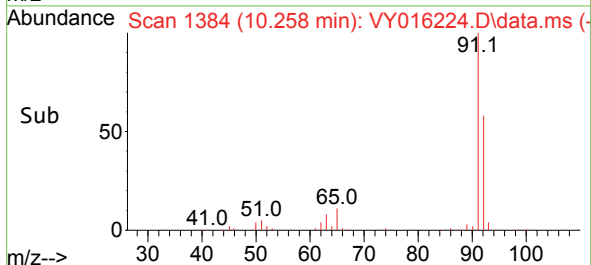
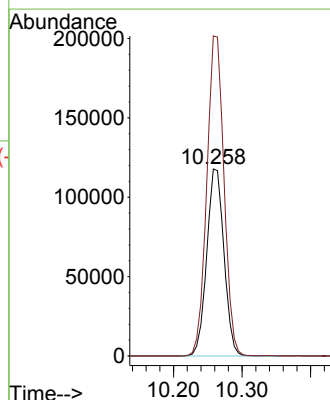
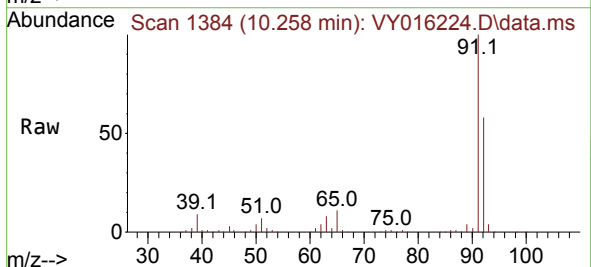
Instrument :
MSVOA_Y
ClientSampleId :

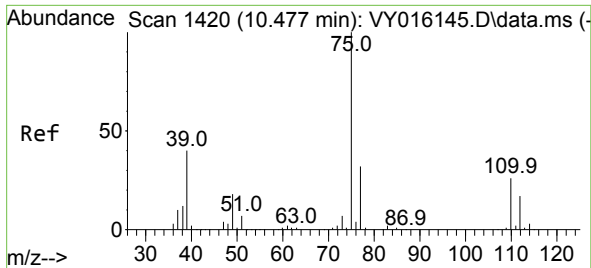
Tgt Ion: 43 Resp: 260069
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6



#52
Toluene
Concen: 51.351 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 92 Resp: 205654
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6

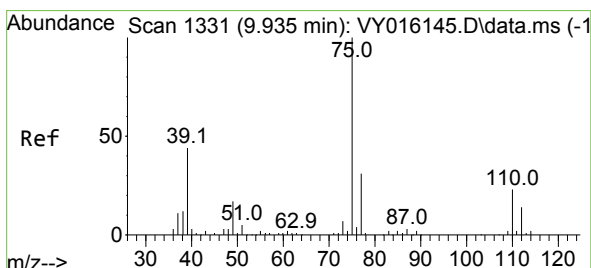
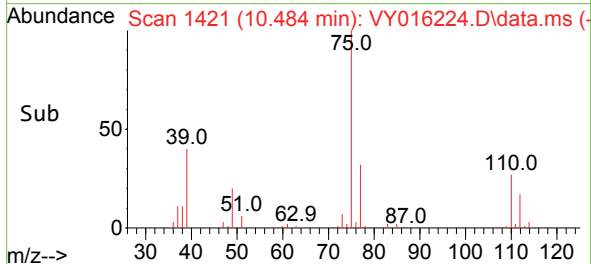
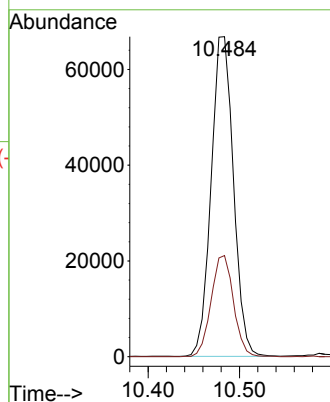
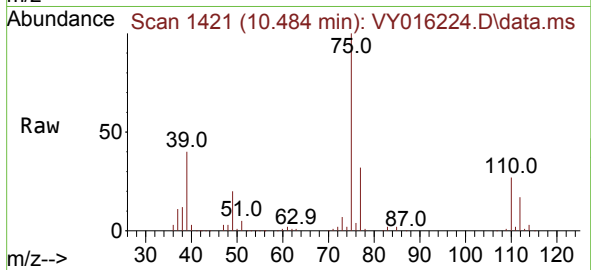




#53
 t-1,3-Dichloropropene
 Concen: 52.933 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

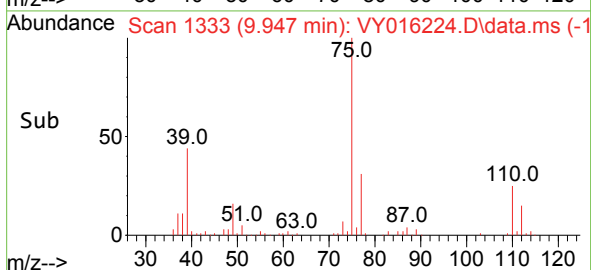
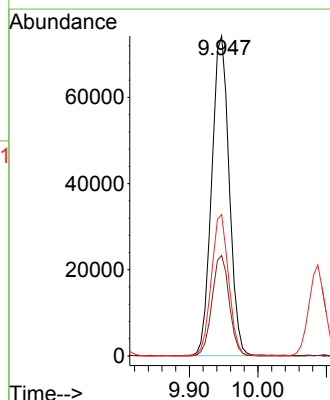
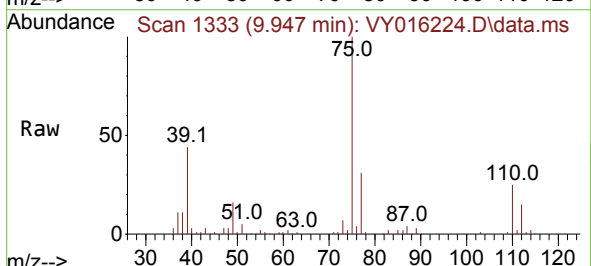
Instrument :
 MSVOA_Y
 ClientSampleId :

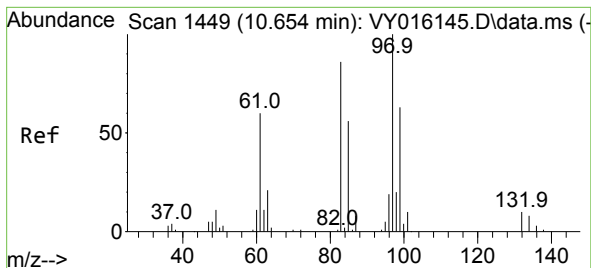
Tgt Ion: 75 Resp: 113235
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.492 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

Tgt Ion: 75 Resp: 131764
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 44.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.496 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 62280

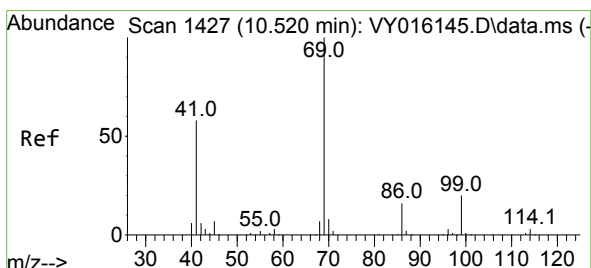
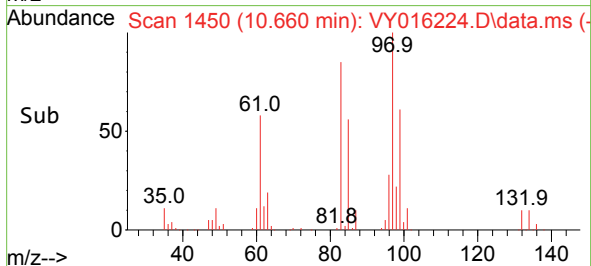
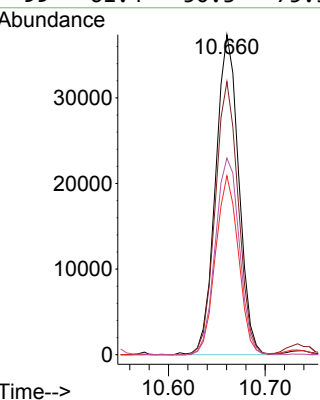
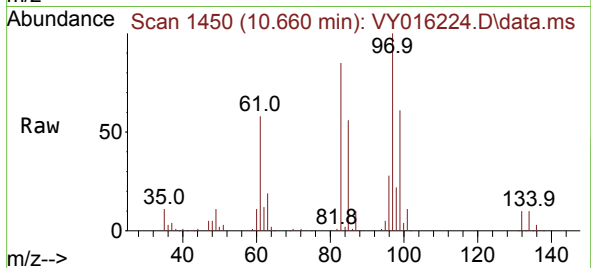
Ion Ratio Lower Upper

97 100

83 85.3 72.0 108.0

85 55.9 45.4 68.0

99 61.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.304 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

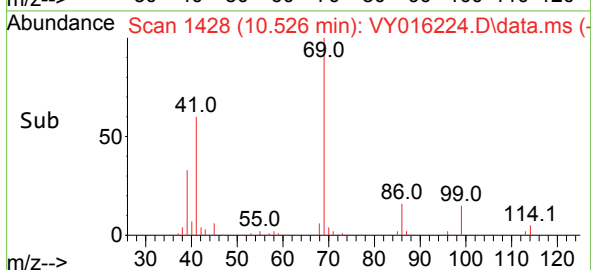
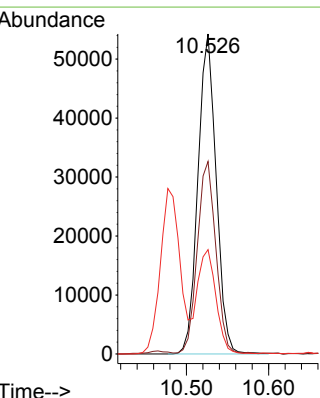
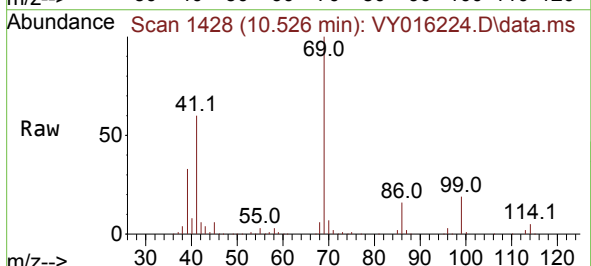
Tgt Ion: 69 Resp: 83668

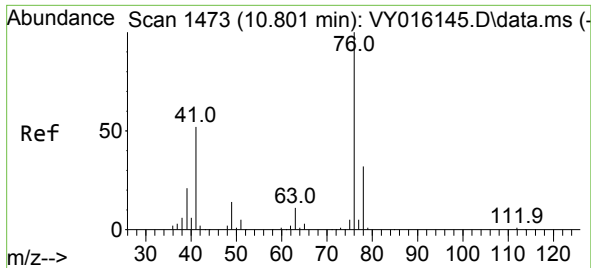
Ion Ratio Lower Upper

69 100

41 61.0 57.6 86.4

39 33.7 34.1 51.1#

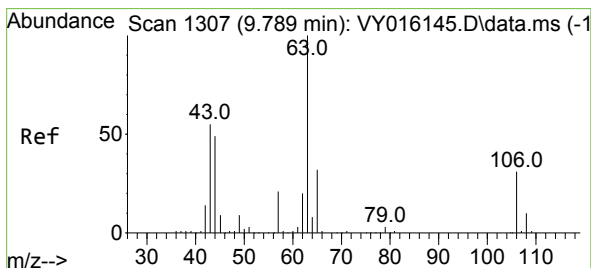
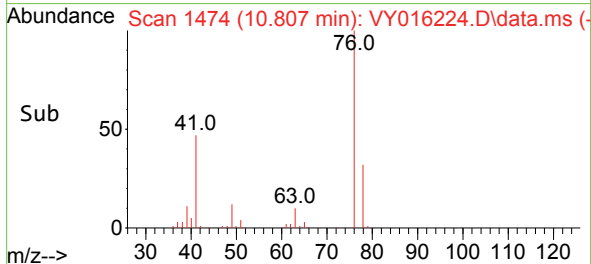
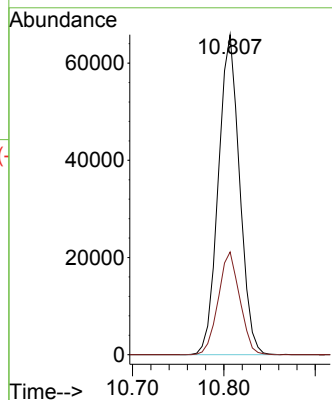
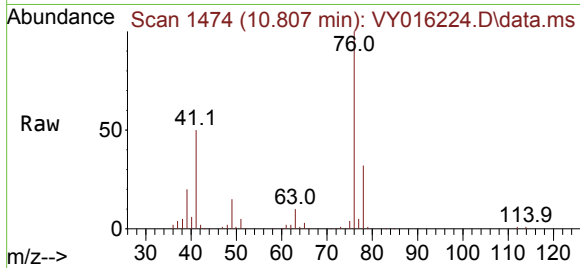




#57
1,3-Dichloropropane
Concen: 52.597 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

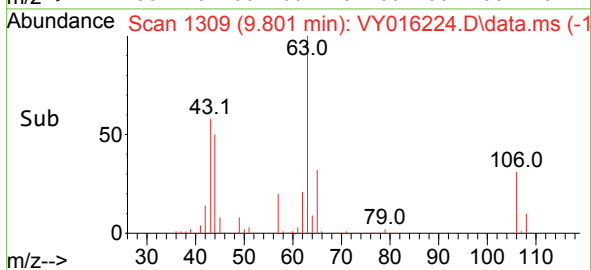
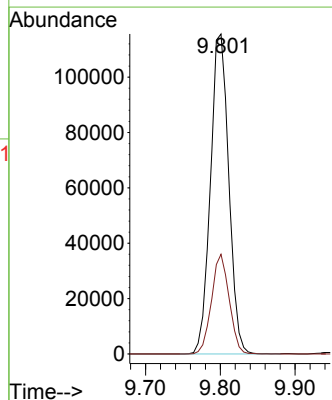
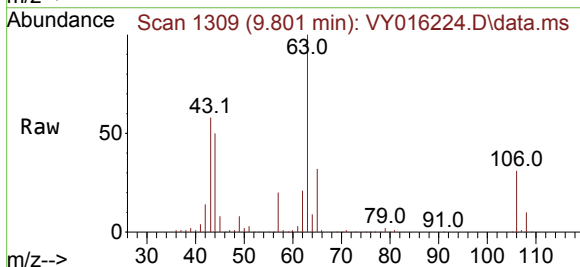
Instrument :
MSVOA_Y
ClientSampleId :

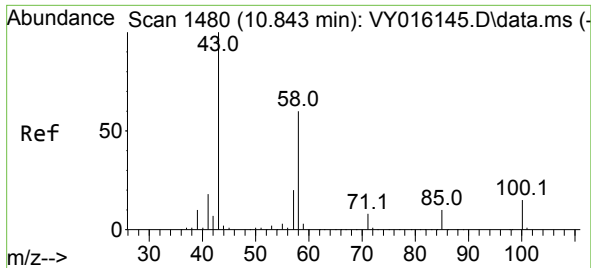
Tgt Ion: 76 Resp: 106228
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 264.208 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.012 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 63 Resp: 197394
Ion Ratio Lower Upper
63 100
106 29.9 21.2 31.8

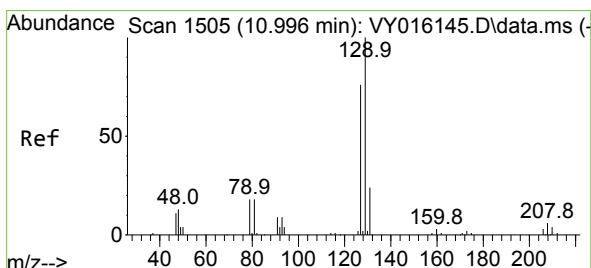
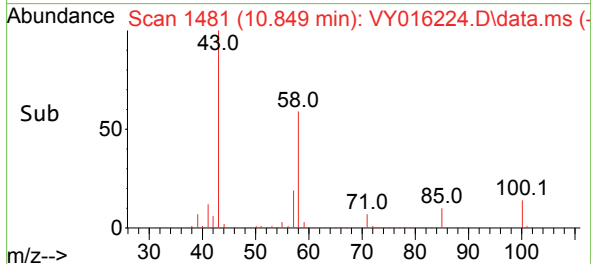
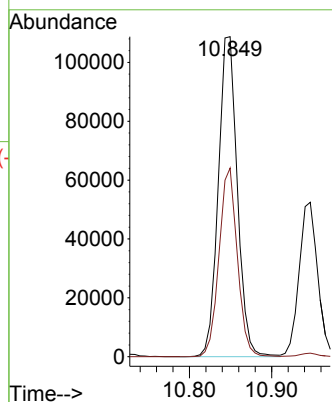
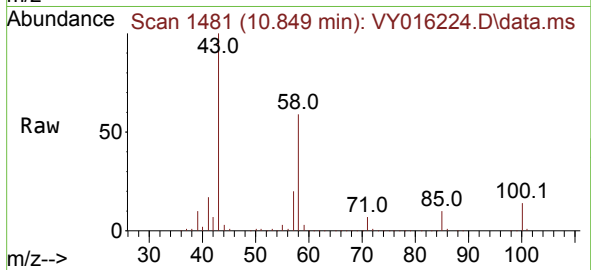




#59
2-Hexanone
Concen: 269.668 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

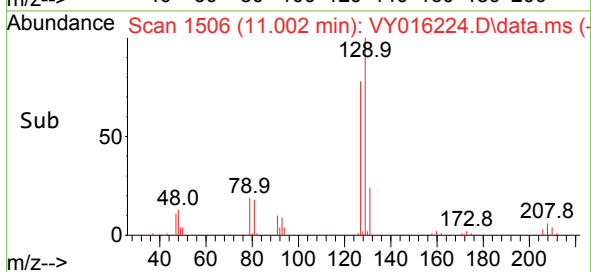
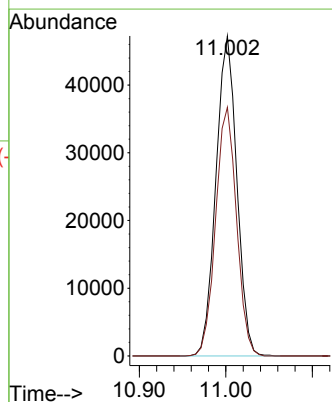
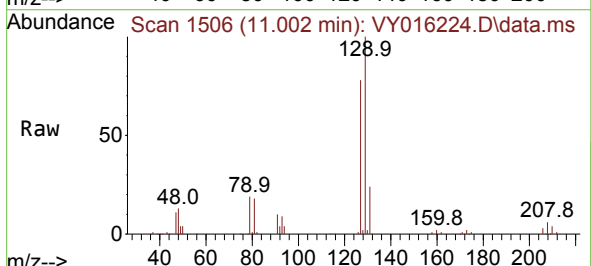
Instrument :
MSVOA_Y
ClientSampleId :

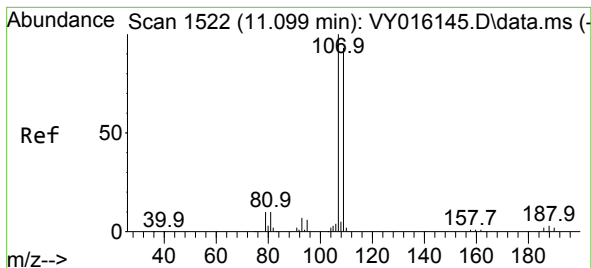
Tgt Ion: 43 Resp: 174882
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 53.226 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 129 Resp: 79220
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.245 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

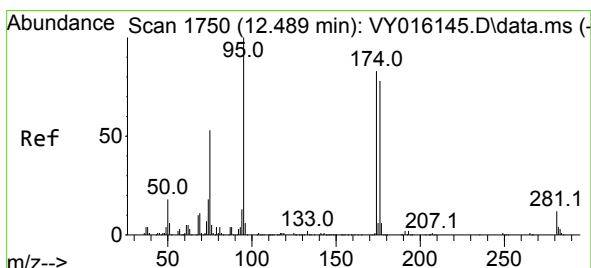
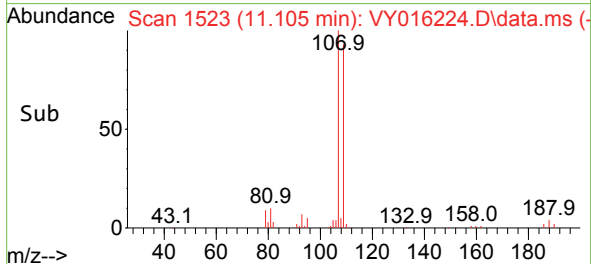
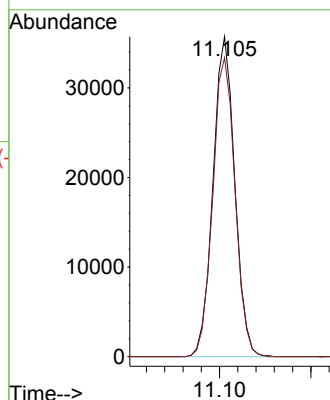
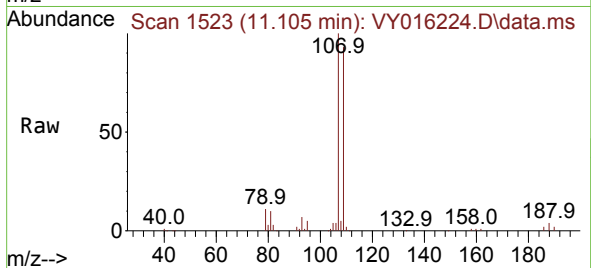
ClientSampleId :

Tgt Ion:107 Resp: 58956

Ion Ratio Lower Upper

107 100

109 95.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.284 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

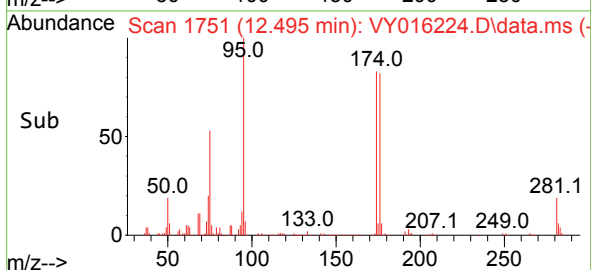
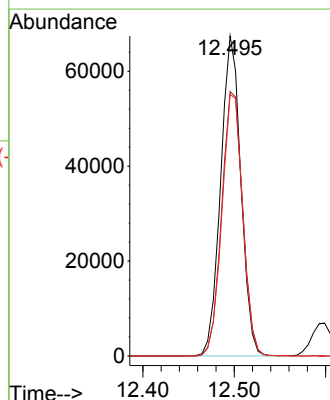
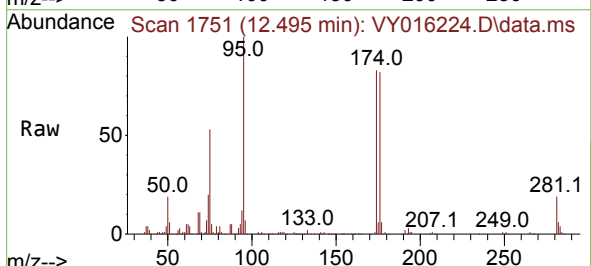
Tgt Ion: 95 Resp: 103656

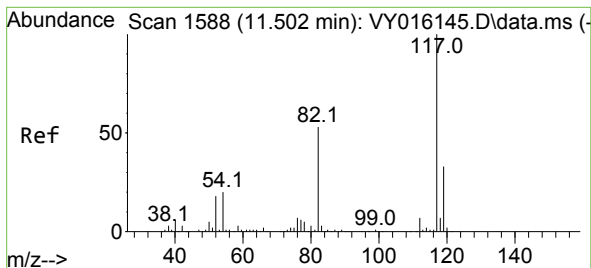
Ion Ratio Lower Upper

95 100

174 85.9 0.0 178.2

176 84.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

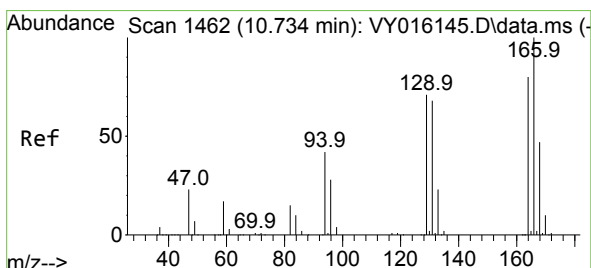
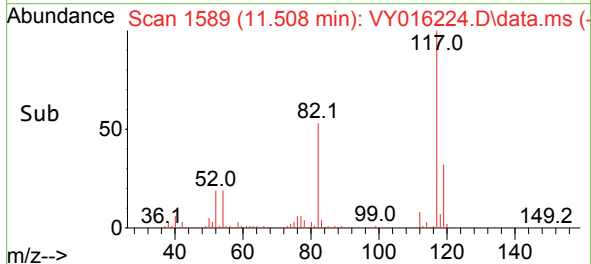
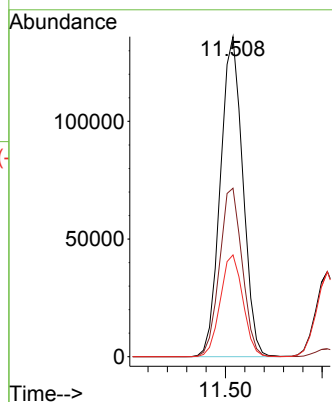
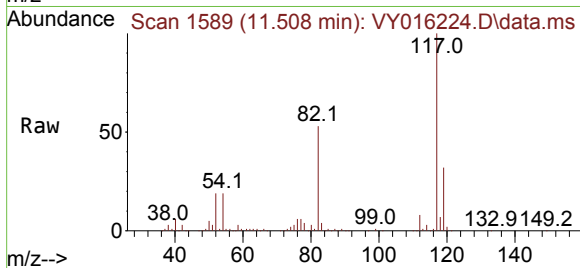
Tgt Ion:117 Resp: 218636

Ion Ratio Lower Upper

117 100

82 52.7 43.4 65.0

119 31.8 26.3 39.5



#64

Tetrachloroethene

Concen: 47.869 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Tgt Ion:164 Resp: 93093

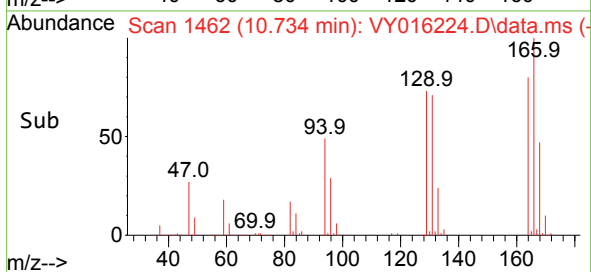
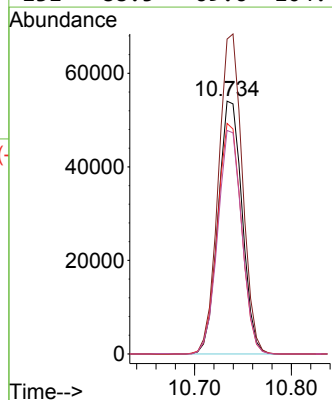
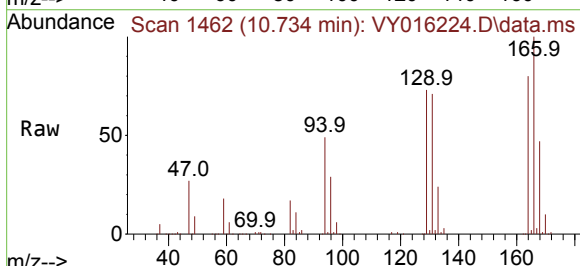
Ion Ratio Lower Upper

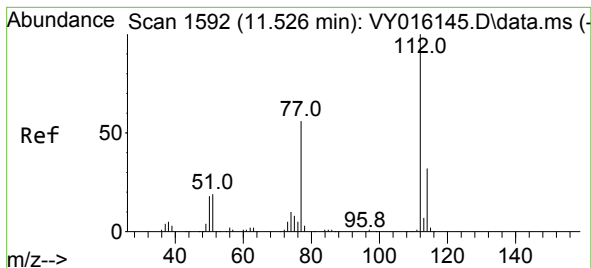
164 100

166 124.5 103.0 154.6

129 91.2 77.2 115.8

131 88.5 69.6 104.4





#65

Chlorobenzene

Concen: 51.117 ug/l

RT: 11.532 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

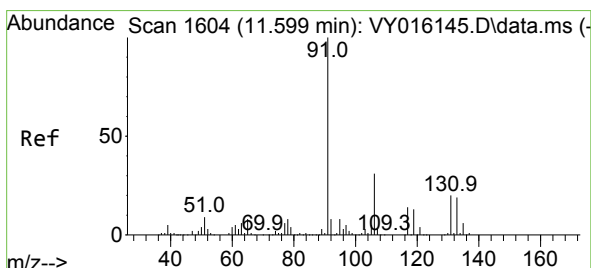
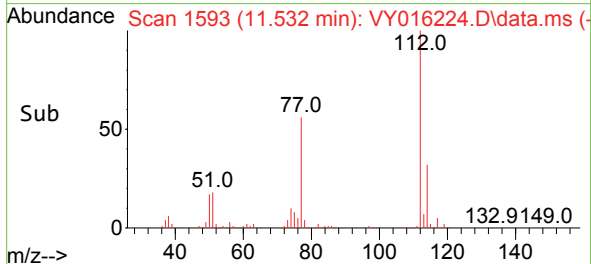
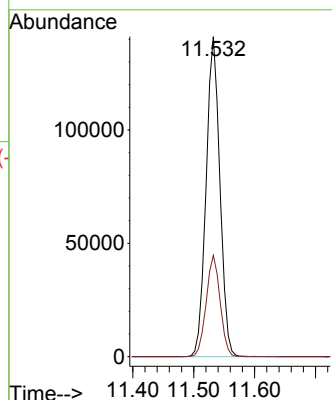
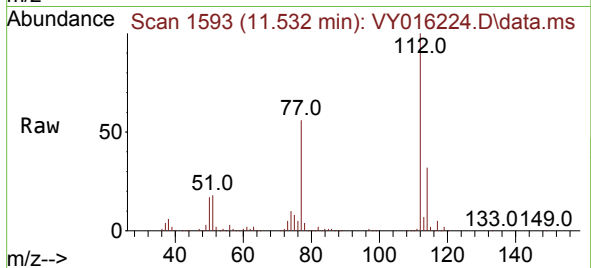
ClientSampleId :

Tgt Ion:112 Resp: 222042

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.394 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

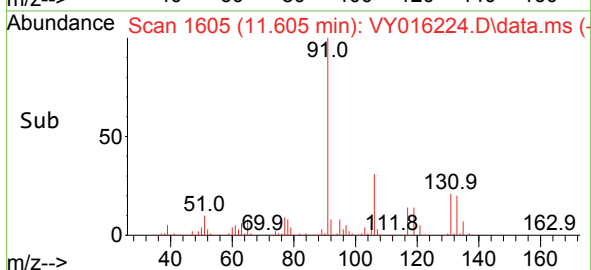
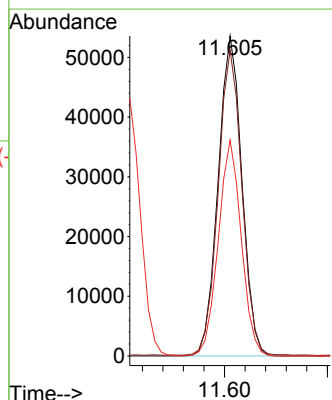
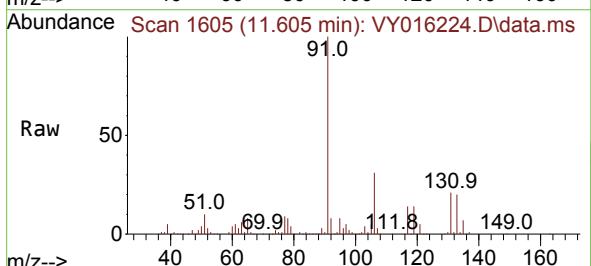
Tgt Ion:131 Resp: 85906

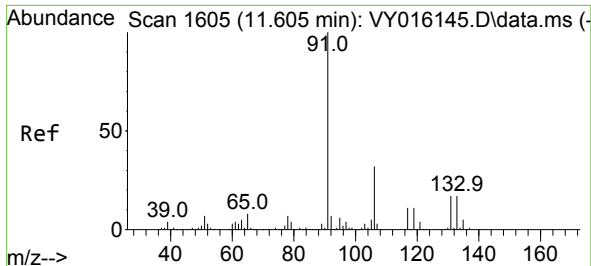
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

119 65.2 31.6 94.7

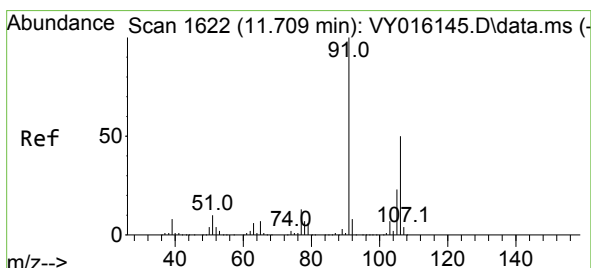
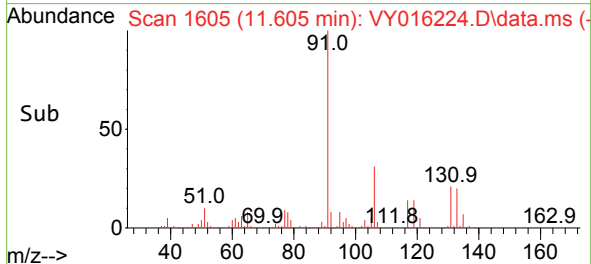
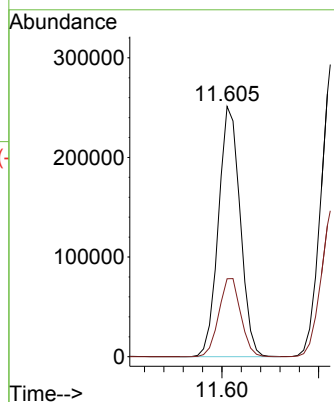
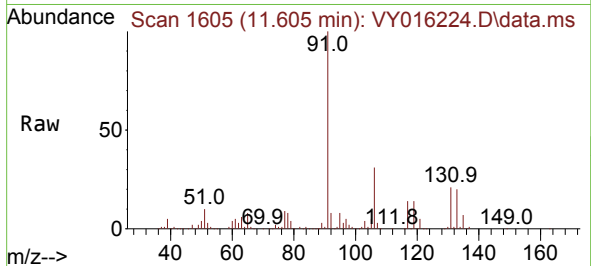




#67
Ethyl Benzene
Concen: 50.297 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

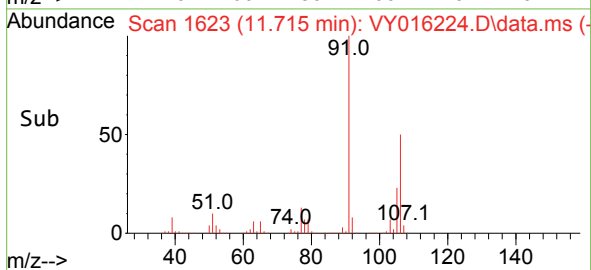
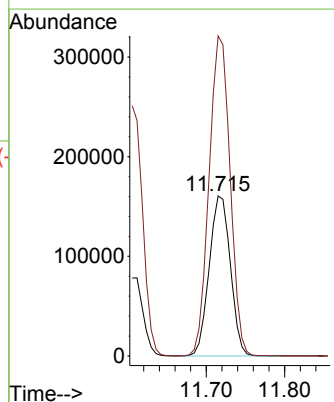
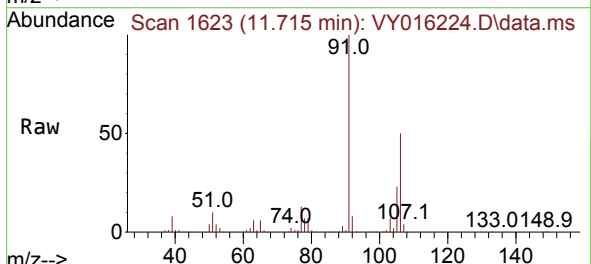
Instrument :
MSVOA_Y
ClientSampleId :

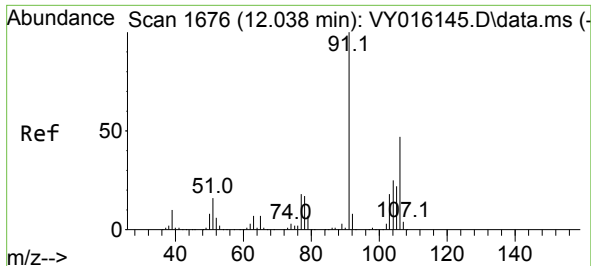
Tgt Ion: 91 Resp: 390774
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 100.274 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion:106 Resp: 301044
Ion Ratio Lower Upper
106 100
91 199.1 166.1 249.1





#69

o-Xylene

Concen: 50.835 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

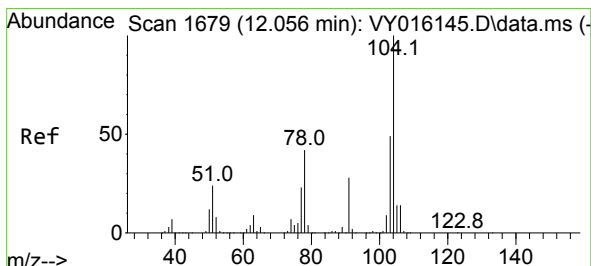
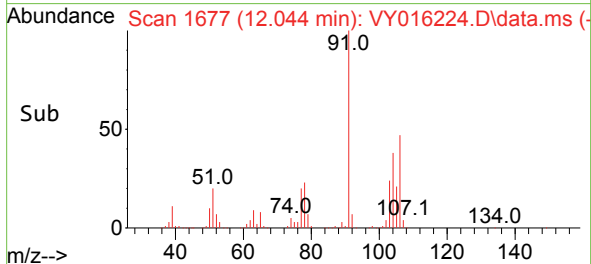
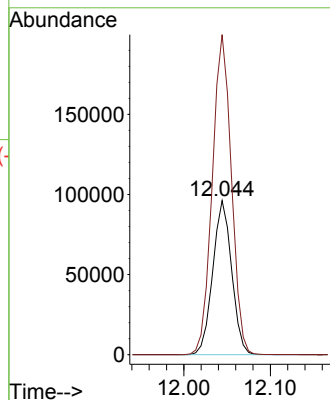
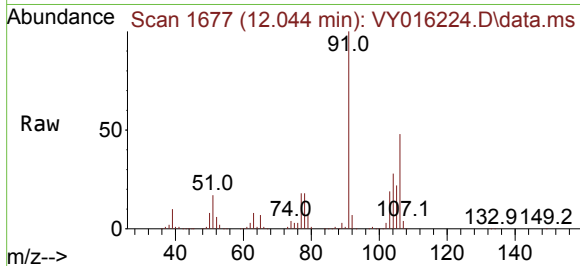
ClientSampleId :

Tgt Ion:106 Resp: 145716

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 51.586 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

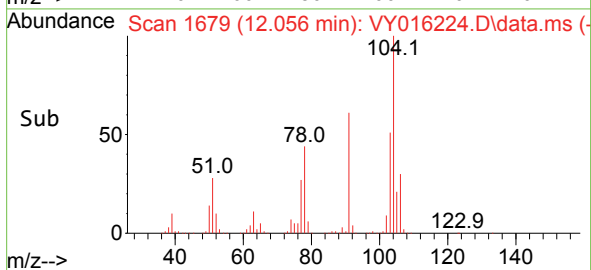
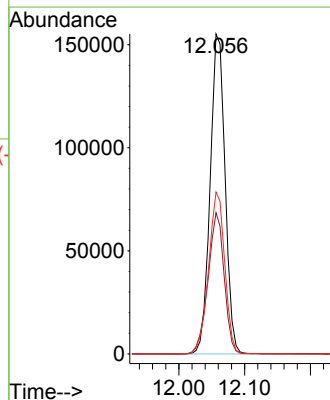
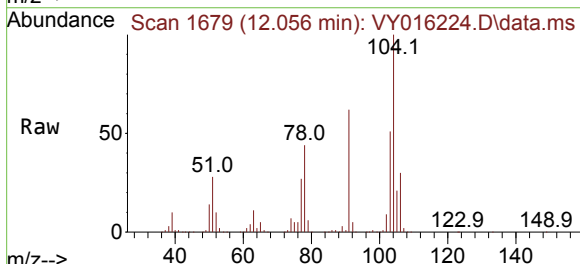
Tgt Ion:104 Resp: 245821

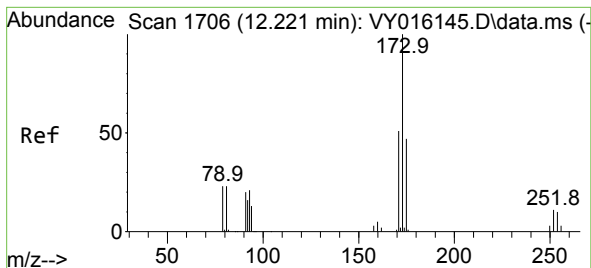
Ion Ratio Lower Upper

104 100

78 47.7 41.5 62.3

103 54.9 44.6 67.0





#71

Bromoform

Concen: 54.297 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

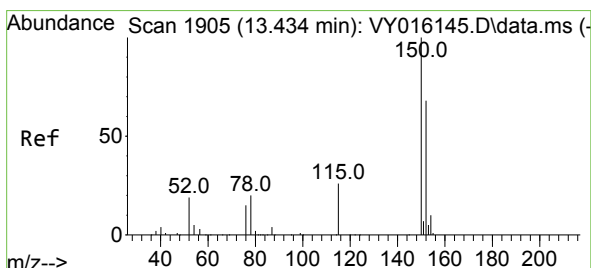
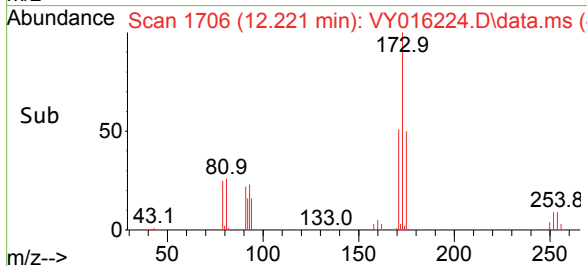
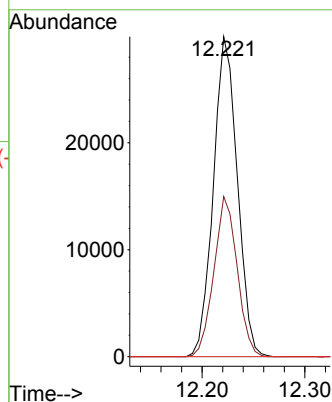
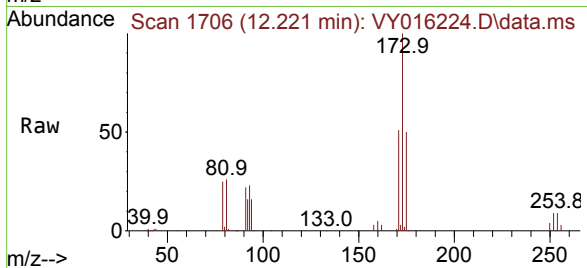
Tgt Ion:173 Resp: 48463

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

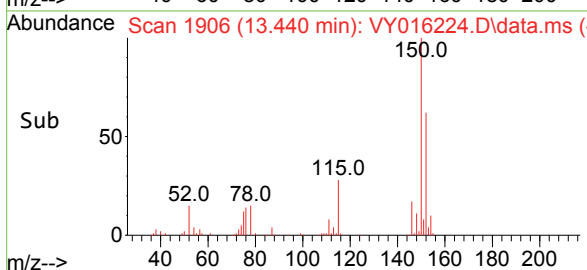
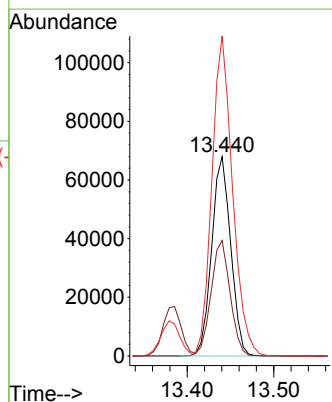
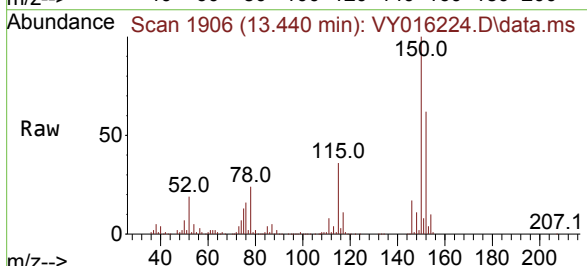
Tgt Ion:152 Resp: 103770

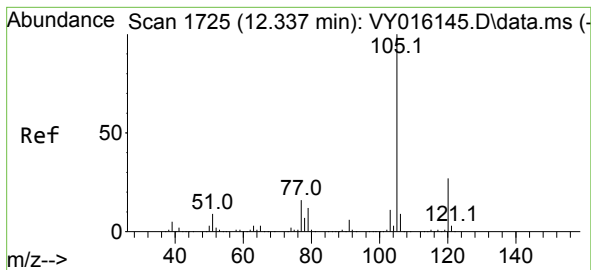
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 174.2 0.0 348.8





#73

Isopropylbenzene

Concen: 49.119 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

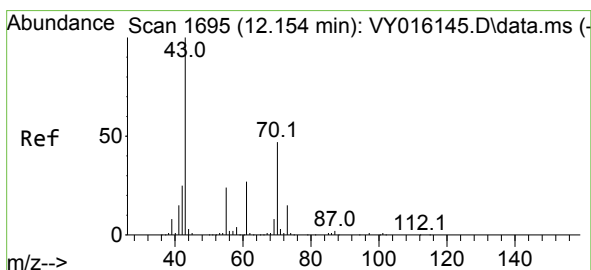
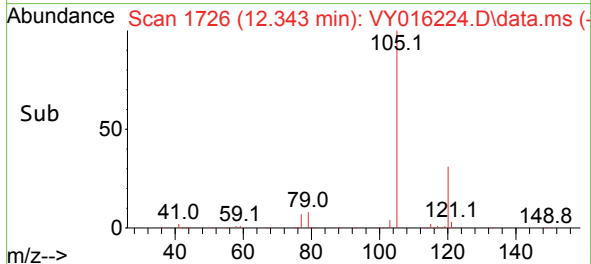
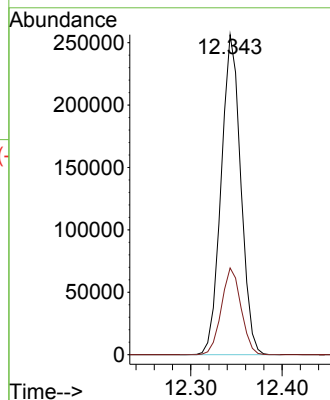
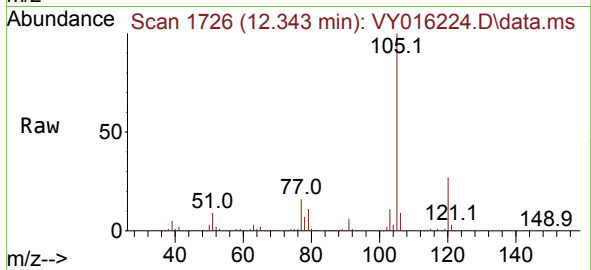
ClientSampleId :

Tgt Ion:105 Resp: 382345

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 52.010 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Tgt Ion: 43 Resp: 87976

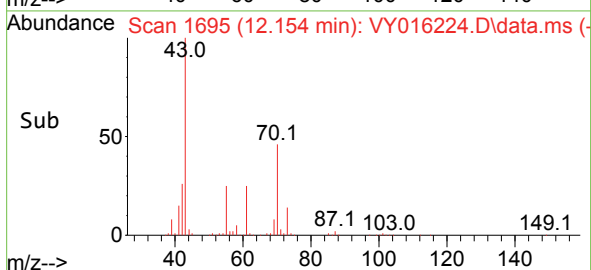
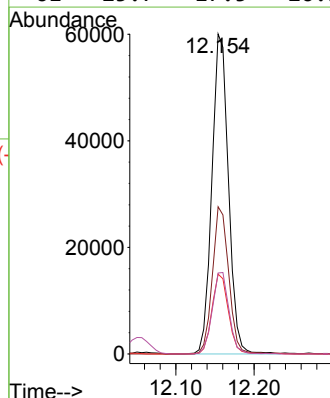
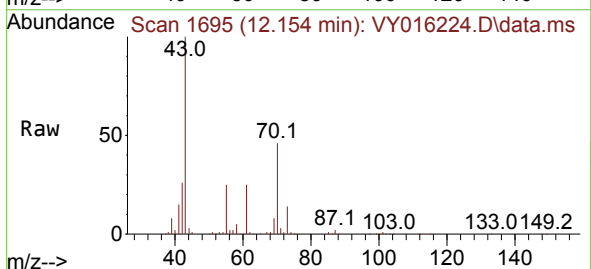
Ion Ratio Lower Upper

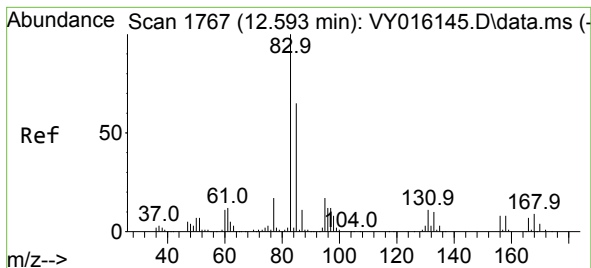
43 100

70 45.2 29.7 44.5#

55 25.0 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.680 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

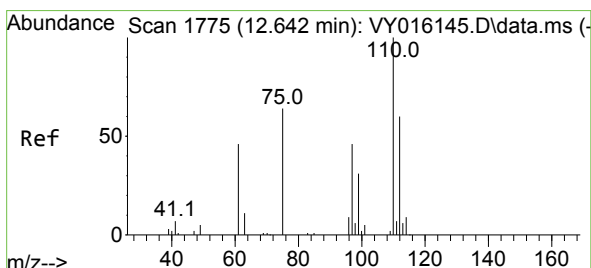
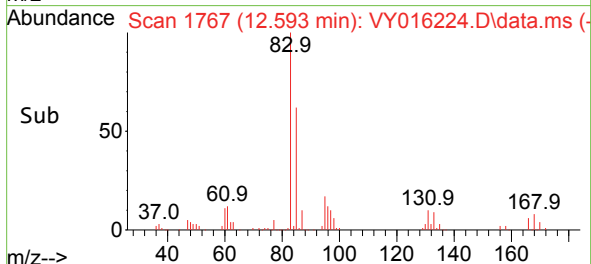
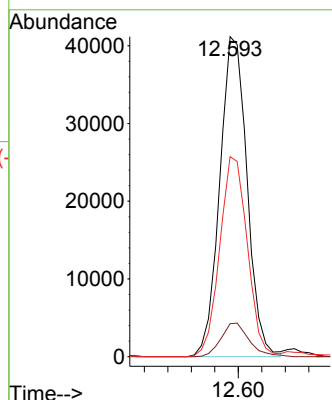
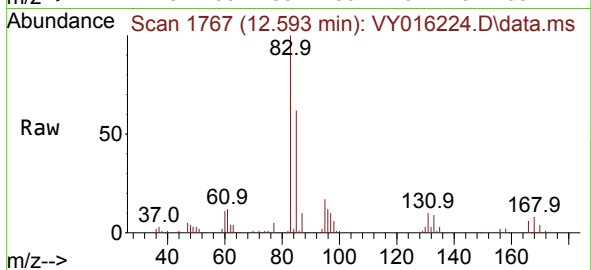
Tgt Ion: 83 Resp: 66490

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 63.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 90.444 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016224.D

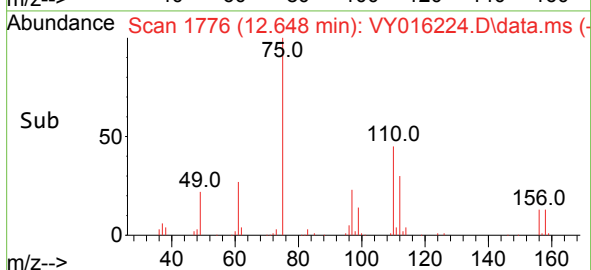
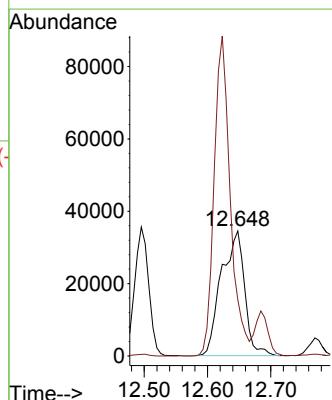
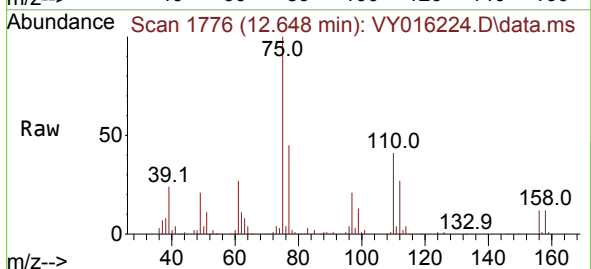
Acq: 03 Nov 2023 21:26

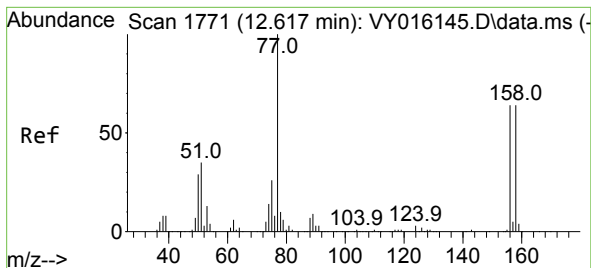
Tgt Ion: 75 Resp: 88383

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.606 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

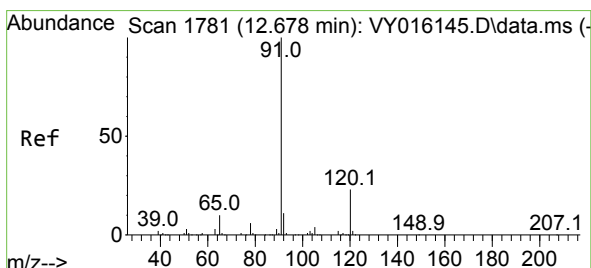
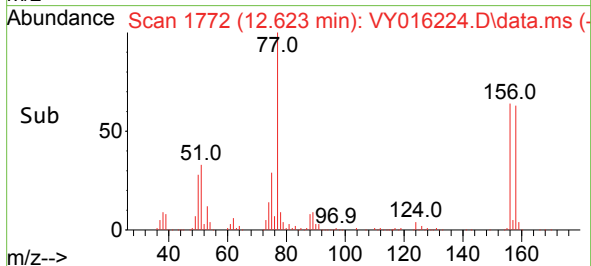
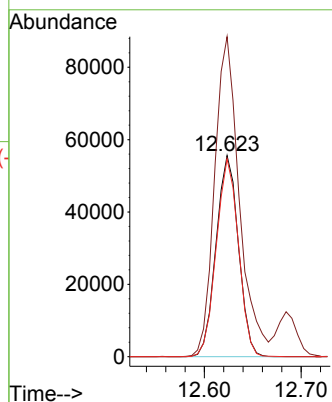
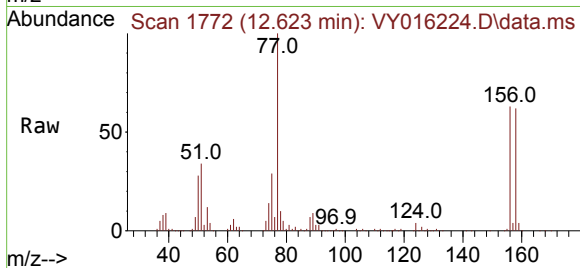
Tgt Ion:156 Resp: 89197

Ion Ratio Lower Upper

156 100

77 176.1 92.8 278.6

158 97.5 48.4 145.3



#78

n-propylbenzene

Concen: 49.012 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016224.D

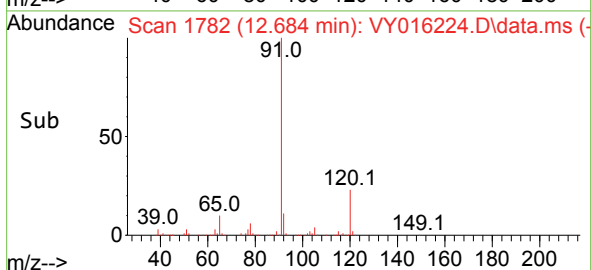
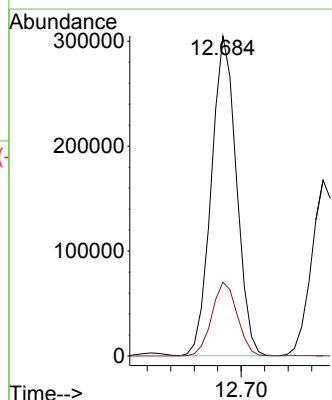
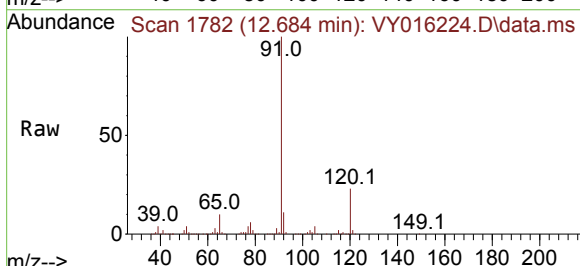
Acq: 03 Nov 2023 21:26

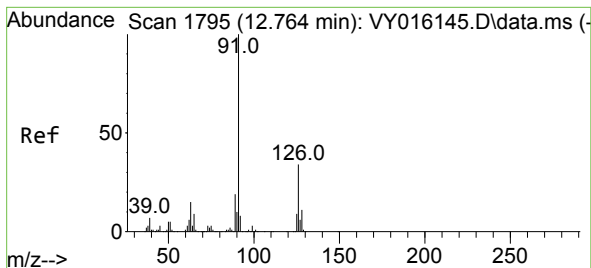
Tgt Ion: 91 Resp: 451050

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

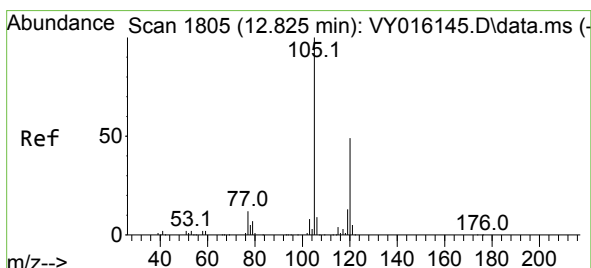
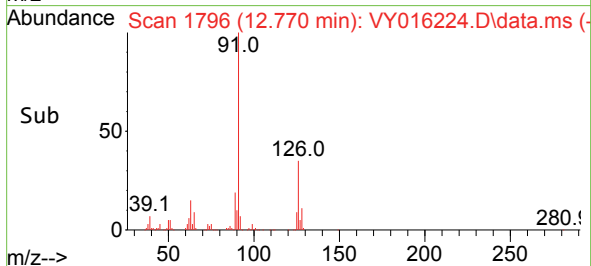
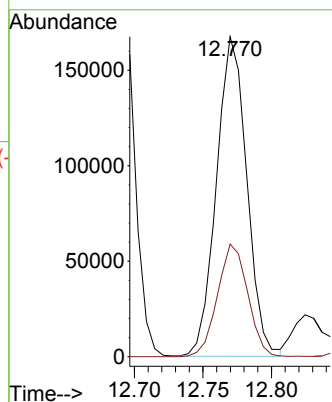
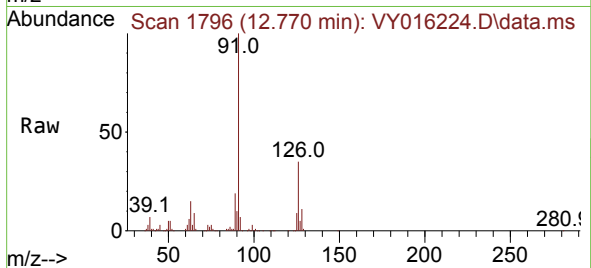




#79
2-Chlorotoluene
Concen: 50.301 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

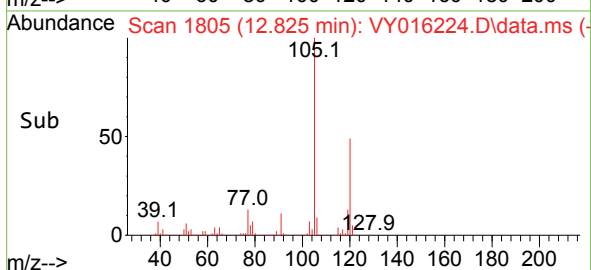
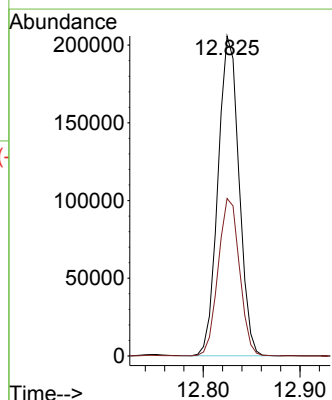
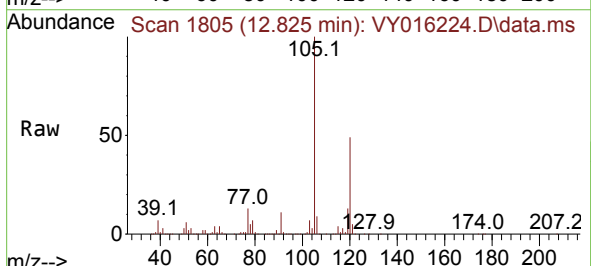
Instrument :
MSVOA_Y
ClientSampleId :

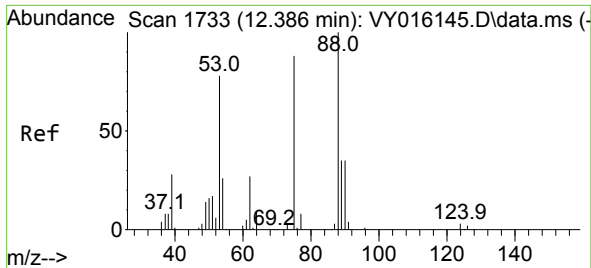
Tgt Ion: 91 Resp: 258186
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.051 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion: 105 Resp: 309335
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

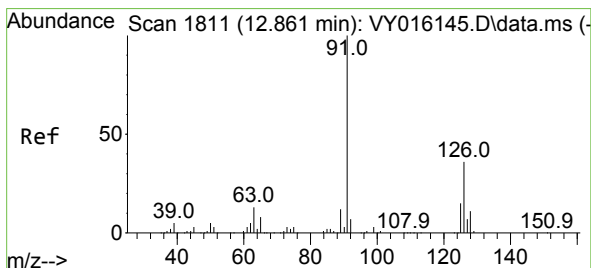
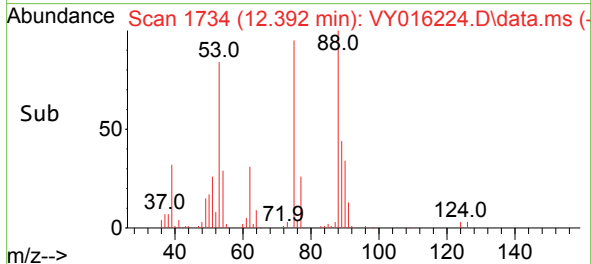
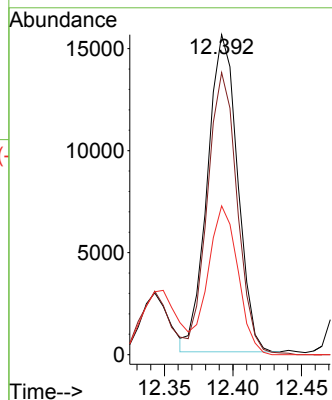
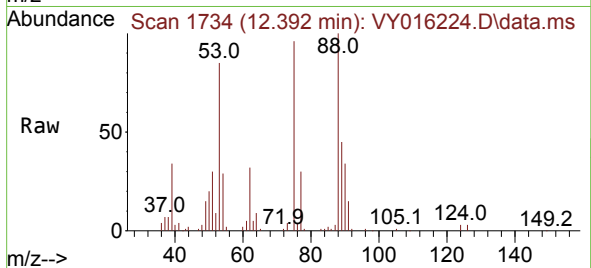




#81
trans-1,4-Dichloro-2-butene
Concen: 52.858 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

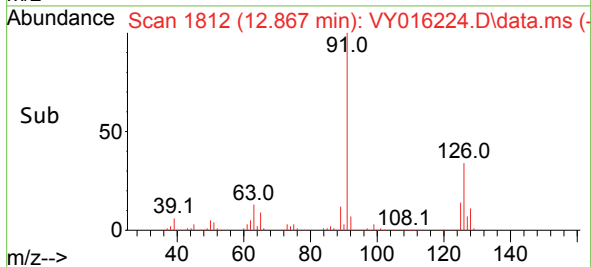
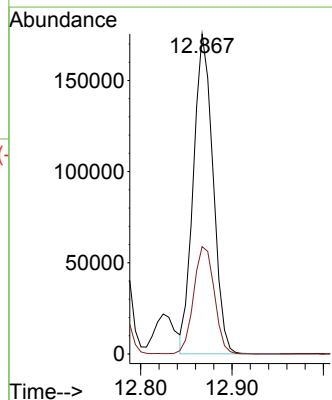
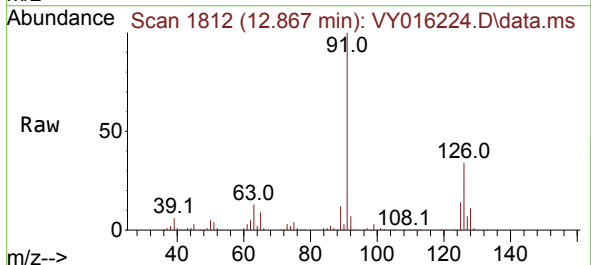
Instrument :
MSVOA_Y
ClientSampleId :

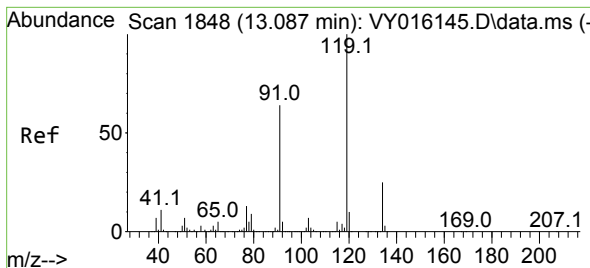
Tgt Ion: 75 Resp: 23823
Ion Ratio Lower Upper
75 100
53 87.6 77.8 116.8
89 46.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.630 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

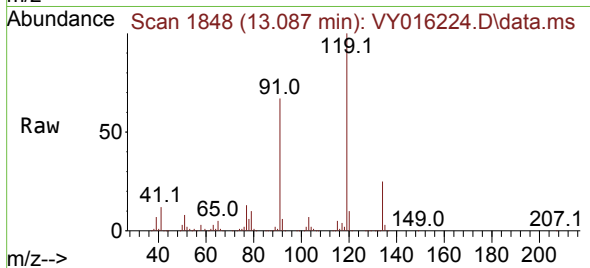
Tgt Ion: 91 Resp: 261585
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6



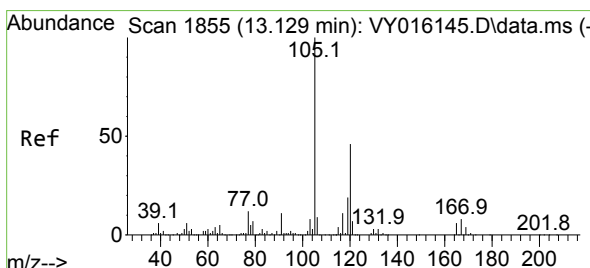
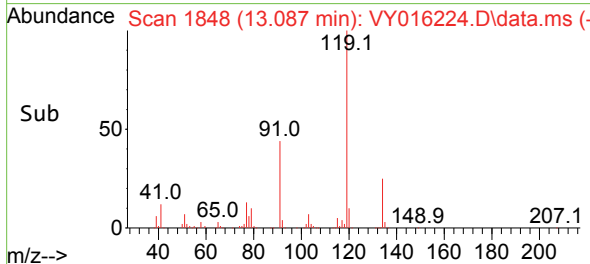
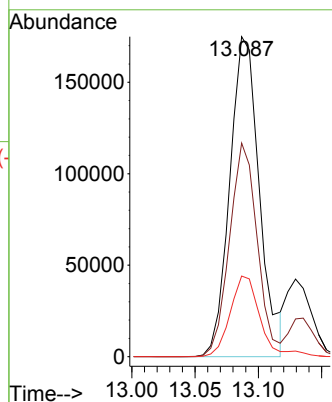


#83
tert-Butylbenzene
Concen: 50.499 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Instrument :
MSVOA_Y
ClientSampleId :

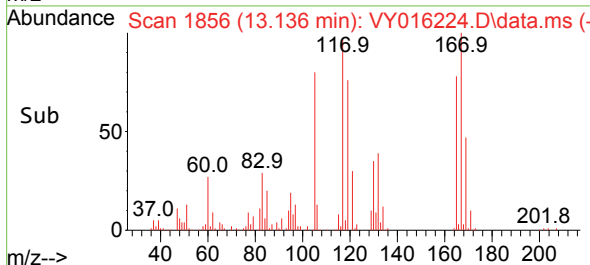
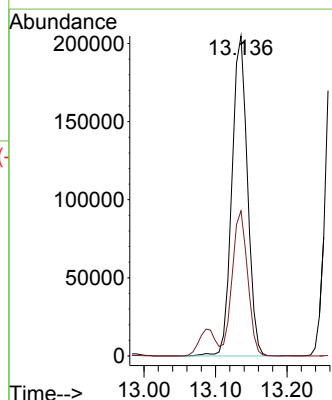
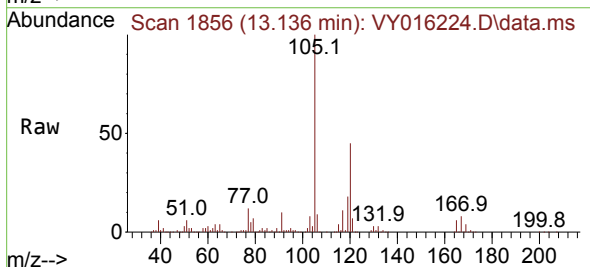


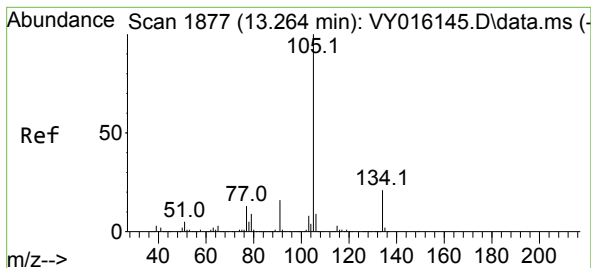
Tgt Ion:119 Resp: 284950
Ion Ratio Lower Upper
119 100
91 62.8 32.9 98.6
134 25.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 49.489 ug/l
RT: 13.136 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016224.D
Acq: 03 Nov 2023 21:26

Tgt Ion:105 Resp: 308819
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.719 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

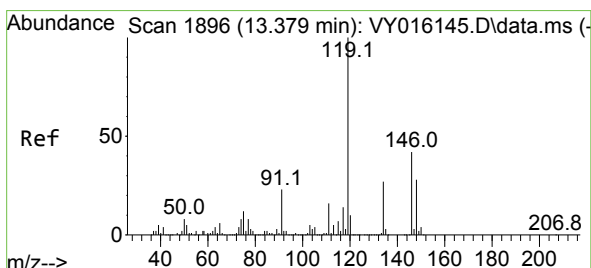
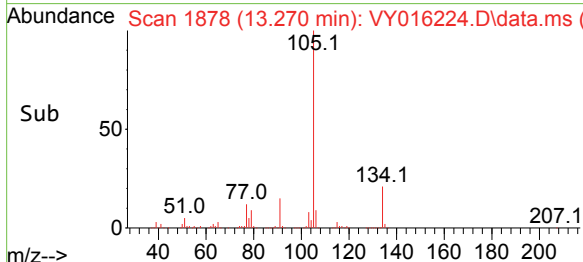
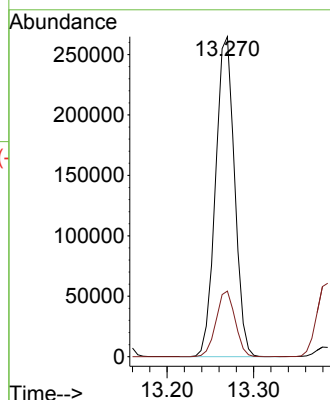
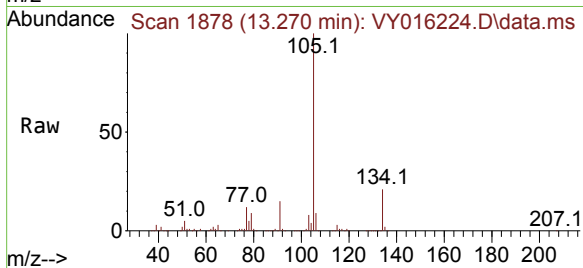
ClientSampleId :

Tgt Ion:105 Resp: 403489

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.792 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

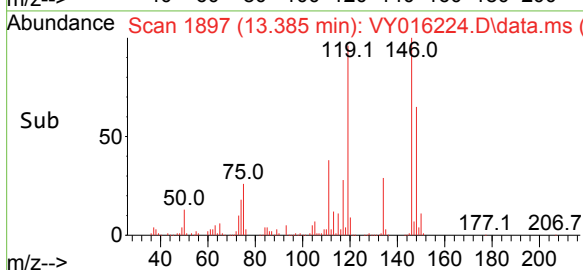
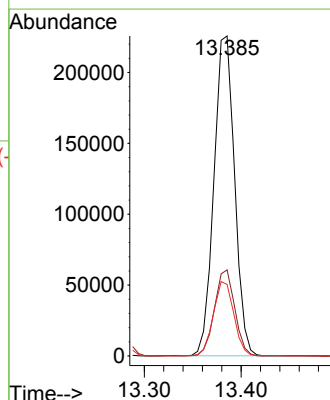
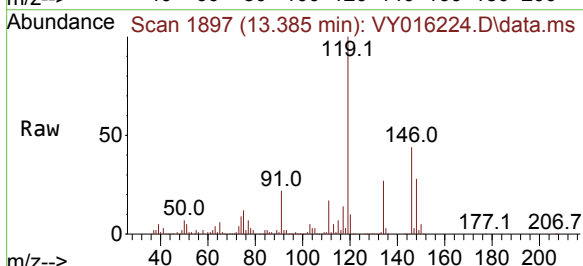
Tgt Ion:119 Resp: 334908

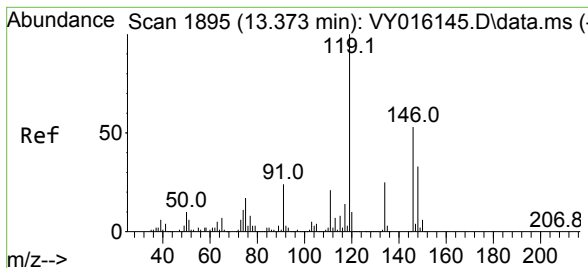
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.447 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

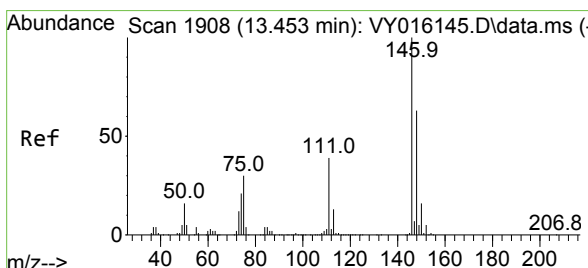
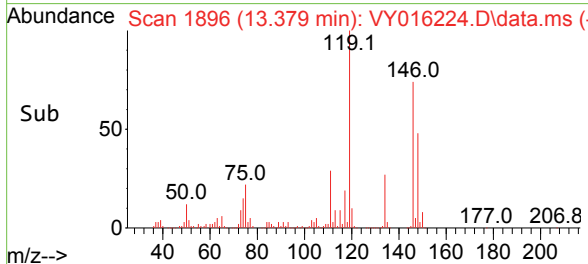
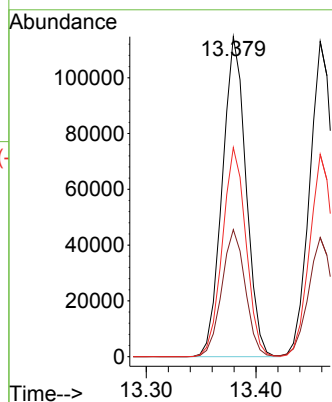
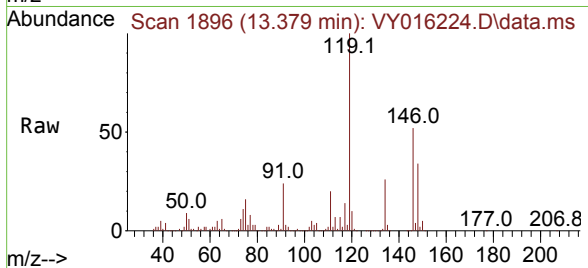
Tgt Ion:146 Resp: 172365

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 64.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.717 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

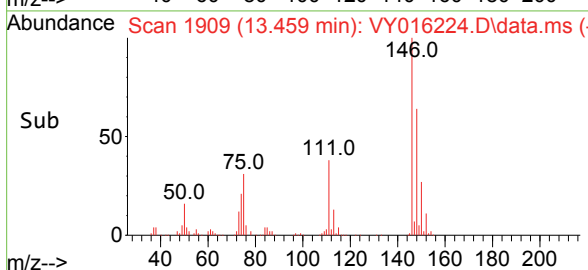
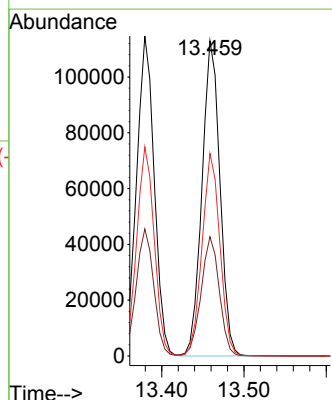
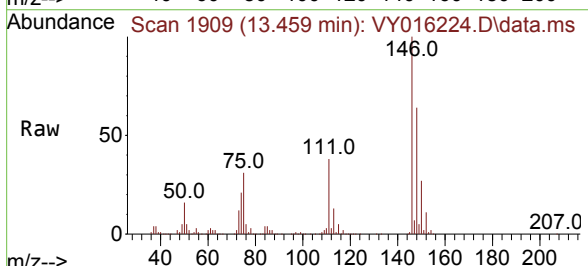
Tgt Ion:146 Resp: 171290

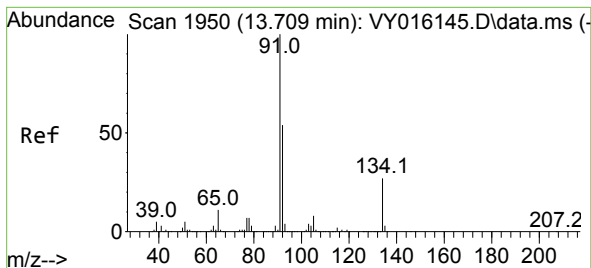
Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.7

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 47.404 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

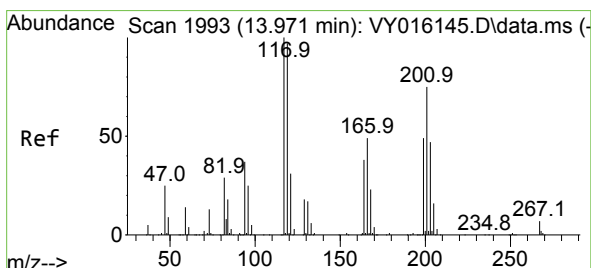
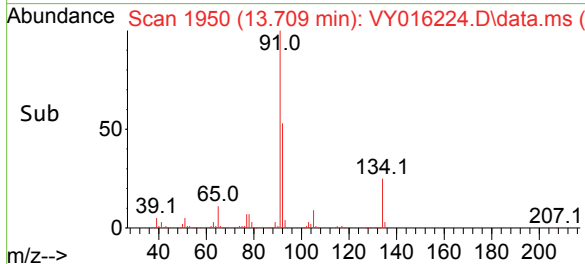
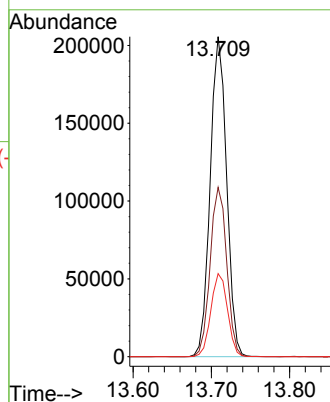
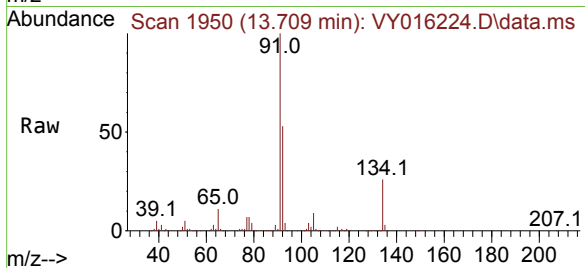
Tgt Ion: 91 Resp: 298973

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 53.858 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016224.D

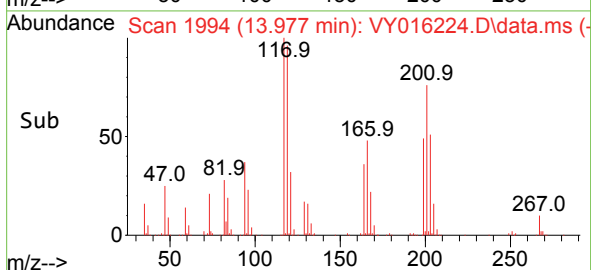
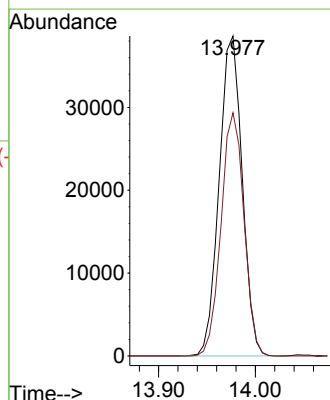
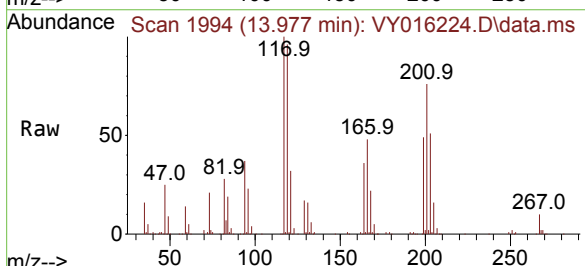
Acq: 03 Nov 2023 21:26

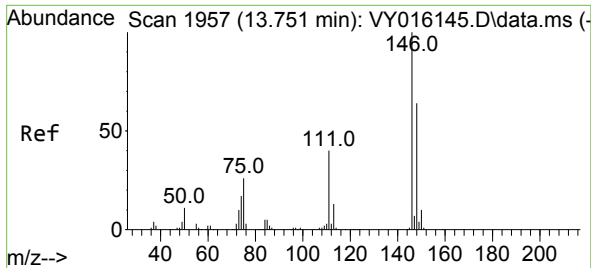
Tgt Ion: 117 Resp: 63707

Ion Ratio Lower Upper

117 100

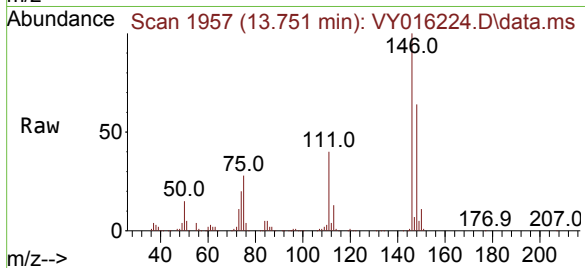
201 75.7 41.6 124.8



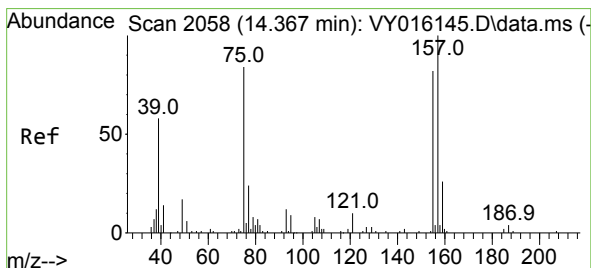
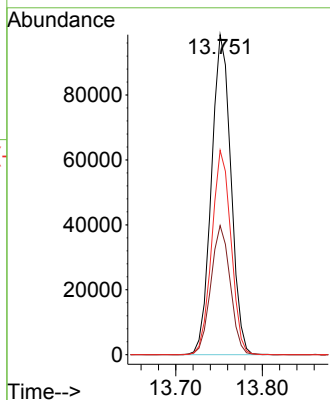
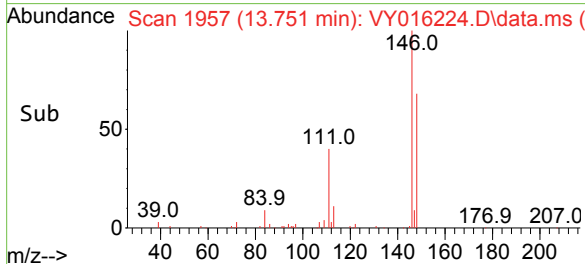


#91
 1,2-Dichlorobenzene
 Concen: 51.192 ug/l
 RT: 13.751 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26

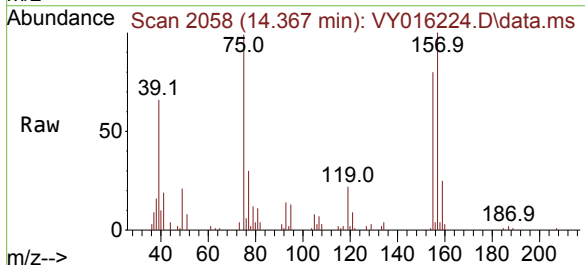
Instrument :
 MSVOA_Y
 ClientSampleId :



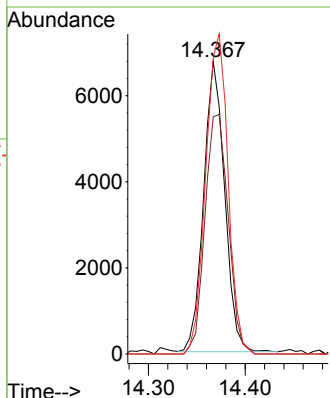
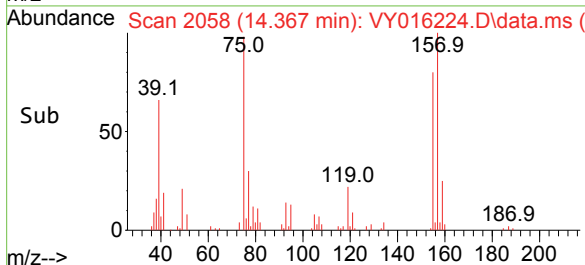
Tgt Ion:146 Resp: 154181
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.7 59.0
 148 63.1 32.0 96.2

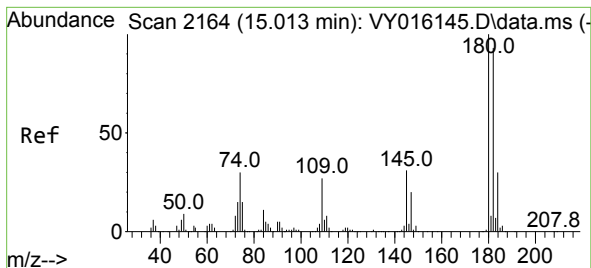


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.978 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VY016224.D
 Acq: 03 Nov 2023 21:26



Tgt Ion: 75 Resp: 10192
 Ion Ratio Lower Upper
 75 100
 155 91.3 41.5 124.6
 157 117.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.027 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

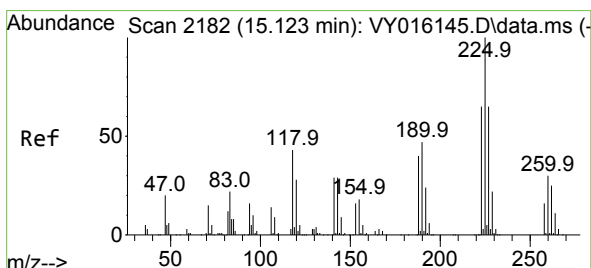
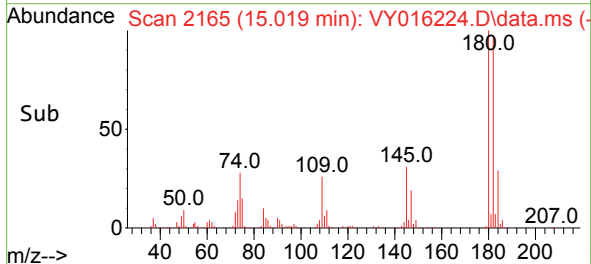
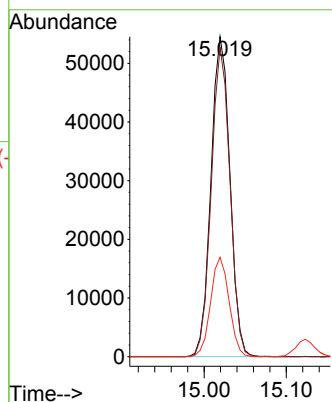
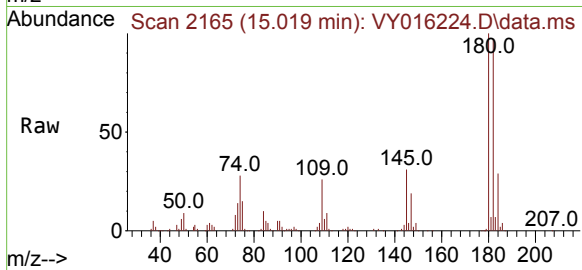
Tgt Ion:180 Resp: 87420

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.094 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

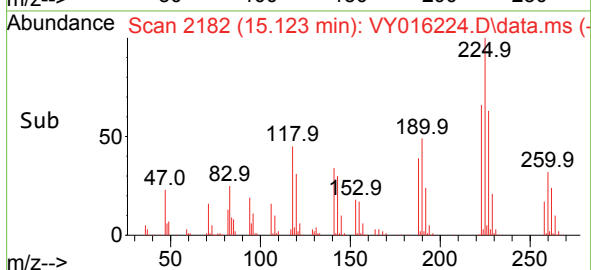
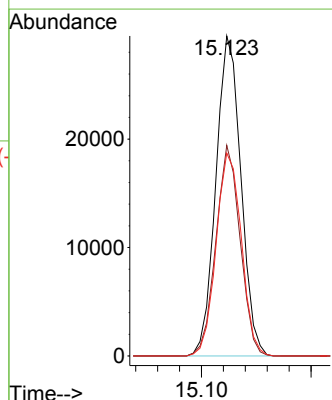
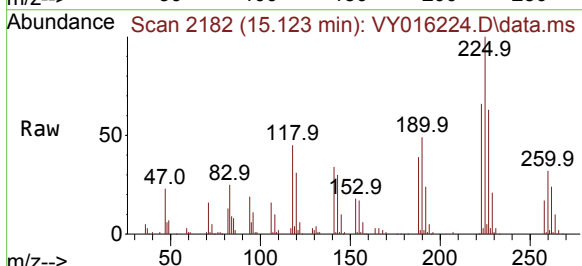
Tgt Ion:225 Resp: 46823

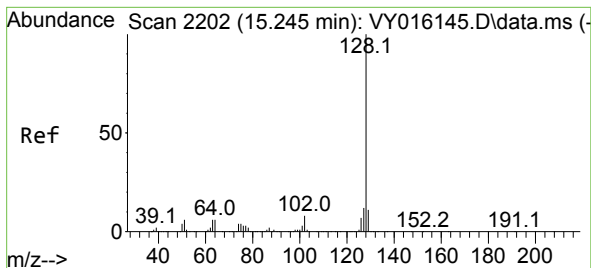
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 46.968 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016224.D

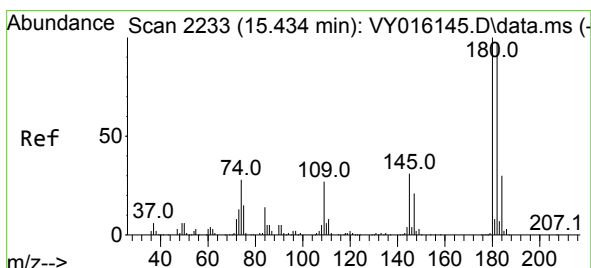
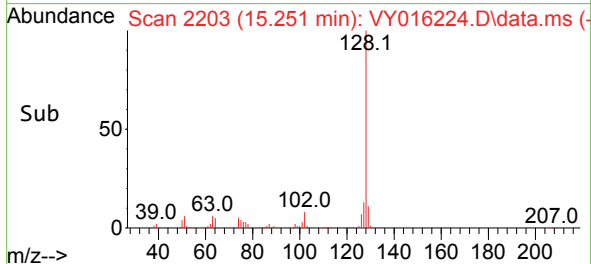
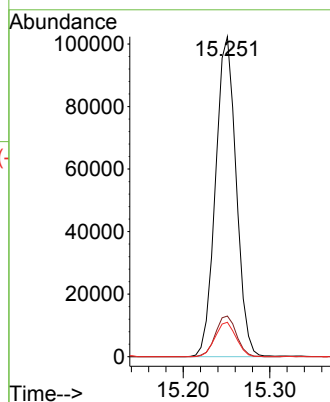
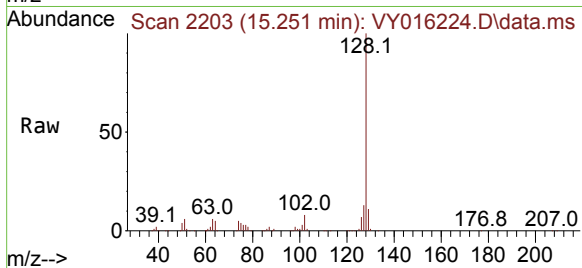
Acq: 03 Nov 2023 21:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 169618
Ion Ratio	Lower Upper
128	100
127	13.0 10.8 16.2
129	11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.793 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016224.D

Acq: 03 Nov 2023 21:26

Tgt Ion:180	Resp: 74307
Ion Ratio	Lower Upper
180	100
182	95.5 47.3 141.8
145	32.6 15.4 46.2

