

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016834.D
 Acq On : 23 Dec 2023 02:48
 Operator : SY/MD
 Sample : VY1222SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 03:55:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	132525	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	239027	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	205687	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	86809	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	74015	61.179	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.360%	
35) Dibromofluoromethane	7.753	113	78068	57.017	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.040%	
50) Toluene-d8	10.203	98	282368	57.208	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.420%	
62) 4-Bromofluorobenzene	12.502	95	89269	55.747	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	22320	19.708	ug/l	96
3) Chloromethane	2.132	50	35191	20.215	ug/l	97
4) Vinyl Chloride	2.272	62	38686	19.674	ug/l	98
5) Bromomethane	2.674	94	29084	20.767	ug/l	98
6) Chloroethane	2.820	64	27703	20.792	ug/l	98
7) Trichlorofluoromethane	3.156	101	44794	19.555	ug/l	97
8) Diethyl Ether	3.558	74	15564	21.240	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.936	101	28235	20.094	ug/l	98
10) Methyl Iodide	4.125	142	28502	19.465	ug/l	97
11) Tert butyl alcohol	4.997	59	13008	131.137	ug/l #	87
12) 1,1-Dichloroethene	3.906	96	25431	20.327	ug/l	95
13) Acrolein	3.759	56	10088	131.810	ug/l	98
14) Allyl chloride	4.521	41	41822	21.825	ug/l	98
15) Acrylonitrile	5.204	53	35589	114.686	ug/l	97
16) Acetone	3.979	43	34947	106.823	ug/l	100
17) Carbon Disulfide	4.235	76	62576	18.382	ug/l	100
18) Methyl Acetate	4.509	43	26595	20.802	ug/l	100
19) Methyl tert-butyl Ether	5.259	73	70384	21.864	ug/l	99
20) Methylene Chloride	4.759	84	39711	21.706	ug/l	97
21) trans-1,2-Dichloroethene	5.265	96	30272	21.215	ug/l	94
22) Diisopropyl ether	6.161	45	100932	23.281	ug/l	98
23) Vinyl Acetate	6.100	43	229649	112.000	ug/l	98
24) 1,1-Dichloroethane	6.058	63	59797	22.961	ug/l	99
25) 2-Butanone	7.021	43	47988	106.540	ug/l	99
26) 2,2-Dichloropropane	7.021	77	46719	20.557	ug/l	100
27) cis-1,2-Dichloroethene	7.021	96	36703	22.350	ug/l	98
28) Bromochloromethane	7.368	49	24309	23.583	ug/l	98
29) Tetrahydrofuran	7.381	42	27072	109.919	ug/l	97
30) Chloroform	7.539	83	61147	22.936	ug/l	99
31) Cyclohexane	7.820	56	42900	18.508	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	50230	21.464	ug/l	99
36) 1,1-Dichloropropene	7.954	75	41377	18.850	ug/l	99
37) Ethyl Acetate	7.112	43	20430	21.714	ug/l	97
38) Carbon Tetrachloride	7.929	117	41695	19.196	ug/l	94
39) Methylcyclohexane	9.210	83	42890	16.924	ug/l	99
40) Benzene	8.191	78	133285	20.866	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	8640	17.296	ug/l #	75
42) 1,2-Dichloroethane	8.265	62	35630	21.380	ug/l	99
43) Isopropyl Acetate	8.301	43	37656	20.607	ug/l	99
44) Trichloroethene	8.972	130	32636	20.018	ug/l	97
45) 1,2-Dichloropropane	9.240	63	34437	21.492	ug/l	97
46) Dibromomethane	9.331	93	16950	20.477	ug/l	100
47) Bromodichloromethane	9.520	83	46370	21.254	ug/l	96
48) Methyl methacrylate	9.319	41	19796	19.492	ug/l	96
49) 1,4-Dioxane	9.325	88	3138	390.579	ug/l	98
51) 4-Methyl-2-Pentanone	10.094	43	96927	99.553	ug/l	100
52) Toluene	10.270	92	81041	21.171	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	40683	20.450	ug/l	96
54) cis-1,3-Dichloropropene	9.953	75	49198	20.502	ug/l	94
55) 1,1,2-Trichloroethane	10.667	97	25125	21.274	ug/l	95
56) Ethyl methacrylate	10.532	69	20399	19.642	ug/l	99
57) 1,3-Dichloropropane	10.813	76	43040	21.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	61011	109.207	ug/l	99
59) 2-Hexanone	10.856	43	66835	92.060	ug/l	99
60) Dibromochloromethane	11.008	129	28910	21.161	ug/l	98
61) 1,2-Dibromoethane	11.112	107	21289	20.100	ug/l	100
64) Tetrachloroethene	10.746	164	25839	20.223	ug/l	95
65) Chlorobenzene	11.538	112	84299	20.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.612	131	31488	20.709	ug/l	99
67) Ethyl Benzene	11.618	91	150839	20.279	ug/l	98
68) m/p-Xylenes	11.721	106	112030	40.787	ug/l	100
69) o-Xylene	12.051	106	51234	20.332	ug/l	97
70) Styrene	12.069	104	76199	20.436	ug/l	99
71) Bromoform	12.233	173	14687	19.375	ug/l #	96
73) Isopropylbenzene	12.349	105	138401	20.471	ug/l	100
74) N-amyl acetate	12.166	43	27836	19.619	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	28245	20.906	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	32984	34.372	ug/l #	100
77) Bromobenzene	12.630	156	31548	21.390	ug/l	96
78) n-propylbenzene	12.691	91	169607	20.706	ug/l	99
79) 2-Chlorotoluene	12.776	91	96398	21.268	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	113816	21.267	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	7280	17.816	ug/l	97
82) 4-Chlorotoluene	12.874	91	98876	21.264	ug/l	100
83) tert-Butylbenzene	13.093	119	95880	20.597	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	111672	21.161	ug/l	99
85) sec-Butylbenzene	13.276	105	140502	20.377	ug/l	99
86) p-Isopropyltoluene	13.392	119	117550	20.471	ug/l	100
87) 1,3-Dichlorobenzene	13.386	146	59483	20.637	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	58932	20.938	ug/l	98
89) n-Butylbenzene	13.715	91	109970	20.034	ug/l	99
90) Hexachloroethane	13.983	117	24884	20.812	ug/l	100
91) 1,2-Dichlorobenzene	13.758	146	52207	21.261	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3245	18.529	ug/l	96
93) 1,2,4-Trichlorobenzene	15.026	180	24888	19.101	ug/l	99
94) Hexachlorobutadiene	15.129	225	14668	19.820	ug/l	98
95) Naphthalene	15.257	128	44827	18.427	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	21177	19.084	ug/l	96

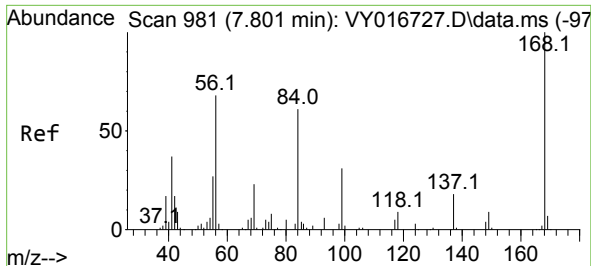
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ALS Vial : 38 Sample Multiplier: 1

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Response via : Initial Calibration

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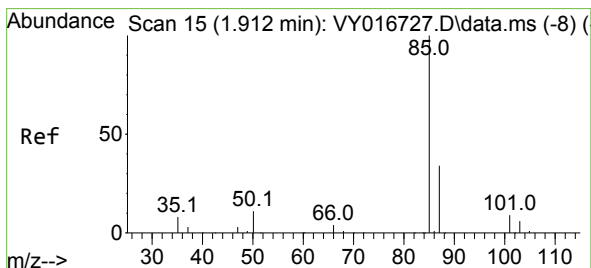
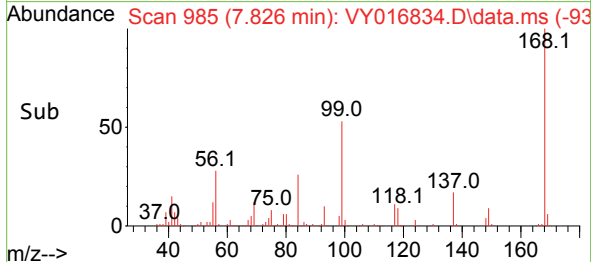
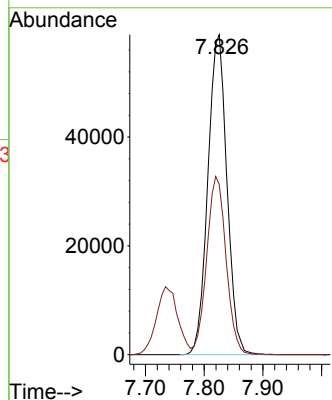
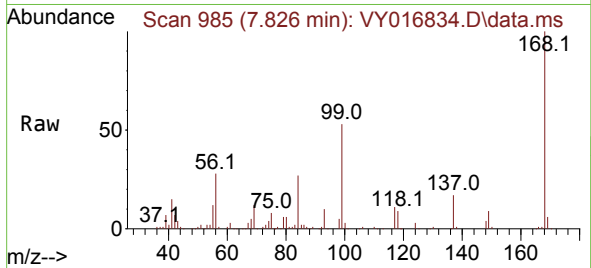
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016834.D
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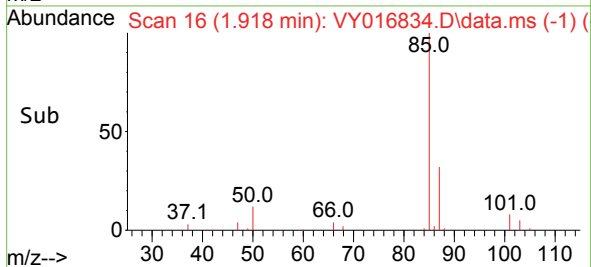
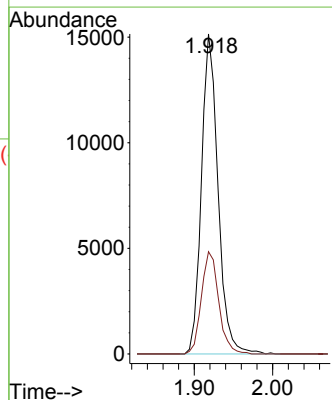
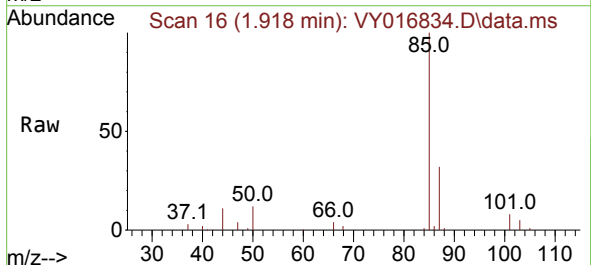
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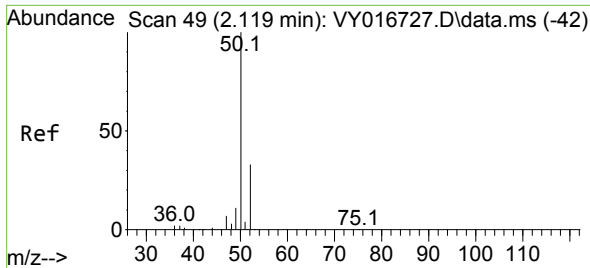
Tgt Ion:168 Resp: 132525
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.708 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 85 Resp: 22320
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3

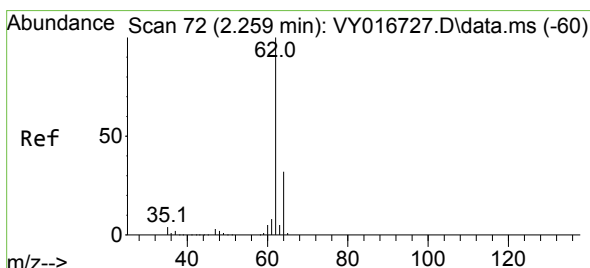
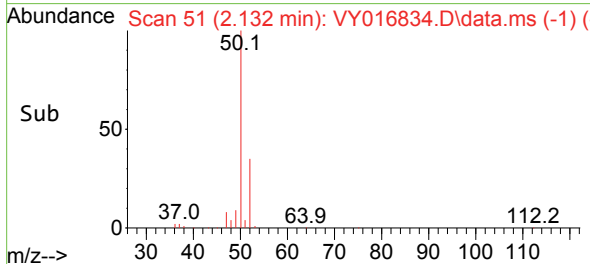
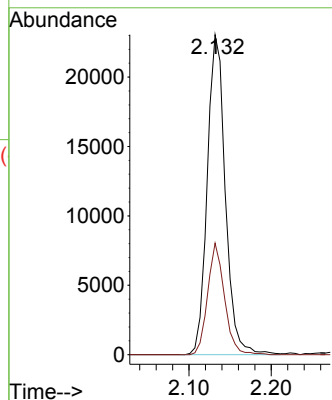
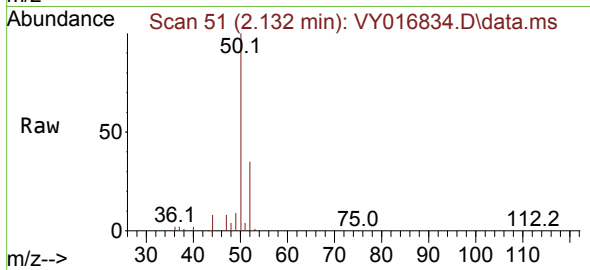




#3
Chloromethane
Concen: 20.215 ug/l
RT: 2.132 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

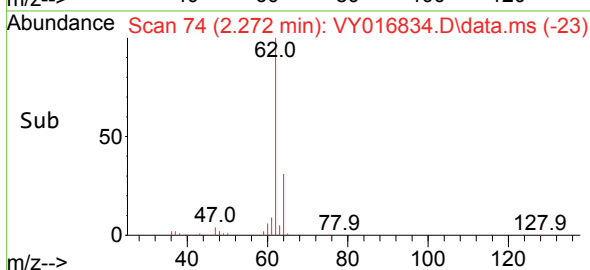
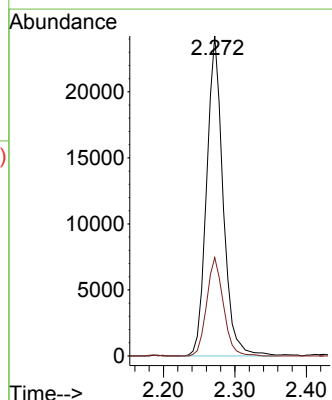
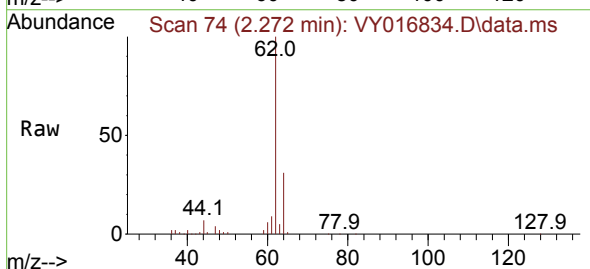
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ClientSampleId :

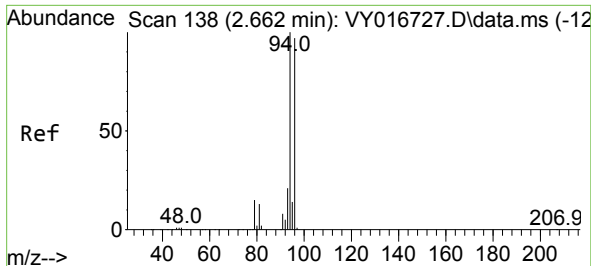
Tgt Ion: 50 Resp: 35191
Ion Ratio Lower Upper
50 100
52 34.8 26.7 40.1



#4
Vinyl Chloride
Concen: 19.674 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 62 Resp: 38686
Ion Ratio Lower Upper
62 100
64 30.8 25.7 38.5

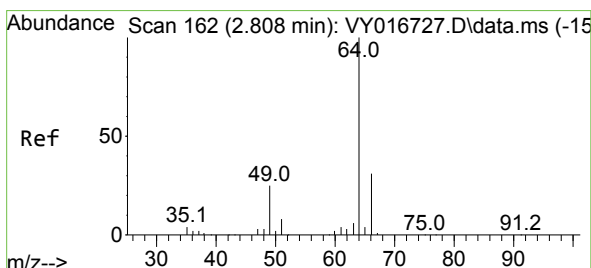
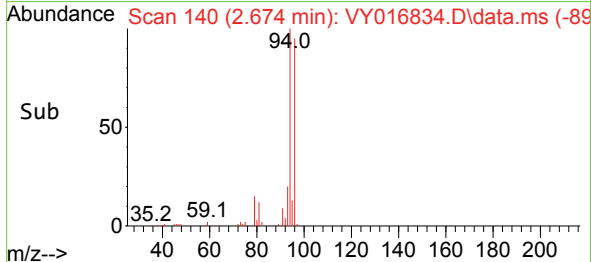
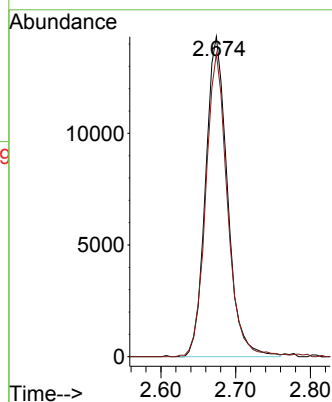
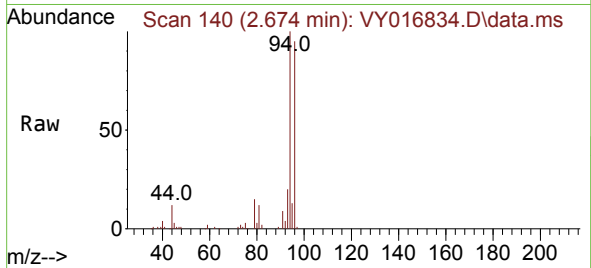




#5
Bromomethane
Concen: 20.767 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

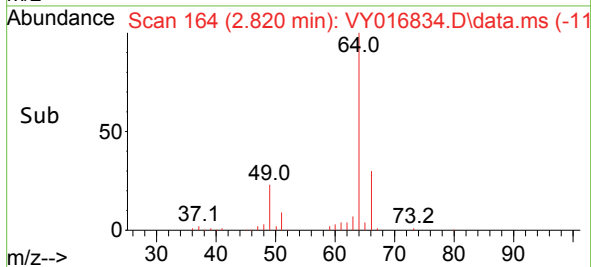
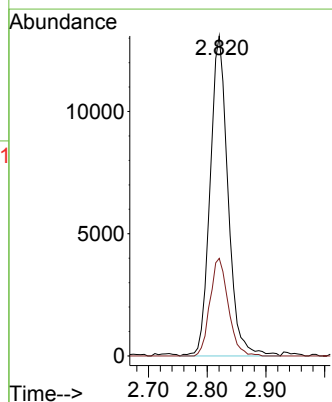
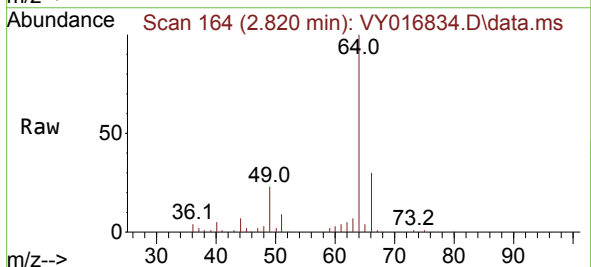
Instrument :
MSVOA_Y
ClientSampleId :

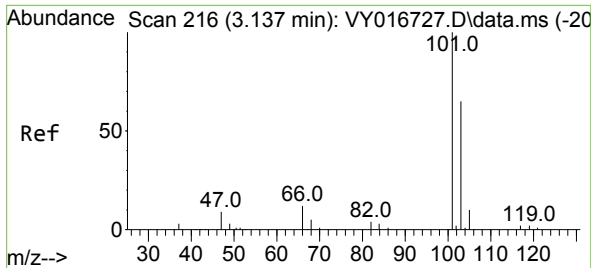
Tgt Ion: 94 Resp: 29084
Ion Ratio Lower Upper
94 100
96 94.2 77.3 115.9



#6
Chloroethane
Concen: 20.792 ug/l
RT: 2.820 min Scan# 164
Delta R.T. 0.012 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 64 Resp: 27703
Ion Ratio Lower Upper
64 100
66 30.5 25.1 37.7

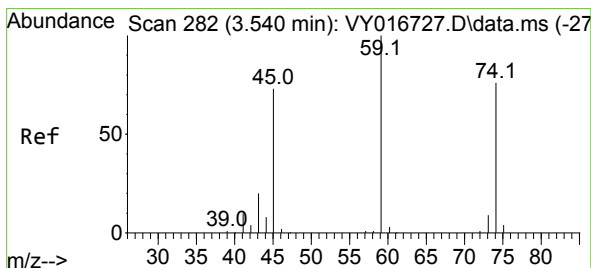
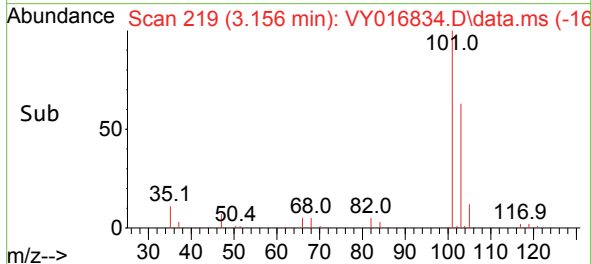
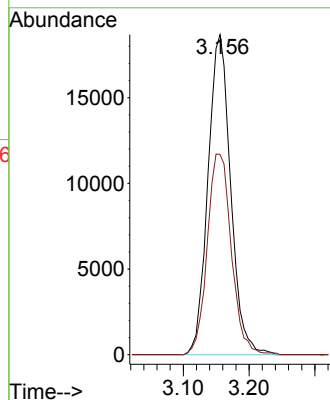
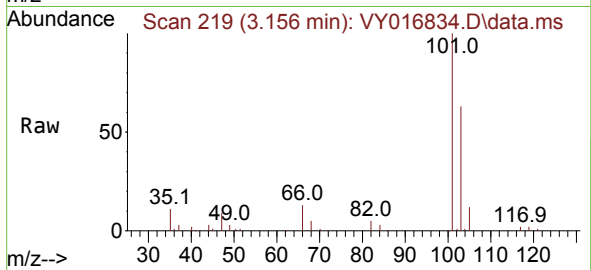




#7
 Trichlorofluoromethane
 Concen: 19.555 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

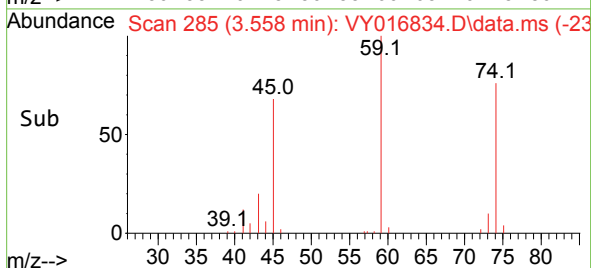
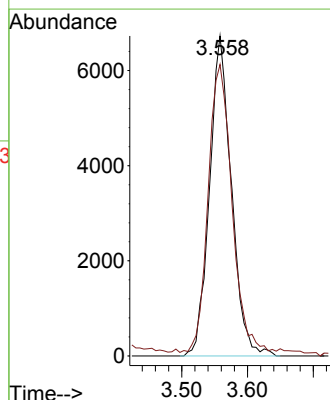
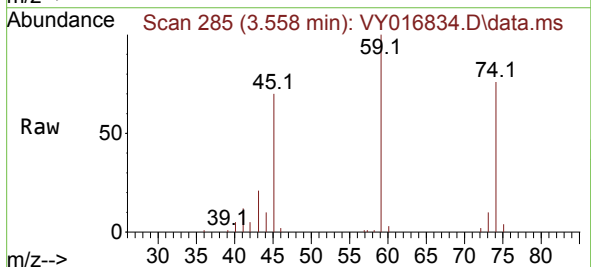
Instrument :
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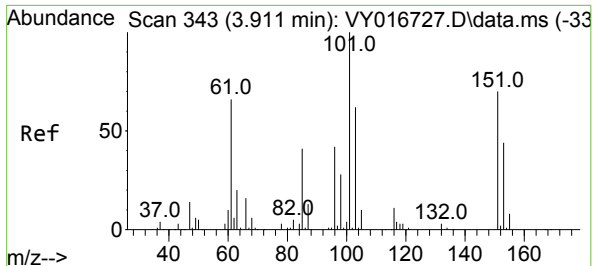
Tgt Ion:101 Resp: 44794
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.240 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.019 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

Tgt Ion: 74 Resp: 15564
 Ion Ratio Lower Upper
 74 100
 45 97.8 47.9 143.7

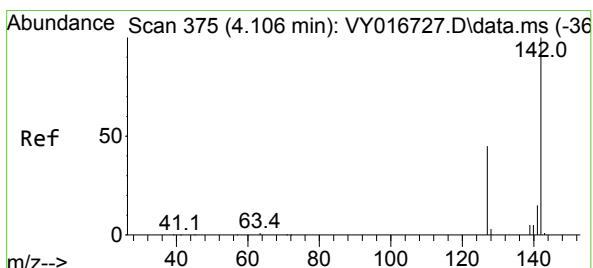
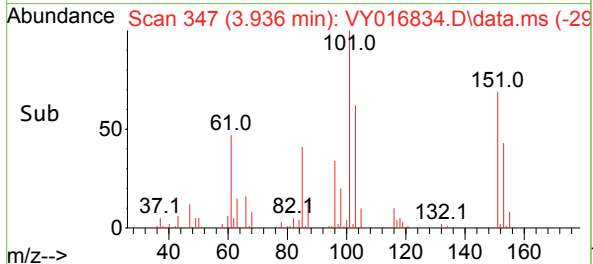
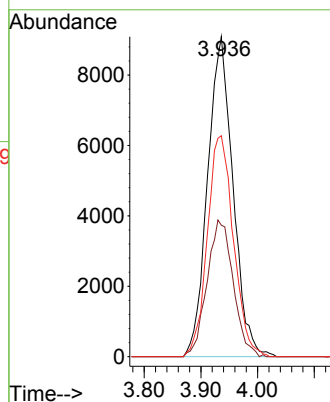
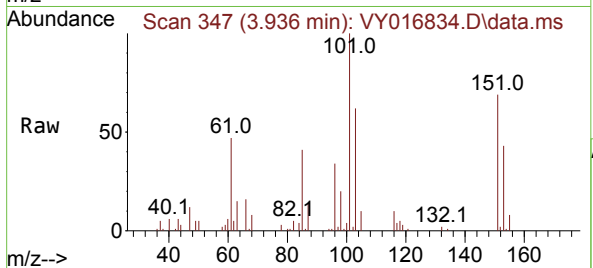




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.094 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY016834.D
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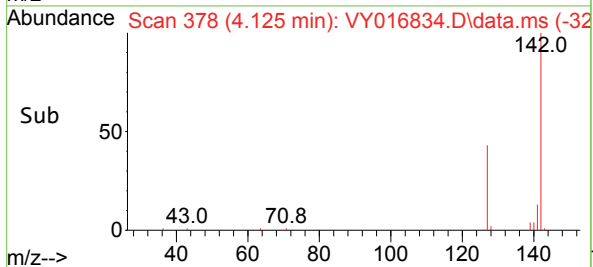
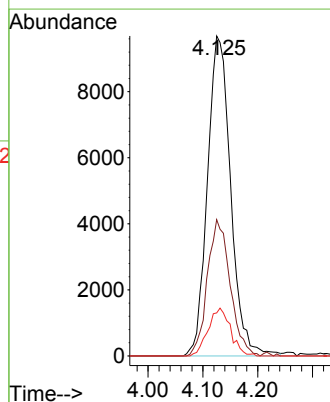
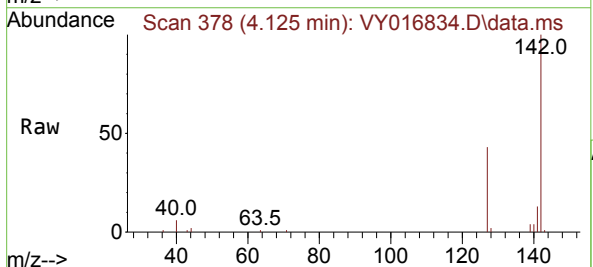
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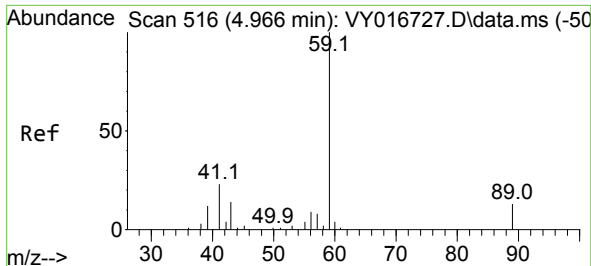
Tgt Ion:101	Resp:	28235
Ion Ratio	Lower	Upper
101	100	
85	44.0	35.8 53.6
151	71.1	58.6 88.0



#10
Methyl Iodide
Concen: 19.465 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion:142	Resp:	28502
Ion Ratio	Lower	Upper
142	100	
127	41.7	35.1 52.7
141	14.5	11.8 17.6

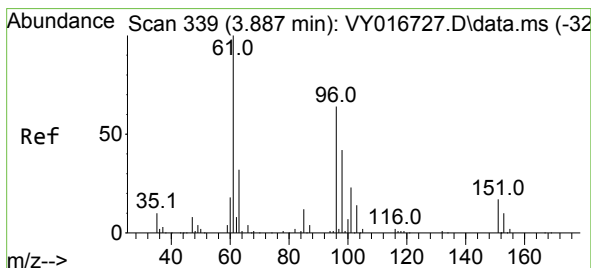
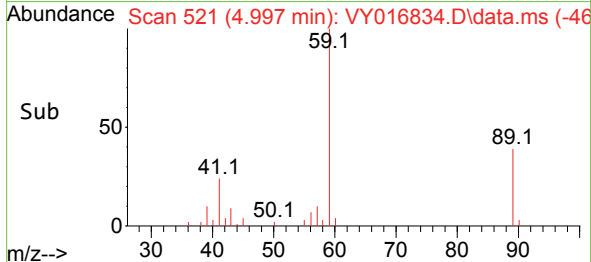
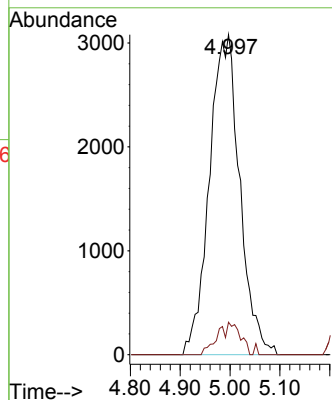
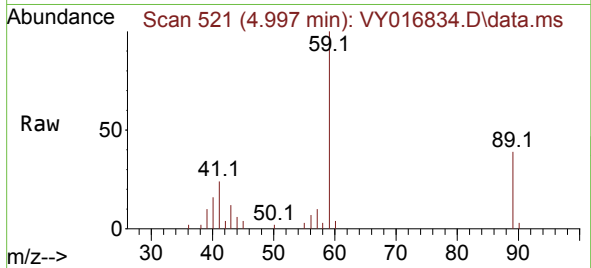




#11
Tert butyl alcohol
Concen: 131.137 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

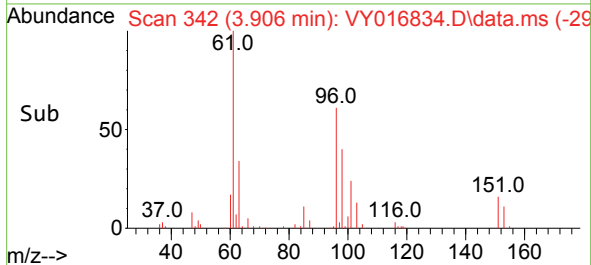
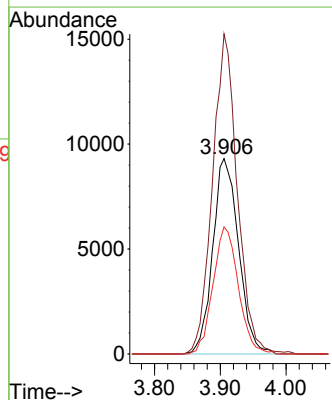
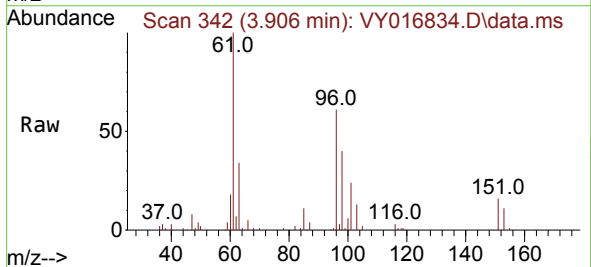
Instrument :
MSVOA_Y
ClientSampleId :

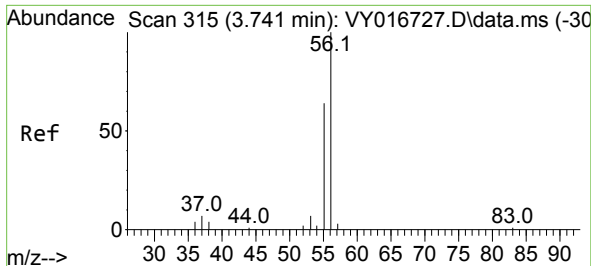
Tgt Ion: 59 Resp: 13008
Ion Ratio Lower Upper
59 100
57 4.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.327 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 96 Resp: 25431
Ion Ratio Lower Upper
96 100
61 163.8 124.2 186.2
98 65.1 52.6 79.0

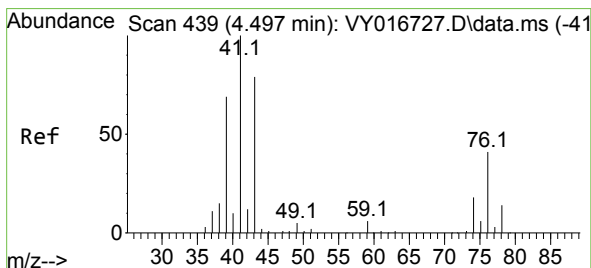
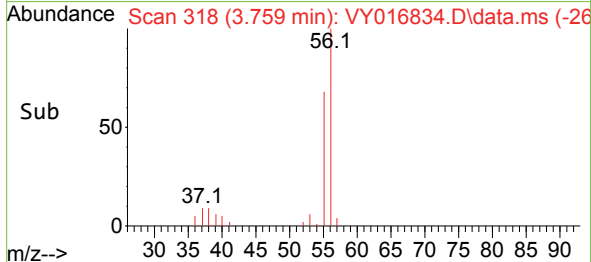
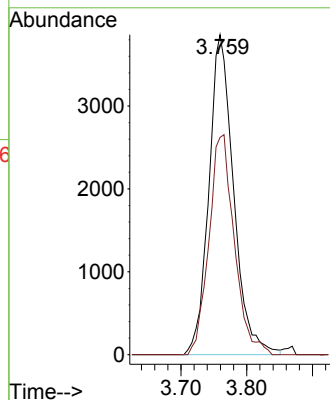
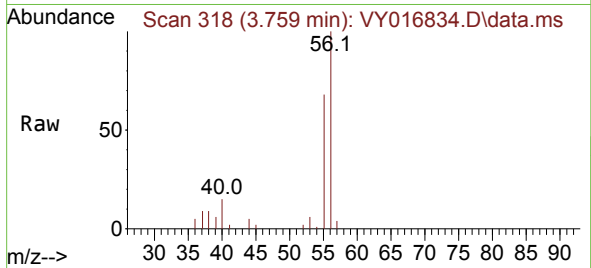




#13
Acrolein
Concen: 131.810 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

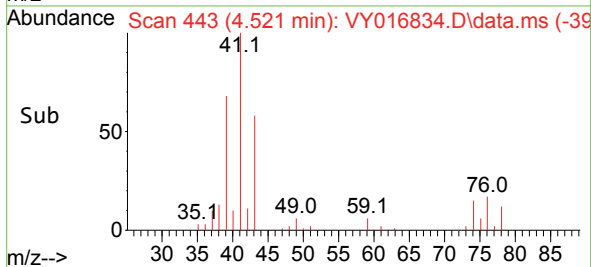
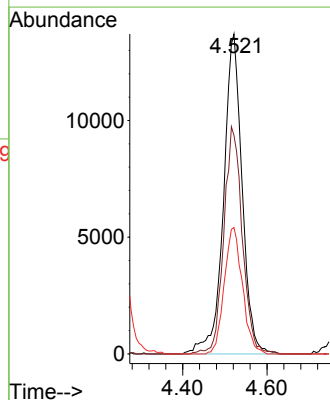
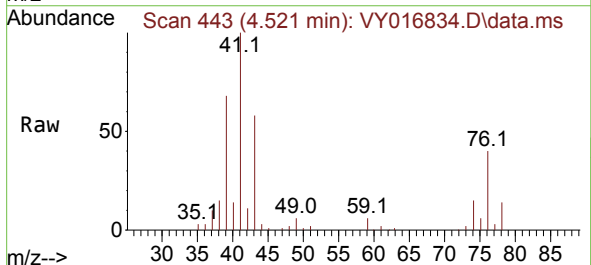
Instrument :
MSVOA_Y
ClientSampleId :

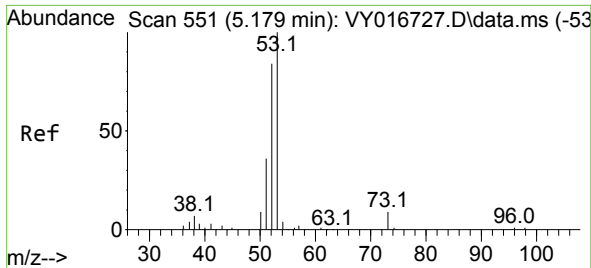
Tgt Ion: 56 Resp: 10088
Ion Ratio Lower Upper
56 100
55 70.6 55.4 83.0



#14
Allyl chloride
Concen: 21.825 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 41 Resp: 41822
Ion Ratio Lower Upper
41 100
39 70.6 54.7 82.1
76 38.7 31.8 47.6

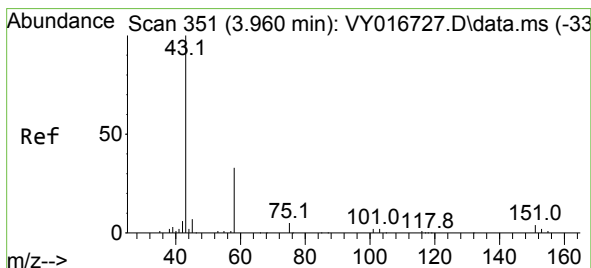
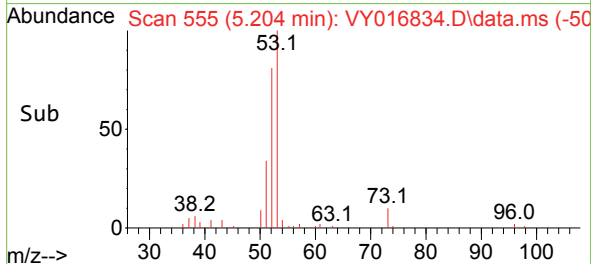
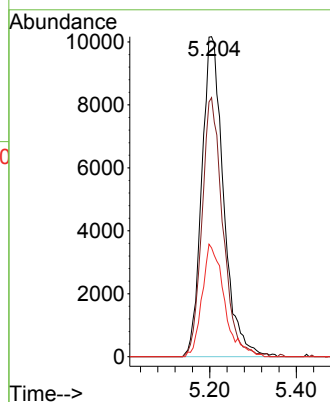
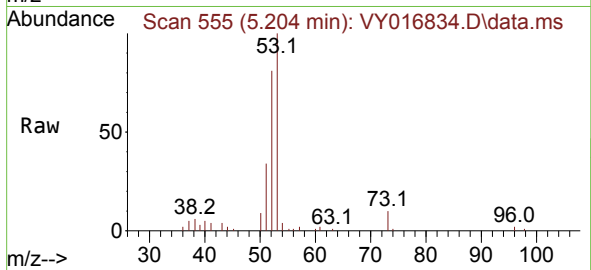




#15
Acrylonitrile
Concen: 114.686 ug/l
RT: 5.204 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

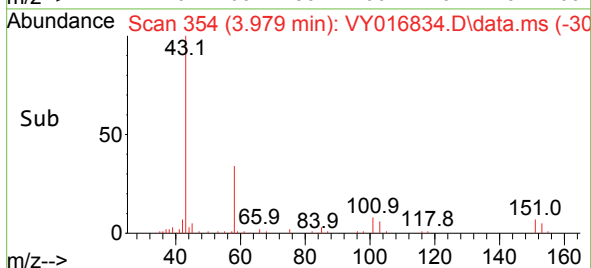
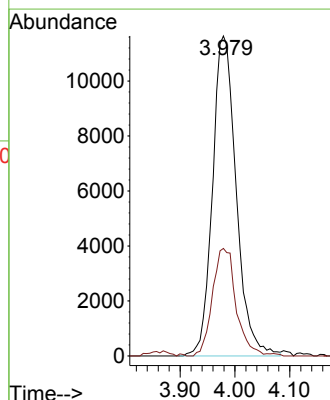
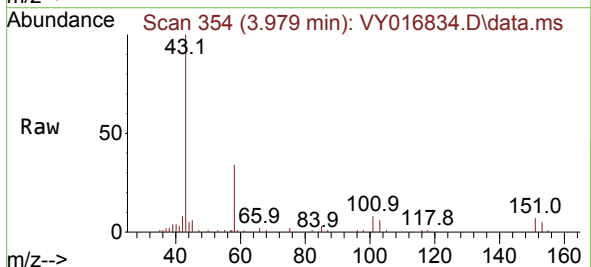
Instrument :
MSVOA_Y
ClientSampleId :

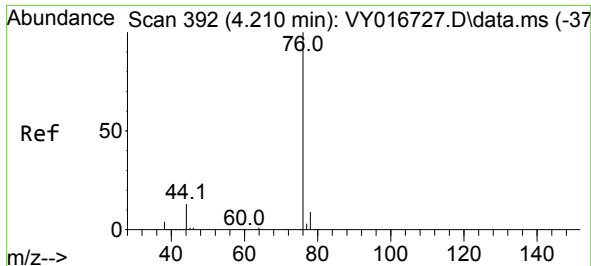
Tgt Ion: 53	Resp: 35589
Ion Ratio	Lower Upper
53 100	
52 77.4	65.1 97.7
51 35.9	29.0 43.4



#16
Acetone
Concen: 106.823 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 43	Resp: 34947
Ion Ratio	Lower Upper
43 100	
58 33.1	26.6 39.8





#17

Carbon Disulfide

Concen: 18.382 ug/l

RT: 4.235 min Scan# 396

Delta R.T. 0.025 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

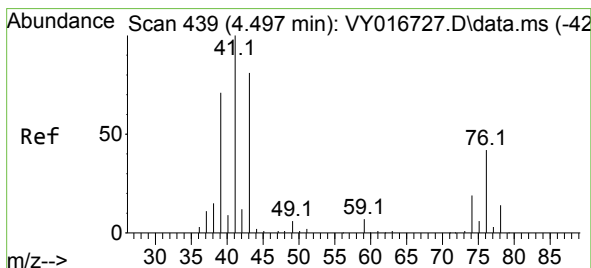
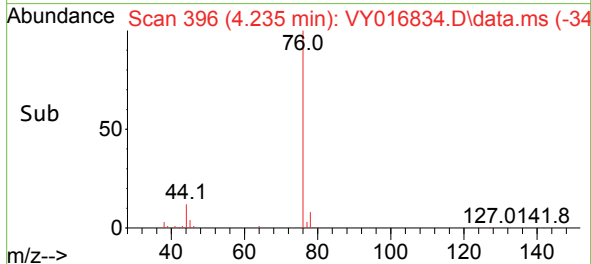
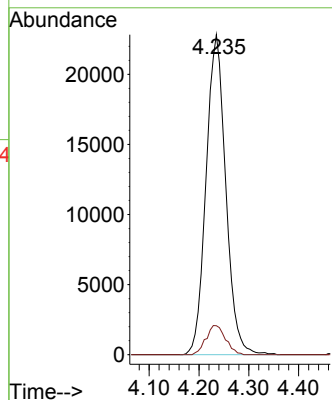
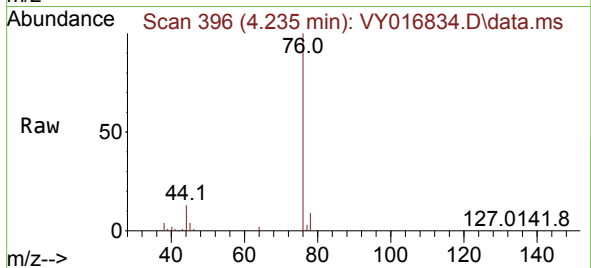
ClientSampleId :

Tgt Ion: 76 Resp: 62576

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 20.802 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016834.D

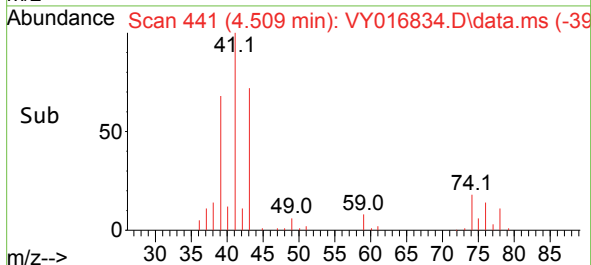
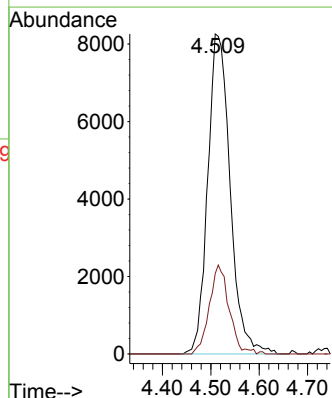
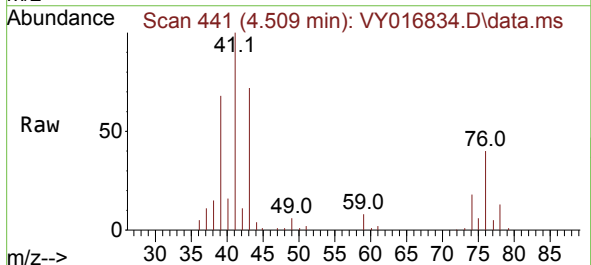
Acq: 23 Dec 2023 02:48

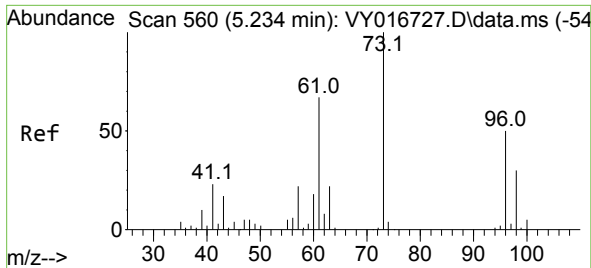
Tgt Ion: 43 Resp: 26595

Ion Ratio Lower Upper

43 100

74 24.6 19.8 29.6

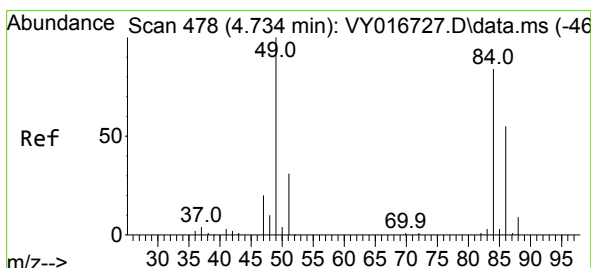
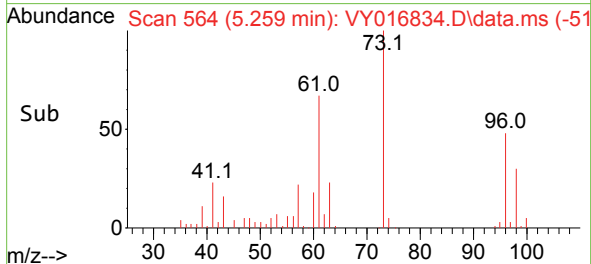
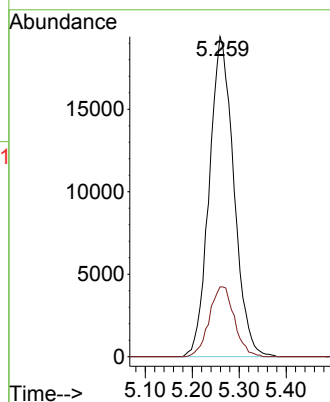
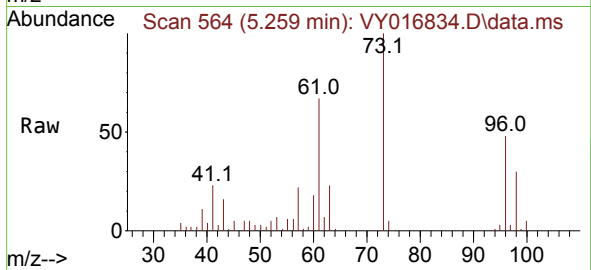




#19
Methyl tert-butyl Ether
Concen: 21.864 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

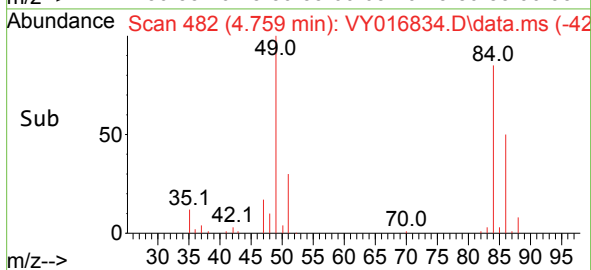
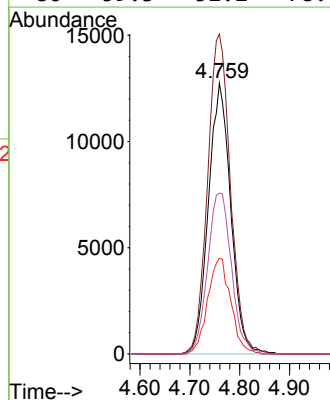
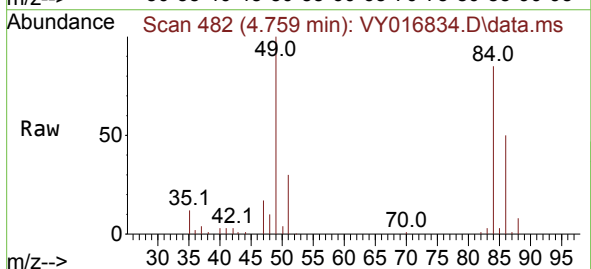
Instrument :
MSVOA_Y
ClientSampleId :

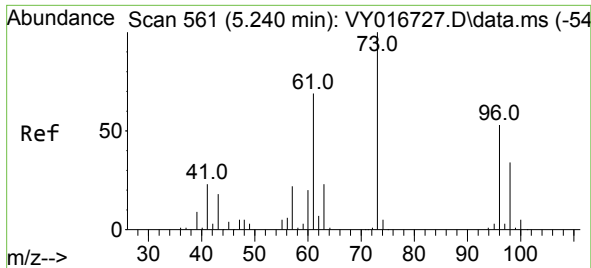
Tgt Ion: 73 Resp: 70384
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 21.706 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 84 Resp: 39711
Ion Ratio Lower Upper
84 100
49 118.0 95.2 142.8
51 35.2 29.9 44.9
86 59.3 52.2 78.4

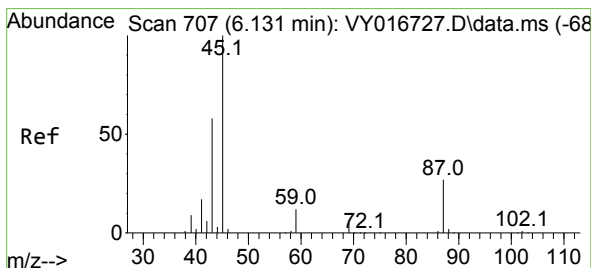
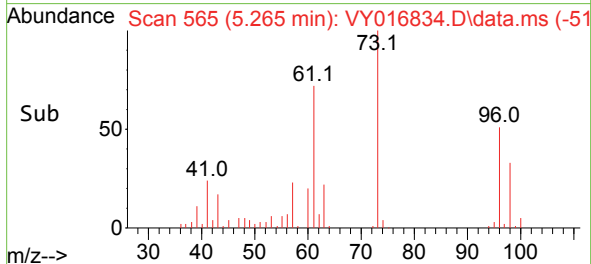
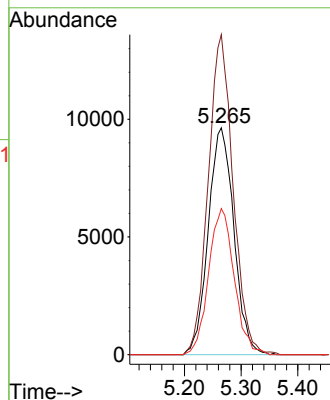
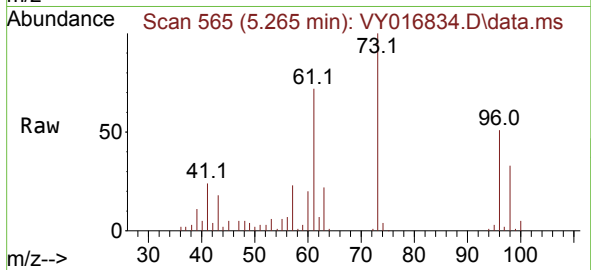




#21
trans-1,2-Dichloroethene
Concen: 21.215 ug/l
RT: 5.265 min Scan# 501
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

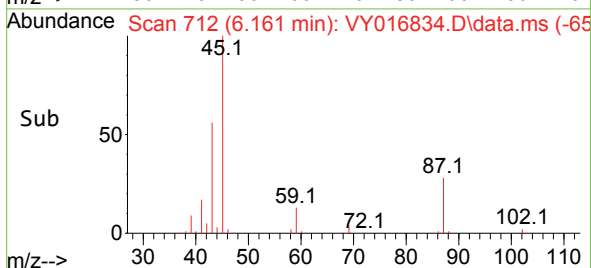
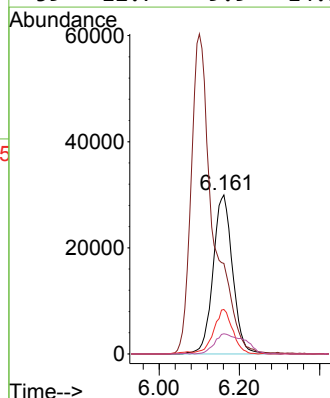
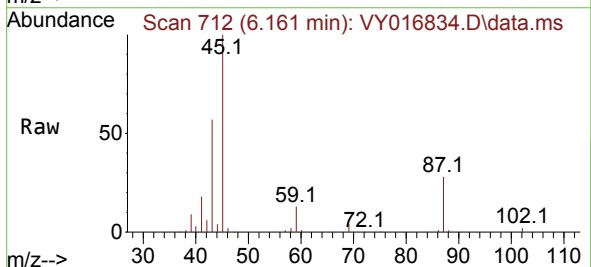
Instrument :
MSVOA_Y
ClientSampleId :

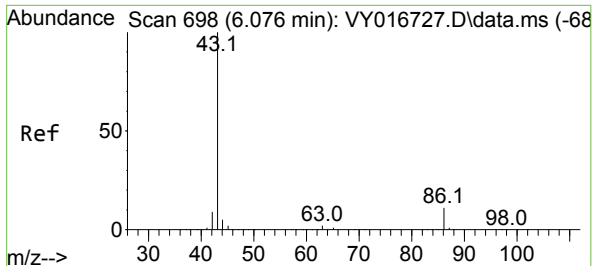
Tgt Ion: 96 Resp: 30272
Ion Ratio Lower Upper
96 100
61 141.0 104.6 156.8
98 64.4 50.9 76.3



#22
Diisopropyl ether
Concen: 23.281 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.031 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 45 Resp: 100932
Ion Ratio Lower Upper
45 100
43 56.4 46.8 70.2
87 27.9 22.2 33.2
59 12.7 9.9 14.9

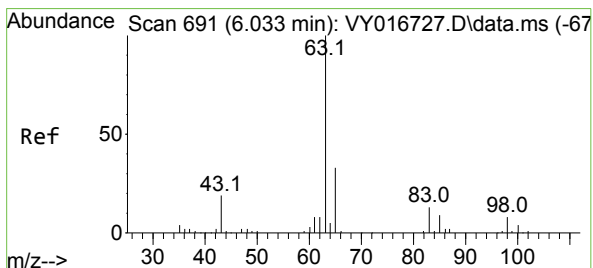
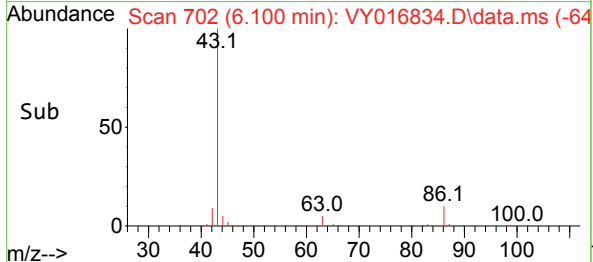
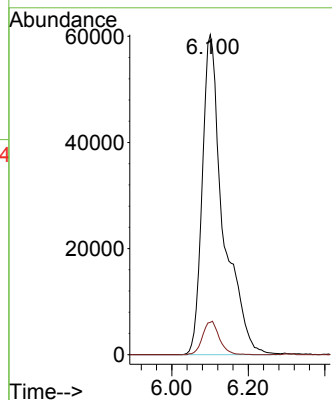
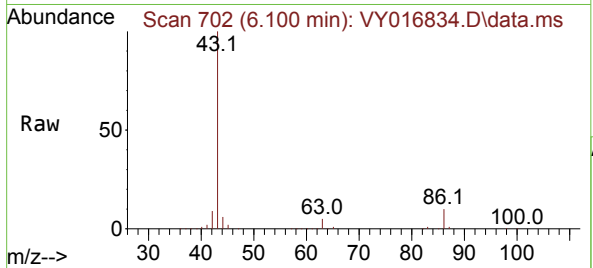




#23
 Vinyl Acetate
 Concen: 112.000 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

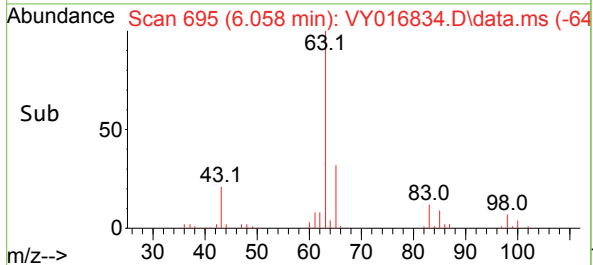
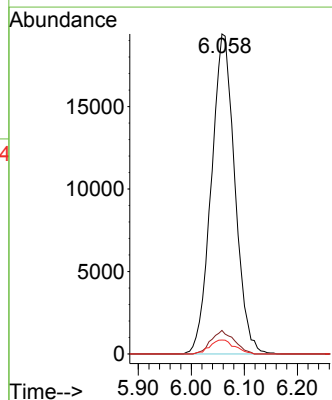
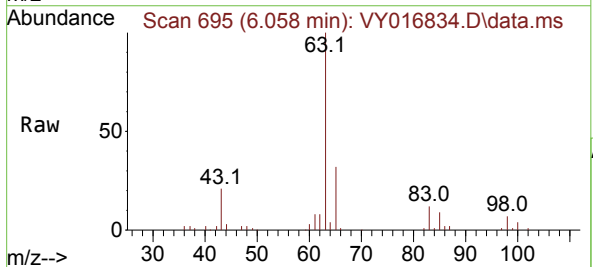
Instrument :
 MSVOA_Y
 ClientSampleId :

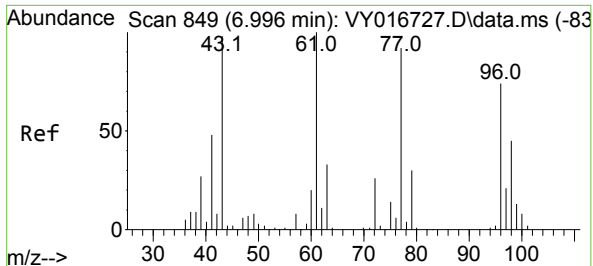
Tgt Ion: 43 Resp: 229649
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.961 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.025 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

Tgt Ion: 63 Resp: 59797
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 106.540 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

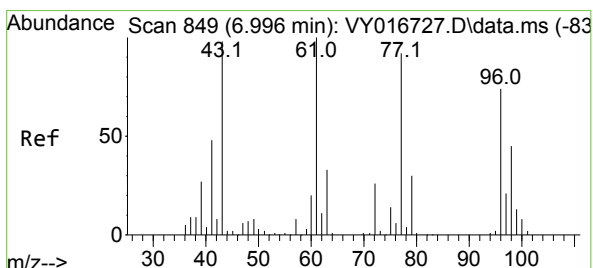
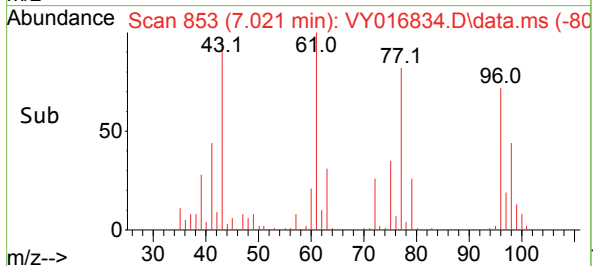
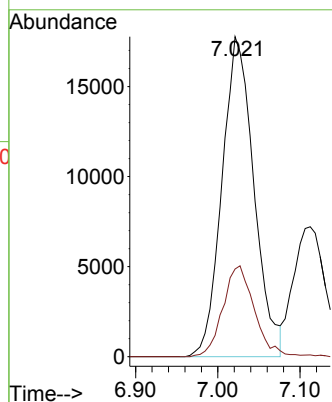
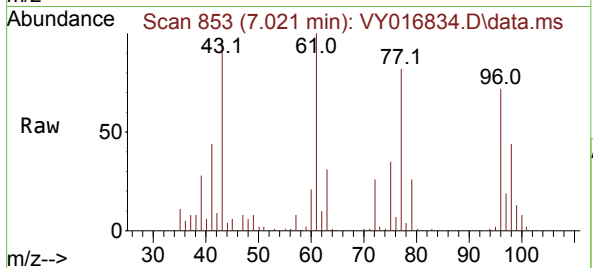
ClientSampleId :

Tgt Ion: 43 Resp: 47988

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.557 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016834.D

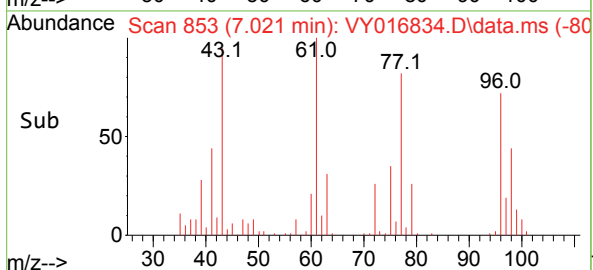
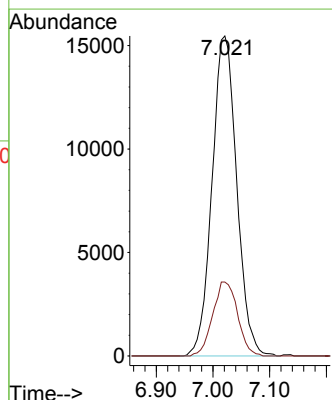
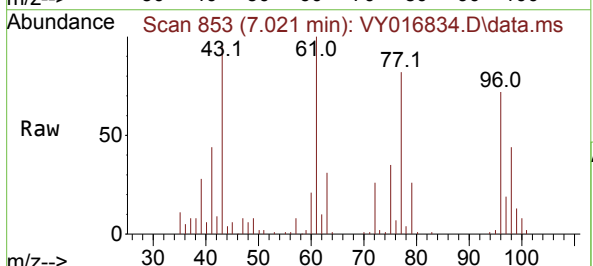
Acq: 23 Dec 2023 02:48

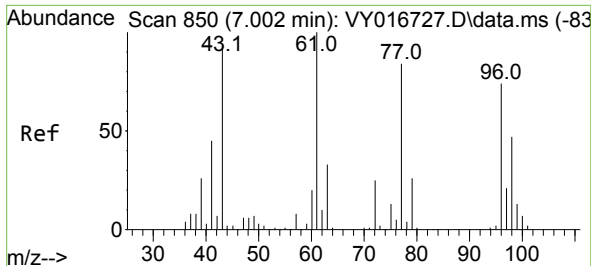
Tgt Ion: 77 Resp: 46719

Ion Ratio Lower Upper

77 100

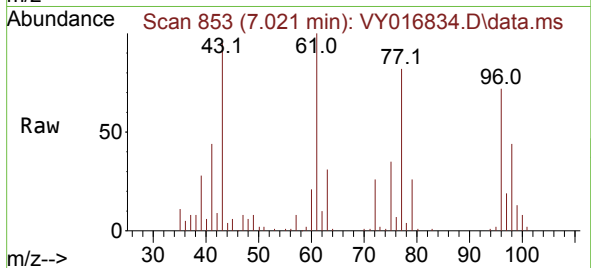
97 23.3 11.7 35.0



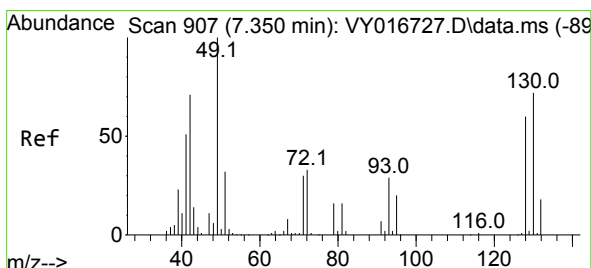
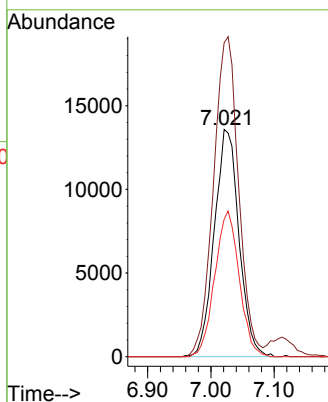
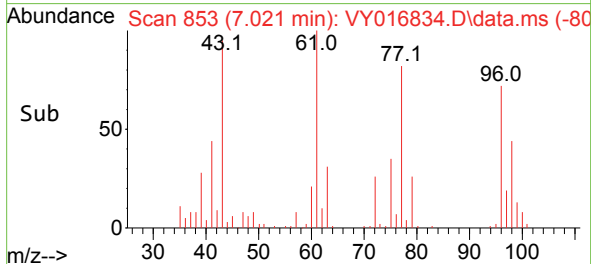


#27
cis-1,2-Dichloroethene
Concen: 22.350 ug/l
RT: 7.021 min Scan# 850
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Instrument :
MSVOA_Y
ClientSampleId :

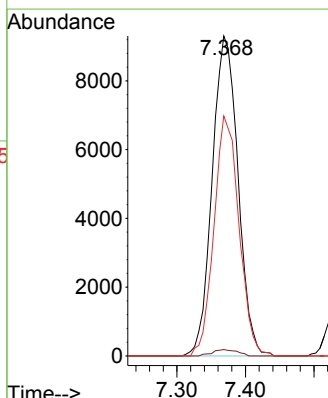
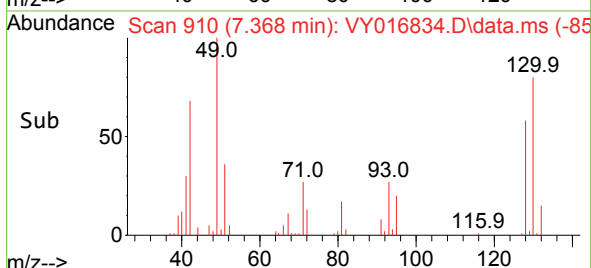
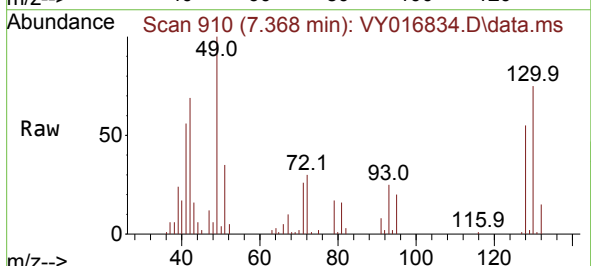


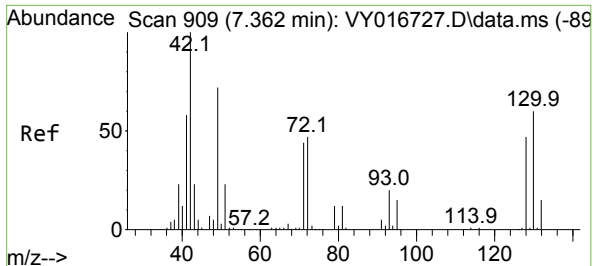
Tgt Ion: 96 Resp: 36703
Ion Ratio Lower Upper
96 100
61 143.6 0.0 278.8
98 63.6 0.0 127.0



#28
Bromochloromethane
Concen: 23.583 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 49 Resp: 24309
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 72.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 109.919 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

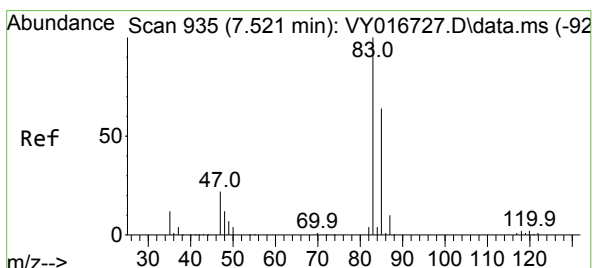
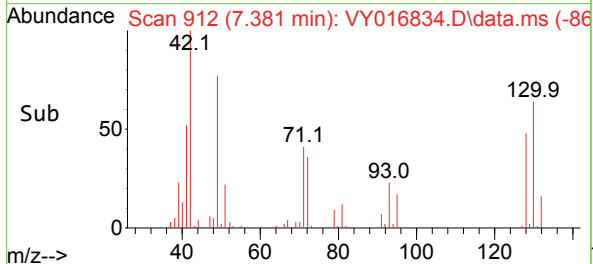
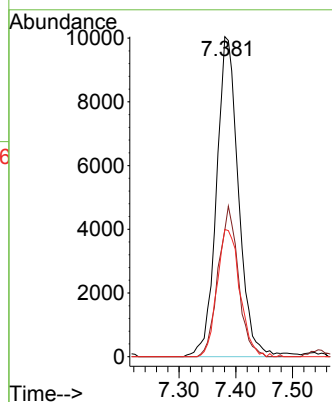
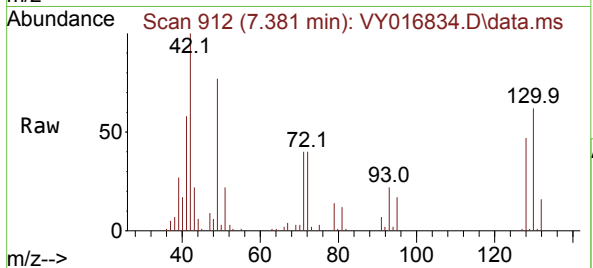
Tgt Ion: 42 Resp: 27072

Ion Ratio Lower Upper

42 100

72 43.2 36.6 54.8

71 41.1 33.8 50.6



#30

Chloroform

Concen: 22.936 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.019 min

Lab File: VY016834.D

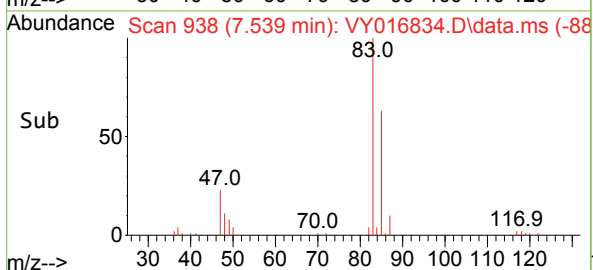
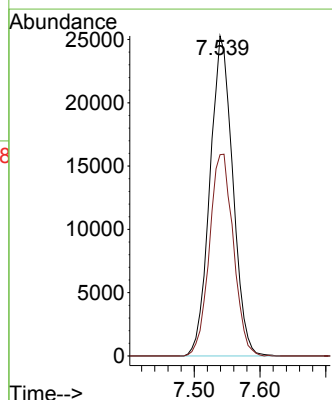
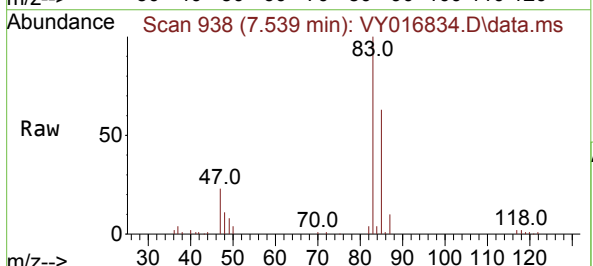
Acq: 23 Dec 2023 02:48

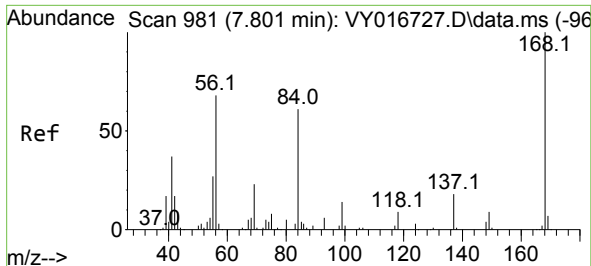
Tgt Ion: 83 Resp: 61147

Ion Ratio Lower Upper

83 100

85 62.9 51.2 76.8

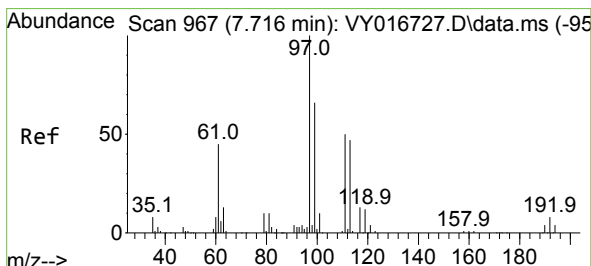
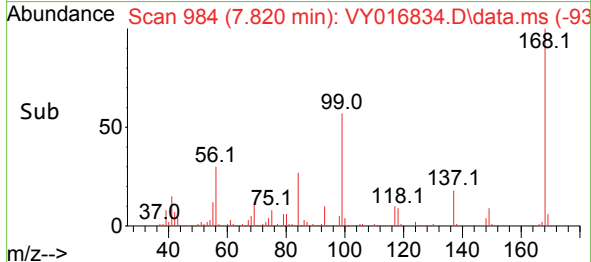
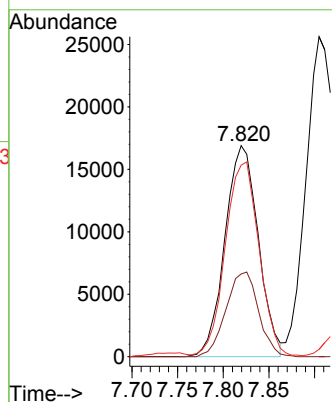
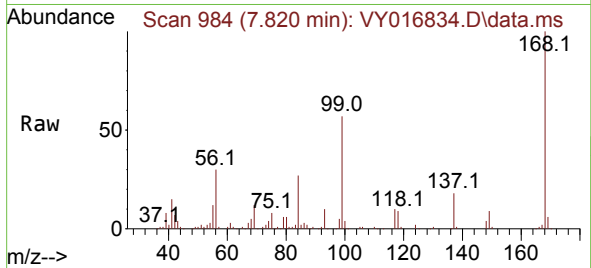




#31
Cyclohexane
Concen: 18.508 ug/l
RT: 7.820 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

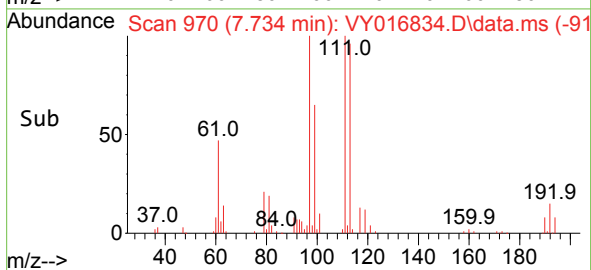
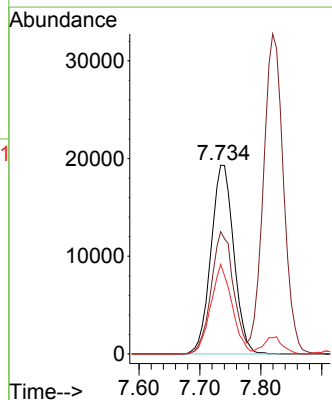
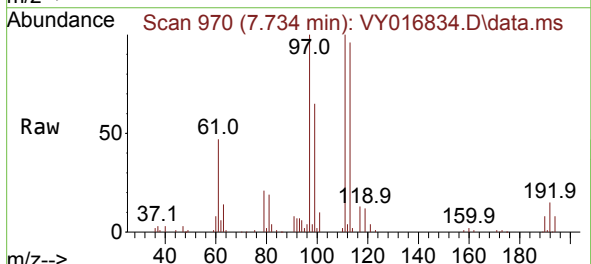
Instrument :
MSVOA_Y
ClientSampleId :

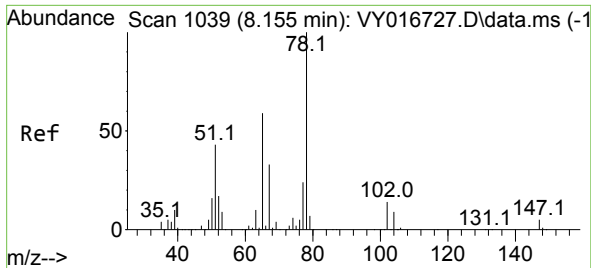
Tgt Ion: 56 Resp: 42900
Ion Ratio Lower Upper
56 100
69 39.2 27.0 40.6
84 88.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.464 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 97 Resp: 50230
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.4 35.0 52.6

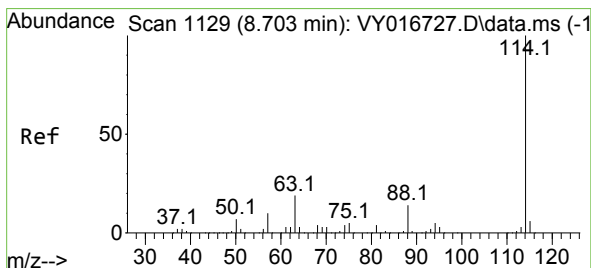
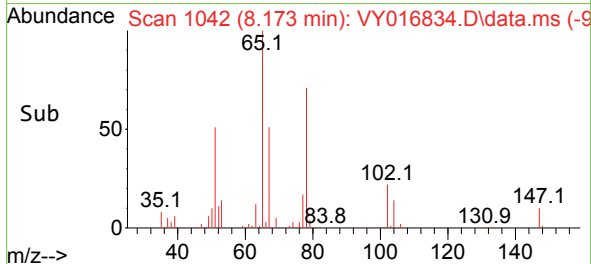
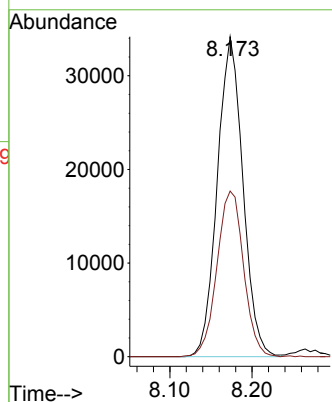
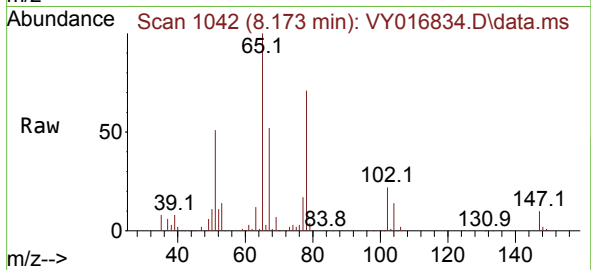




#33
 1,2-Dichloroethane-d4
 Concen: 61.179 ug/l
 RT: 8.173 min Scan# 110
 Delta R.T. 0.019 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

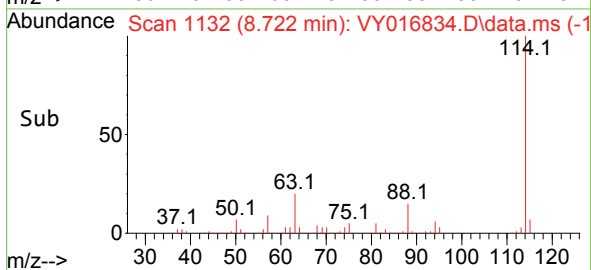
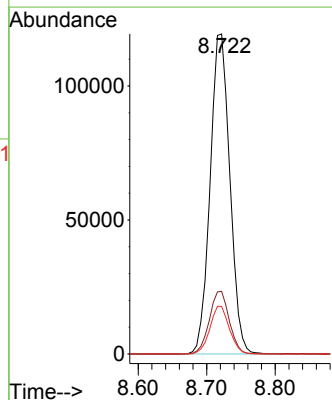
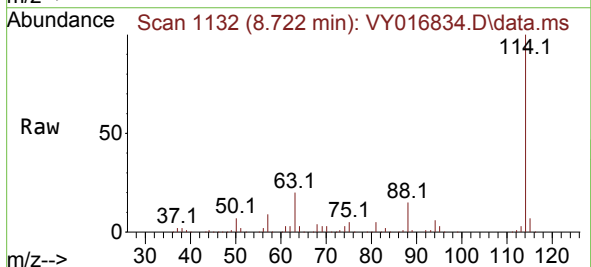
Instrument :
 MSVOA_Y
 ClientSampleId :

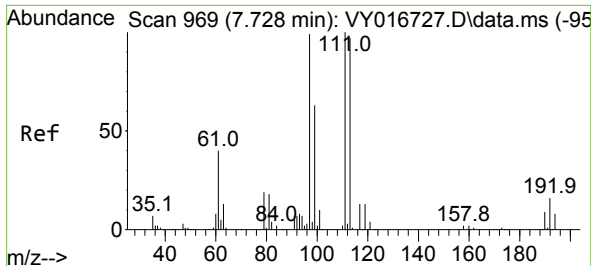
Tgt Ion: 65 Resp: 74015
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.019 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

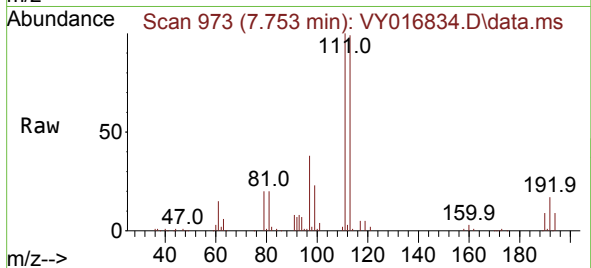
Tgt Ion:114 Resp: 239027
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.9 0.0 29.0



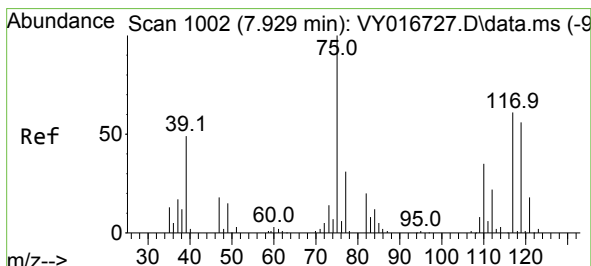
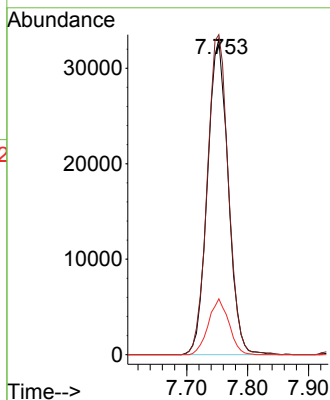
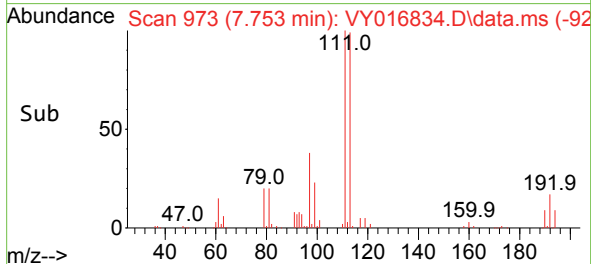


#35
Dibromofluoromethane
Concen: 57.017 ug/l
RT: 7.753 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

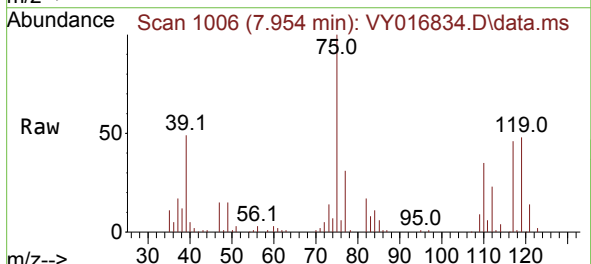
Instrument :
MSVOA_Y
ClientSampleId :



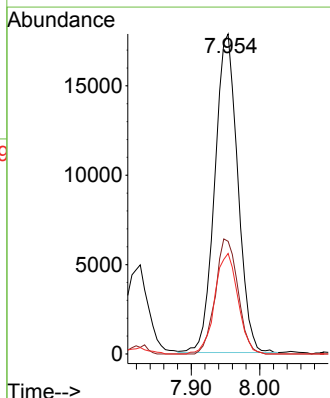
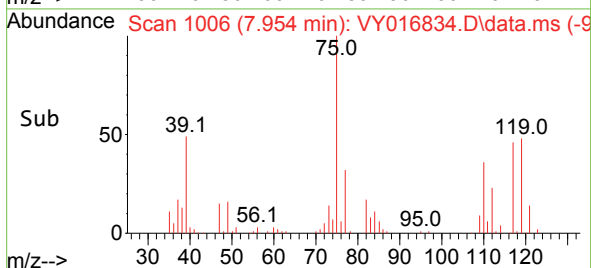
Tgt Ion:113 Resp: 78068
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.5 14.5 21.7

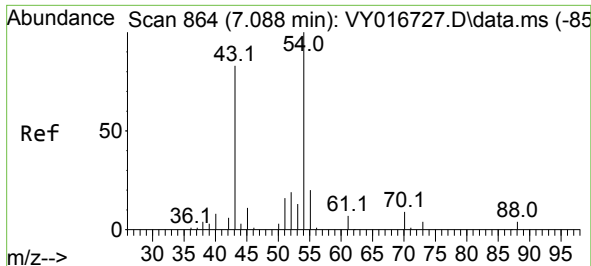


#36
1,1-Dichloropropene
Concen: 18.850 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48



Tgt Ion: 75 Resp: 41377
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 21.714 ug/l

RT: 7.112 min Scan# 8

Delta R.T. 0.025 min

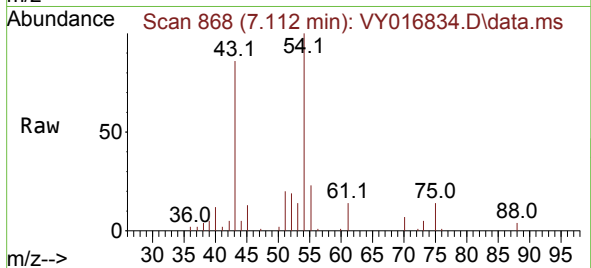
Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :



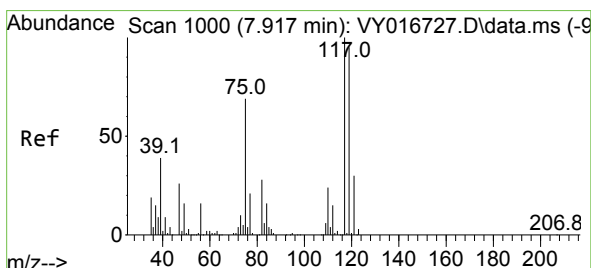
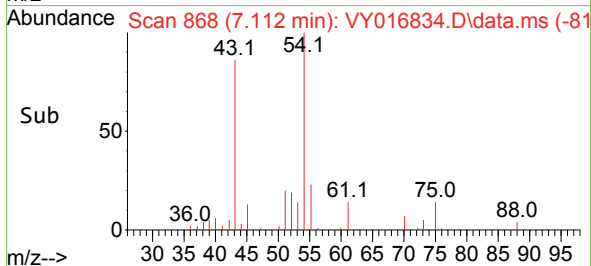
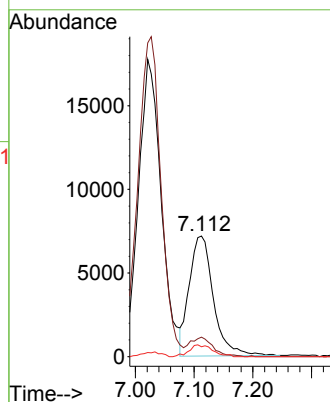
Tgt Ion: 43 Resp: 20430

Ion Ratio Lower Upper

43 100

61 15.5 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.196 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

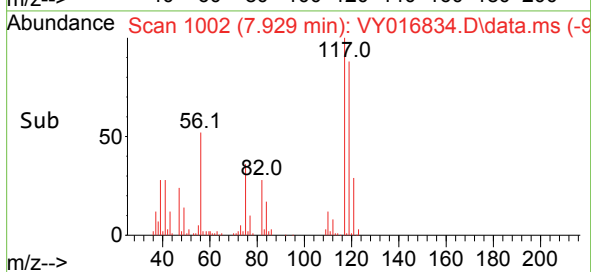
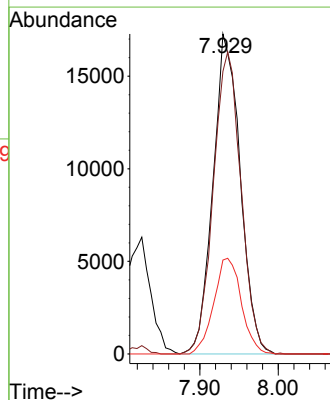
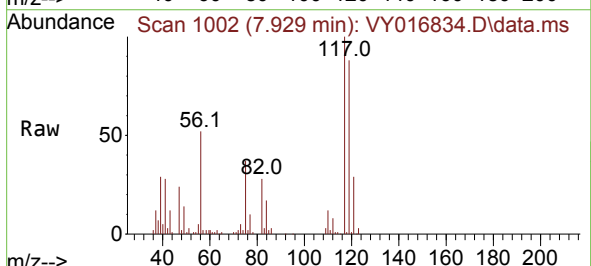
Tgt Ion: 117 Resp: 41695

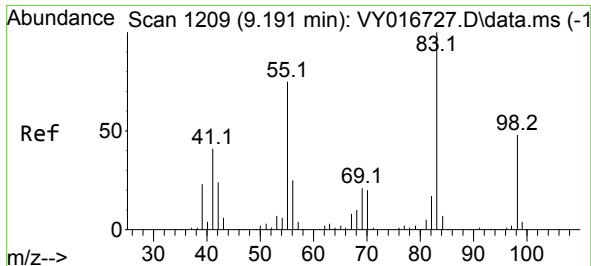
Ion Ratio Lower Upper

117 100

119 88.3 76.0 114.0

121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 16.924 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

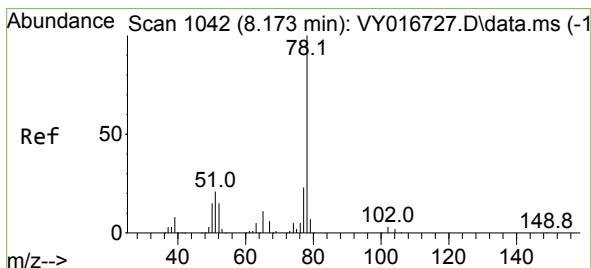
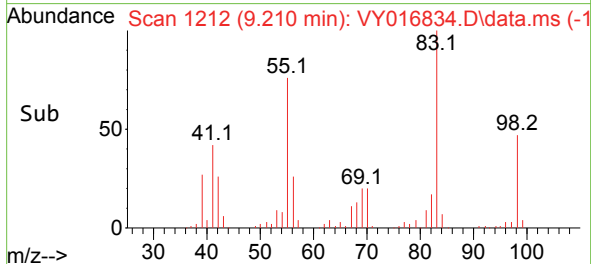
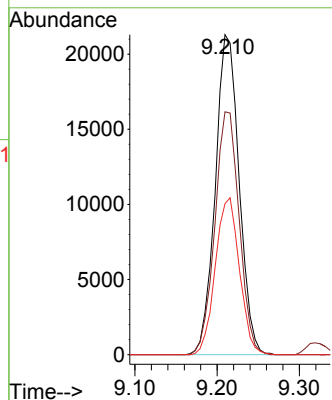
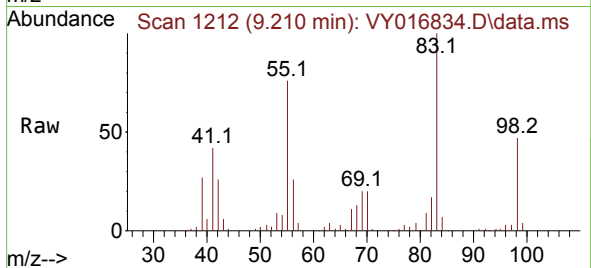
Tgt Ion: 83 Resp: 42890

Ion Ratio Lower Upper

83 100

55 75.9 59.7 89.5

98 47.2 38.0 57.0



#40

Benzene

Concen: 20.866 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.019 min

Lab File: VY016834.D

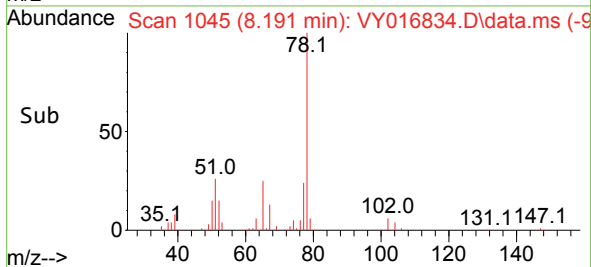
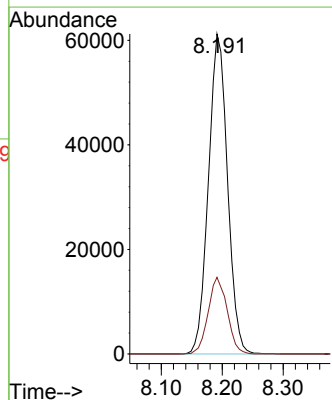
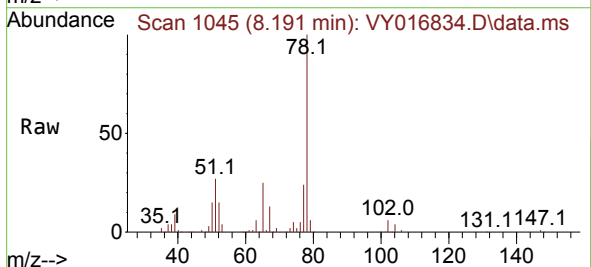
Acq: 23 Dec 2023 02:48

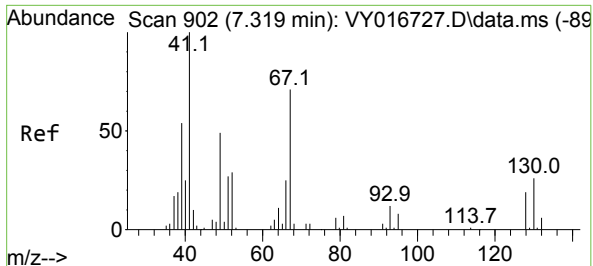
Tgt Ion: 78 Resp: 133285

Ion Ratio Lower Upper

78 100

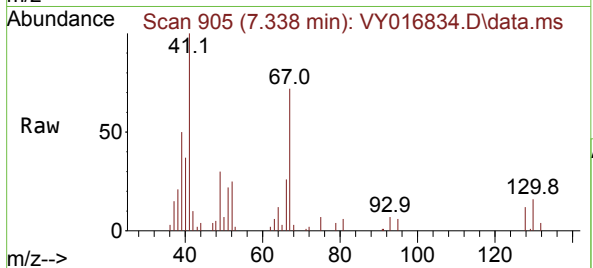
77 24.0 18.8 28.2



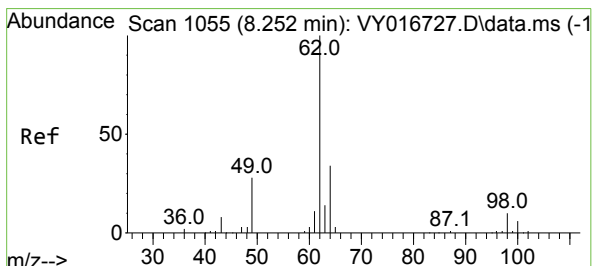
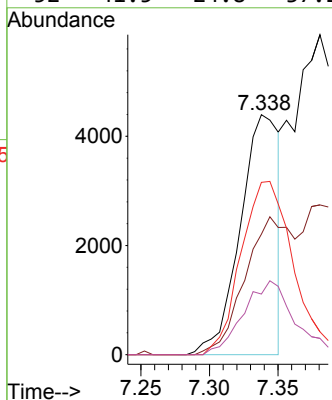
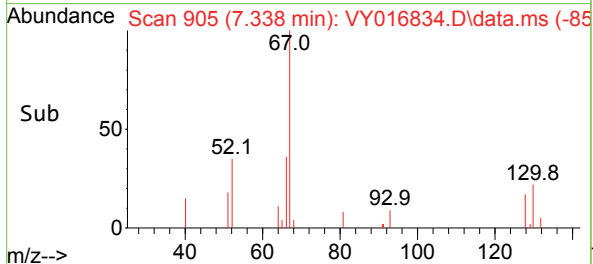


#41
Methacrylonitrile
Concen: 17.296 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Instrument :
MSVOA_Y
ClientSampleId :

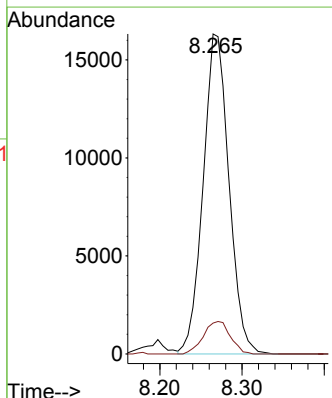
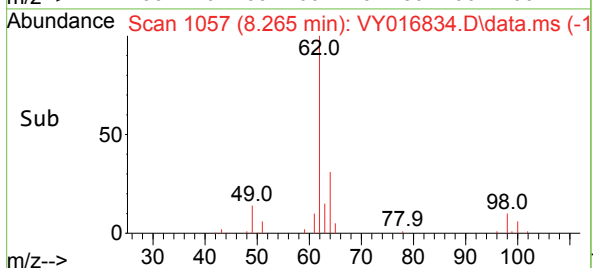
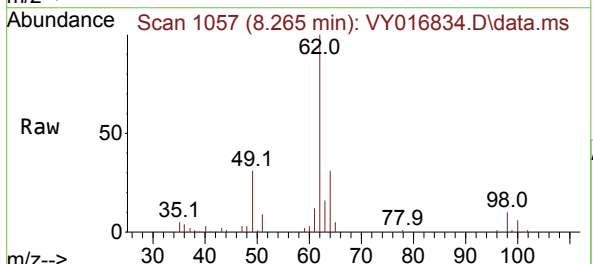


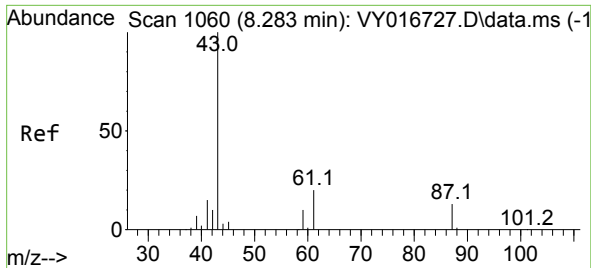
Tgt Ion:	41	Resp:	8640
Ion	Ratio	Lower	Upper
41	100		
39	71.1	41.9	62.9#
67	97.9	59.8	89.6#
52	41.5	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 21.380 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion:	62	Resp:	35630
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.2

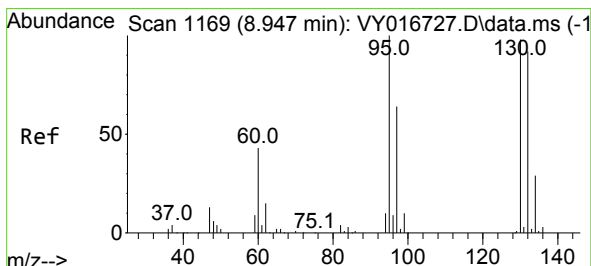
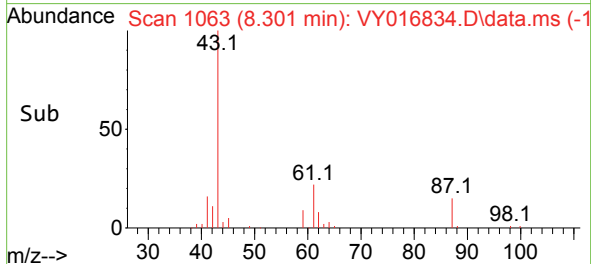
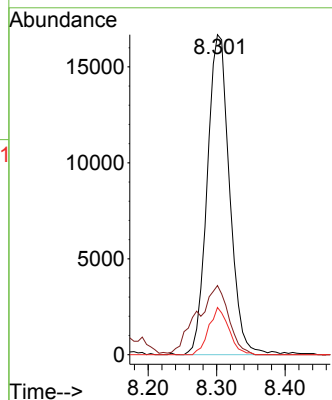
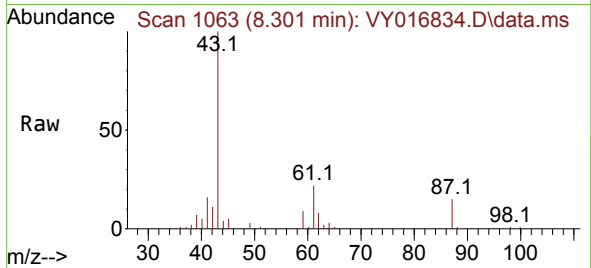




#43
Isopropyl Acetate
Concen: 20.607 ug/l
RT: 8.301 min Scan# 1173
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

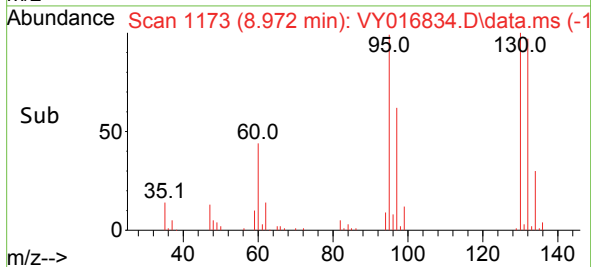
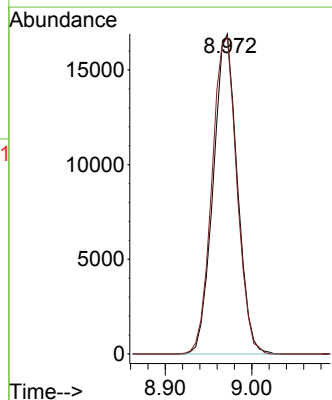
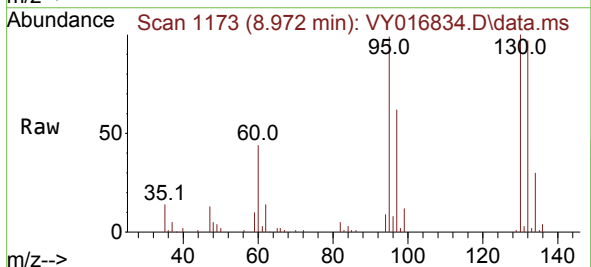
Instrument :
MSVOA_Y
ClientSampleId :

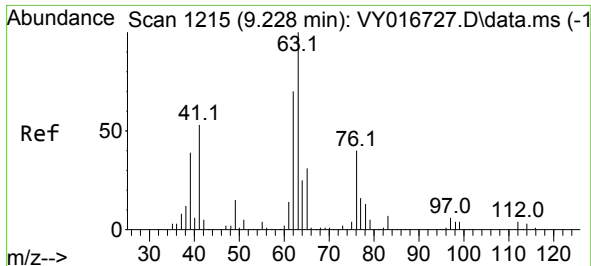
Tgt Ion: 43 Resp: 37656
Ion Ratio Lower Upper
43 100
61 30.7 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 20.018 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion:130 Resp: 32636
Ion Ratio Lower Upper
130 100
95 99.0 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.492 ug/l

RT: 9.240 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

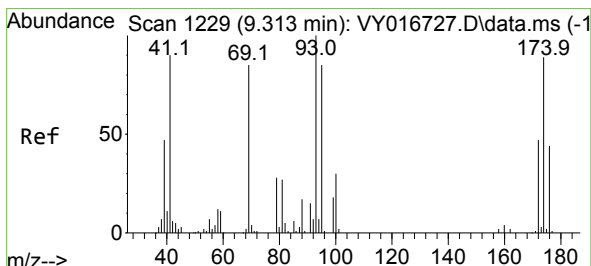
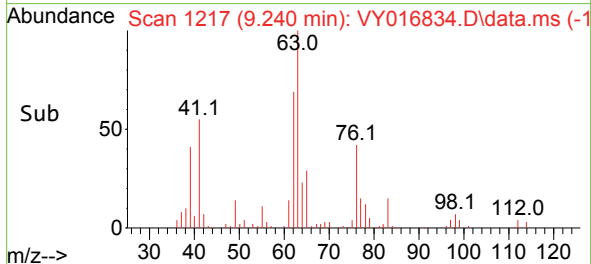
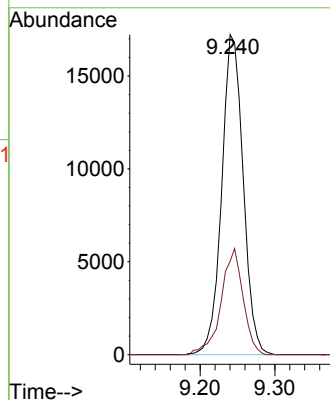
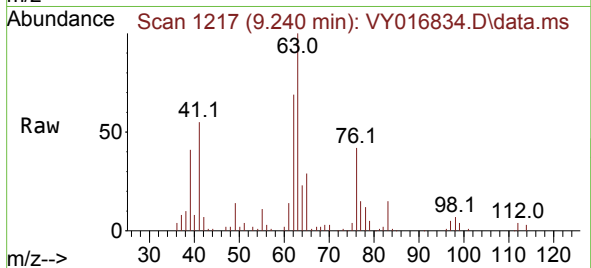
ClientSampleId :

Tgt Ion: 63 Resp: 34437

Ion Ratio Lower Upper

63 100

65 29.2 24.6 36.8



#46

Dibromomethane

Concen: 20.477 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

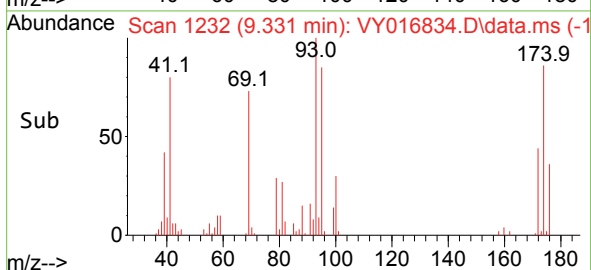
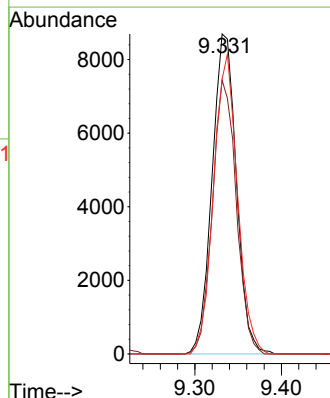
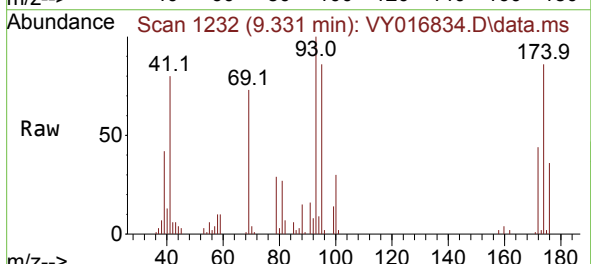
Tgt Ion: 93 Resp: 16950

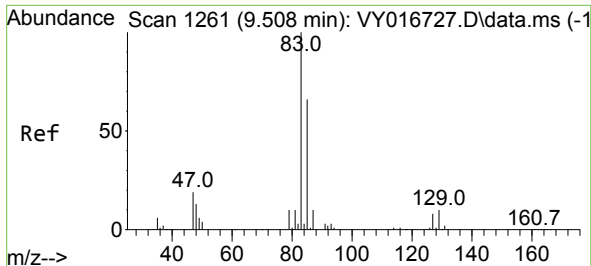
Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

174 92.1 73.8 110.6

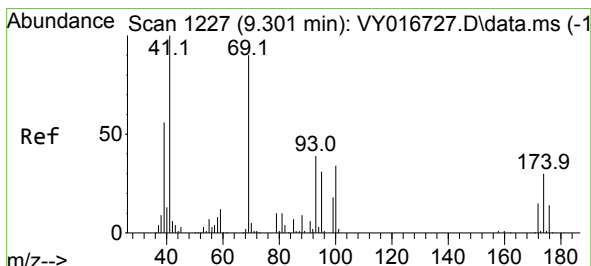
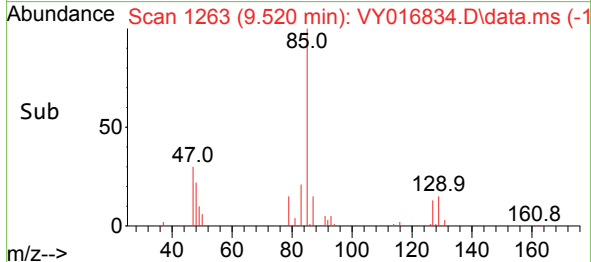
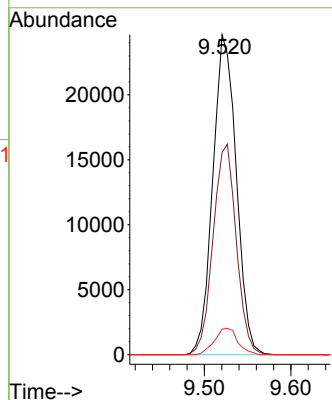
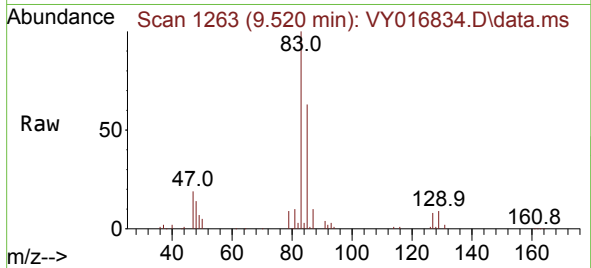




#47
Bromodichloromethane
Concen: 21.254 ug/l
RT: 9.520 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

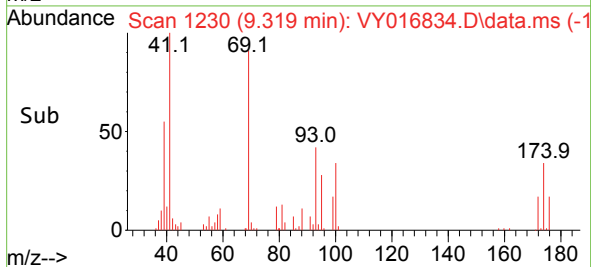
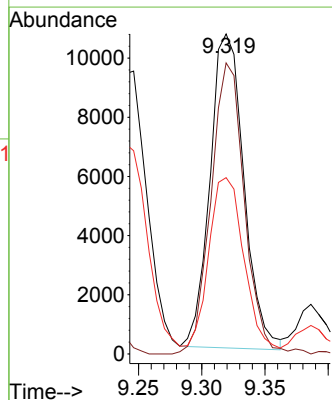
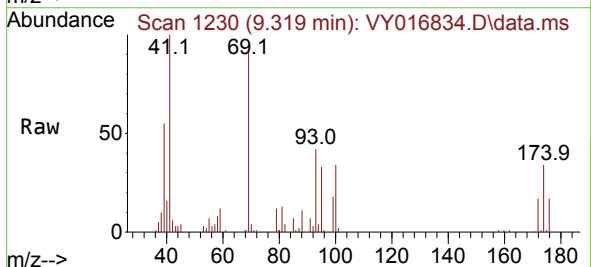
Instrument :
MSVOA_Y
ClientSampleId :

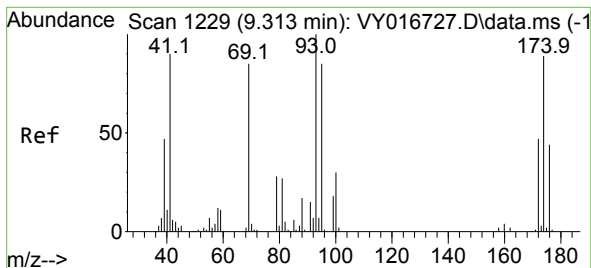
Tgt Ion: 83 Resp: 46370
Ion Ratio Lower Upper
83 100
85 63.2 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 19.492 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 41 Resp: 19796
Ion Ratio Lower Upper
41 100
69 91.5 72.1 108.1
39 59.5 42.8 64.2





#49

1,4-Dioxane

Concen: 390.579 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

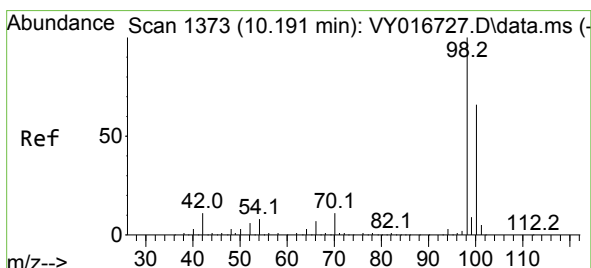
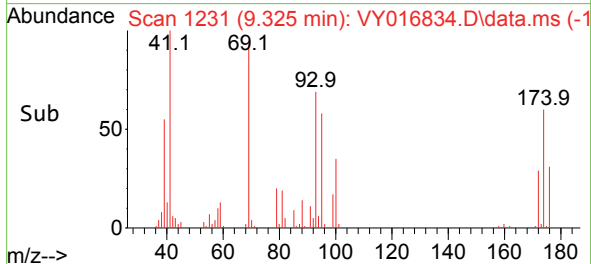
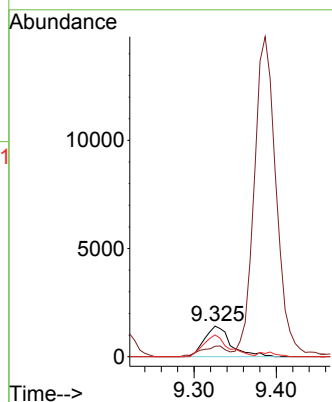
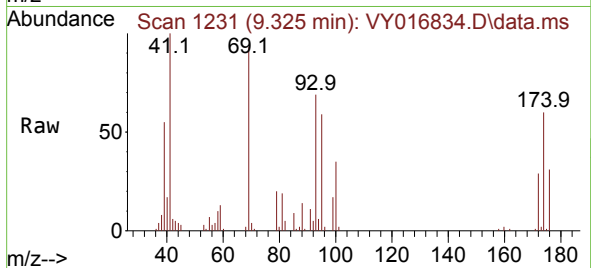
Tgt Ion: 88 Resp: 3138

Ion Ratio Lower Upper

88 100

43 33.0 28.2 42.4

58 66.4 52.2 78.2



#50

Toluene-d8

Concen: 57.208 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016834.D

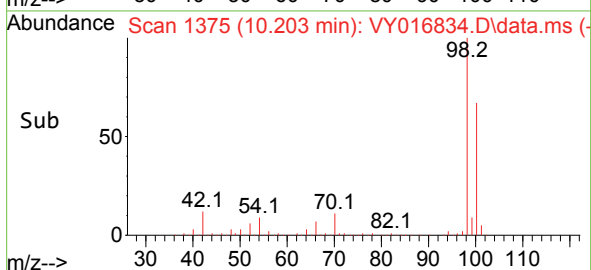
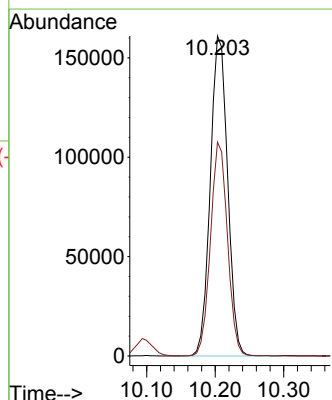
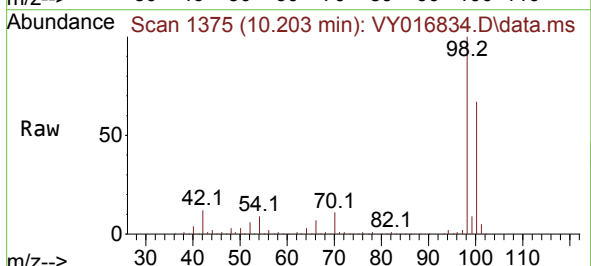
Acq: 23 Dec 2023 02:48

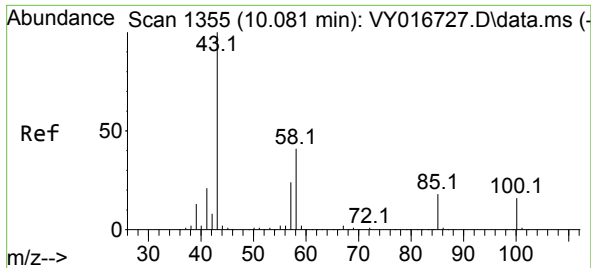
Tgt Ion: 98 Resp: 282368

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

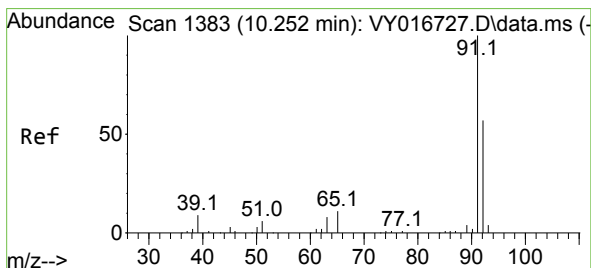
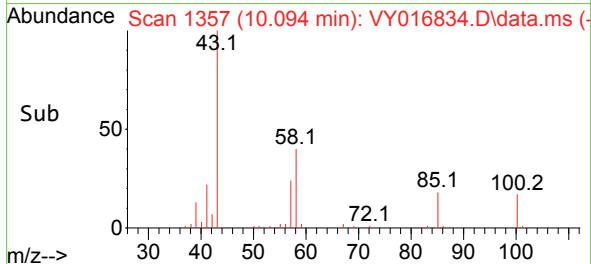
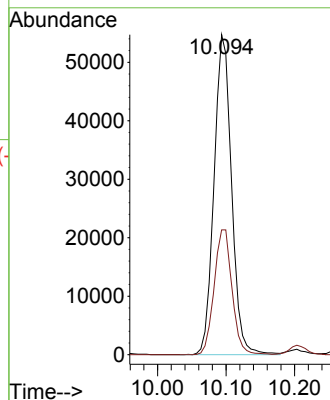
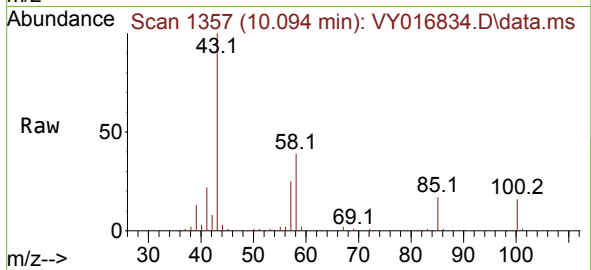




#51
4-Methyl-2-Pentanone
Concen: 99.553 ug/l
RT: 10.094 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

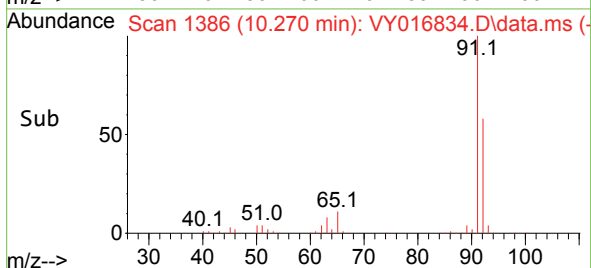
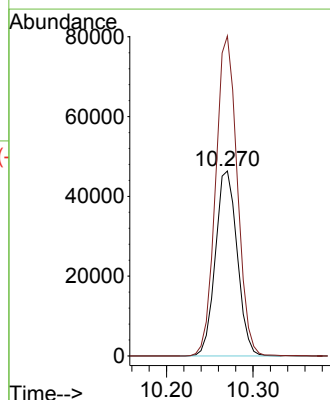
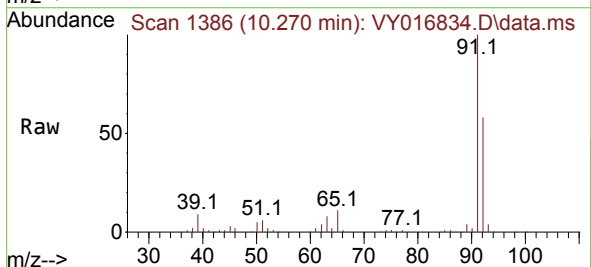
Instrument :
MSVOA_Y
ClientSampleId :

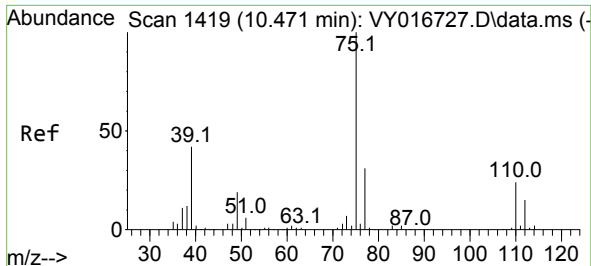
Tgt Ion: 43 Resp: 96927
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 21.171 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 92 Resp: 81041
Ion Ratio Lower Upper
92 100
91 171.4 137.6 206.4

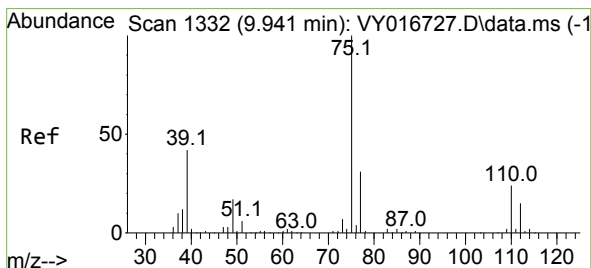
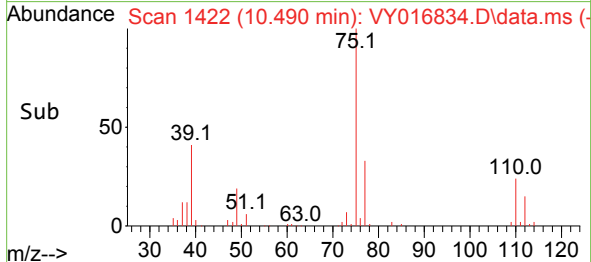
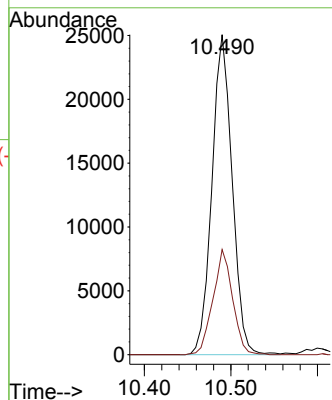
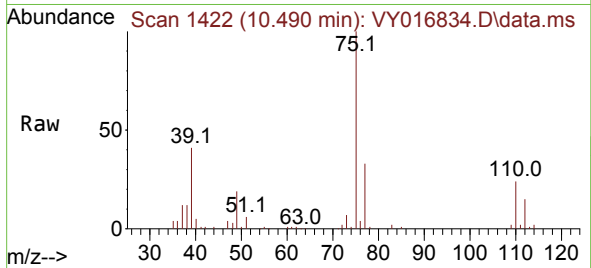




#53
 t-1,3-Dichloropropene
 Concen: 20.450 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

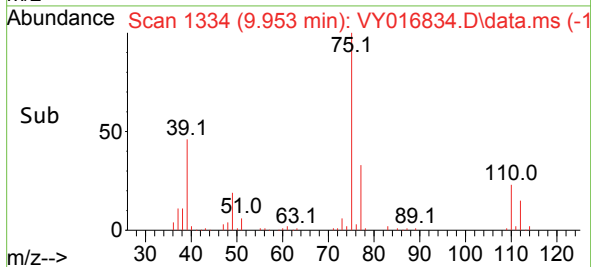
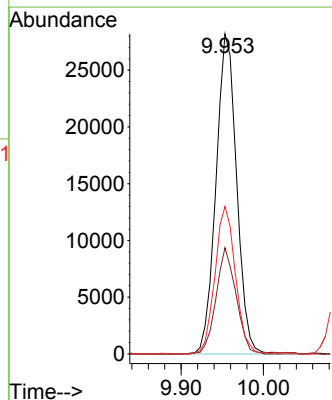
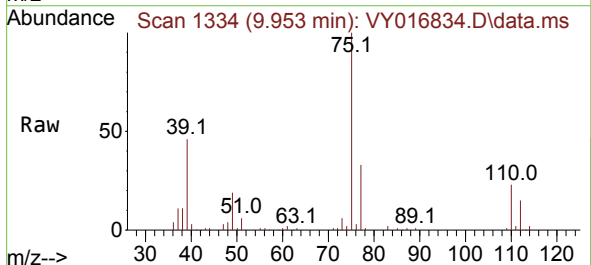
Instrument :
 MSVOA_Y
 ClientSampleId :

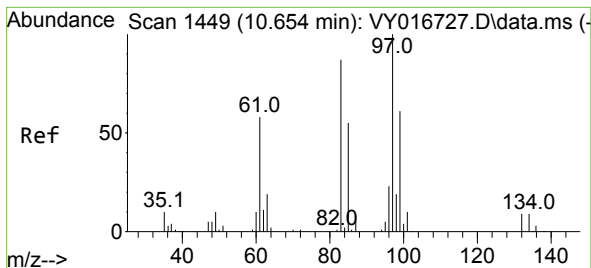
Tgt Ion: 75 Resp: 40683
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.502 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

Tgt Ion: 75 Resp: 49198
 Ion Ratio Lower Upper
 75 100
 77 33.2 24.6 36.8
 39 46.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.274 ug/l

RT: 10.667 min Scan# 1449

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25125

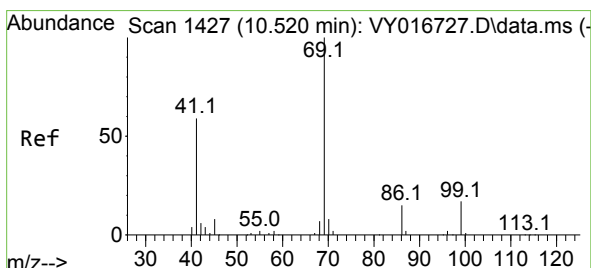
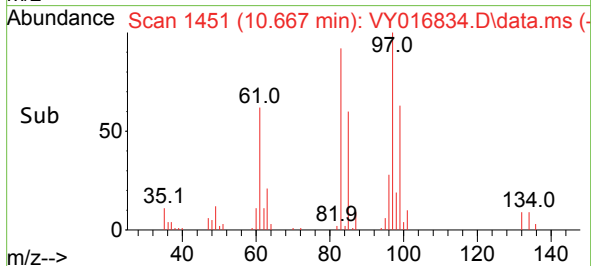
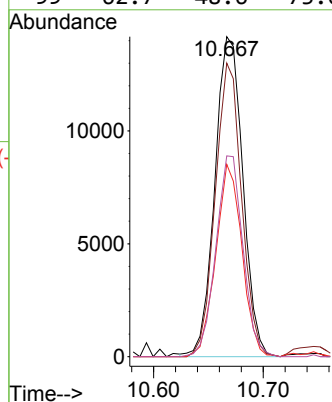
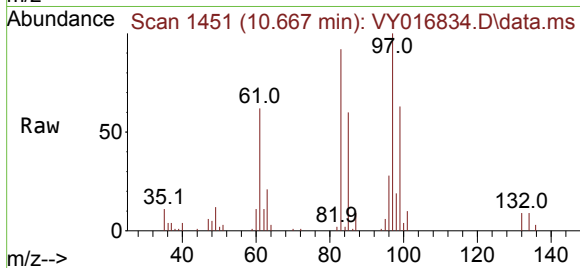
Ion Ratio Lower Upper

97 100

83 91.7 69.4 104.2

85 60.1 43.9 65.9

99 62.7 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.642 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

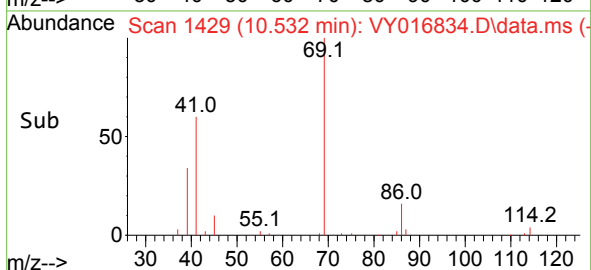
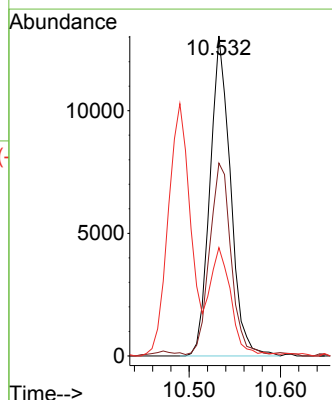
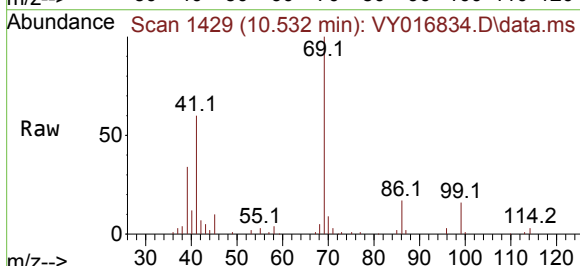
Tgt Ion: 69 Resp: 20399

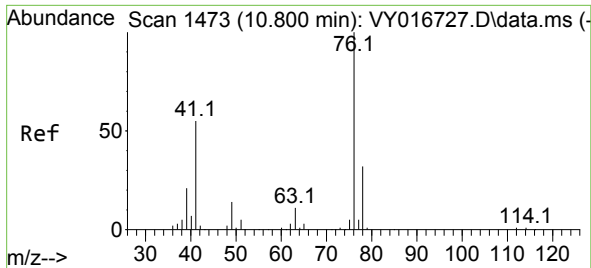
Ion Ratio Lower Upper

69 100

41 62.3 49.2 73.8

39 33.9 26.8 40.2

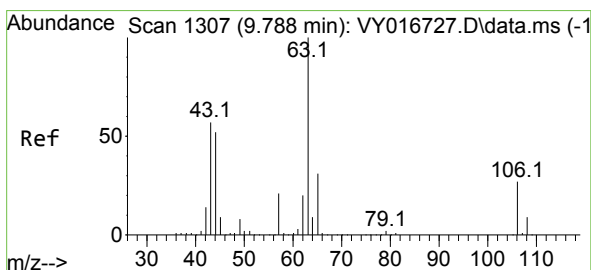
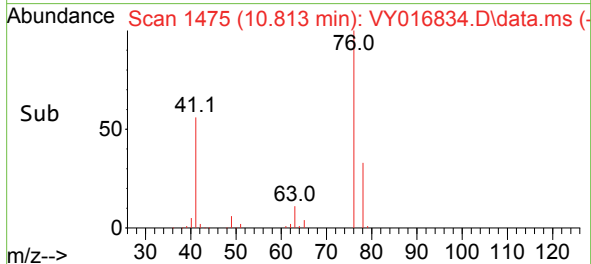
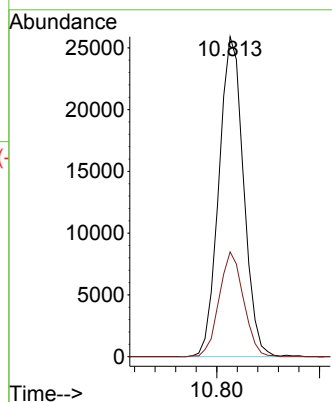
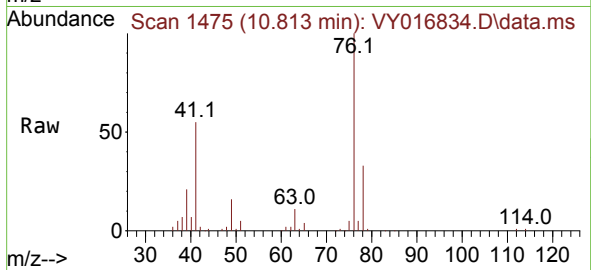




#57
1,3-Dichloropropane
Concen: 21.456 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

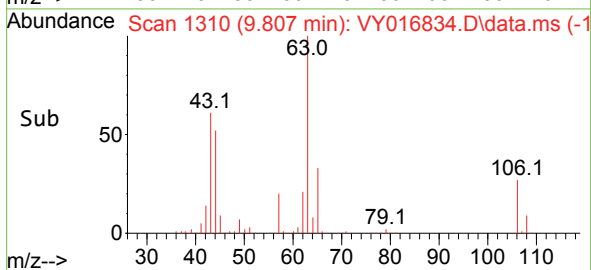
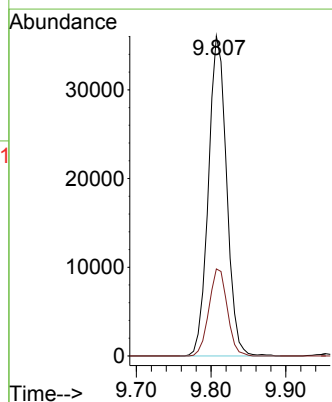
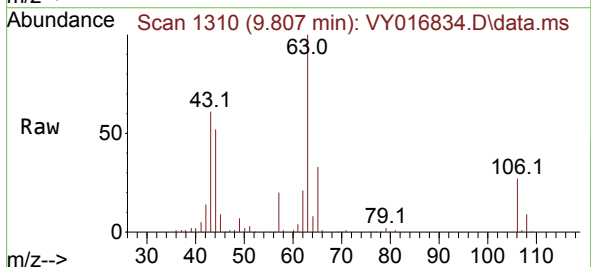
Instrument :
MSVOA_Y
ClientSampleId :

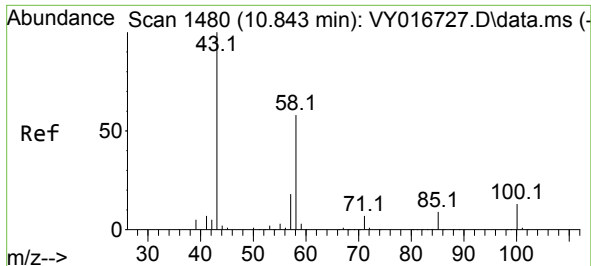
Tgt Ion: 76 Resp: 43040
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 109.207 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 63 Resp: 61011
Ion Ratio Lower Upper
63 100
106 27.3 22.4 33.6

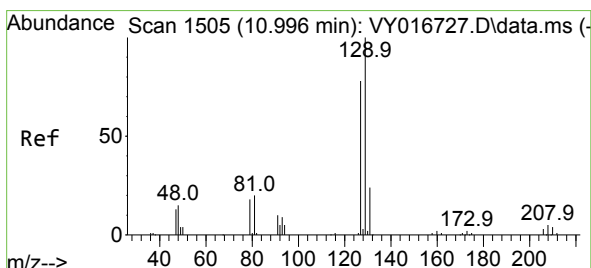
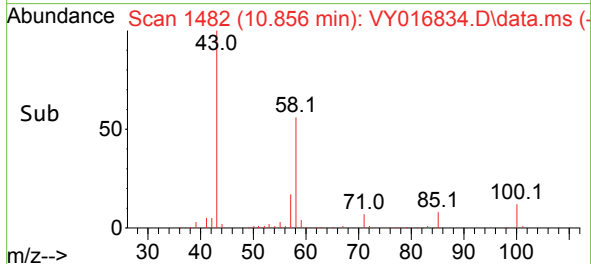
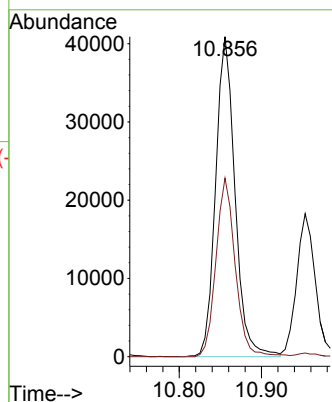
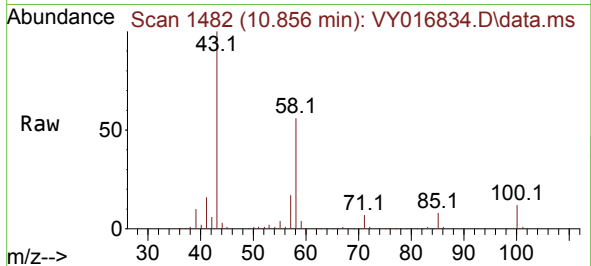




#59
2-Hexanone
Concen: 92.060 ug/l
RT: 10.856 min Scan# 1482
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

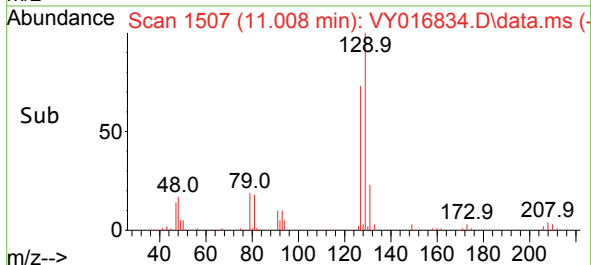
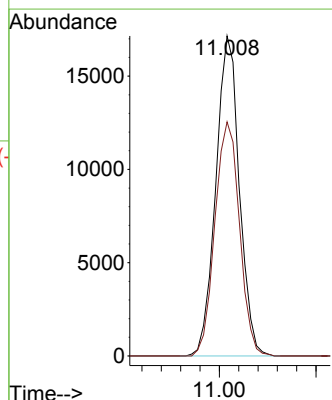
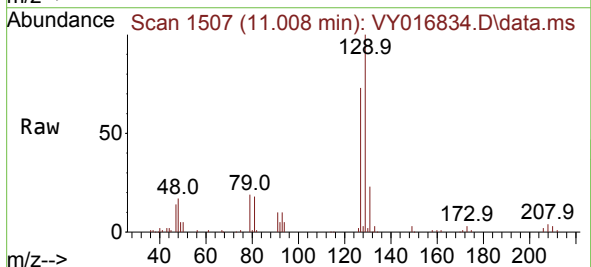
Instrument :
MSVOA_Y
ClientSampleId :

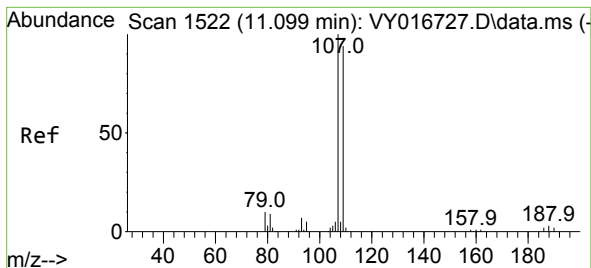
Tgt Ion: 43 Resp: 66835
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3



#60
Dibromochloromethane
Concen: 21.161 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 129 Resp: 28910
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 20.100 ug/l

RT: 11.112 min Scan# 1524

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

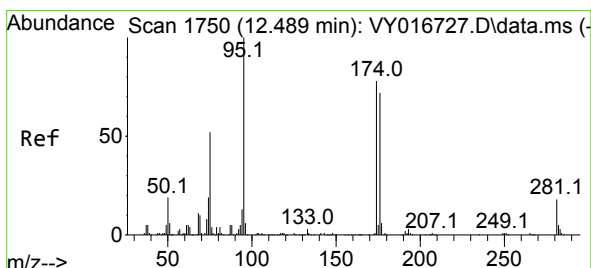
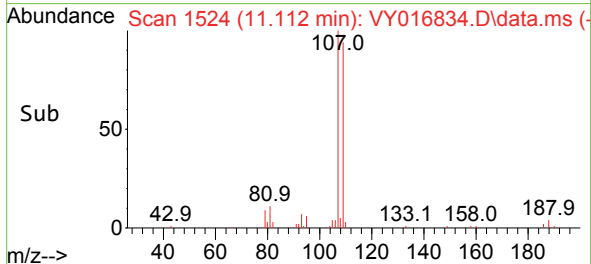
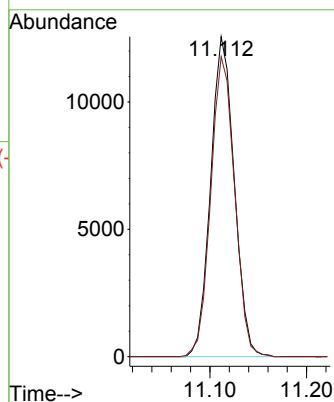
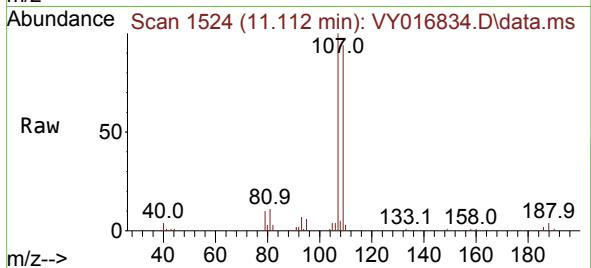
ClientSampleId :

Tgt Ion:107 Resp: 21289

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 55.747 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

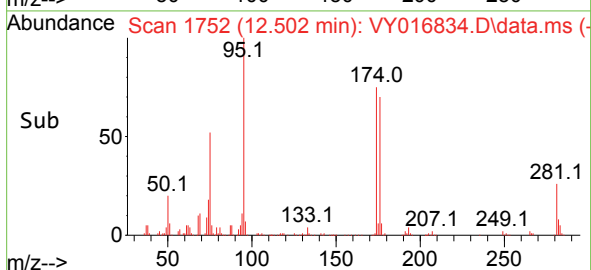
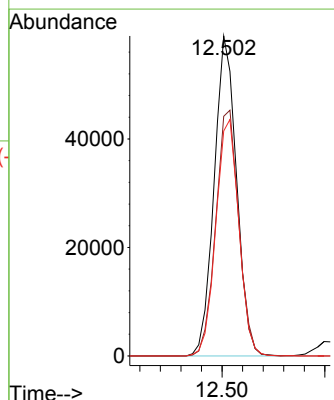
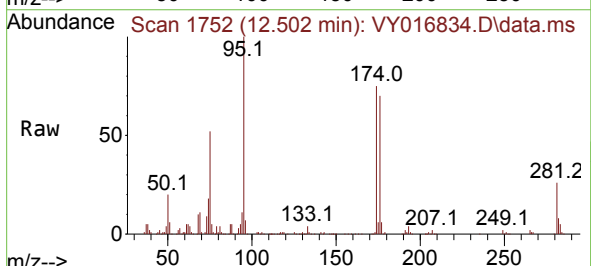
Tgt Ion: 95 Resp: 89269

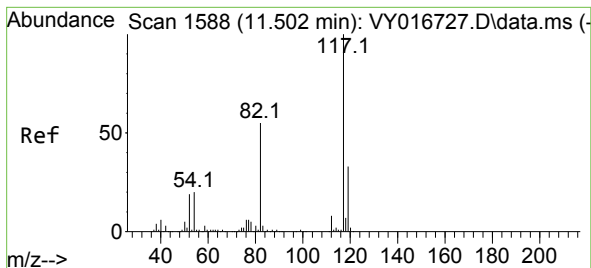
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 75.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

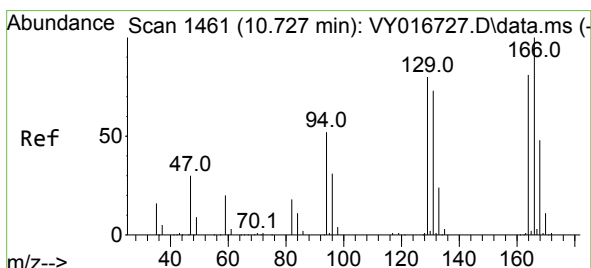
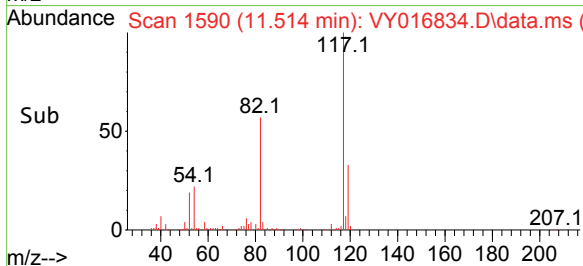
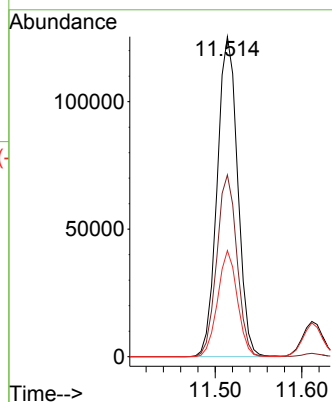
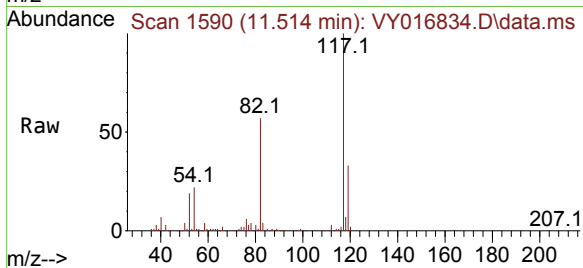
Tgt Ion:117 Resp: 205687

Ion Ratio Lower Upper

117 100

82 56.8 43.8 65.8

119 33.1 26.5 39.7



#64

Tetrachloroethene

Concen: 20.223 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Tgt Ion:164 Resp: 25839

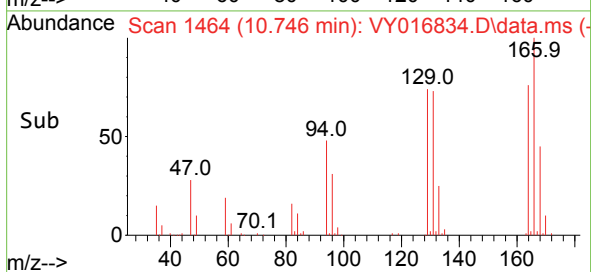
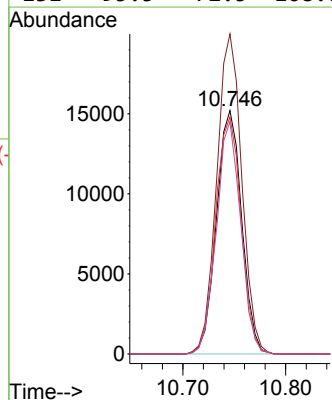
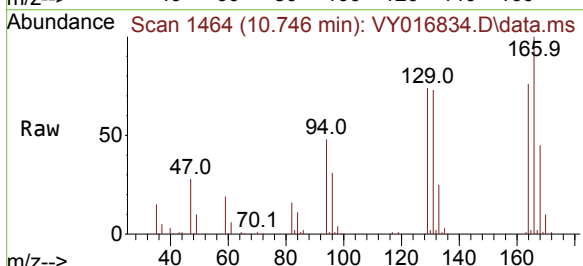
Ion Ratio Lower Upper

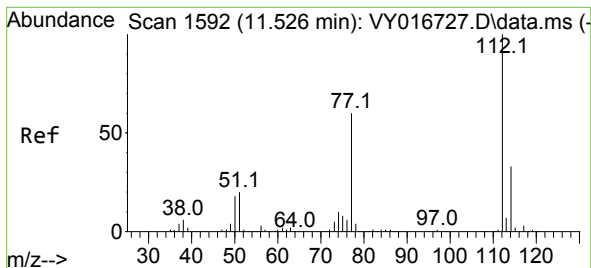
164 100

166 131.5 98.8 148.2

129 97.3 78.9 118.3

131 95.5 72.5 108.7





#65

Chlorobenzene

Concen: 20.860 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

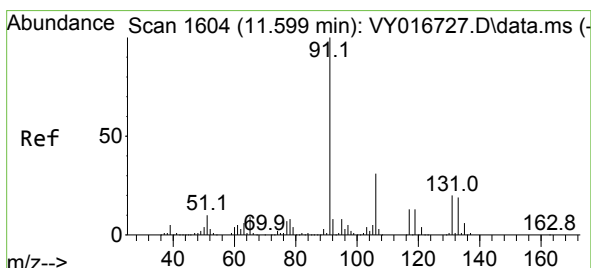
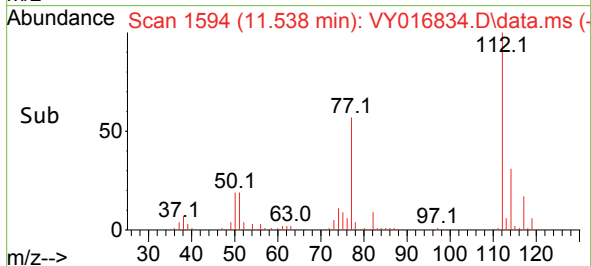
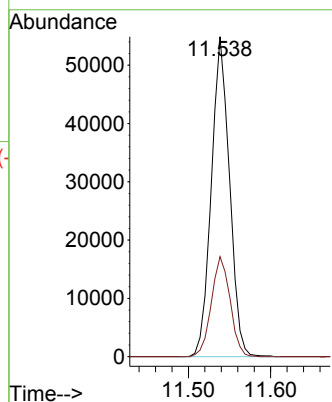
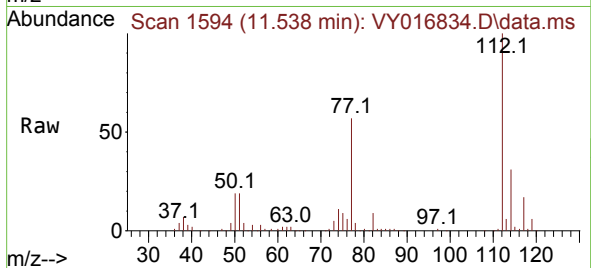
ClientSampleId :

Tgt Ion:112 Resp: 84299

Ion Ratio Lower Upper

112 100

114 31.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.709 ug/l

RT: 11.612 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

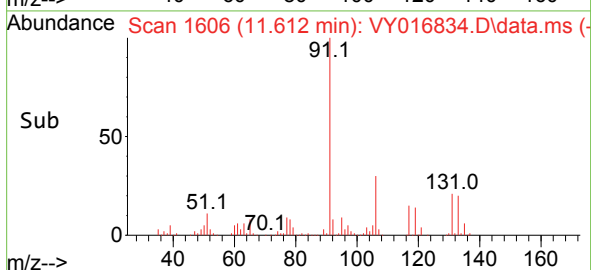
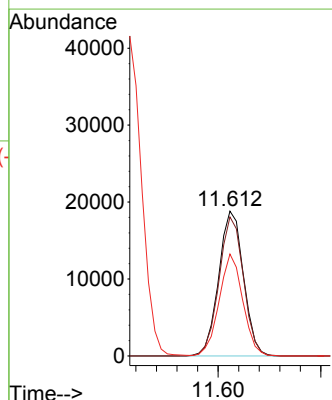
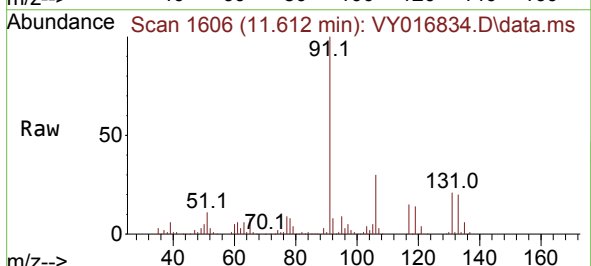
Tgt Ion:131 Resp: 31488

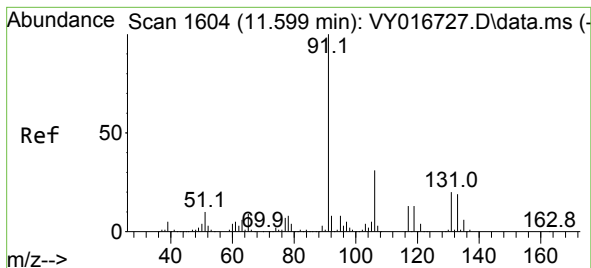
Ion Ratio Lower Upper

131 100

133 94.6 47.0 141.0

119 67.2 33.3 99.9





#67

Ethyl Benzene

Concen: 20.279 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

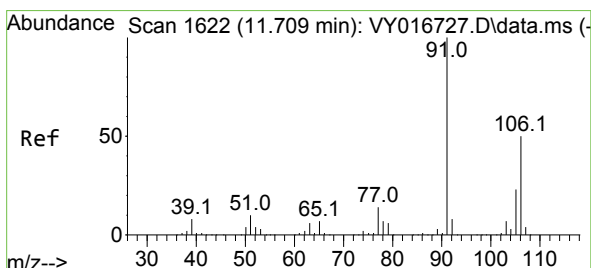
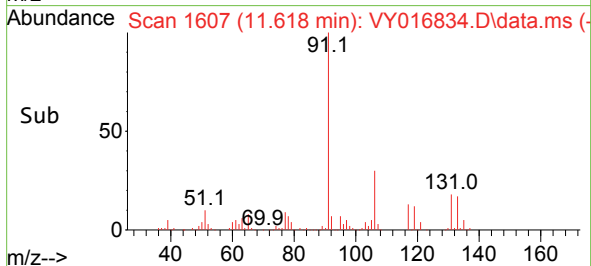
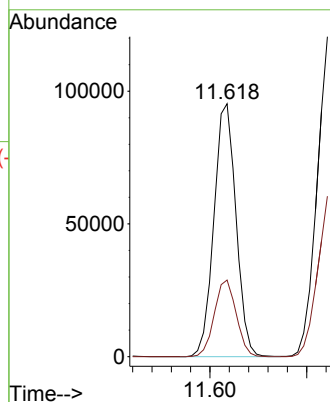
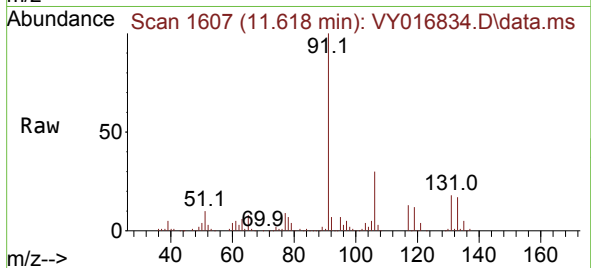
ClientSampleId :

Tgt Ion: 91 Resp: 150839

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 40.787 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016834.D

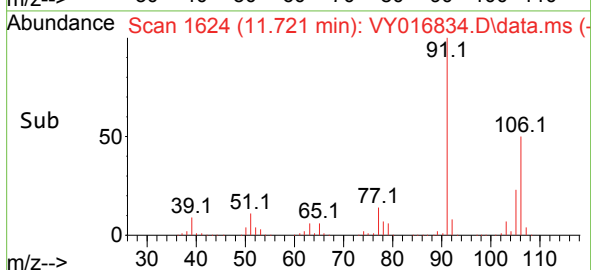
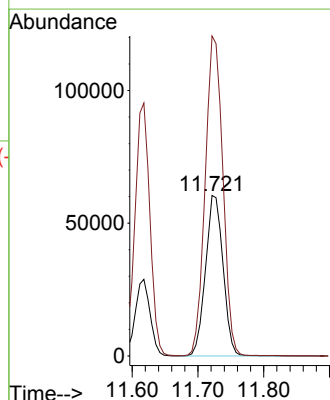
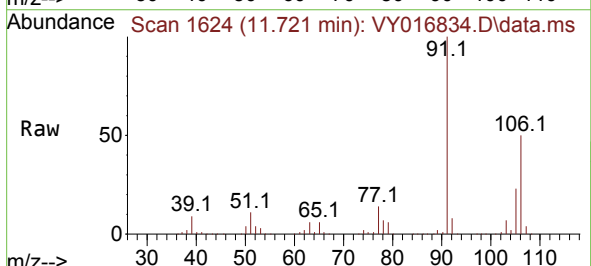
Acq: 23 Dec 2023 02:48

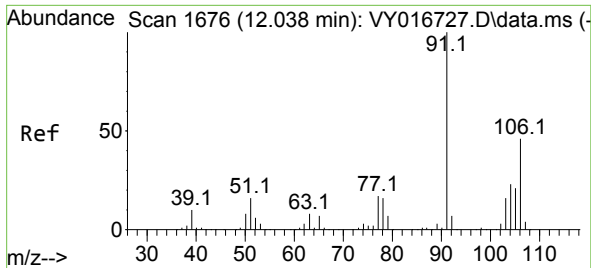
Tgt Ion:106 Resp: 112030

Ion Ratio Lower Upper

106 100

91 200.7 160.7 241.1





#69

o-Xylene

Concen: 20.332 ug/l

RT: 12.051 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

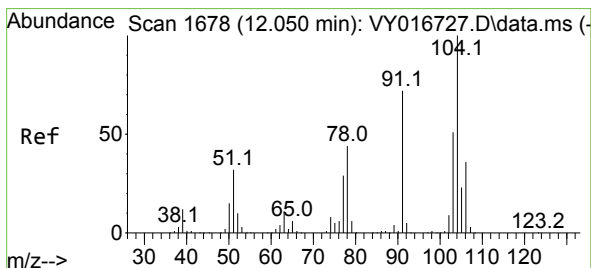
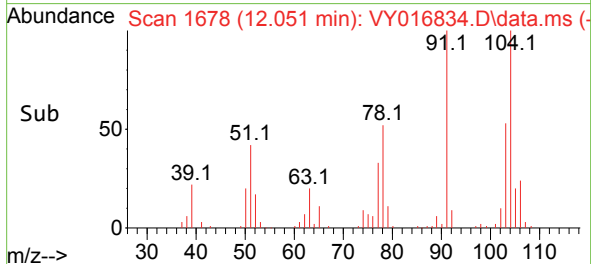
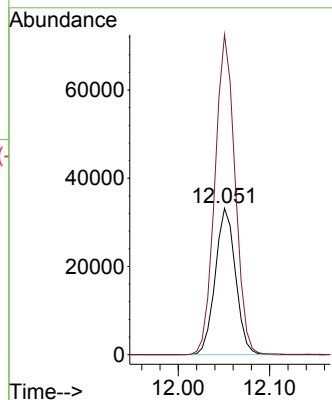
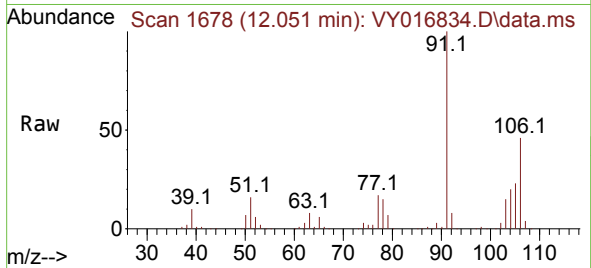
ClientSampleId :

Tgt Ion:106 Resp: 51234

Ion Ratio Lower Upper

106 100

91 217.5 106.5 319.5



#70

Styrene

Concen: 20.436 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

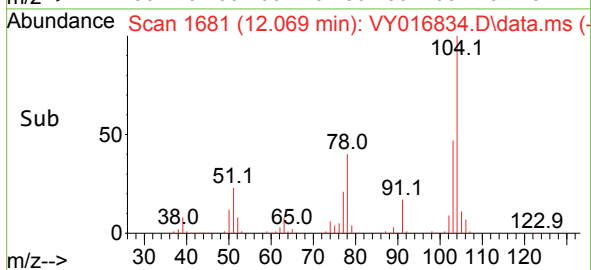
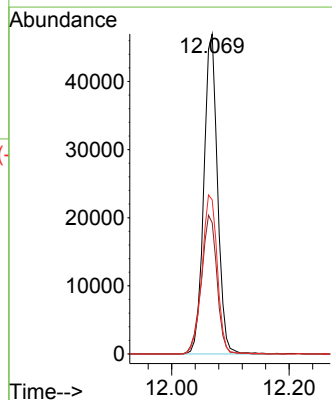
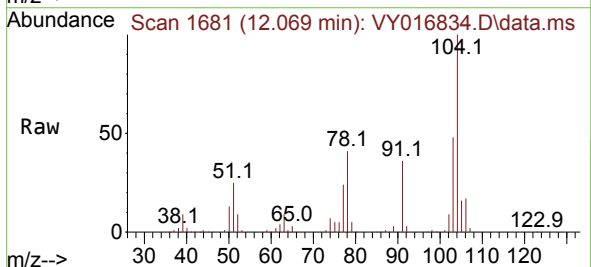
Tgt Ion:104 Resp: 76199

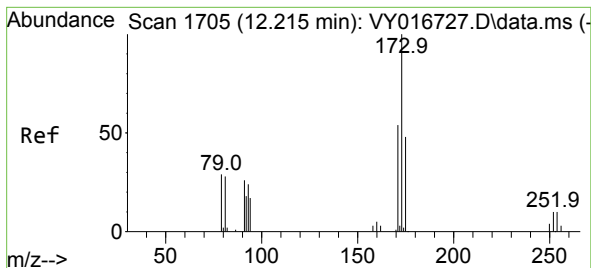
Ion Ratio Lower Upper

104 100

78 49.4 39.2 58.8

103 55.6 43.8 65.6





#71

Bromoform

Concen: 19.375 ug/l

RT: 12.233 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

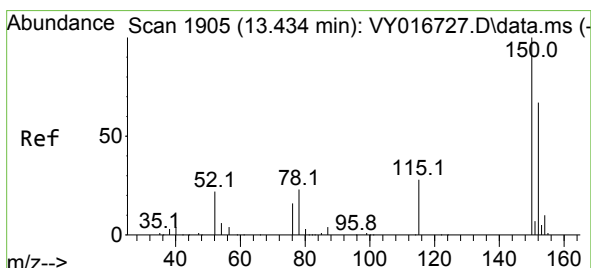
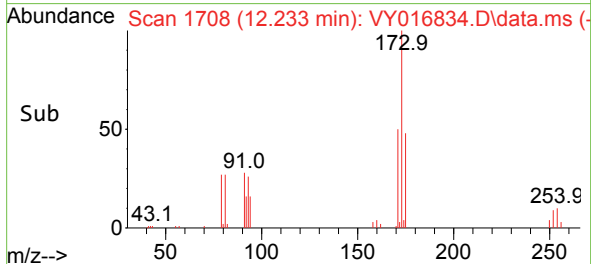
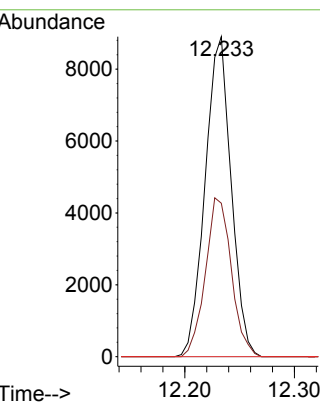
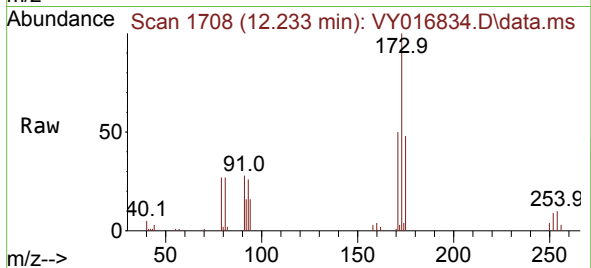
Tgt Ion:173 Resp: 14687

Ion Ratio Lower Upper

173 100

175 49.6 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

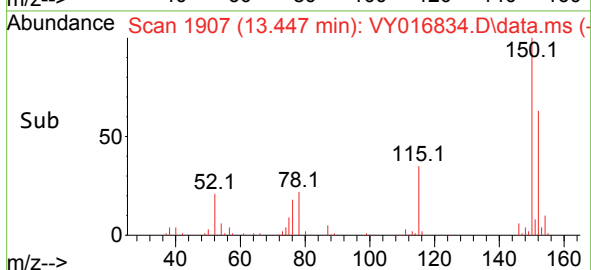
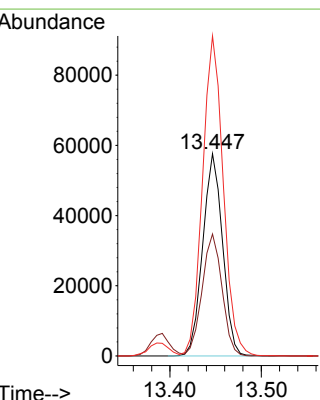
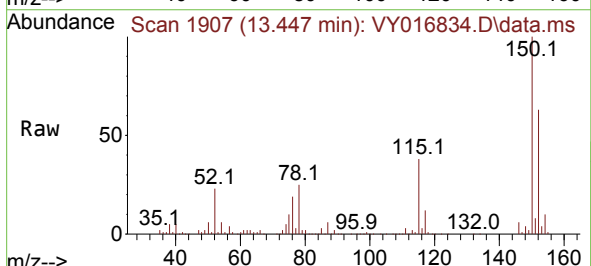
Tgt Ion:152 Resp: 86809

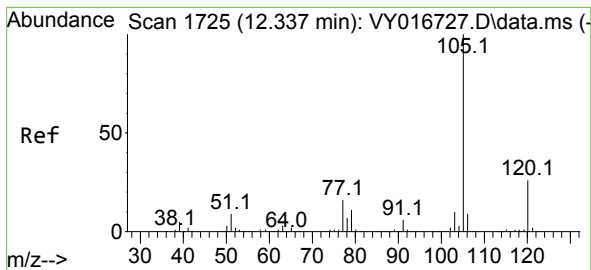
Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 165.5 0.0 344.6





#73

Isopropylbenzene

Concen: 20.471 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

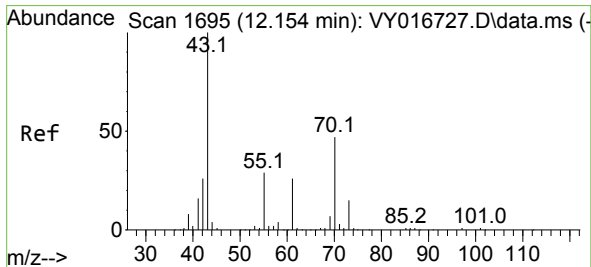
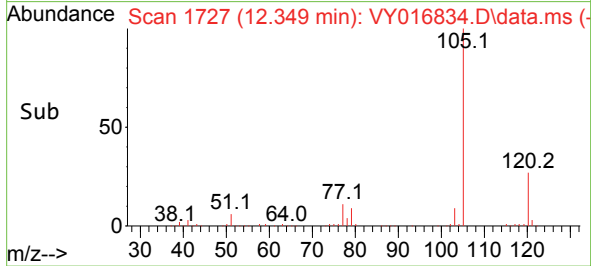
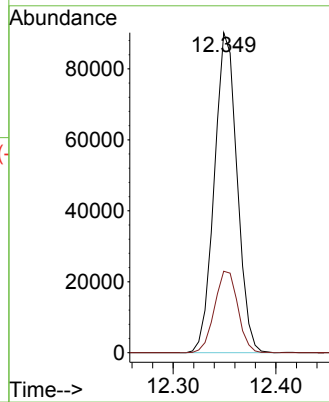
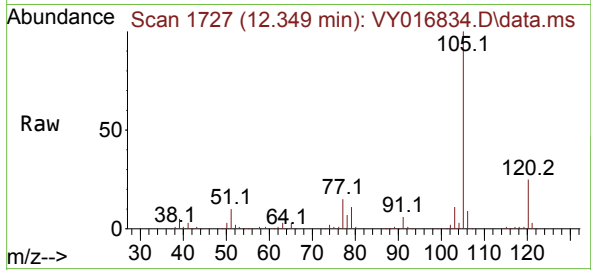
ClientSampleId :

Tgt Ion:105 Resp: 138401

Ion Ratio Lower Upper

105 100

120 26.1 13.0 39.0



#74

N-ethyl acetate

Concen: 19.619 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Tgt Ion: 43 Resp: 27836

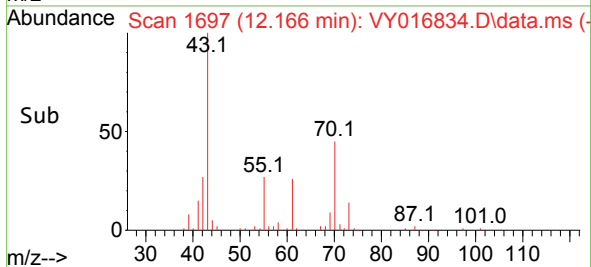
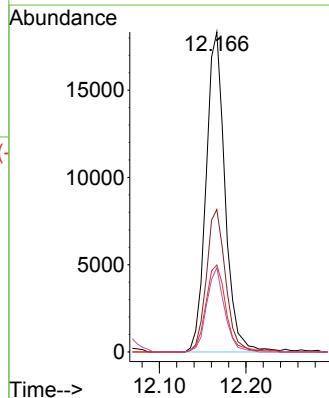
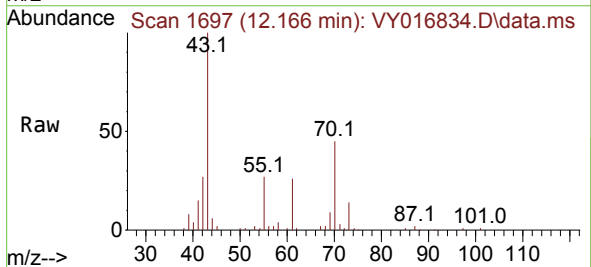
Ion Ratio Lower Upper

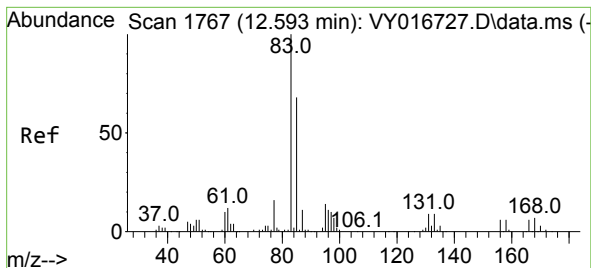
43 100

70 44.9 36.6 55.0

55 29.1 22.2 33.4

61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.906 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

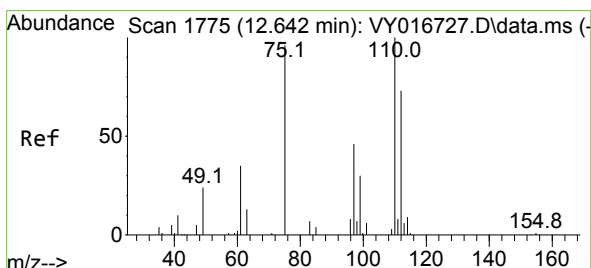
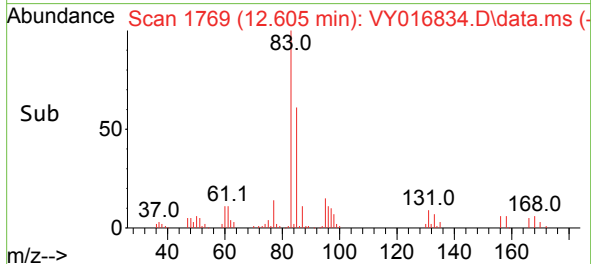
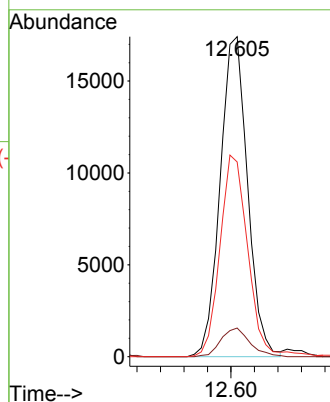
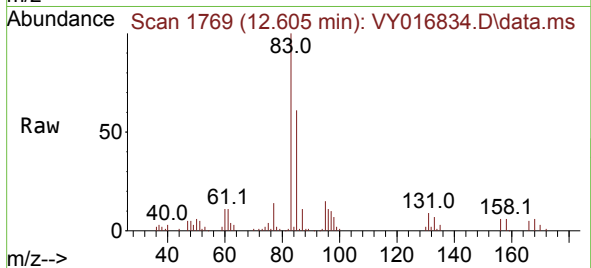
Tgt Ion: 83 Resp: 28245

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 34.372 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.013 min

Lab File: VY016834.D

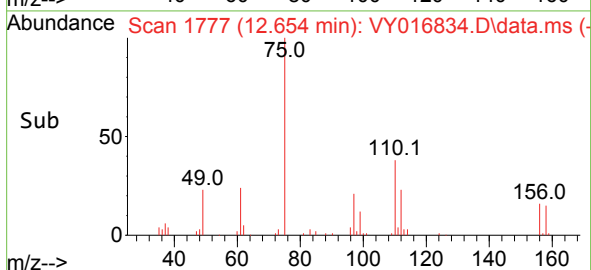
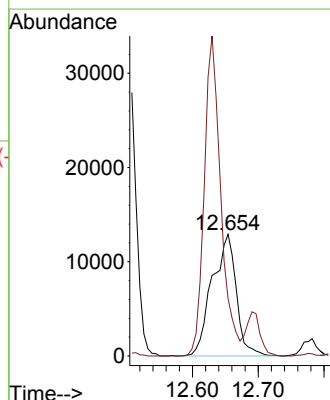
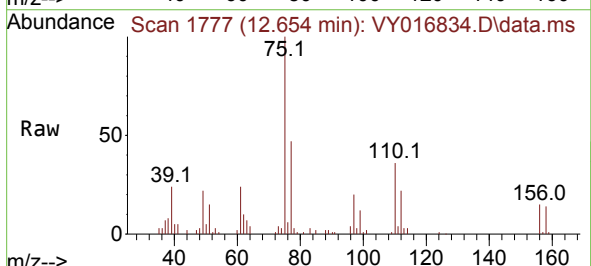
Acq: 23 Dec 2023 02:48

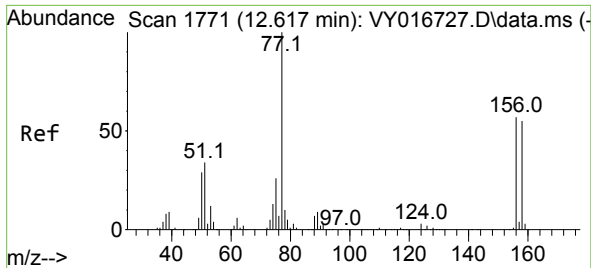
Tgt Ion: 75 Resp: 32984

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

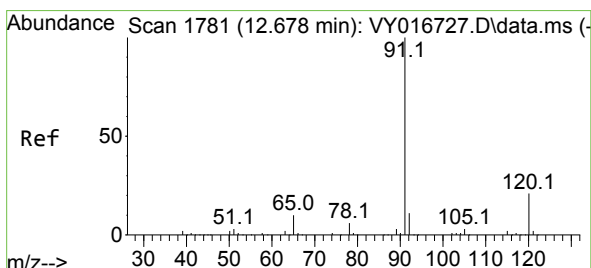
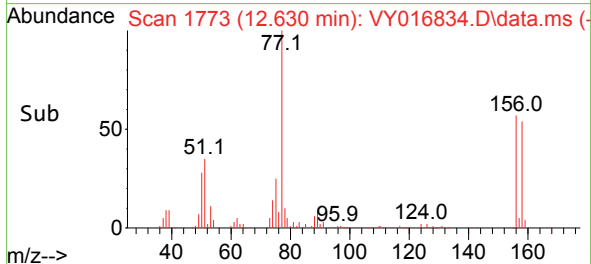
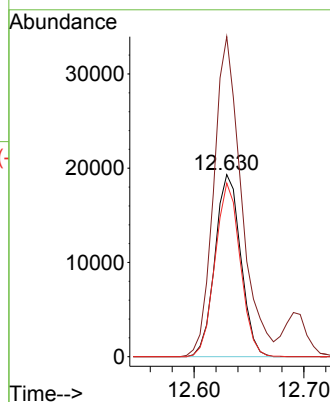
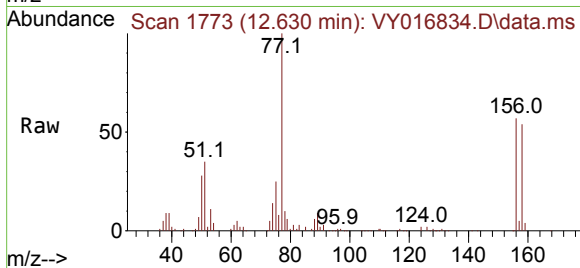




#77
Bromobenzene
Concen: 21.390 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

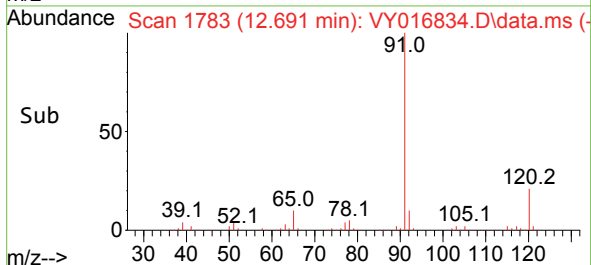
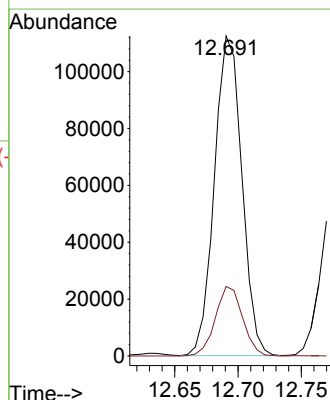
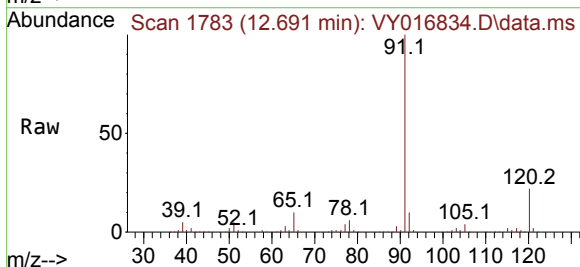
Instrument :
MSVOA_Y
ClientSampleId :

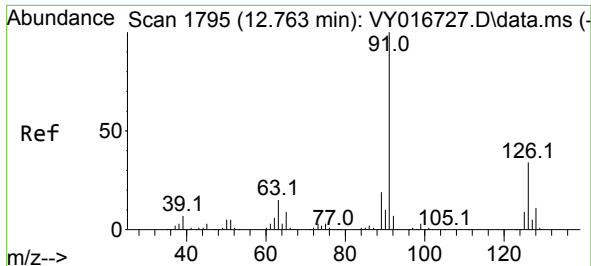
Tgt Ion	Ratio	Lower	Upper
156	100		
77	188.7	97.3	291.8
158	93.3	48.4	145.0



#78
n-propylbenzene
Concen: 20.706 ug/l
RT: 12.691 min Scan# 1783
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.0	33.0





#79

2-Chlorotoluene

Concen: 21.268 ug/l

RT: 12.776 min Scan# 1795

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

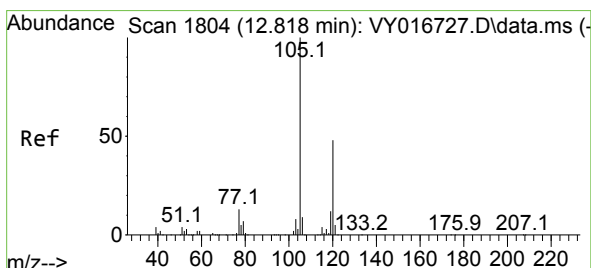
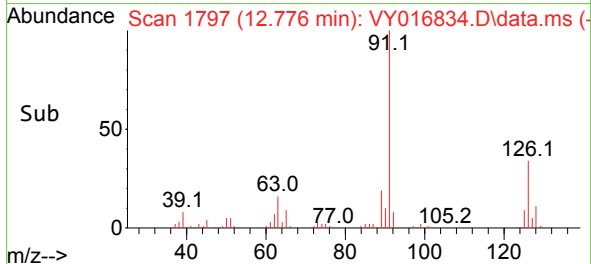
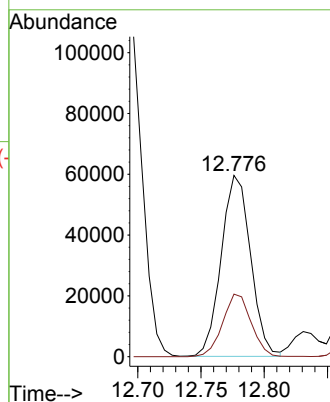
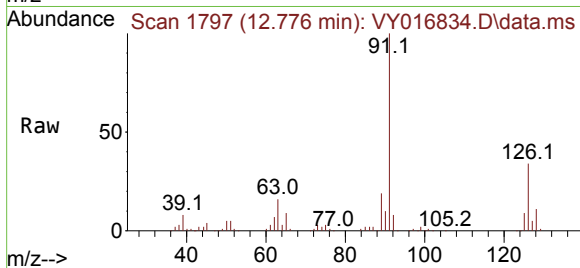
ClientSampleId :

Tgt Ion: 91 Resp: 96398

Ion Ratio Lower Upper

91 100

126 33.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.267 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY016834.D

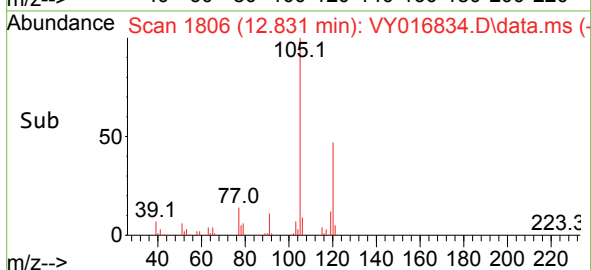
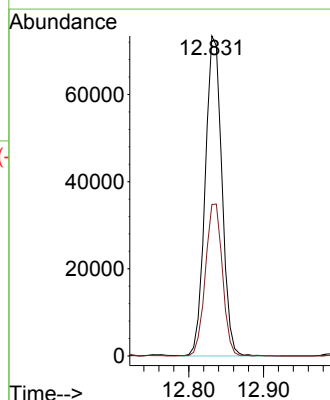
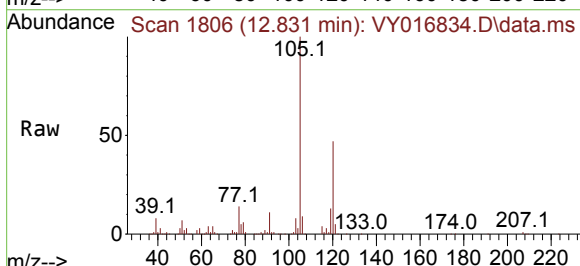
Acq: 23 Dec 2023 02:48

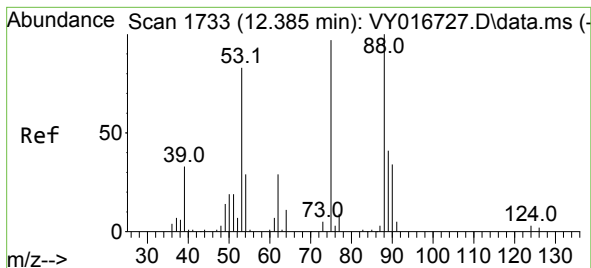
Tgt Ion:105 Resp: 113816

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8

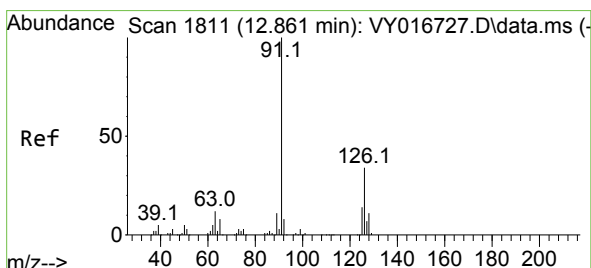
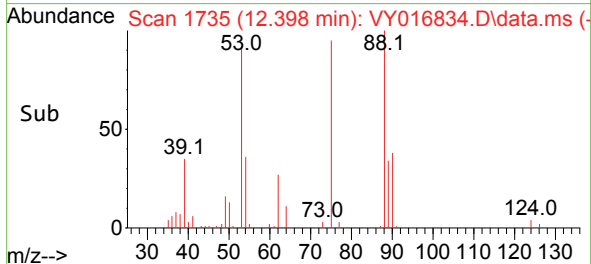
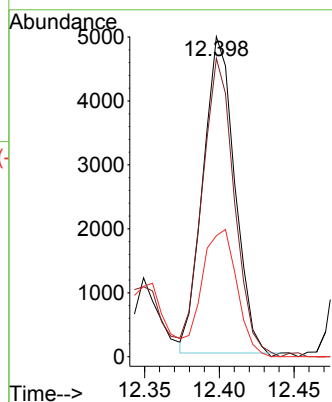
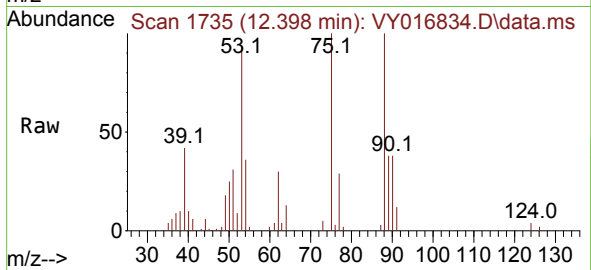




#81
trans-1,4-Dichloro-2-butene
Concen: 17.816 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

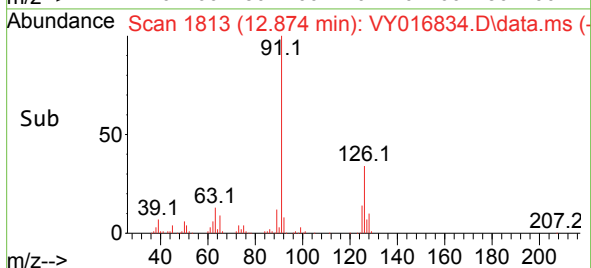
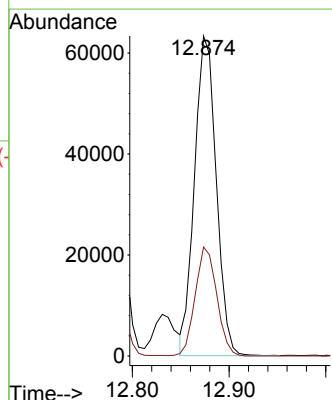
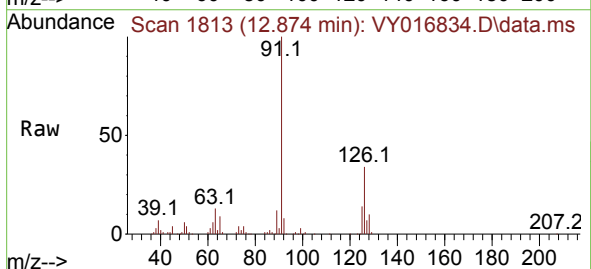
Instrument :
MSVOA_Y
ClientSampleId :

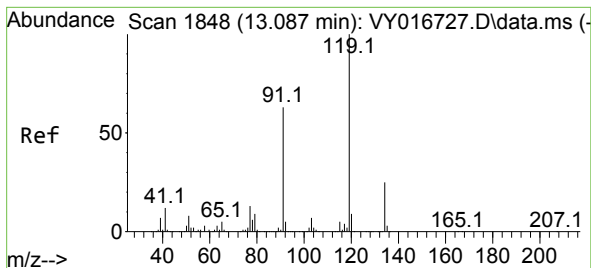
Tgt Ion: 75 Resp: 7280
Ion Ratio Lower Upper
75 100
53 96.0 74.0 111.0
89 44.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.264 ug/l
RT: 12.874 min Scan# 1813
Delta R.T. 0.013 min
Lab File: VY016834.D
Acq: 23 Dec 2023 02:48

Tgt Ion: 91 Resp: 98876
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.597 ug/l

RT: 13.093 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

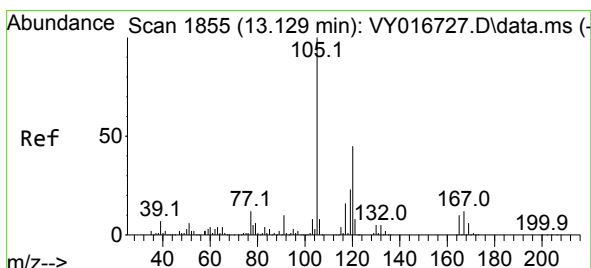
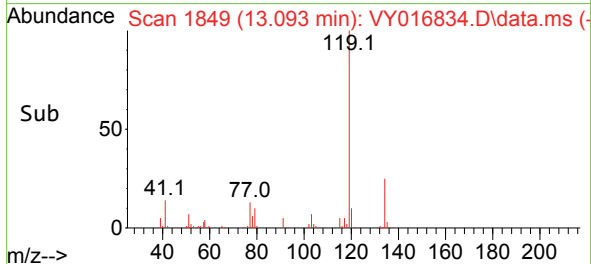
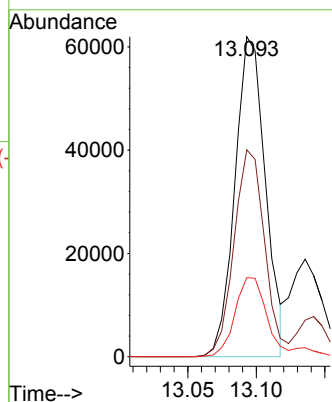
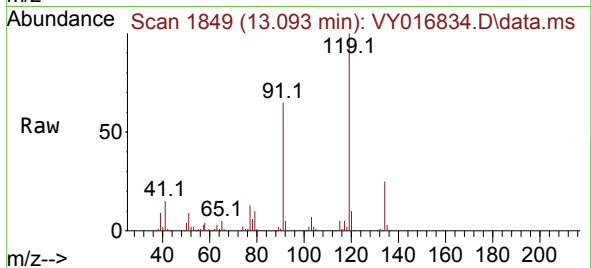
Tgt Ion:119 Resp: 95880

Ion Ratio Lower Upper

119 100

91 65.2 31.5 94.5

134 27.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.161 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.013 min

Lab File: VY016834.D

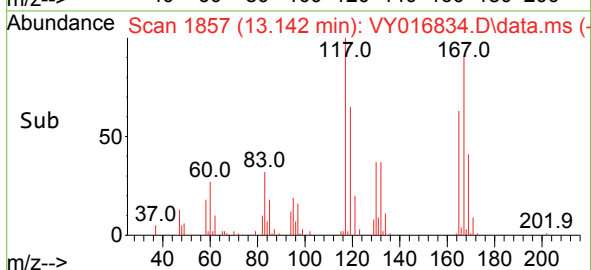
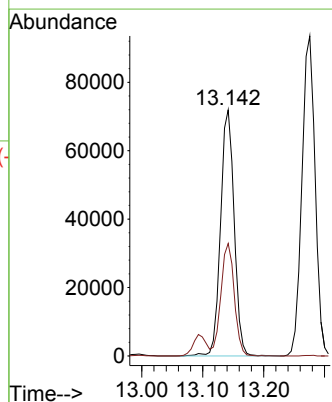
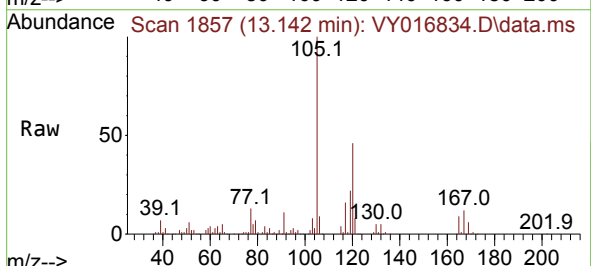
Acq: 23 Dec 2023 02:48

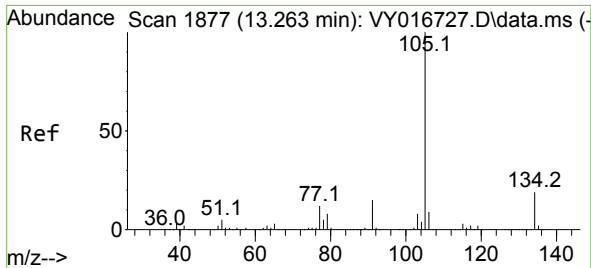
Tgt Ion:105 Resp: 111672

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3

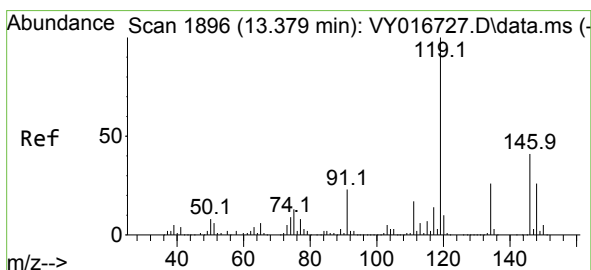
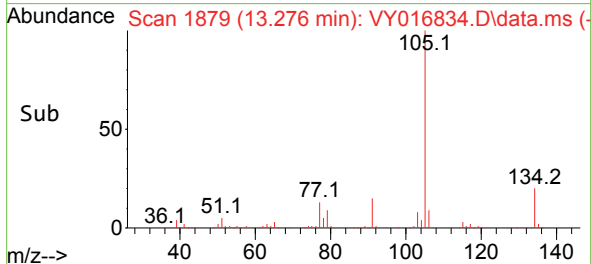
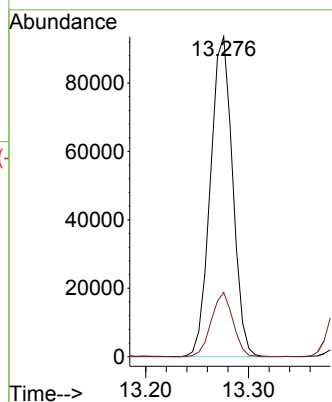
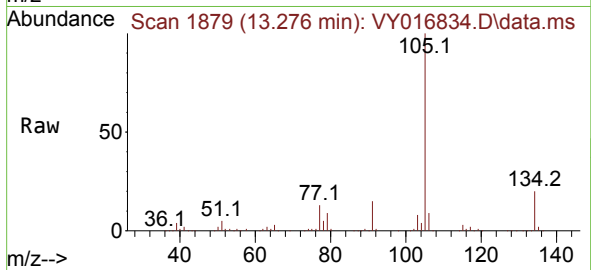




#85
 sec-Butylbenzene
 Concen: 20.377 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

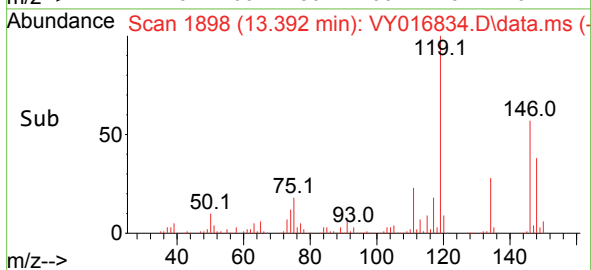
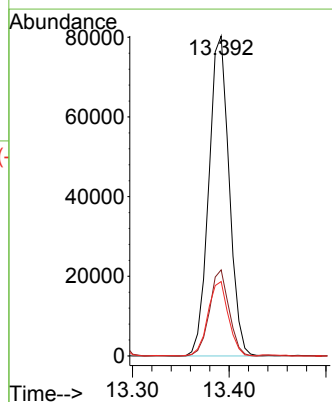
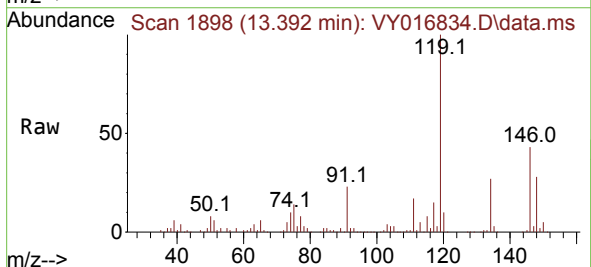
Instrument :
 MSVOA_Y
 ClientSampleId :

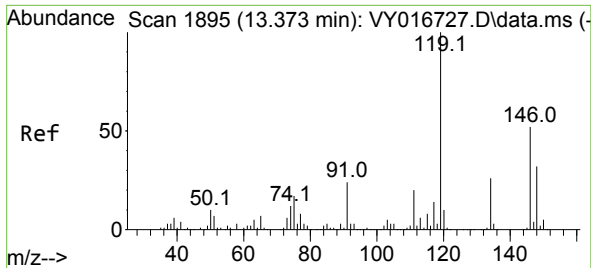
Tgt Ion:105 Resp: 140502
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 20.471 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.013 min
 Lab File: VY016834.D
 Acq: 23 Dec 2023 02:48

Tgt Ion:119 Resp: 117550
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.637 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

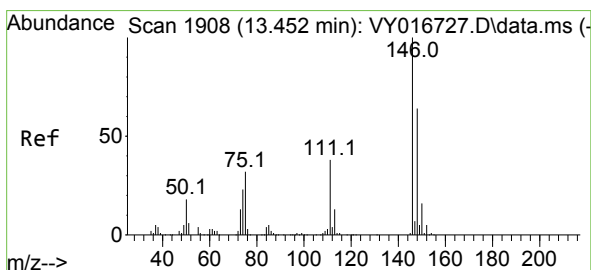
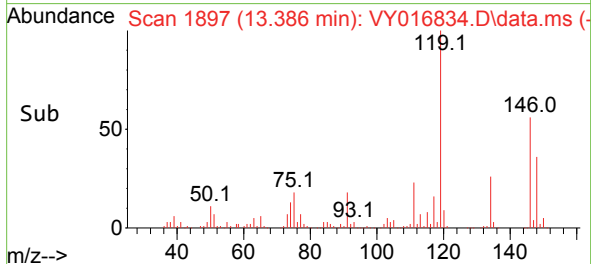
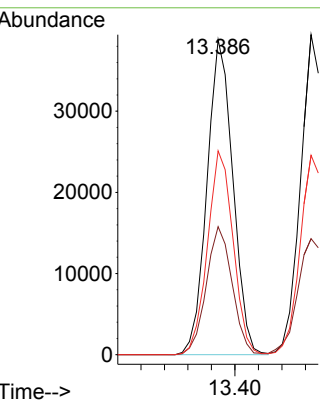
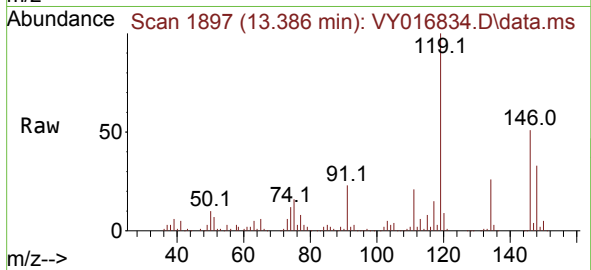
Tgt Ion:146 Resp: 59483

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.938 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

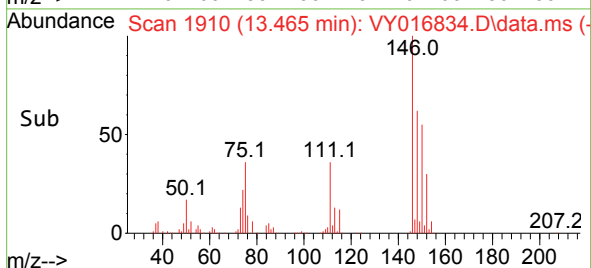
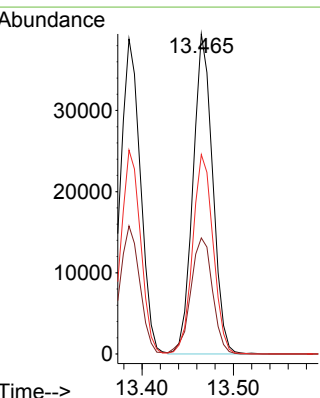
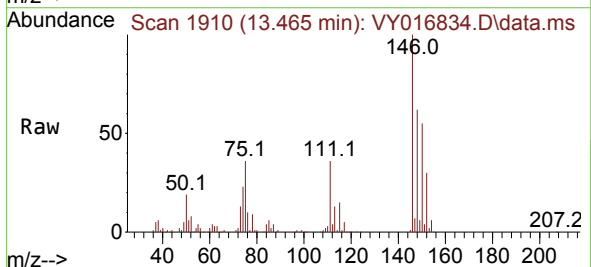
Tgt Ion:146 Resp: 58932

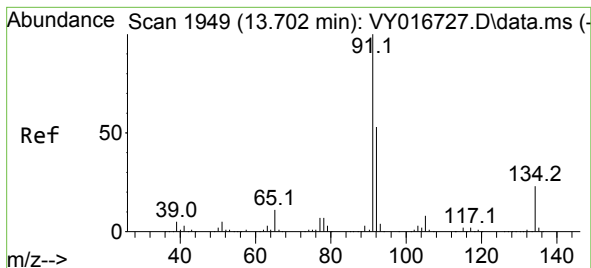
Ion Ratio Lower Upper

146 100

111 40.0 19.3 57.9

148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 20.034 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

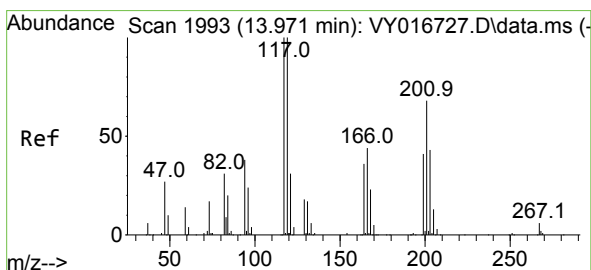
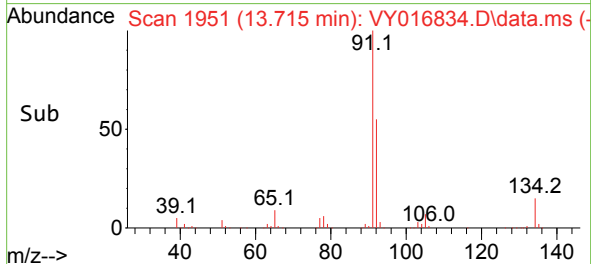
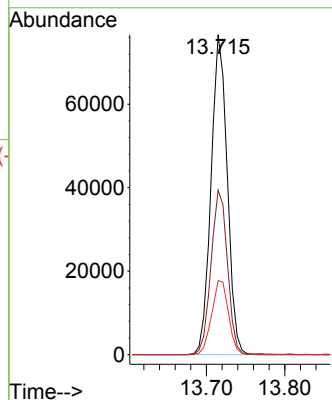
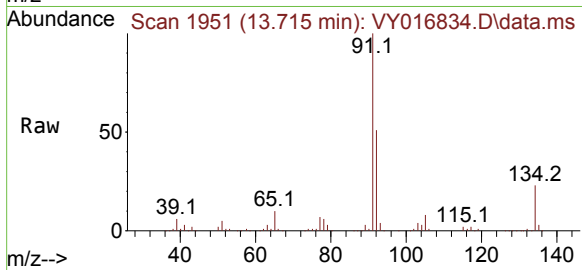
Tgt Ion: 91 Resp: 109970

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 20.812 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.013 min

Lab File: VY016834.D

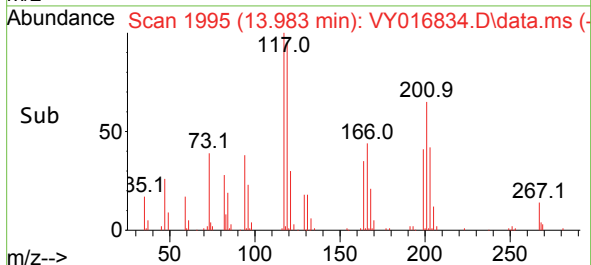
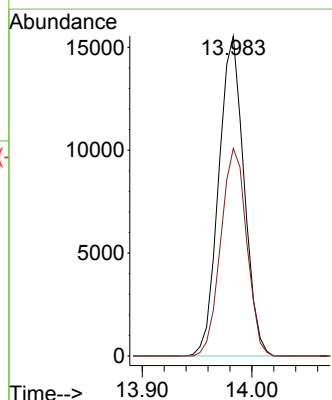
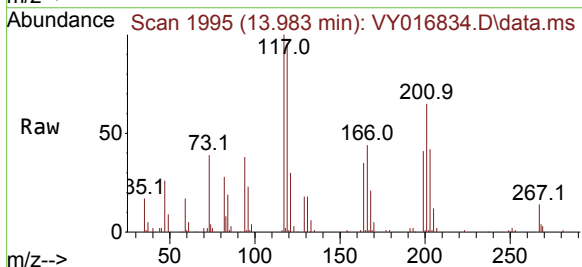
Acq: 23 Dec 2023 02:48

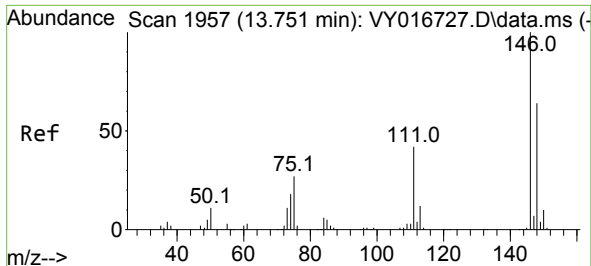
Tgt Ion: 117 Resp: 24884

Ion Ratio Lower Upper

117 100

201 66.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.261 ug/l

RT: 13.758 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

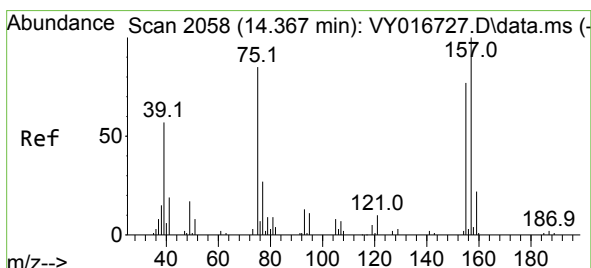
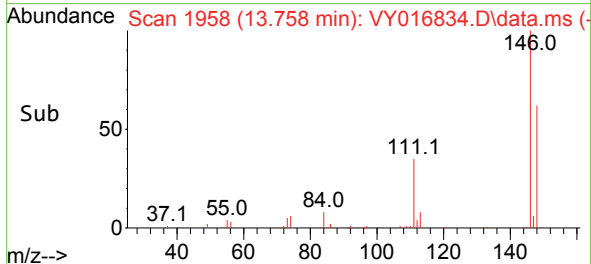
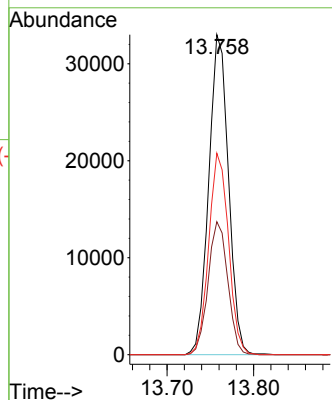
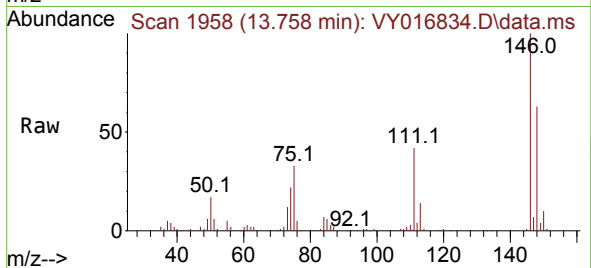
Tgt Ion:146 Resp: 52207

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 63.1 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.529 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

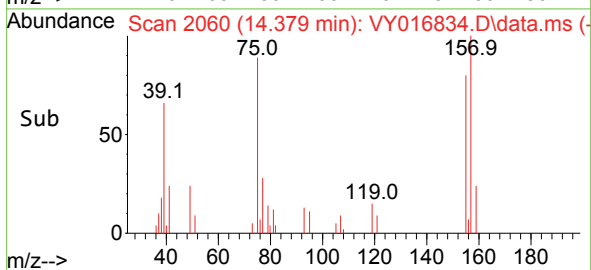
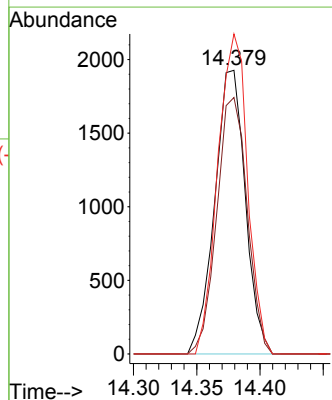
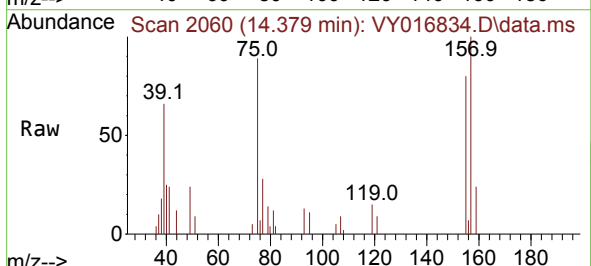
Tgt Ion: 75 Resp: 3245

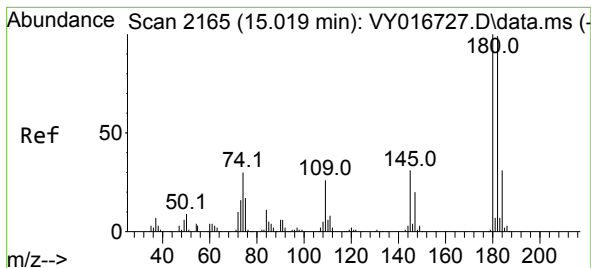
Ion Ratio Lower Upper

75 100

155 89.7 42.1 126.3

157 109.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.101 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

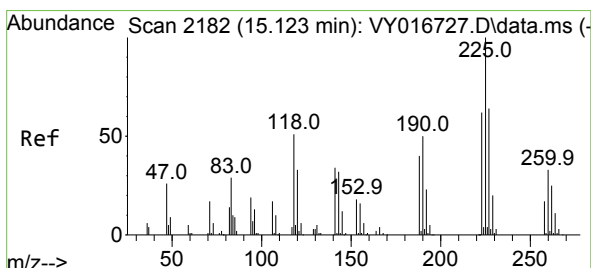
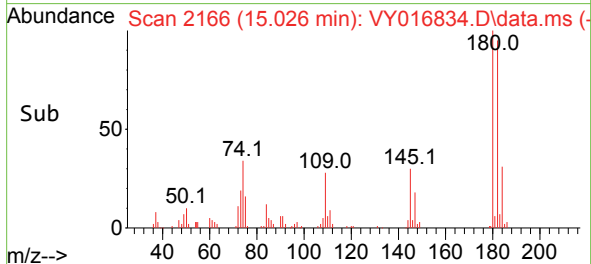
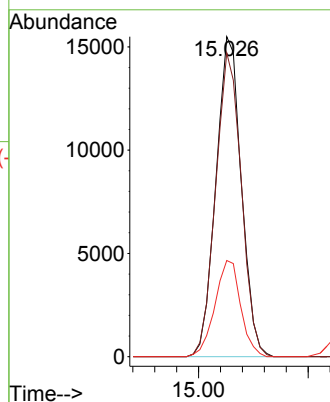
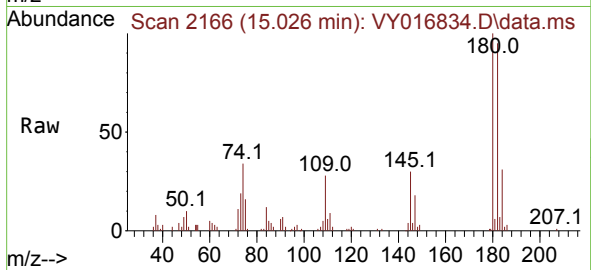
Tgt Ion:180 Resp: 24888

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.820 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

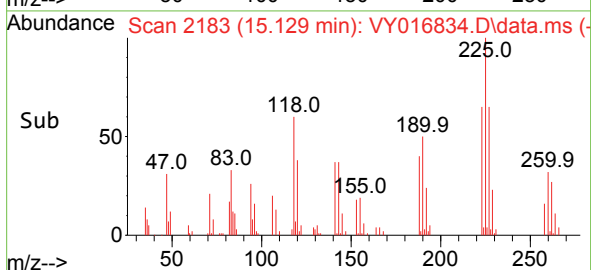
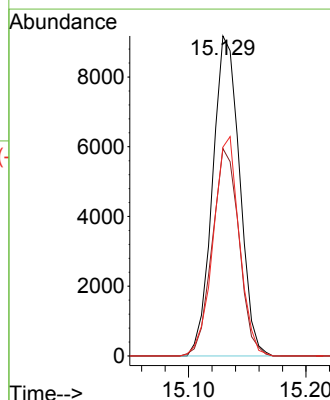
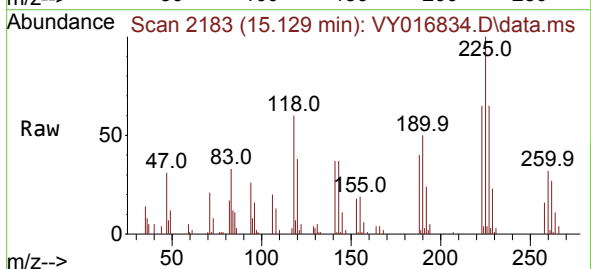
Tgt Ion:225 Resp: 14668

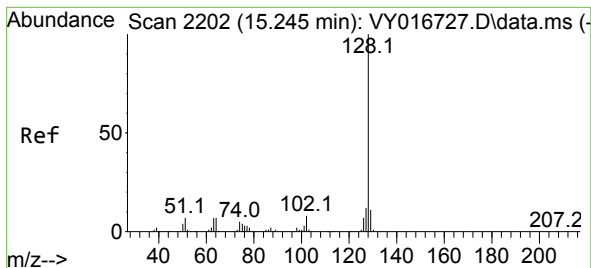
Ion Ratio Lower Upper

225 100

223 64.1 31.4 94.3

227 66.0 32.3 96.8





#95

Naphthalene

Concen: 18.427 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016834.D

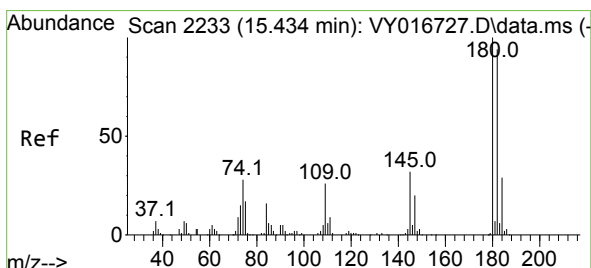
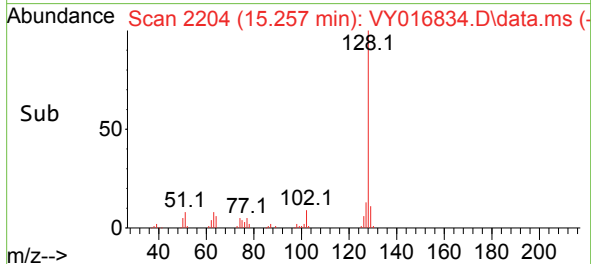
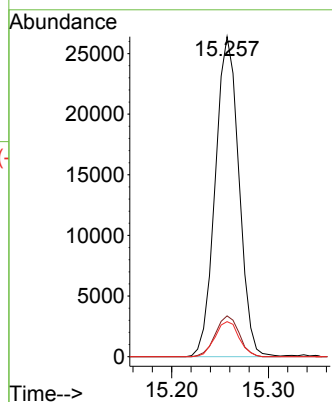
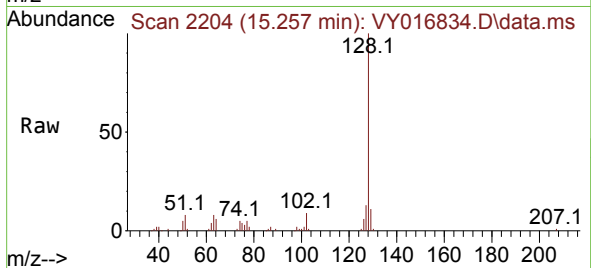
Acq: 23 Dec 2023 02:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	44827
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	11.2	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.084 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.013 min

Lab File: VY016834.D

Acq: 23 Dec 2023 02:48

Tgt Ion:180	Resp:	21177
Ion Ratio	Lower	Upper
180	100	
182	97.3	46.3 138.8
145	32.7	16.1 48.2

