

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016738.D
 Acq On : 21 Dec 2023 04:09
 Operator : SY/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 04:19:39 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	7.819	168	147155	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	267292	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	230187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	77065	57.367	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.740%	
35) Dibromofluoromethane	7.746	113	79023	51.611	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.203	98	284970	51.630	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.501	95	91162	50.909	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	25515	20.289	ug/l	99
3) Chloromethane	2.131	50	40517	20.960	ug/l	99
4) Vinyl Chloride	2.272	62	44487	20.375	ug/l	99
5) Bromomethane	2.674	94	33951	21.832	ug/l	100
6) Chloroethane	2.814	64	31559	21.331	ug/l	98
7) Trichlorofluoromethane	3.149	101	49945	19.636	ug/l	95
8) Diethyl Ether	3.558	74	18919	23.252	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.930	101	30528	19.566	ug/l	98
10) Methyl Iodide	4.125	142	34660	21.318	ug/l	99
11) Tert butyl alcohol	4.997	59	13855	125.790	ug/l	97
12) 1,1-Dichloroethene	3.905	96	29254	21.058	ug/l	97
13) Acrolein	3.759	56	12285	144.558	ug/l	96
14) Allyl chloride	4.521	41	47087	22.129	ug/l	98
15) Acrylonitrile	5.198	53	41568	120.635	ug/l	99
16) Acetone	3.979	43	42613	117.306	ug/l	97
17) Carbon Disulfide	4.229	76	76934	20.353	ug/l	99
18) Methyl Acetate	4.509	43	33322	23.472	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	82168	22.987	ug/l	100
20) Methylene Chloride	4.753	84	49104	24.604	ug/l	100
21) trans-1,2-Dichloroethene	5.259	96	35047	22.120	ug/l	94
22) Diisopropyl ether	6.155	45	110970	23.052	ug/l	97
23) Vinyl Acetate	6.100	43	262062	115.102	ug/l	100
24) 1,1-Dichloroethane	6.057	63	64620	22.346	ug/l	99
25) 2-Butanone	7.021	43	59231	118.428	ug/l	97
26) 2,2-Dichloropropane	7.015	77	50447	19.991	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	40026	21.950	ug/l	98
28) Bromochloromethane	7.368	49	24175	21.122	ug/l	99
29) Tetrahydrofuran	7.380	42	33501	122.500	ug/l	99
30) Chloroform	7.539	83	66930	22.609	ug/l	100
31) Cyclohexane	7.813	56	50057	19.448	ug/l	97
32) 1,1,1-Trichloroethane	7.734	97	53929	20.753	ug/l	98
36) 1,1-Dichloropropene	7.947	75	47224	19.239	ug/l	99
37) Ethyl Acetate	7.106	43	25259	24.008	ug/l	99
38) Carbon Tetrachloride	7.929	117	46574	19.175	ug/l	97
39) Methylcyclohexane	9.203	83	50060	17.664	ug/l	99
40) Benzene	8.191	78	147485	20.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	14102	25.245	ug/l	95
42) 1,2-Dichloroethane	8.264	62	40059	21.496	ug/l	100
43) Isopropyl Acetate	8.295	43	45696	22.362	ug/l	99
44) Trichloroethene	8.965	130	36604	20.078	ug/l	99
45) 1,2-Dichloropropane	9.240	63	37265	20.798	ug/l	100
46) Dibromomethane	9.331	93	19872	21.468	ug/l	99
47) Bromodichloromethane	9.520	83	50809	20.826	ug/l	98
48) Methyl methacrylate	9.313	41	24037	21.165	ug/l	95
49) 1,4-Dioxane	9.319	88	3469	386.119	ug/l #	79
51) 4-Methyl-2-Pentanone	10.087	43	121027	111.161	ug/l	99
52) Toluene	10.264	92	88509	20.677	ug/l	100
53) t-1,3-Dichloropropene	10.483	75	47377	21.297	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	55103	20.535	ug/l	97
55) 1,1,2-Trichloroethane	10.666	97	28195	21.349	ug/l	99
56) Ethyl methacrylate	10.526	69	25411	21.881	ug/l	98
57) 1,3-Dichloropropane	10.807	76	48981	21.835	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	70809	113.342	ug/l	99
59) 2-Hexanone	10.849	43	87293	107.525	ug/l	99
60) Dibromochloromethane	11.002	129	32565	21.315	ug/l	99
61) 1,2-Dibromoethane	11.111	107	25357	21.410	ug/l	98
64) Tetrachloroethene	10.740	164	30610	21.407	ug/l	98
65) Chlorobenzene	11.538	112	91890	20.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	34043	20.006	ug/l	97
67) Ethyl Benzene	11.611	91	163404	19.630	ug/l	100
68) m/p-Xylenes	11.721	106	121816	39.630	ug/l	99
69) o-Xylene	12.050	106	57413	20.359	ug/l	99
70) Styrene	12.062	104	84400	20.226	ug/l	99
71) Bromoform	12.227	173	17741	20.913	ug/l #	98
73) Isopropylbenzene	12.349	105	152368	20.155	ug/l	100
74) N-amyl acetate	12.160	43	35154	22.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	32804	21.714	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	38896	36.248	ug/l #	100
77) Bromobenzene	12.629	156	33696	20.431	ug/l	97
78) n-propylbenzene	12.690	91	186601	20.373	ug/l	100
79) 2-Chlorotoluene	12.776	91	105765	20.868	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	122074	20.399	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	8914	19.509	ug/l	97
82) 4-Chlorotoluene	12.873	91	107746	20.722	ug/l	100
83) tert-Butylbenzene	13.093	119	104924	20.157	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	122085	20.689	ug/l	99
85) sec-Butylbenzene	13.270	105	153698	19.935	ug/l	100
86) p-Isopropyltoluene	13.385	119	126531	19.706	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	64574	20.035	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	65423	20.788	ug/l	98
89) n-Butylbenzene	13.715	91	120151	19.576	ug/l	99
90) Hexachloroethane	13.977	117	26612	19.904	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	56645	20.630	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4337	22.147	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	29171	20.022	ug/l	97
94) Hexachlorobutadiene	15.129	225	16237	19.621	ug/l	98
95) Naphthalene	15.257	128	56240	20.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	24830	20.010	ug/l	96

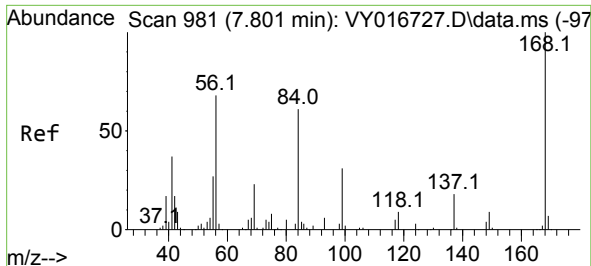
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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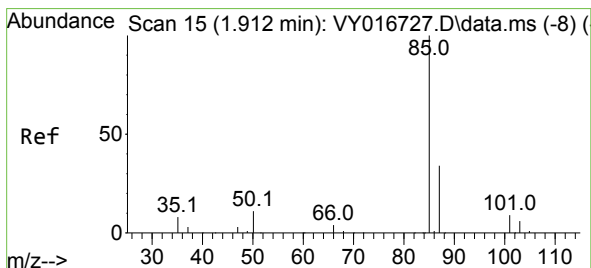
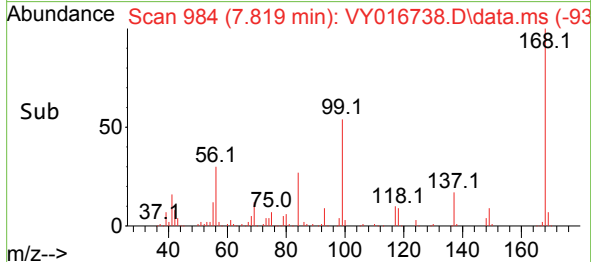
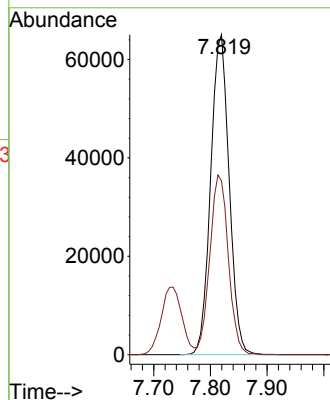
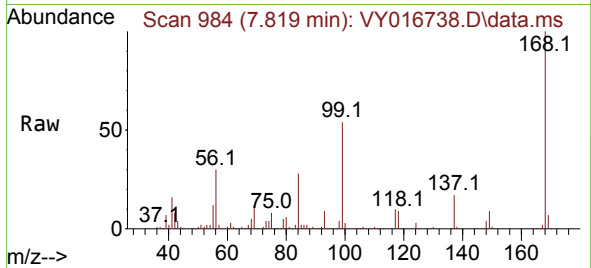
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

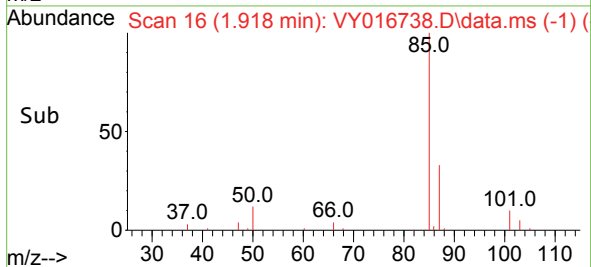
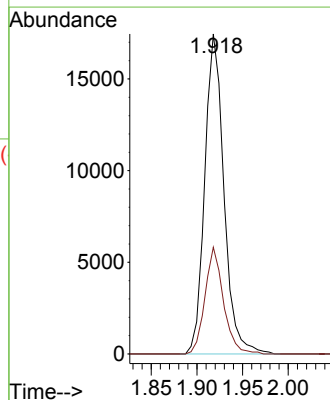
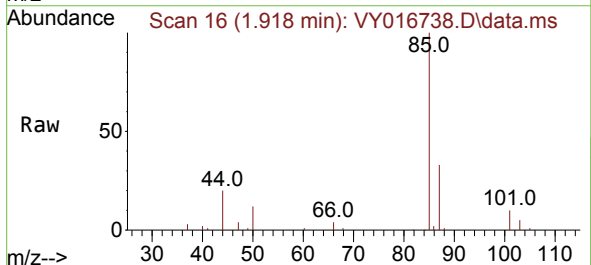
Instrument :
MSVOA_Y
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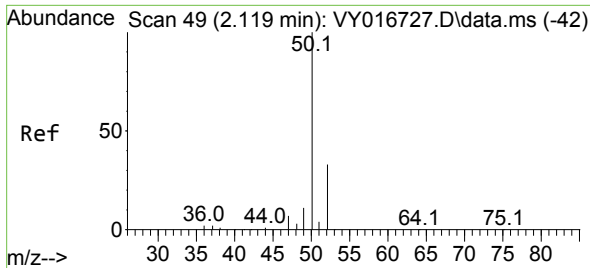
Tgt Ion:168 Resp: 147155
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.289 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 85 Resp: 25515
Ion Ratio Lower Upper
85 100
87 33.3 17.1 51.3

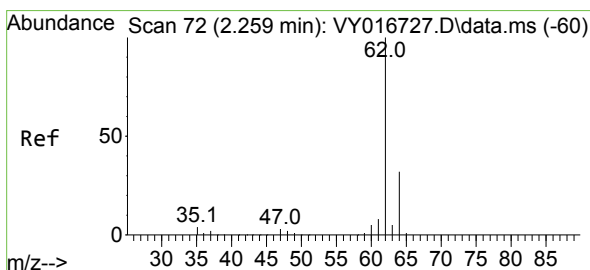
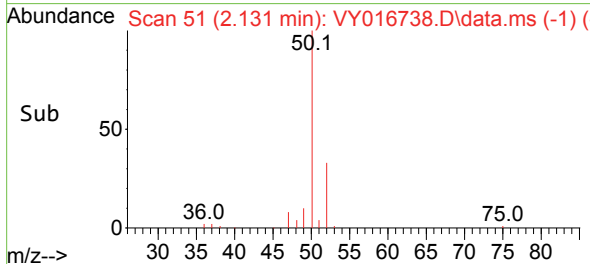
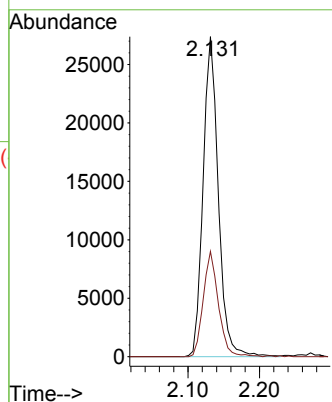
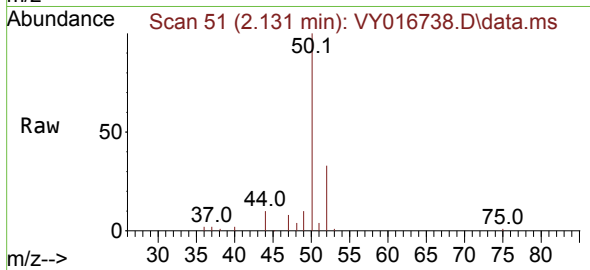




#3
Chloromethane
Concen: 20.960 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

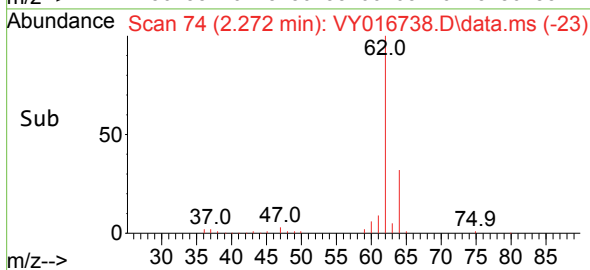
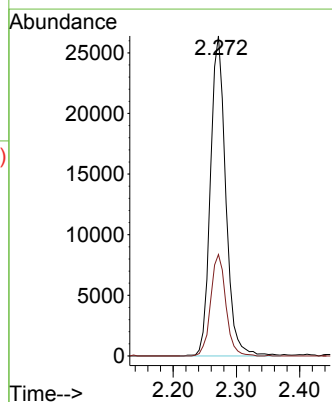
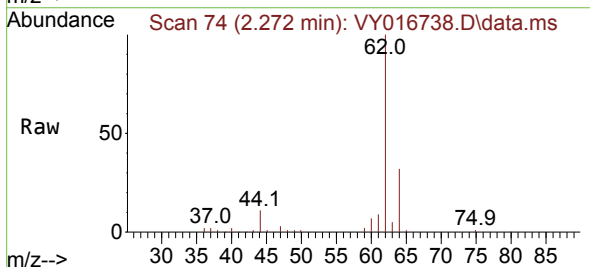
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ClientSampleId :

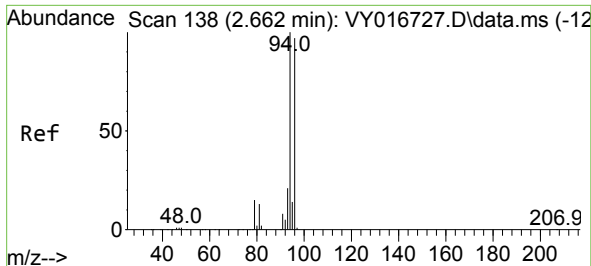
Tgt Ion: 50 Resp: 40517
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1



#4
Vinyl Chloride
Concen: 20.375 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 62 Resp: 44487
Ion Ratio Lower Upper
62 100
64 31.7 25.7 38.5





#5

Bromomethane

Concen: 21.832 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

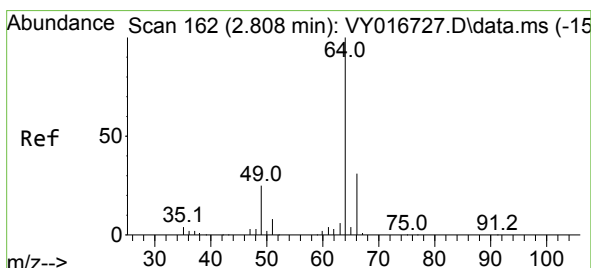
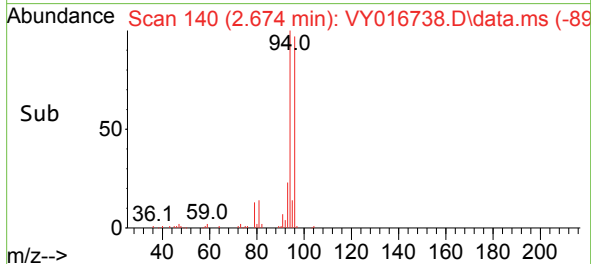
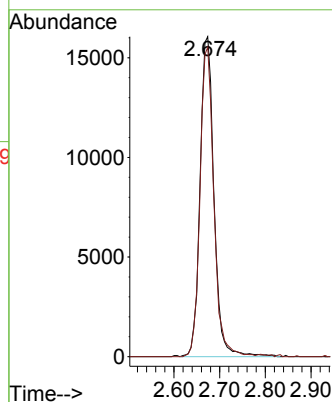
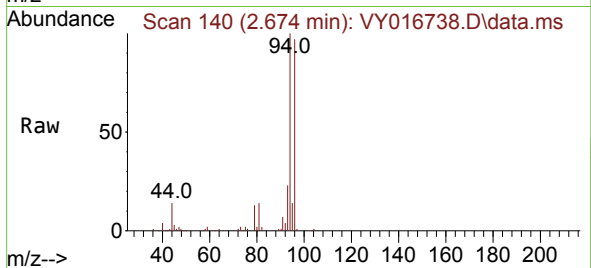
ClientSampleId :

Tgt Ion: 94 Resp: 33951

Ion Ratio Lower Upper

94 100

96 96.8 77.3 115.9



#6

Chloroethane

Concen: 21.331 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.006 min

Lab File: VY016738.D

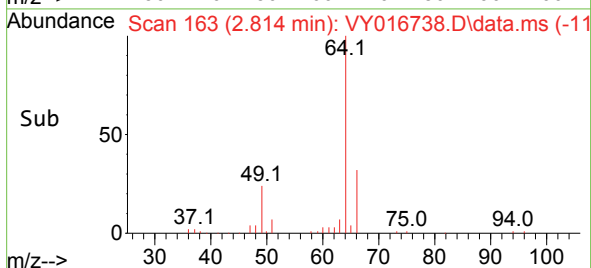
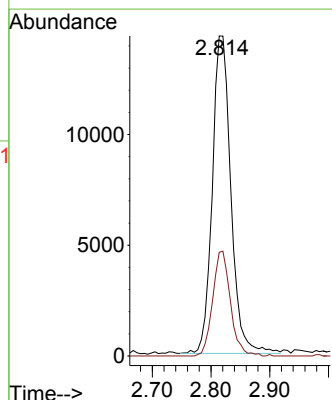
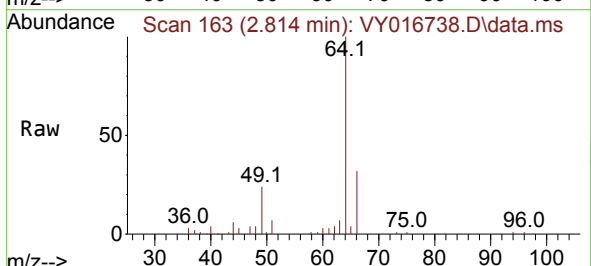
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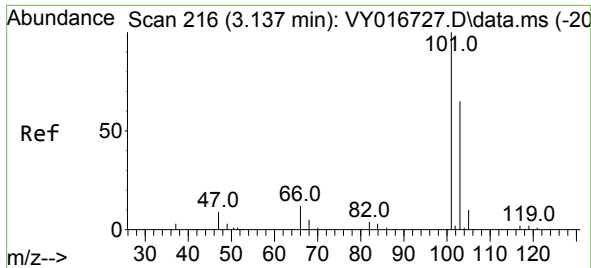
Tgt Ion: 64 Resp: 31559

Ion Ratio Lower Upper

64 100

66 32.7 25.1 37.7

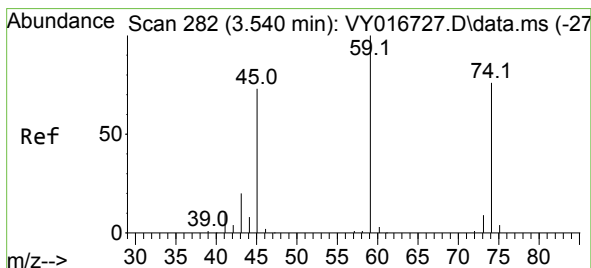
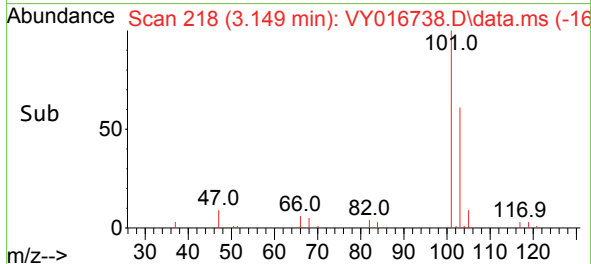
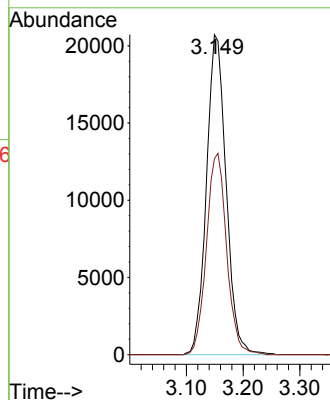
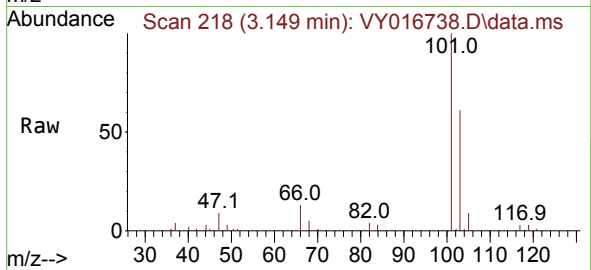




#7
 Trichlorofluoromethane
 Concen: 19.636 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

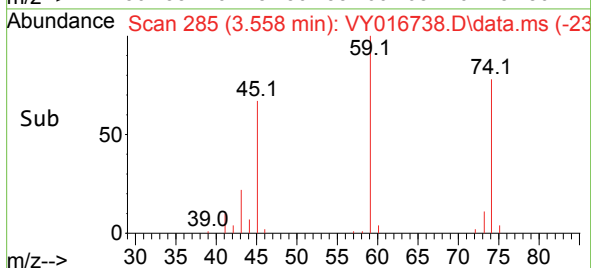
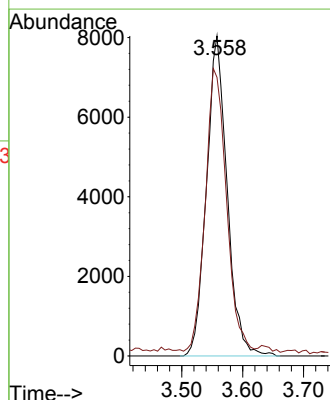
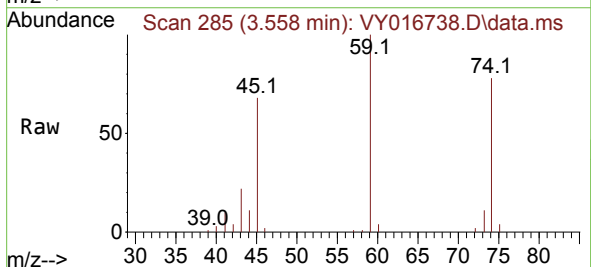
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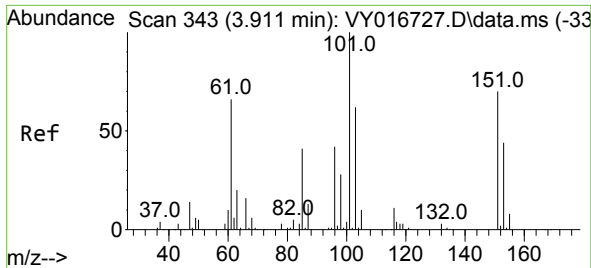
Tgt Ion:101 Resp: 49945
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 23.252 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

Tgt Ion: 74 Resp: 18919
 Ion Ratio Lower Upper
 74 100
 45 90.6 47.9 143.7

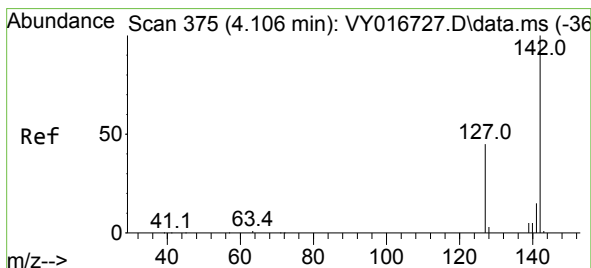
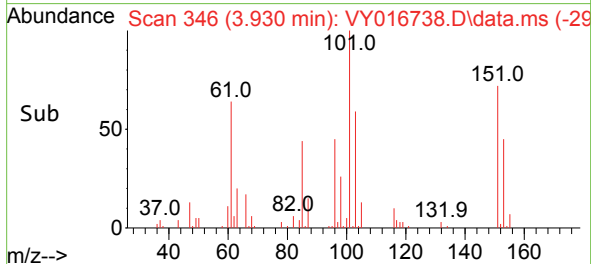
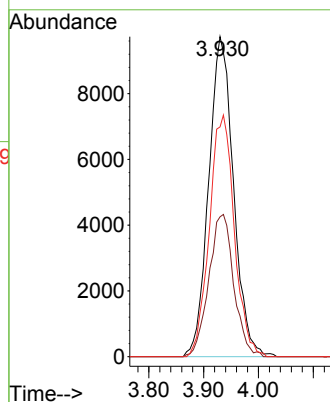
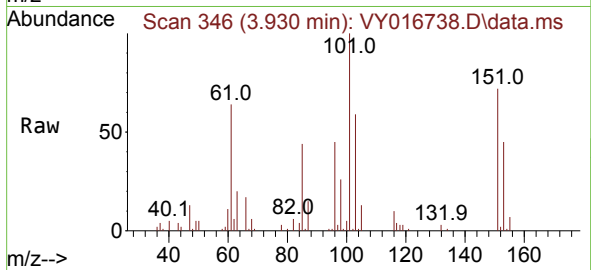




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.566 ug/l
 RT: 3.930 min Scan# 34
 Delta R.T. 0.018 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

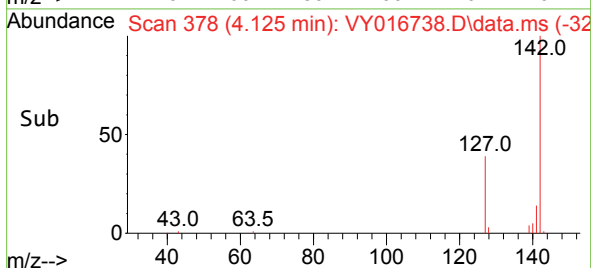
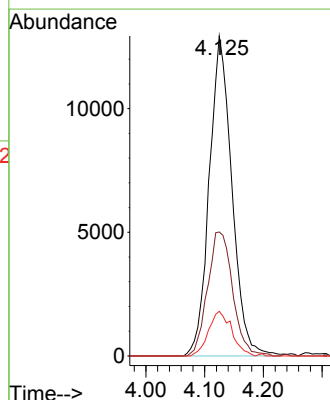
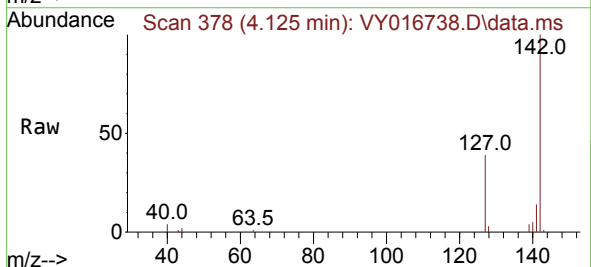
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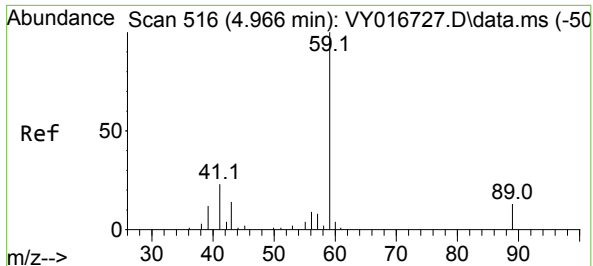
Tgt Ion:101 Resp: 30528
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.8 53.6
 151 76.0 58.6 88.0



#10
 Methyl Iodide
 Concen: 21.318 ug/l
 RT: 4.125 min Scan# 378
 Delta R.T. 0.018 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

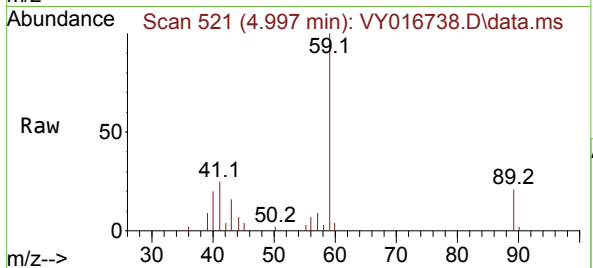
Tgt Ion:142 Resp: 34660
 Ion Ratio Lower Upper
 142 100
 127 43.0 35.1 52.7
 141 14.3 11.8 17.6



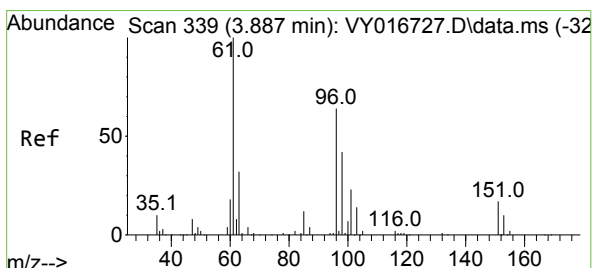
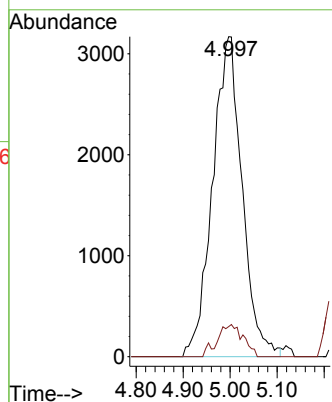
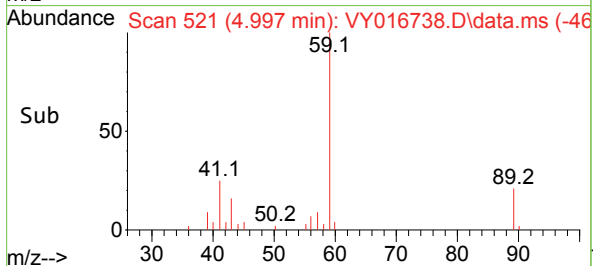


#11
Tert butyl alcohol
Concen: 125.790 ug/l
RT: 4.997 min Scan# 516
Delta R.T. 0.031 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

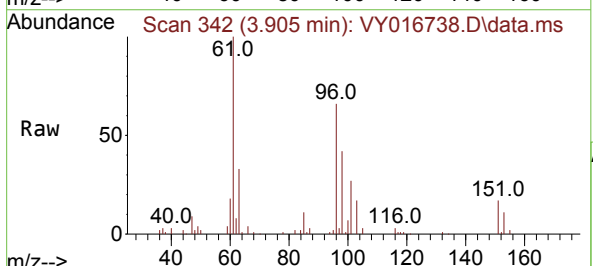
Instrument :
MSVOA_Y
ClientSampleId :



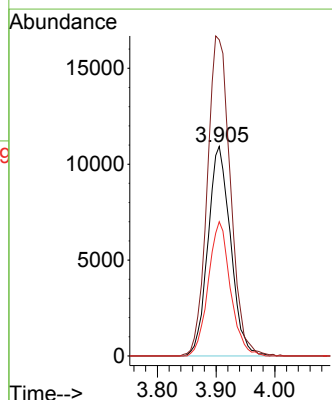
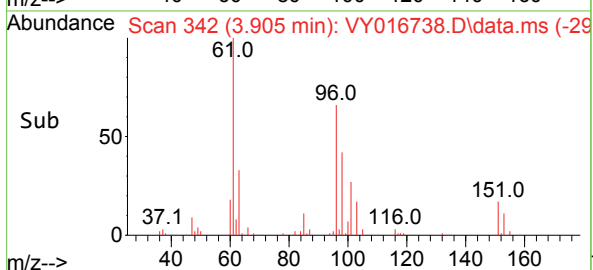
Tgt Ion: 59 Resp: 13855
Ion Ratio Lower Upper
59 100
57 8.0 7.4 11.0

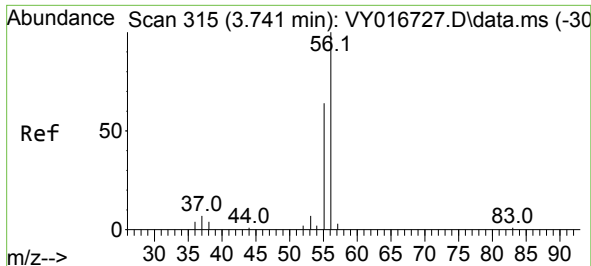


#12
1,1-Dichloroethene
Concen: 21.058 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09



Tgt Ion: 96 Resp: 29254
Ion Ratio Lower Upper
96 100
61 150.9 124.2 186.2
98 64.1 52.6 79.0





#13

Acrolein

Concen: 144.558 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

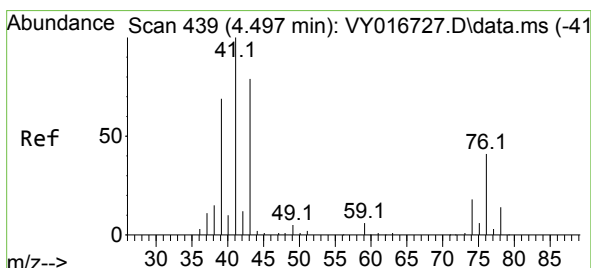
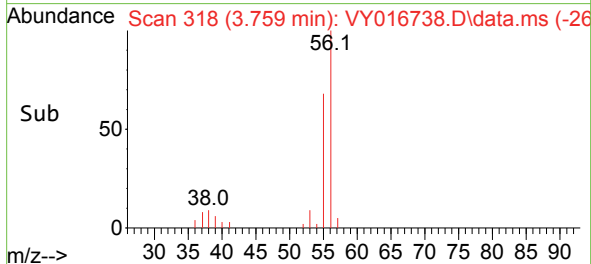
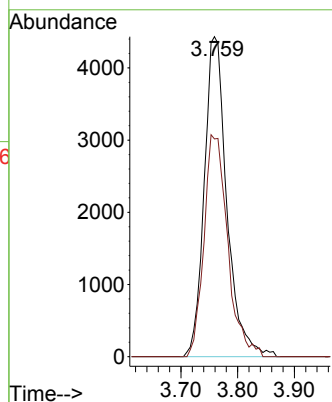
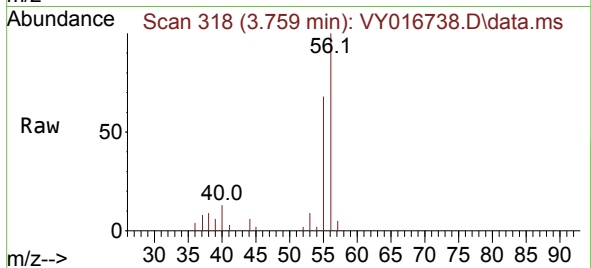
ClientSampleId :

Tgt Ion: 56 Resp: 12285

Ion Ratio Lower Upper

56 100

55 72.6 55.4 83.0



#14

Allyl chloride

Concen: 22.129 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

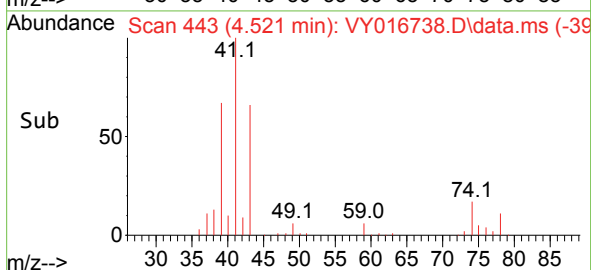
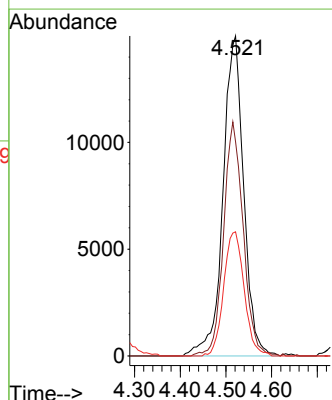
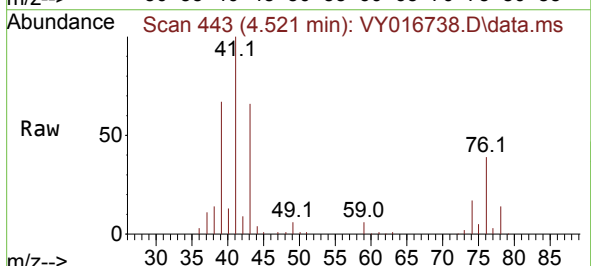
Tgt Ion: 41 Resp: 47087

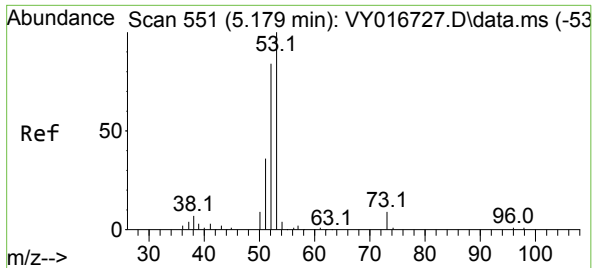
Ion Ratio Lower Upper

41 100

39 69.3 54.7 82.1

76 38.4 31.8 47.6

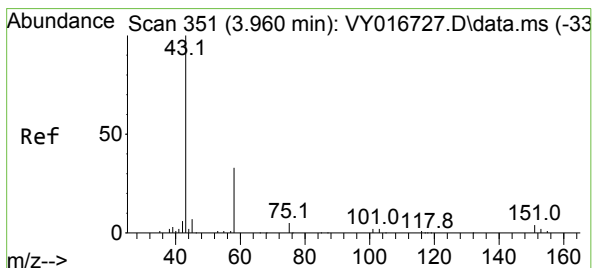
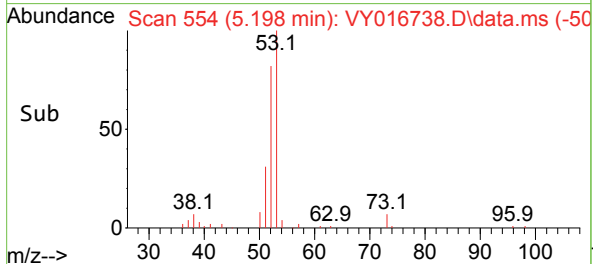
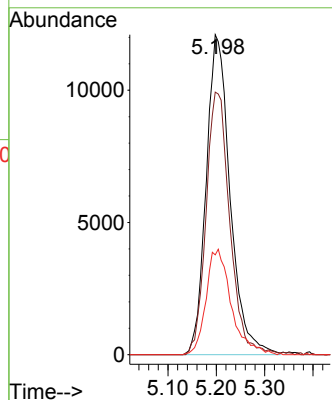
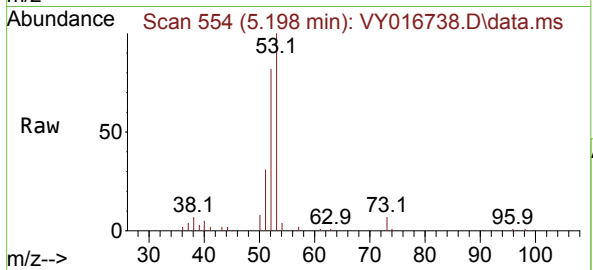




#15
Acrylonitrile
Concen: 120.635 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

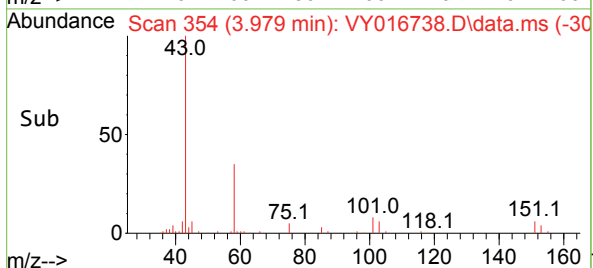
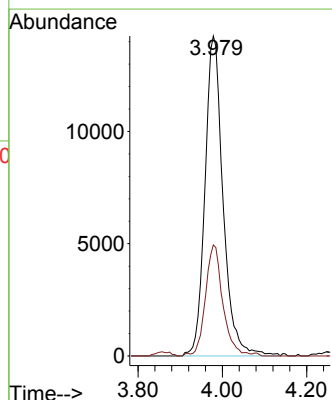
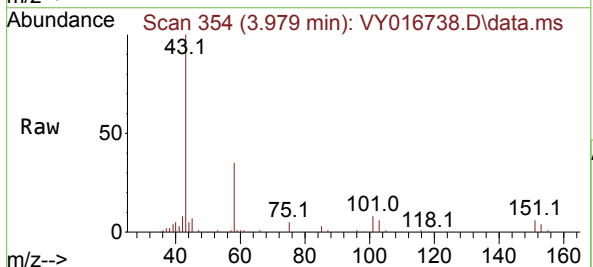
Instrument :
MSVOA_Y
ClientSampleId :

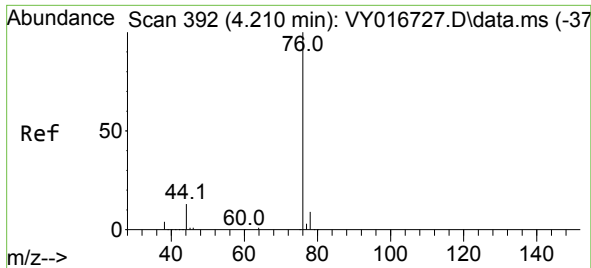
Tgt Ion: 53 Resp: 41568
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 34.8 29.0 43.4



#16
Acetone
Concen: 117.306 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 43 Resp: 42613
Ion Ratio Lower Upper
43 100
58 34.7 26.6 39.8

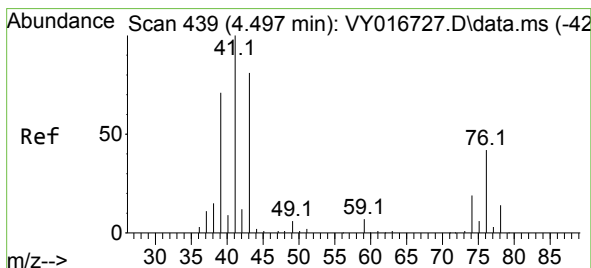
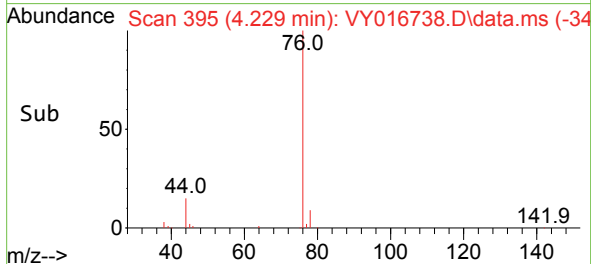
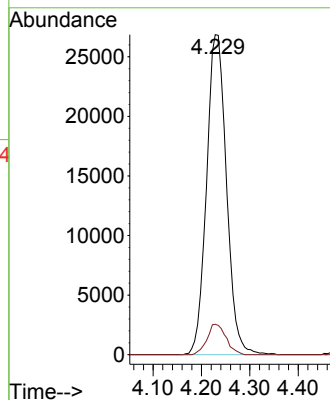
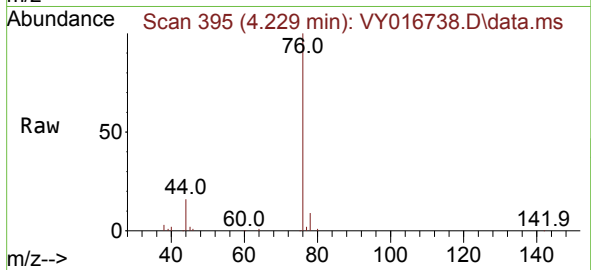




#17
Carbon Disulfide
Concen: 20.353 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.019 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

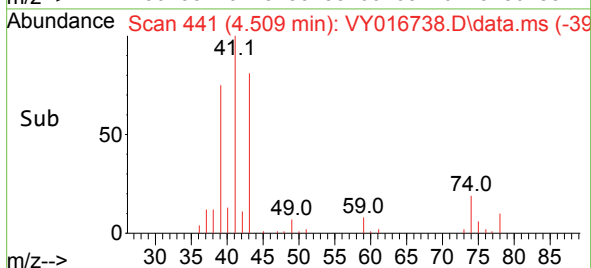
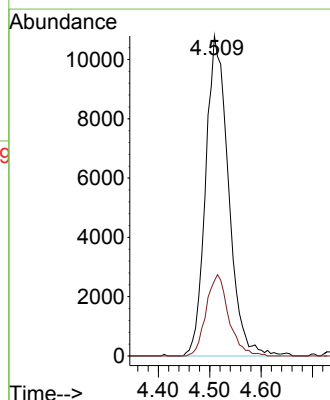
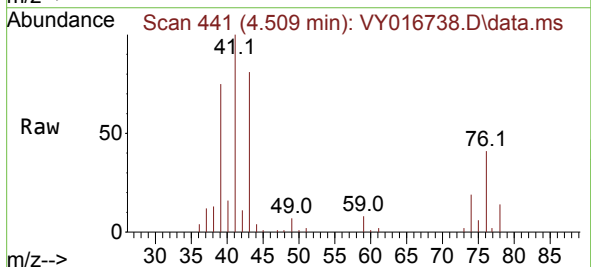
Instrument :
MSVOA_Y
ClientSampleId :

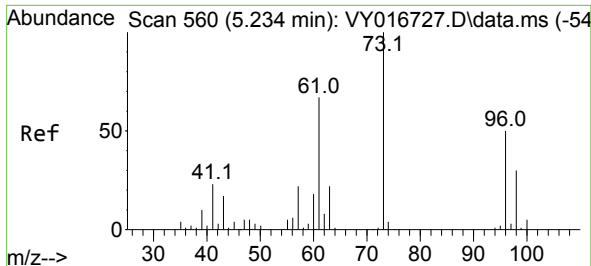
Tgt Ion: 76 Resp: 76934
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 23.472 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 43 Resp: 33322
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 22.987 ug/l

RT: 5.259 min Scan# 50

Delta R.T. 0.024 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

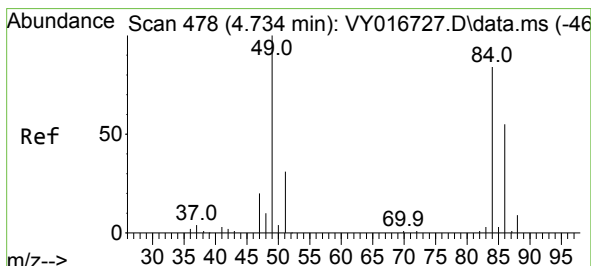
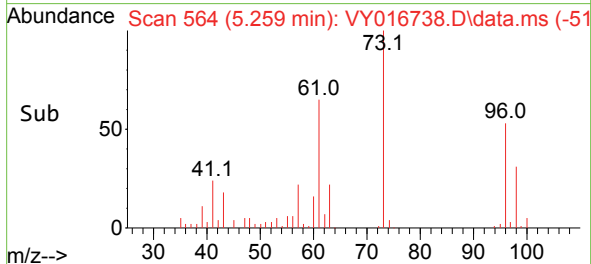
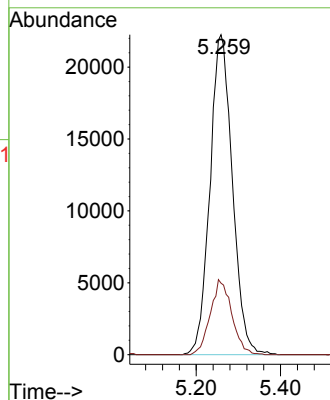
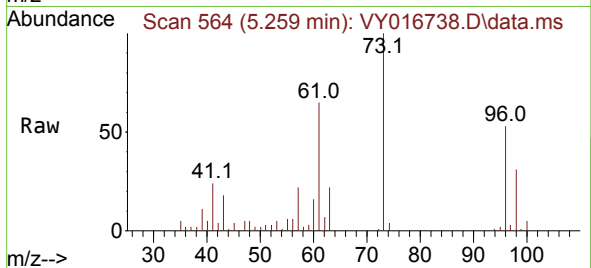
ClientSampleId :

Tgt Ion: 73 Resp: 82168

Ion Ratio Lower Upper

73 100

57 22.3 17.7 26.5



#20

Methylene Chloride

Concen: 24.604 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.019 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Tgt Ion: 84 Resp: 49104

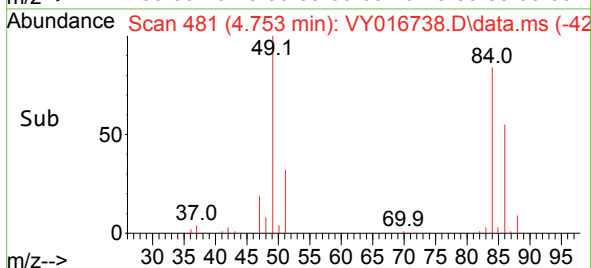
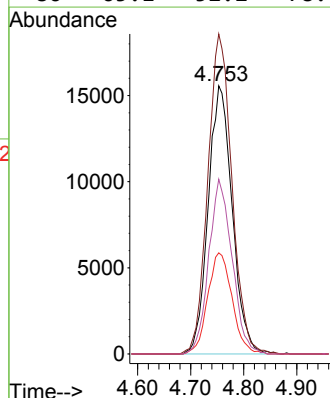
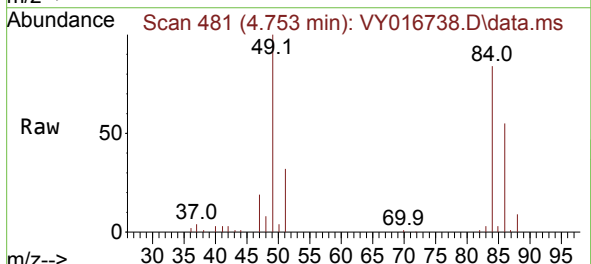
Ion Ratio Lower Upper

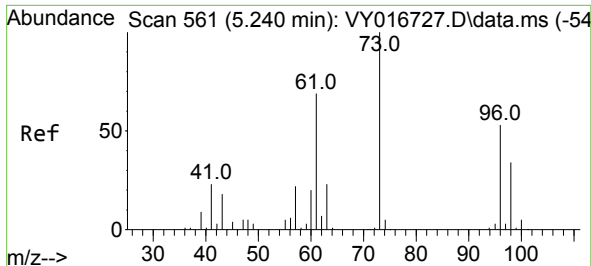
84 100

49 119.3 95.2 142.8

51 37.7 29.9 44.9

86 65.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 22.120 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

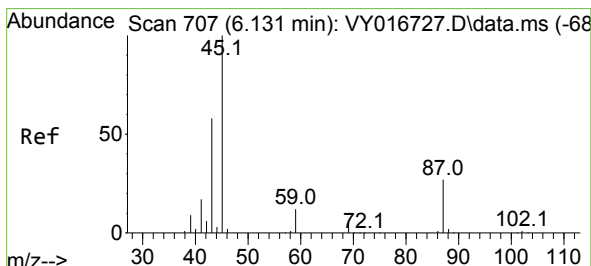
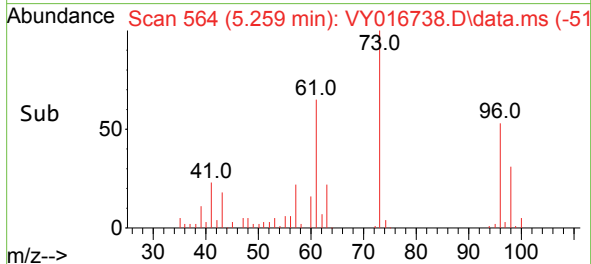
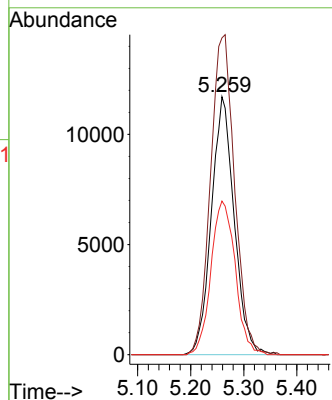
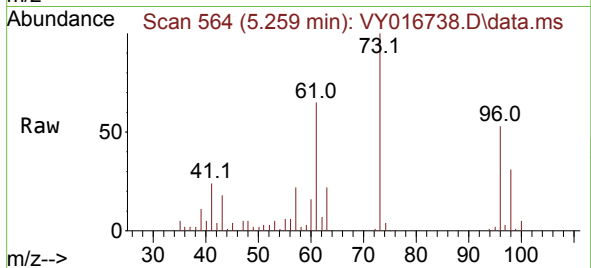
Tgt Ion: 96 Resp: 35047

Ion Ratio Lower Upper

96 100

61 122.8 104.6 156.8

98 59.5 50.9 76.3



#22

Diisopropyl ether

Concen: 23.052 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Tgt Ion: 45 Resp: 110970

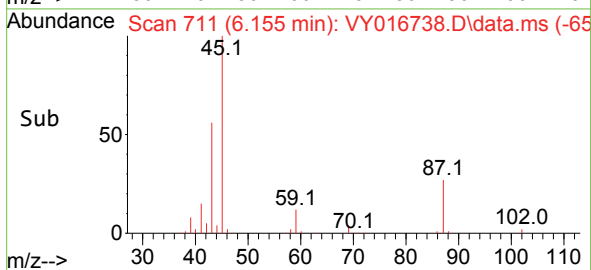
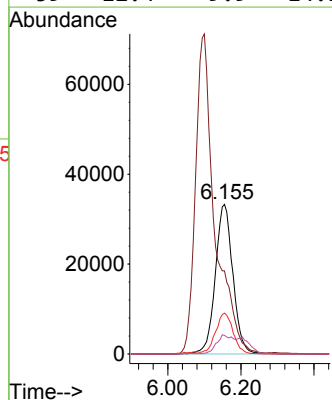
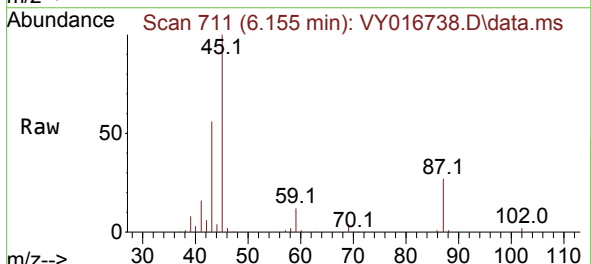
Ion Ratio Lower Upper

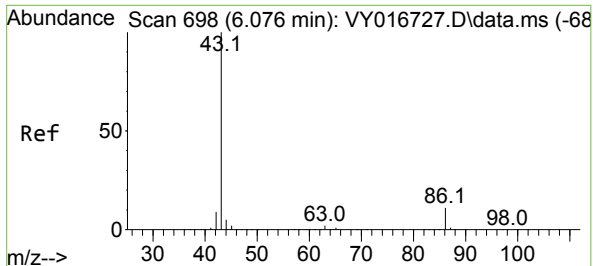
45 100

43 55.1 46.8 70.2

87 27.3 22.2 33.2

59 12.4 9.9 14.9

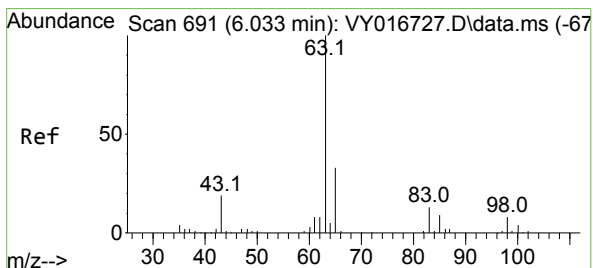
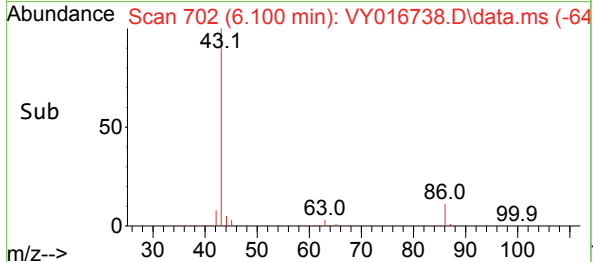
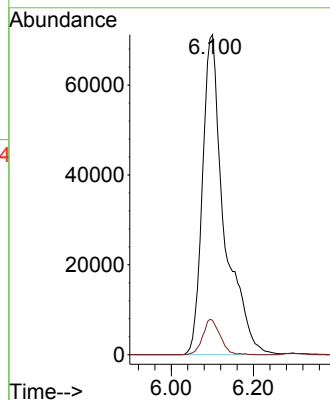
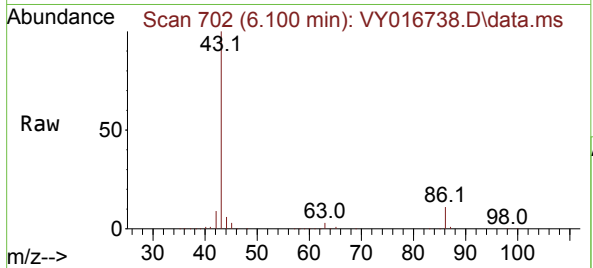




#23
 Vinyl Acetate
 Concen: 115.102 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

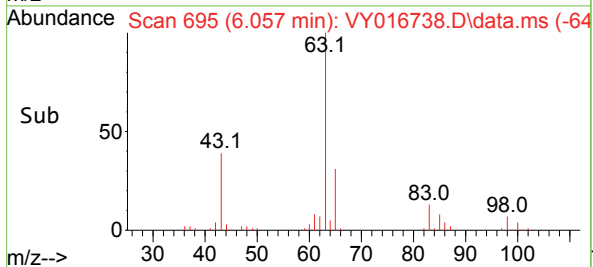
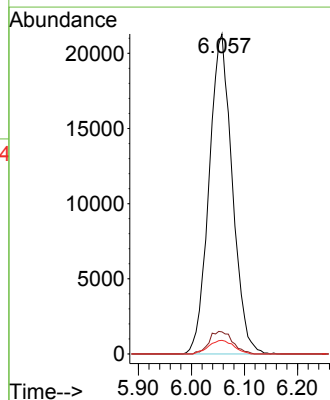
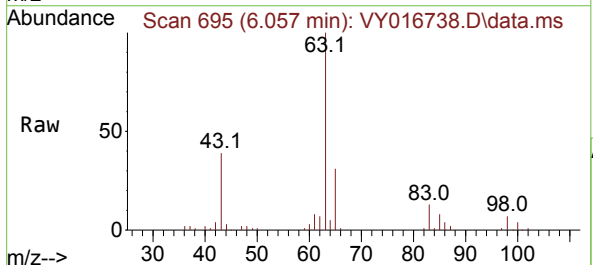
Instrument :
 MSVOA_Y
 ClientSampleId :

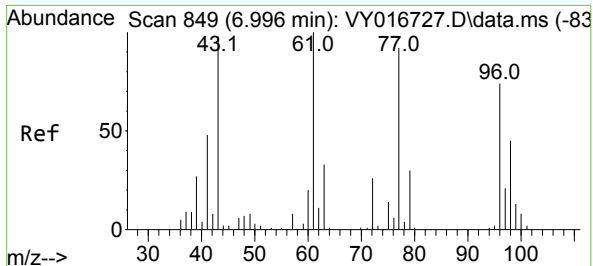
Tgt Ion: 43 Resp: 262062
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.346 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.024 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

Tgt Ion: 63 Resp: 64620
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 118.428 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

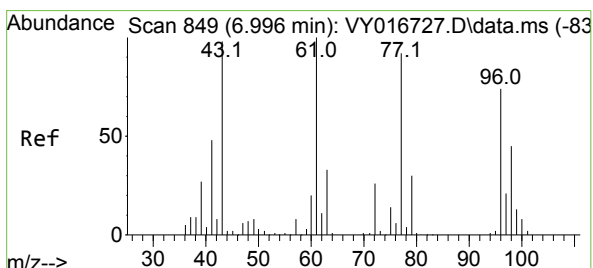
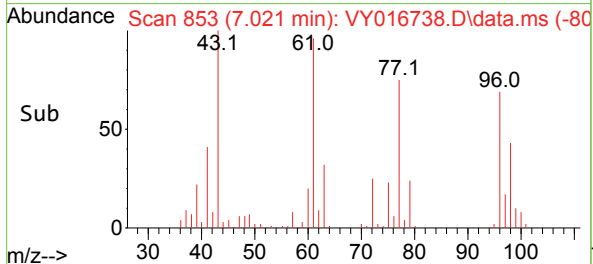
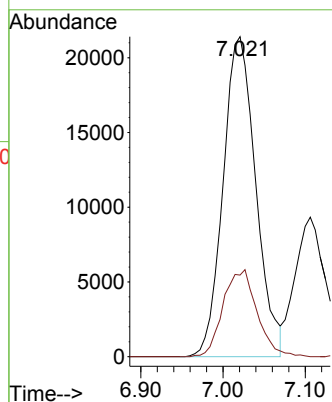
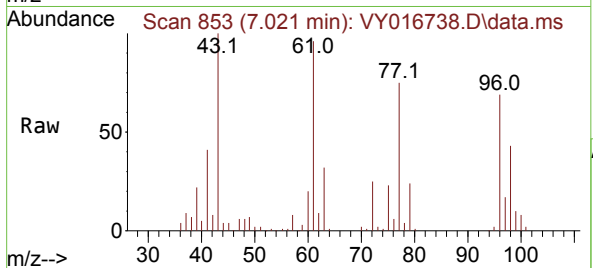
ClientSampleId :

Tgt Ion: 43 Resp: 59231

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.991 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016738.D

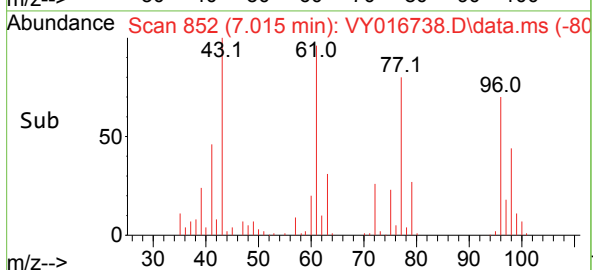
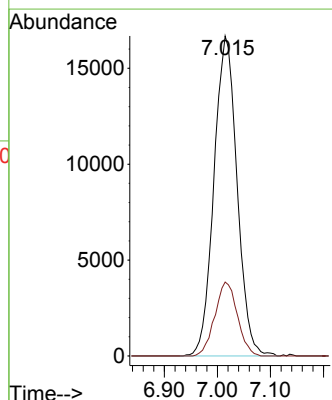
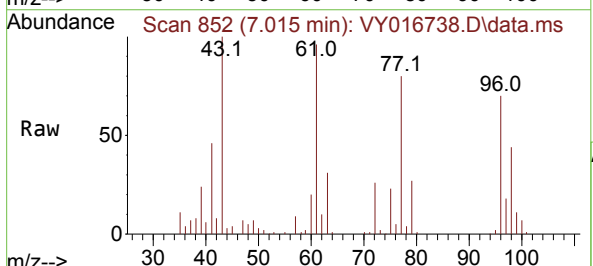
Acq: 21 Dec 2023 04:09

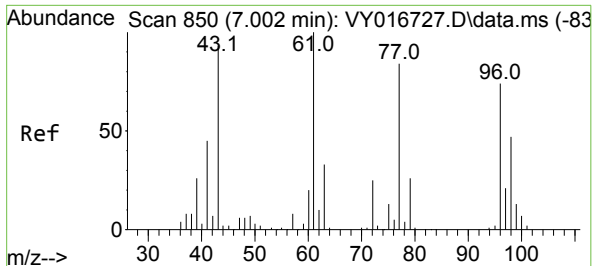
Tgt Ion: 77 Resp: 50447

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.950 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

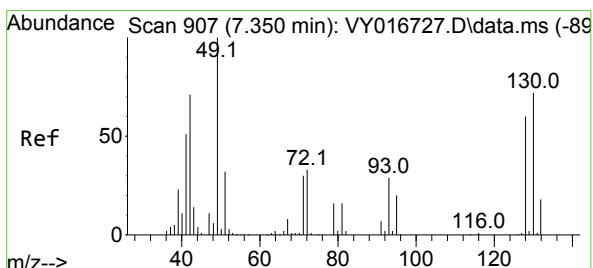
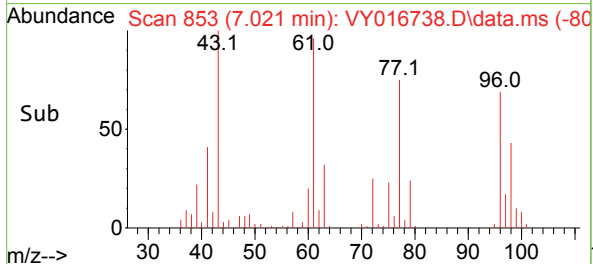
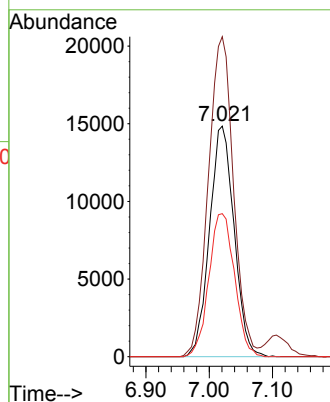
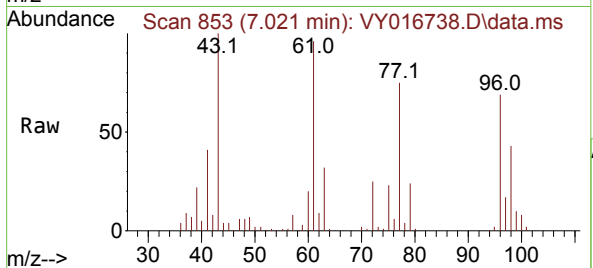
Tgt Ion: 96 Resp: 40026

Ion Ratio Lower Upper

96 100

61 141.9 0.0 278.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 21.122 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

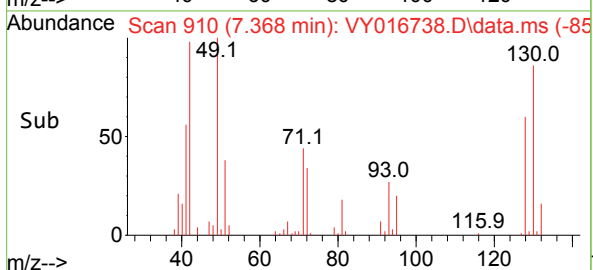
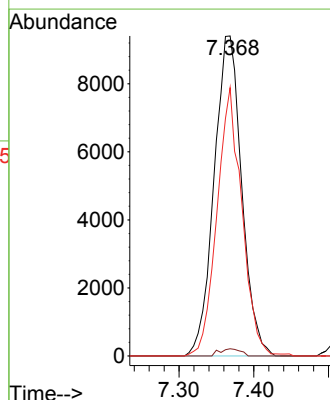
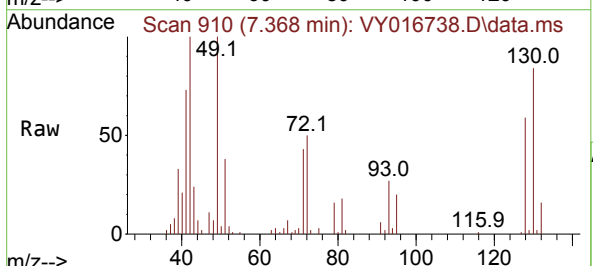
Tgt Ion: 49 Resp: 24175

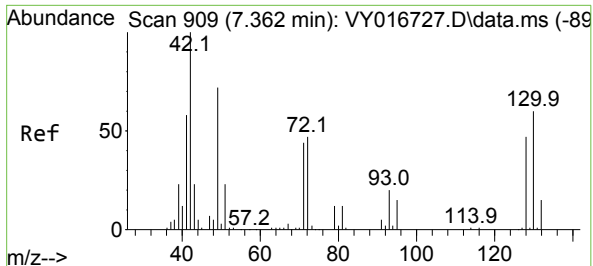
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 75.8 59.8 89.8

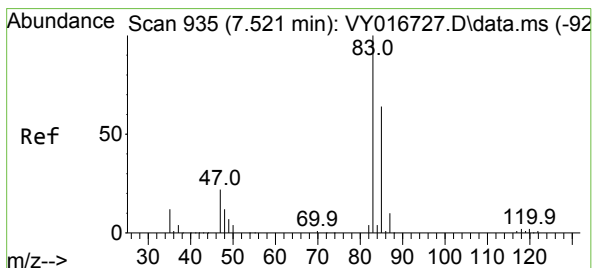
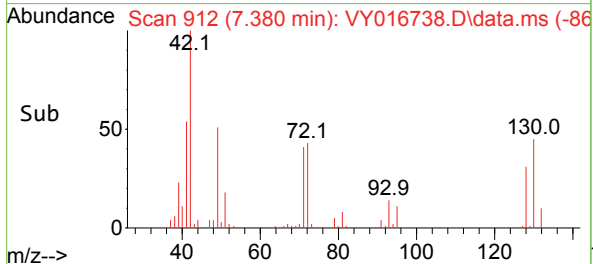
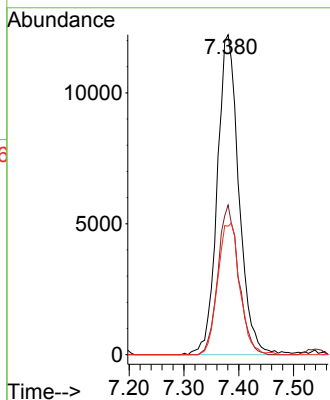
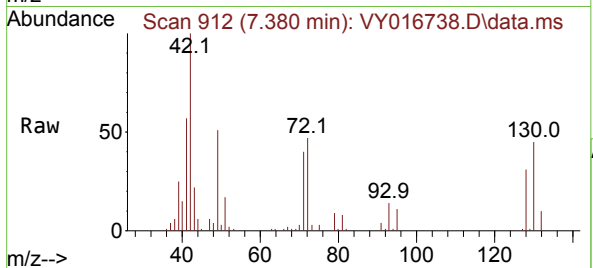




#29
Tetrahydrofuran
Concen: 122.500 ug/l
RT: 7.380 min Scan# 912
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

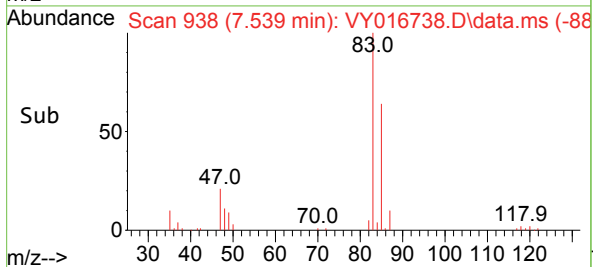
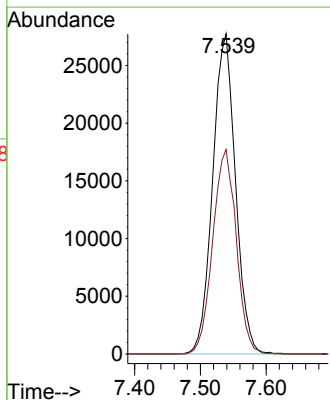
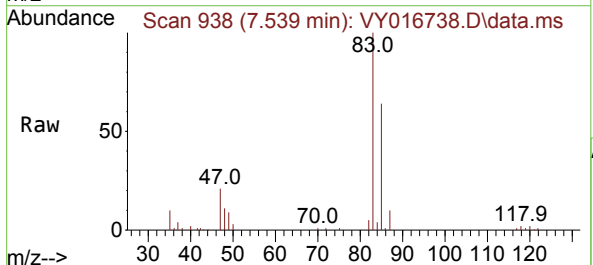
Instrument :
MSVOA_Y
ClientSampleId :

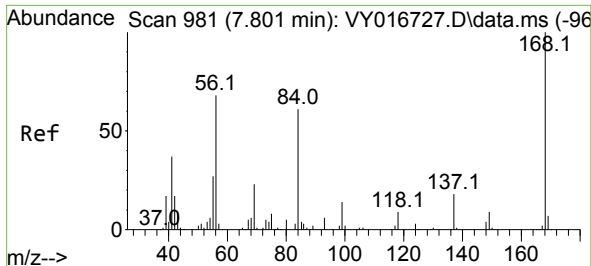
Tgt Ion: 42 Resp: 33501
Ion Ratio Lower Upper
42 100
72 44.8 36.6 54.8
71 42.1 33.8 50.6



#30
Chloroform
Concen: 22.609 ug/l
RT: 7.539 min Scan# 938
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 83 Resp: 66930
Ion Ratio Lower Upper
83 100
85 63.9 51.2 76.8

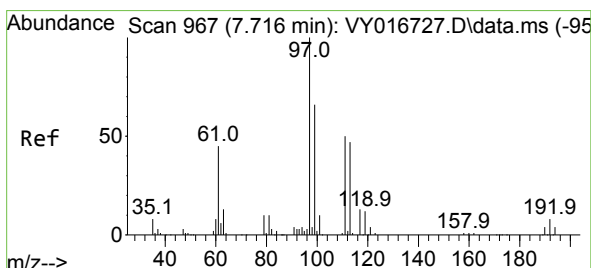
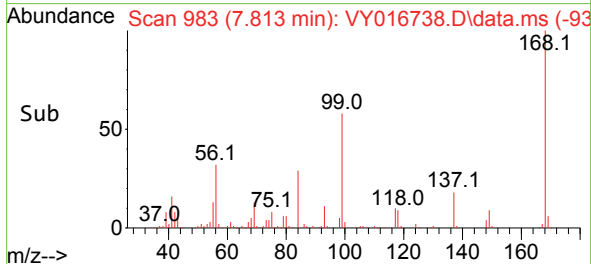
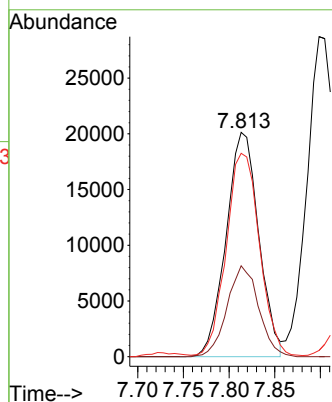
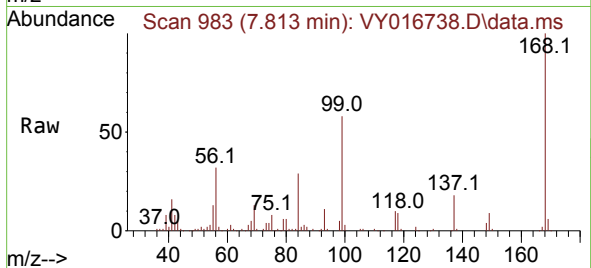




#31
Cyclohexane
Concen: 19.448 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

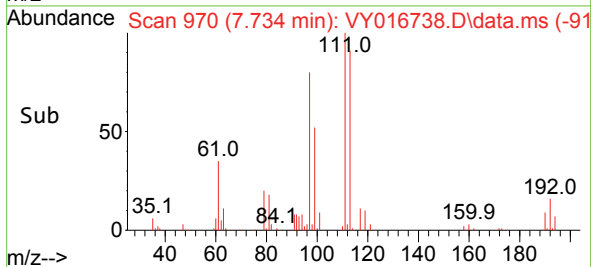
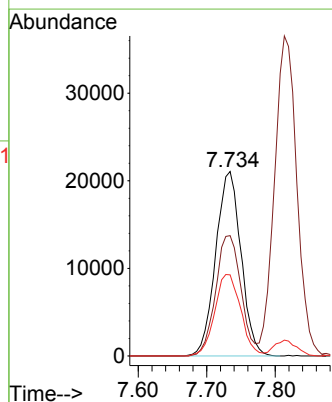
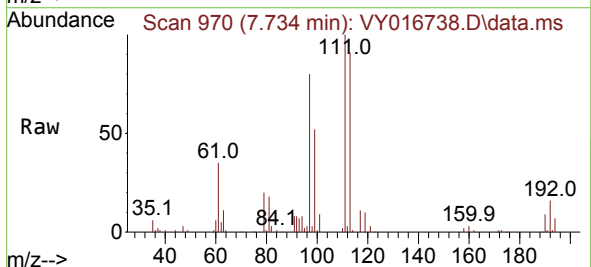
Instrument :
MSVOA_Y
ClientSampleId :

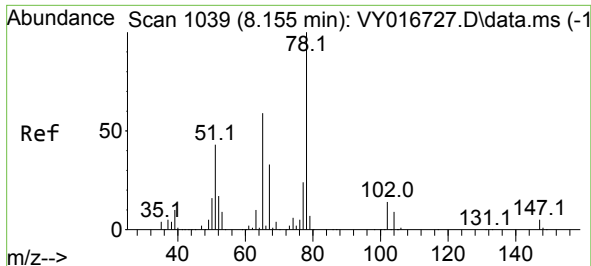
Tgt Ion: 56 Resp: 50057
Ion Ratio Lower Upper
56 100
69 40.5 27.0 40.6
84 89.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.753 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 97 Resp: 53929
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 45.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 57.367 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

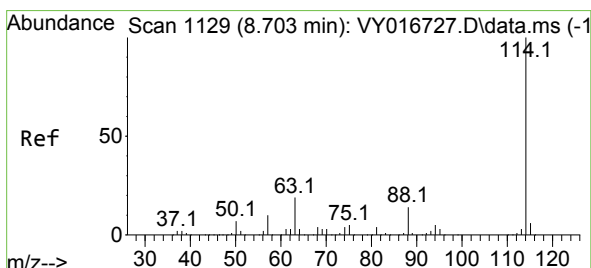
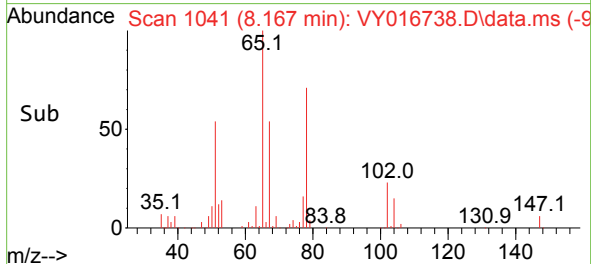
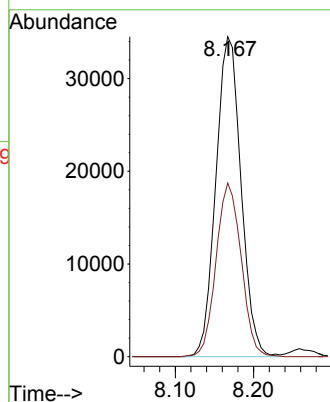
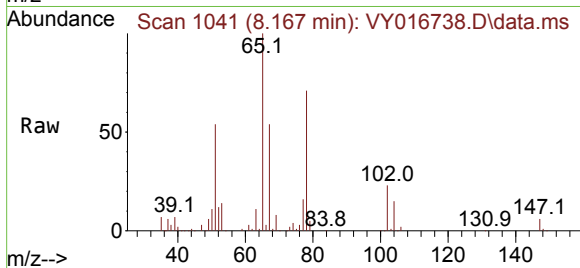
ClientSampleId :

Tgt Ion: 65 Resp: 77065

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

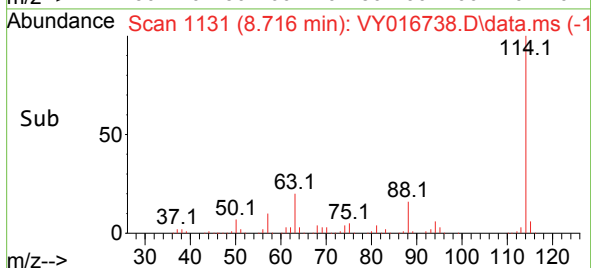
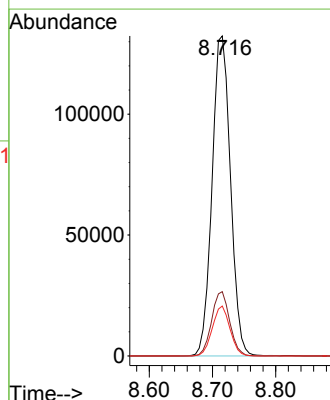
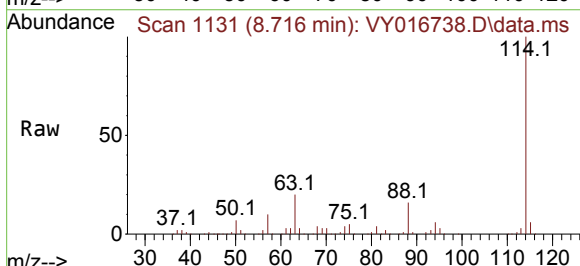
Tgt Ion: 114 Resp: 267292

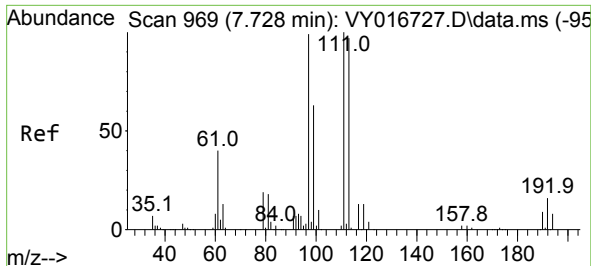
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.6 0.0 29.0

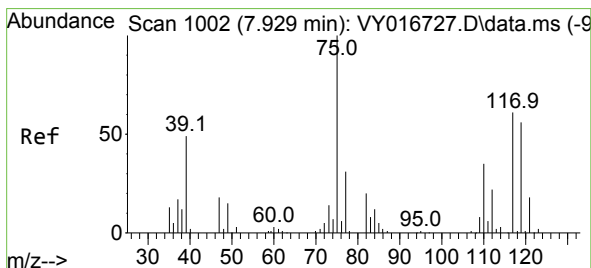
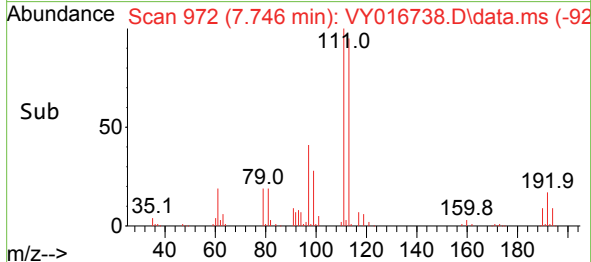
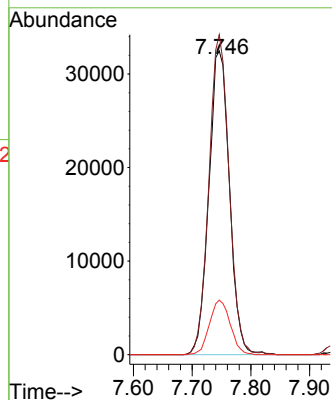
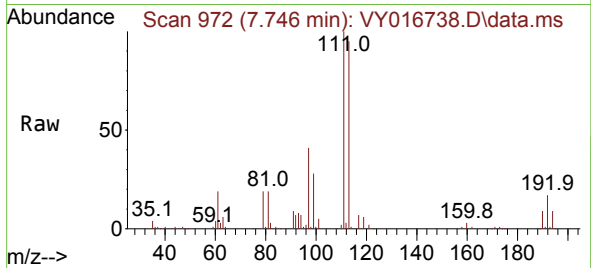




#35
Dibromofluoromethane
Concen: 51.611 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

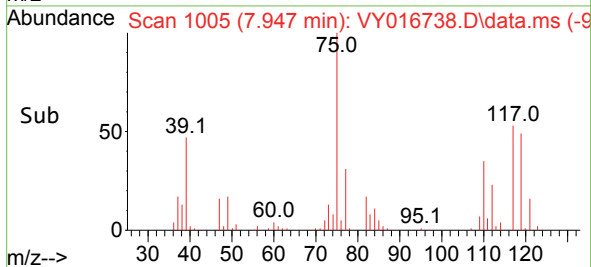
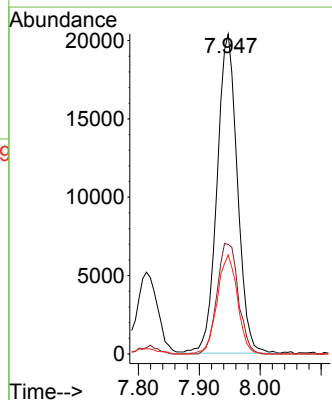
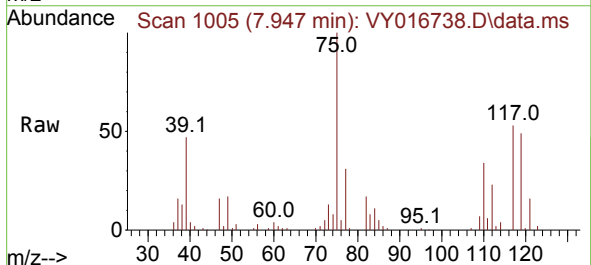
Instrument :
MSVOA_Y
ClientSampleId :

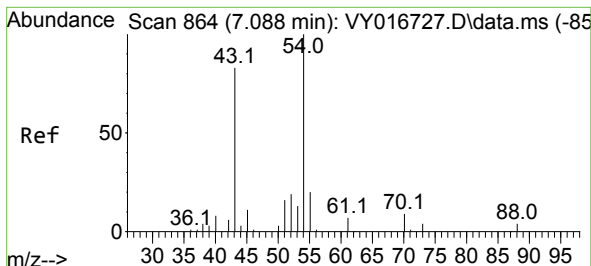
Tgt Ion:113 Resp: 79023
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.239 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 75 Resp: 47224
Ion Ratio Lower Upper
75 100
110 36.2 17.4 52.3
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 24.008 ug/l

RT: 7.106 min Scan# 8

Delta R.T. 0.018 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

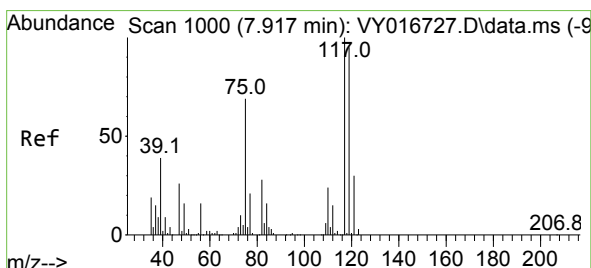
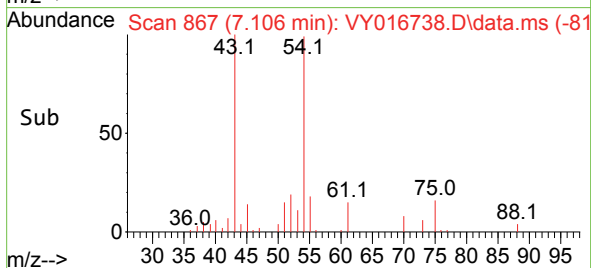
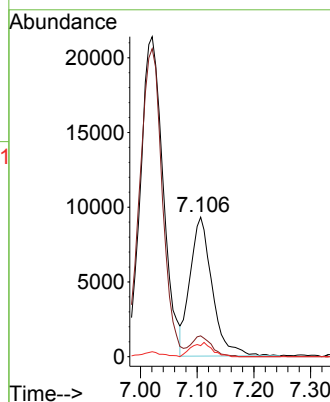
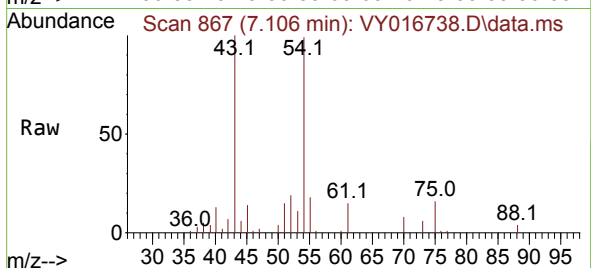
Tgt Ion: 43 Resp: 25259

Ion Ratio Lower Upper

43 100

61 13.9 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.175 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

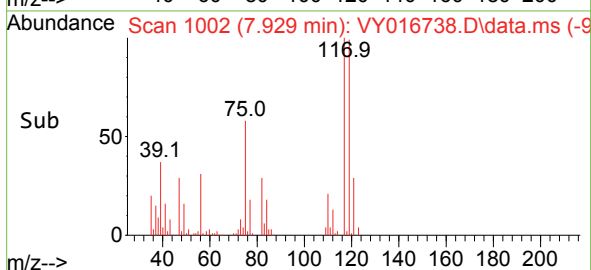
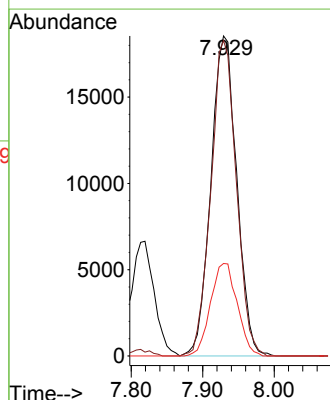
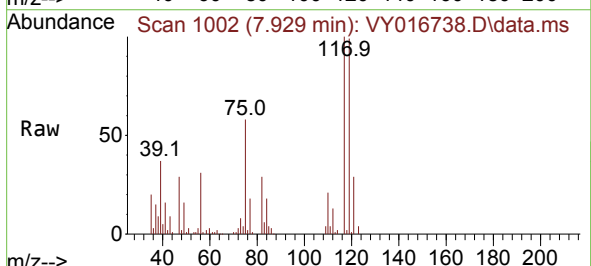
Tgt Ion: 117 Resp: 46574

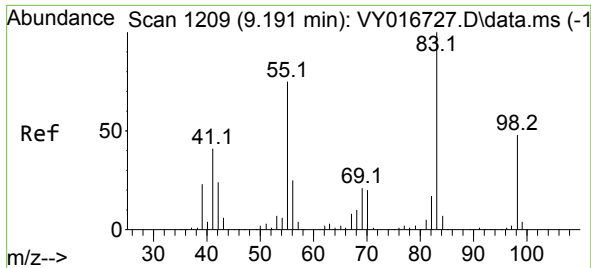
Ion Ratio Lower Upper

117 100

119 98.6 76.0 114.0

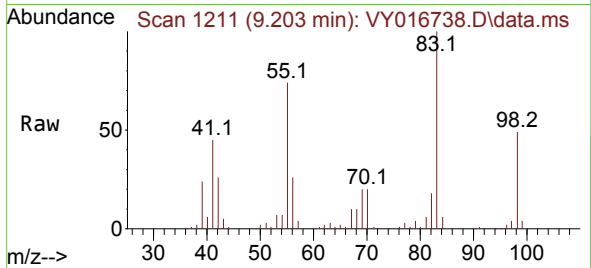
121 28.9 24.2 36.2



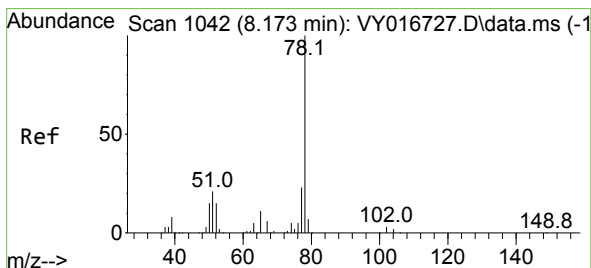
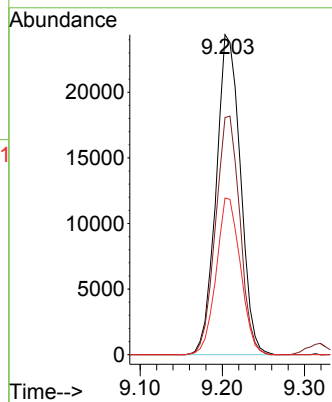
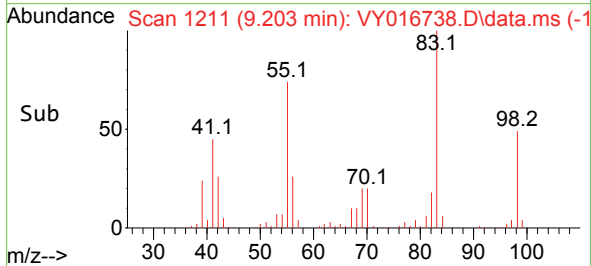


#39
Methylcyclohexane
Concen: 17.664 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Instrument :
MSVOA_Y
ClientSampleId :

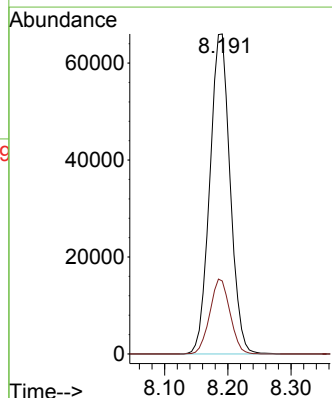
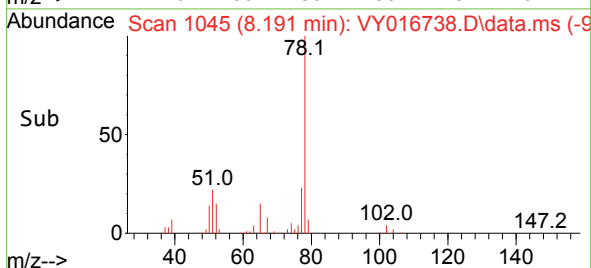
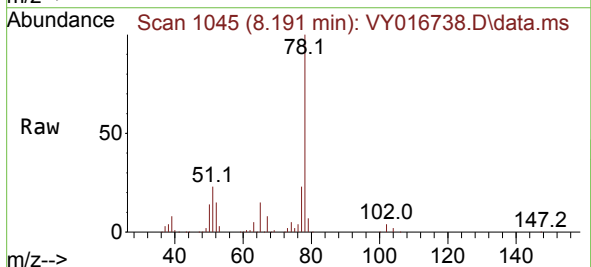


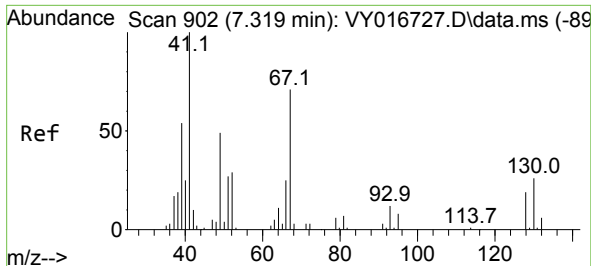
Tgt Ion: 83 Resp: 50060
Ion Ratio Lower Upper
83 100
55 74.1 59.7 89.5
98 48.9 38.0 57.0



#40
Benzene
Concen: 20.647 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 78 Resp: 147485
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2

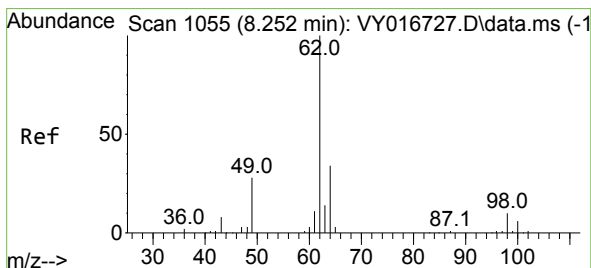
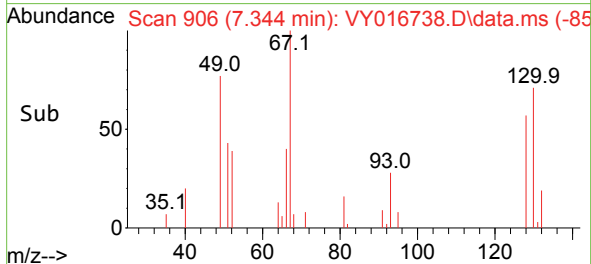
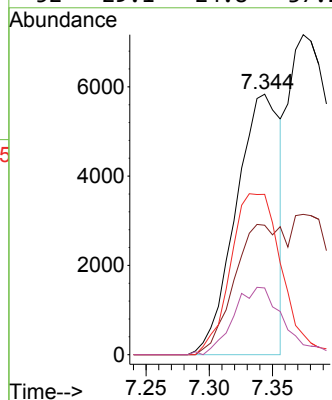
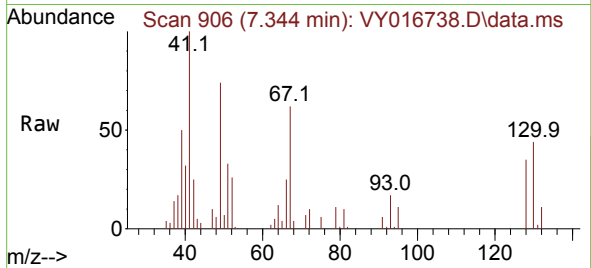




#41
Methacrylonitrile
Concen: 25.245 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

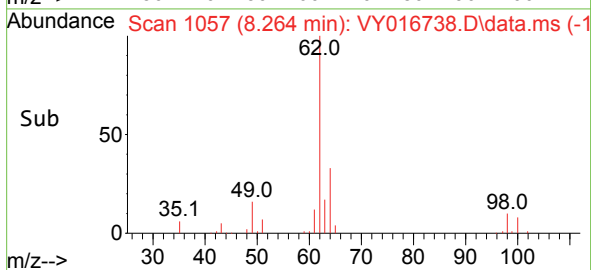
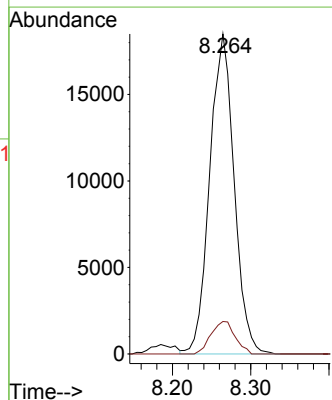
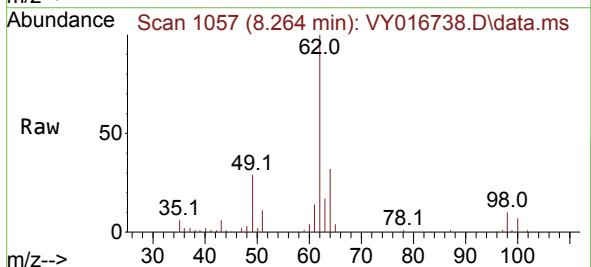
Instrument :
MSVOA_Y
ClientSampleId :

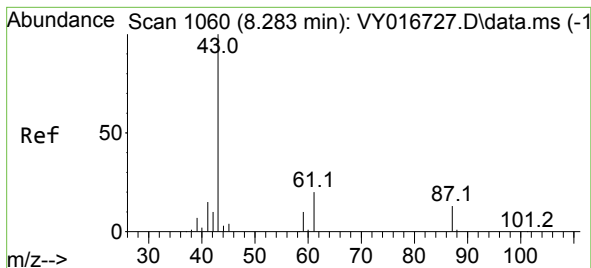
Tgt Ion: 41 Resp: 14102
Ion Ratio Lower Upper
41 100
39 58.2 41.9 62.9
67 71.5 59.8 89.6
52 29.1 24.8 37.2



#42
1,2-Dichloroethane
Concen: 21.496 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 62 Resp: 40059
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.2





#43

Isopropyl Acetate

Concen: 22.362 ug/l

RT: 8.295 min Scan# 1107

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

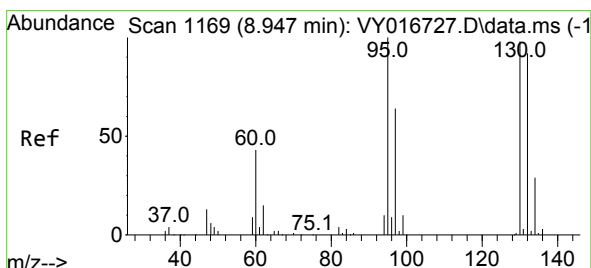
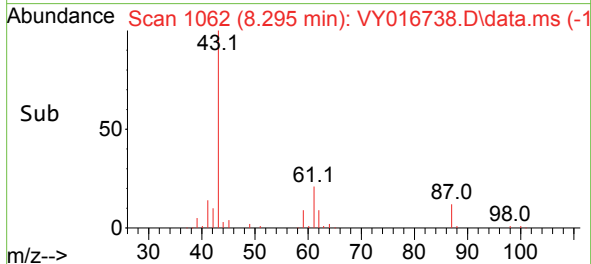
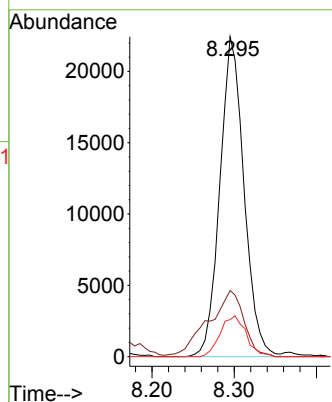
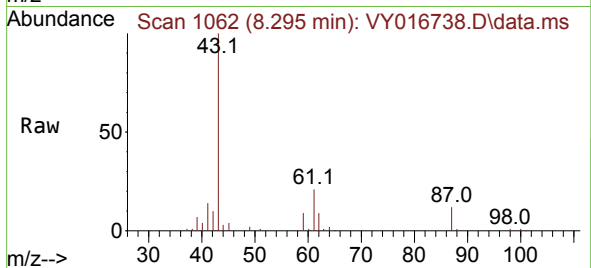
Tgt Ion: 43 Resp: 45696

Ion Ratio Lower Upper

43 100

61 30.5 24.8 37.2

87 13.8 10.7 16.1



#44

Trichloroethene

Concen: 20.078 ug/l

RT: 8.965 min Scan# 1172

Delta R.T. 0.018 min

Lab File: VY016738.D

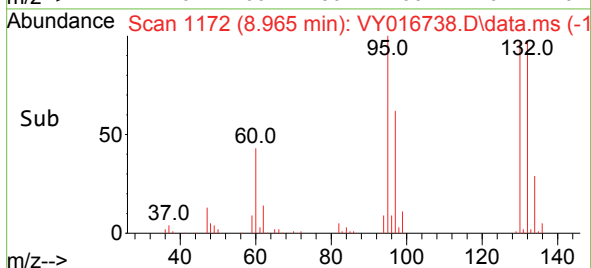
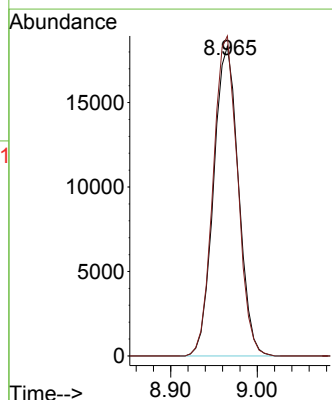
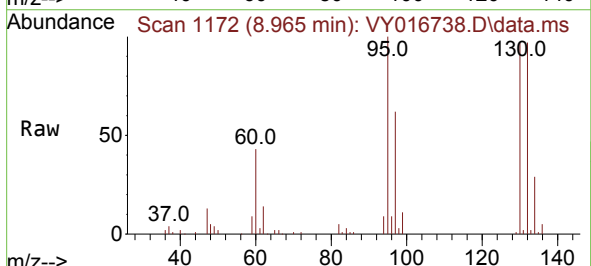
Acq: 21 Dec 2023 04:09

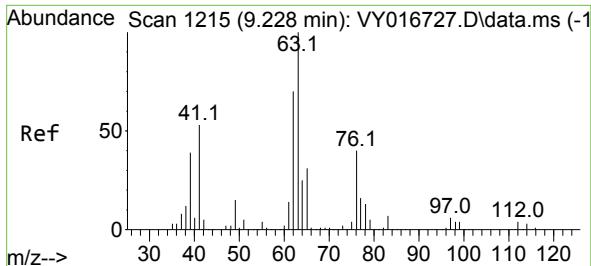
Tgt Ion:130 Resp: 36604

Ion Ratio Lower Upper

130 100

95 103.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.798 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

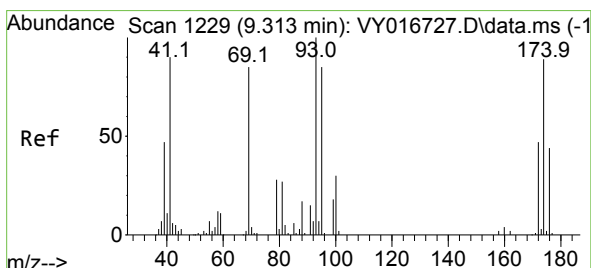
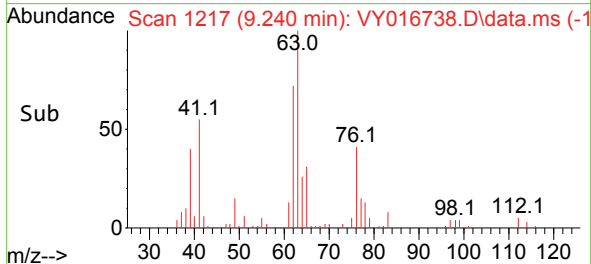
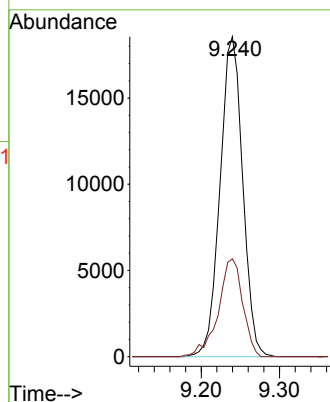
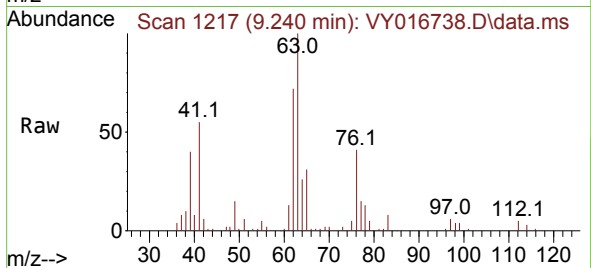
ClientSampleId :

Tgt Ion: 63 Resp: 37265

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 21.468 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

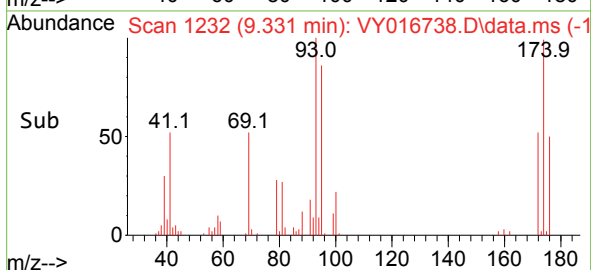
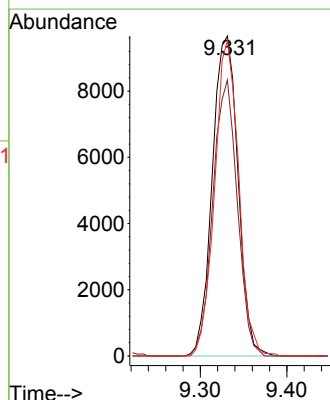
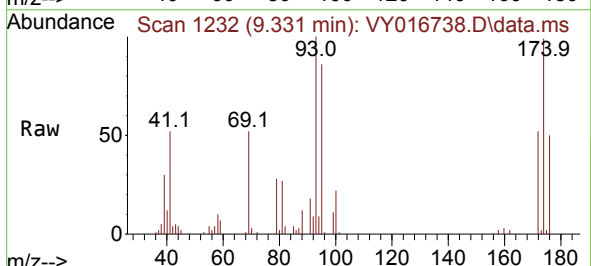
Tgt Ion: 93 Resp: 19872

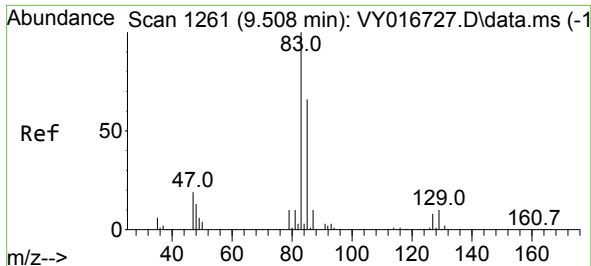
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

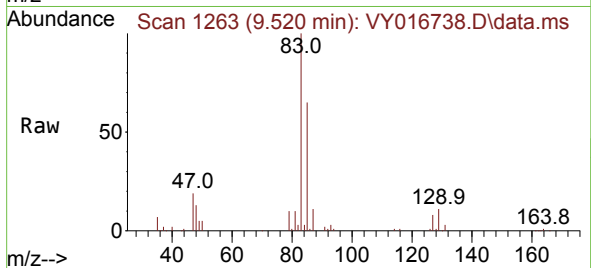
174 92.3 73.8 110.6



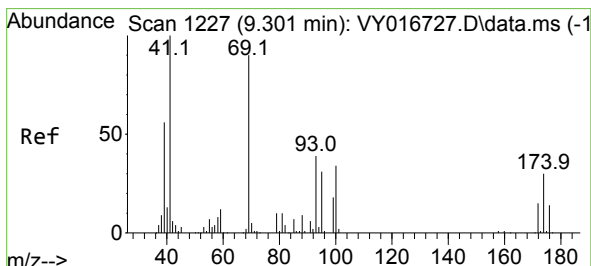
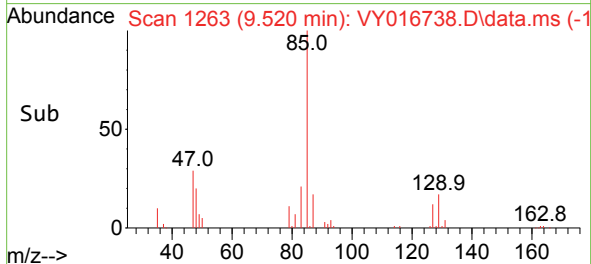
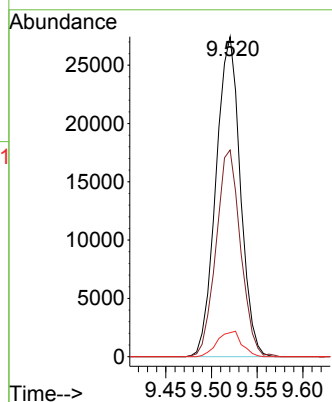


#47
Bromodichloromethane
Concen: 20.826 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Instrument :
MSVOA_Y
ClientSampleId :

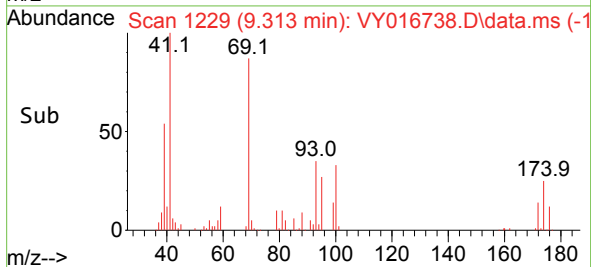
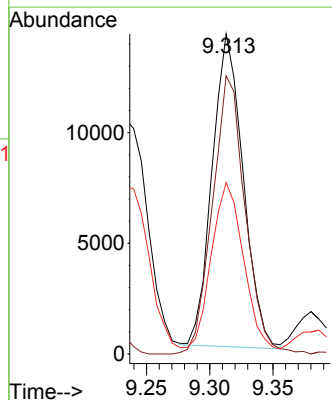
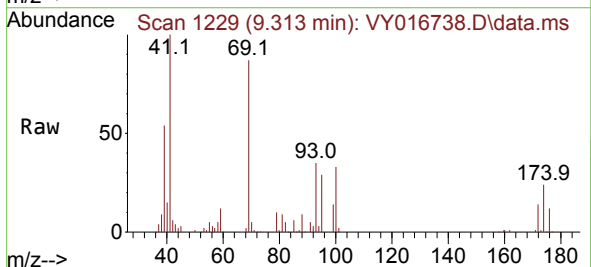


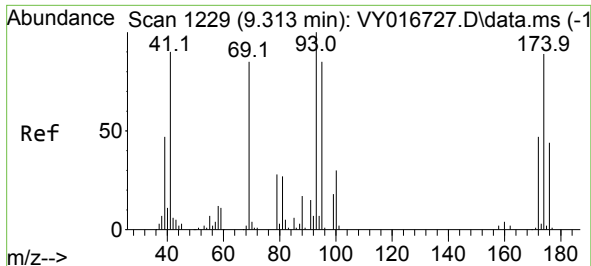
Tgt Ion: 83 Resp: 50809
Ion Ratio Lower Upper
83 100
85 64.6 53.2 79.8
127 7.5 6.4 9.6



#48
Methyl methacrylate
Concen: 21.165 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 41 Resp: 24037
Ion Ratio Lower Upper
41 100
69 93.7 72.1 108.1
39 58.7 42.8 64.2

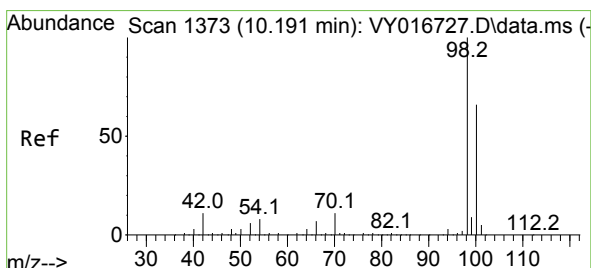
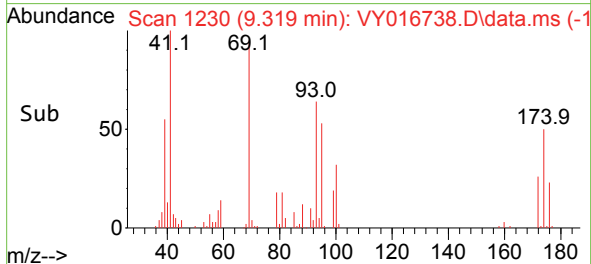
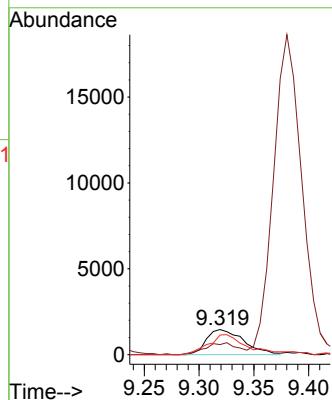
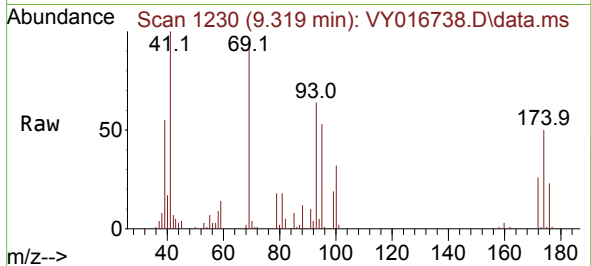




#49
1,4-Dioxane
Concen: 386.119 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

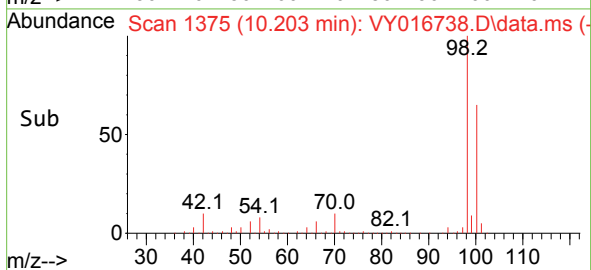
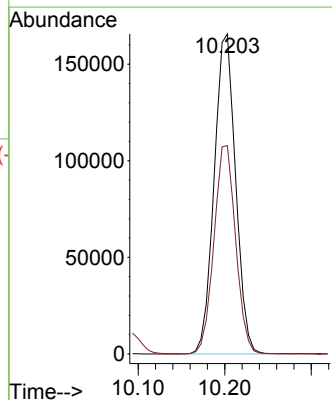
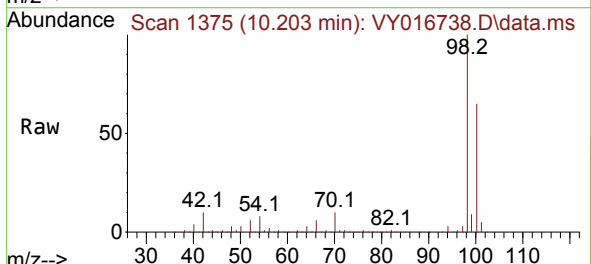
Instrument :
MSVOA_Y
ClientSampleId :

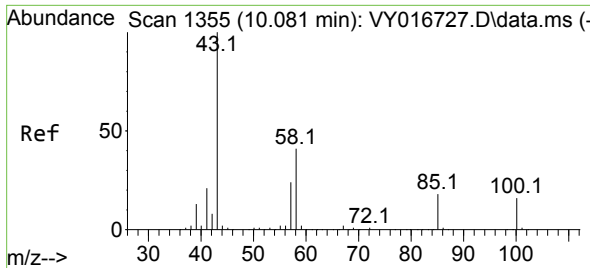
Tgt Ion: 88 Resp: 3469
Ion Ratio Lower Upper
88 100
43 41.2 28.2 42.4
58 86.1 52.2 78.2#



#50
Toluene-d8
Concen: 51.630 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 98 Resp: 284970
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 111.161 ug/l

RT: 10.087 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

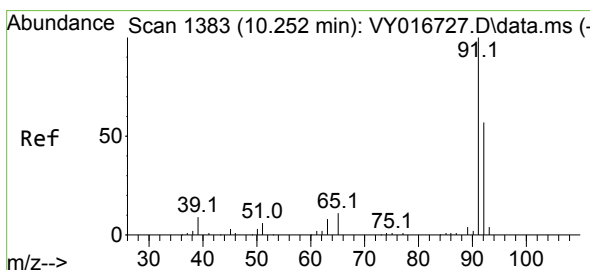
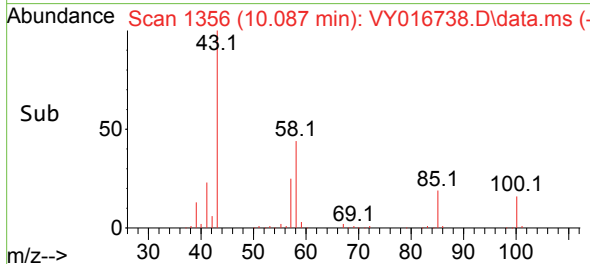
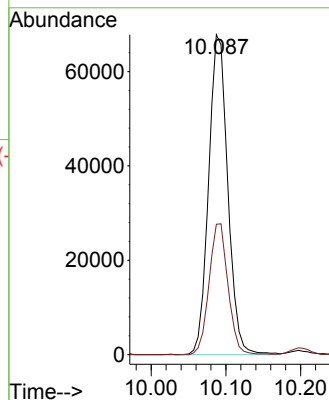
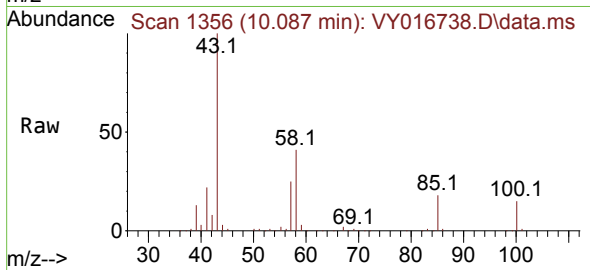
ClientSampleId :

Tgt Ion: 43 Resp: 121027

Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.2



#52

Toluene

Concen: 20.677 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016738.D

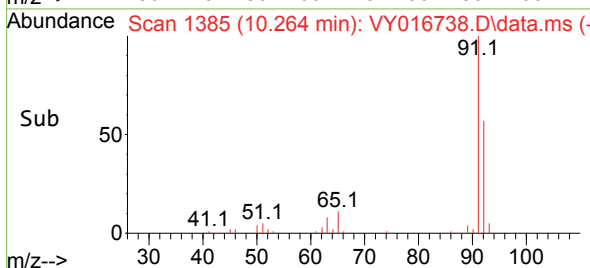
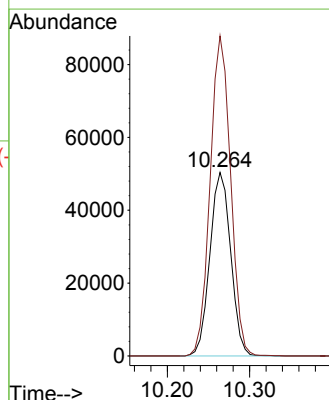
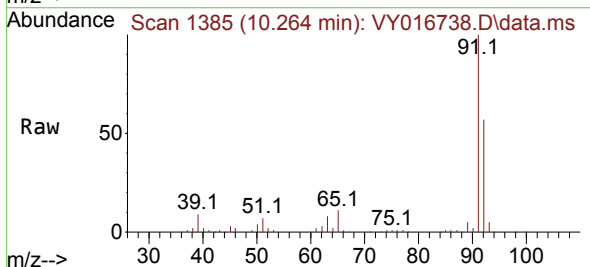
Acq: 21 Dec 2023 04:09

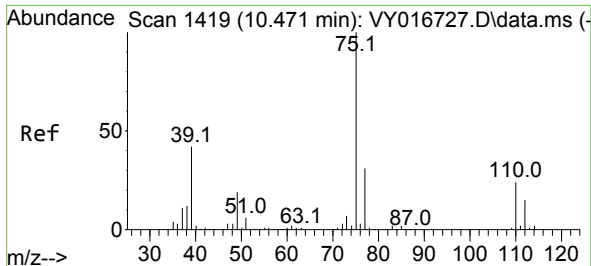
Tgt Ion: 92 Resp: 88509

Ion Ratio Lower Upper

92 100

91 171.5 137.6 206.4

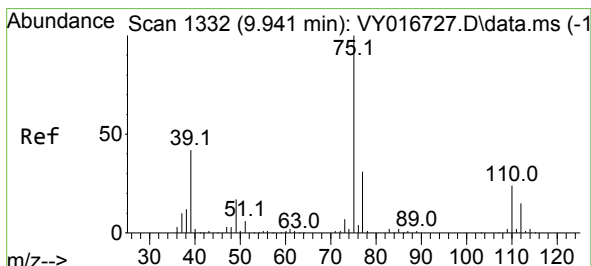
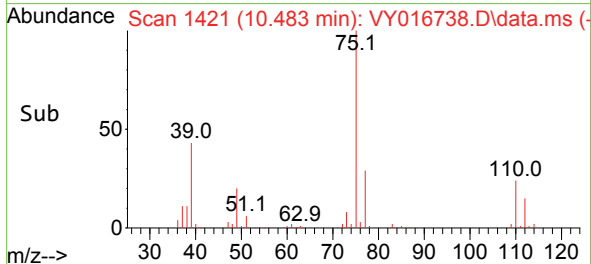
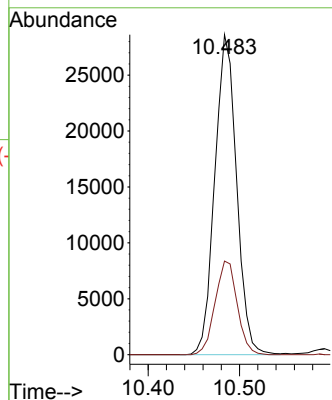
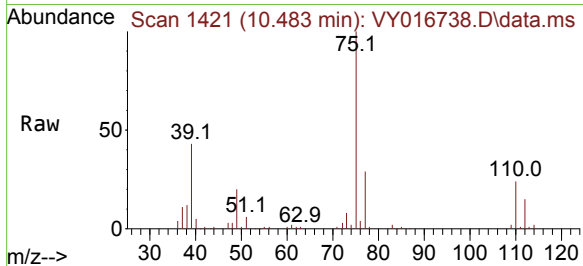




#53
 t-1,3-Dichloropropene
 Concen: 21.297 ug/l
 RT: 10.483 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

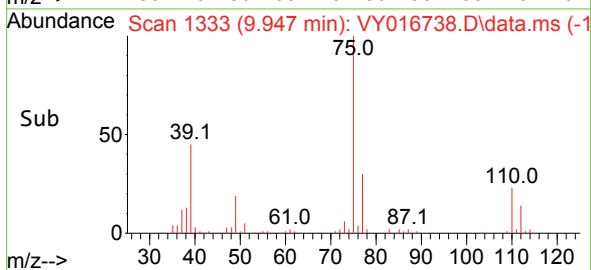
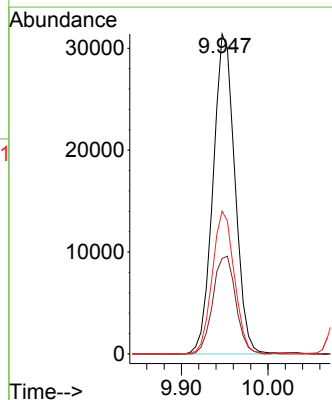
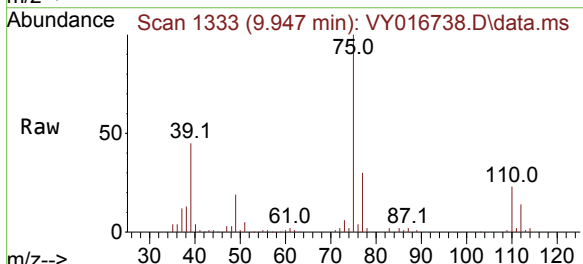
Instrument :
 MSVOA_Y
 ClientSampleId :

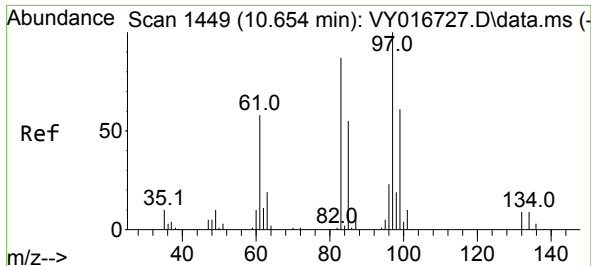
Tgt Ion: 75 Resp: 47377
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.535 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

Tgt Ion: 75 Resp: 55103
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.6 36.8
 39 44.6 33.6 50.4

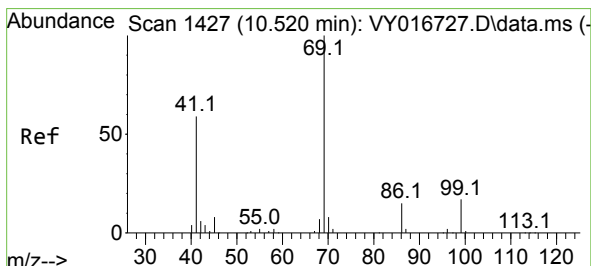
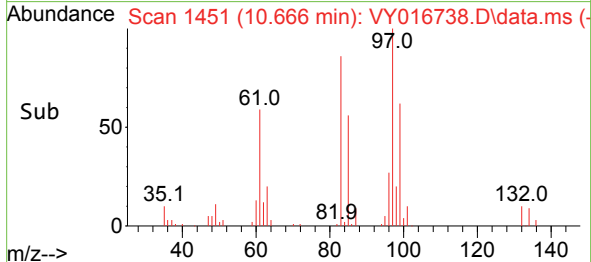
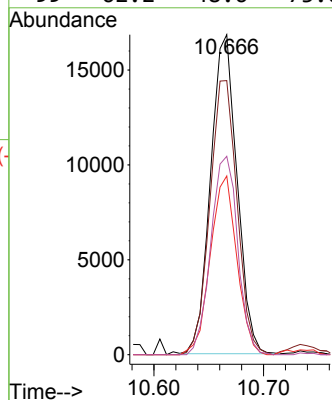
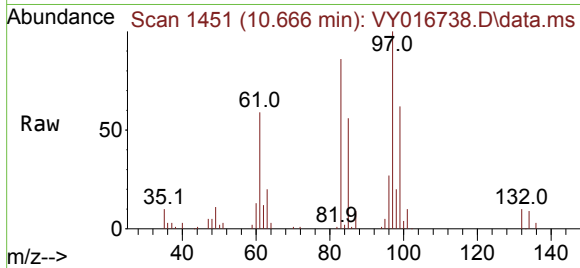




#55
1,1,2-Trichloroethane
Concen: 21.349 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

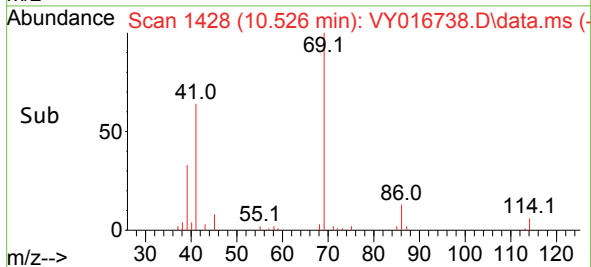
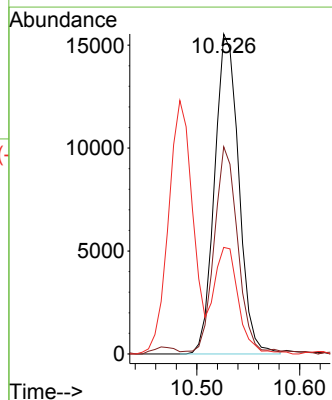
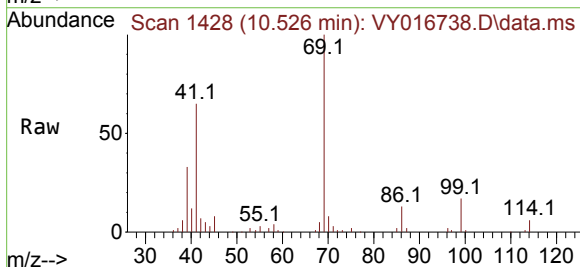
Instrument :
MSVOA_Y
ClientSampleId :

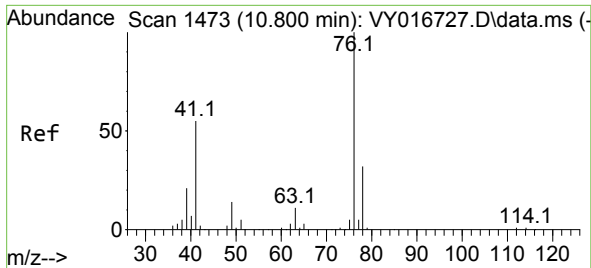
Tgt Ion: 97	Resp: 28195
Ion Ratio	Lower Upper
97 100	
83 85.9	69.4 104.2
85 56.0	43.9 65.9
99 62.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 21.881 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 69	Resp: 25411
Ion Ratio	Lower Upper
69 100	
41 64.3	49.2 73.8
39 33.7	26.8 40.2

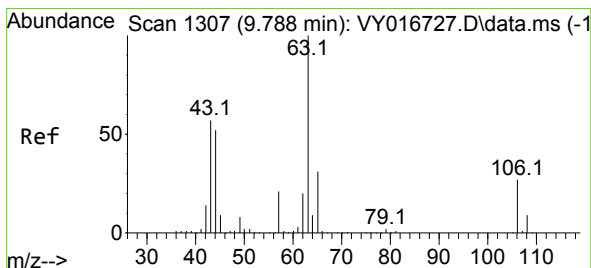
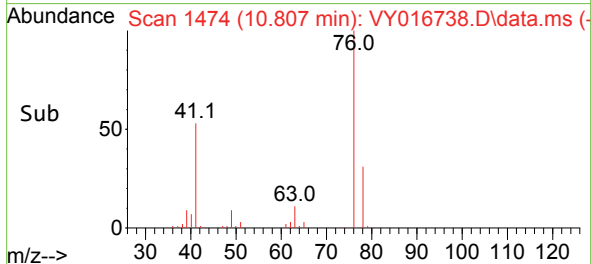
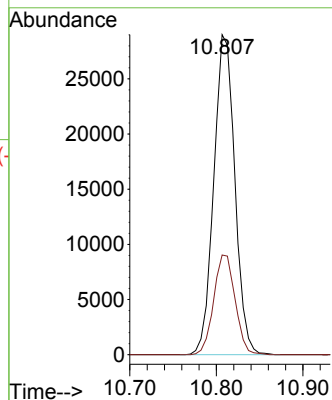
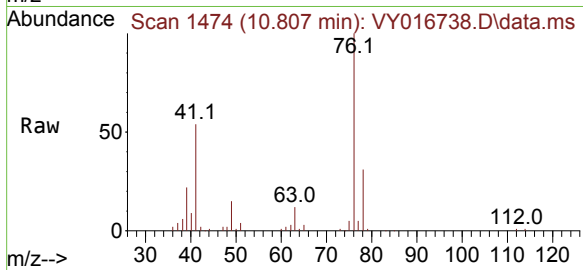




#57
1,3-Dichloropropane
Concen: 21.835 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

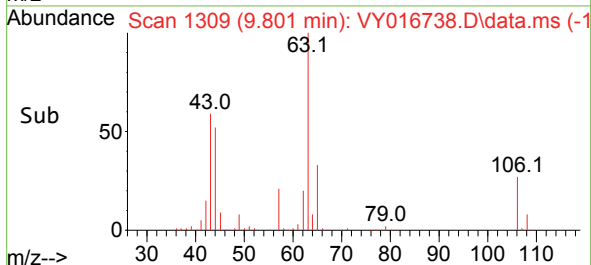
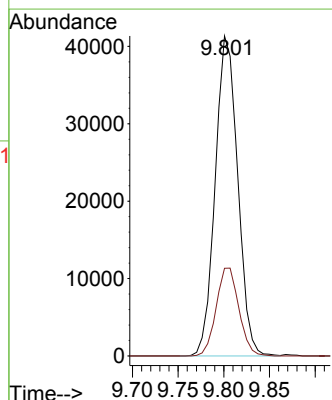
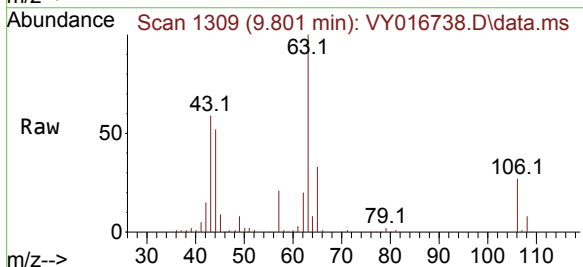
Instrument :
MSVOA_Y
ClientSampleId :

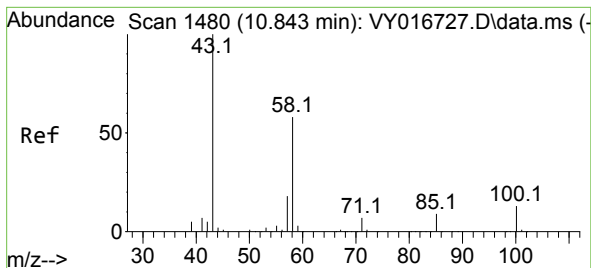
Tgt Ion: 76 Resp: 48981
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 113.342 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 63 Resp: 70809
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

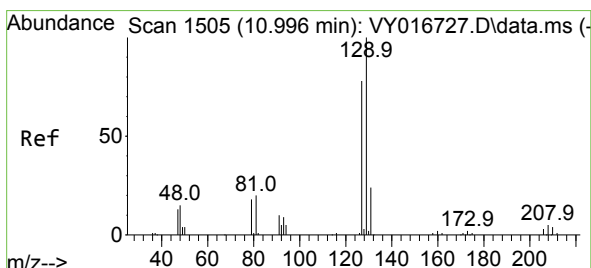
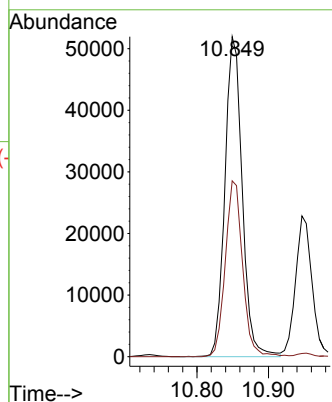
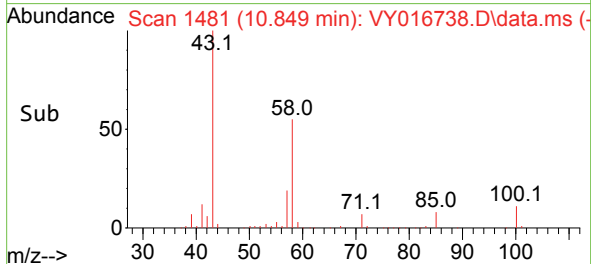
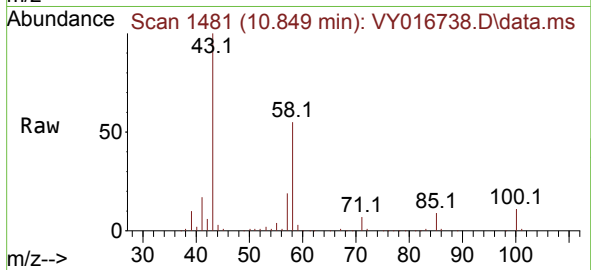




#59
2-Hexanone
Concen: 107.525 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

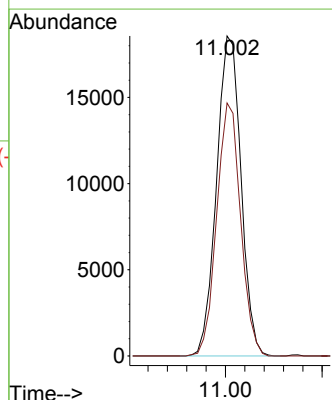
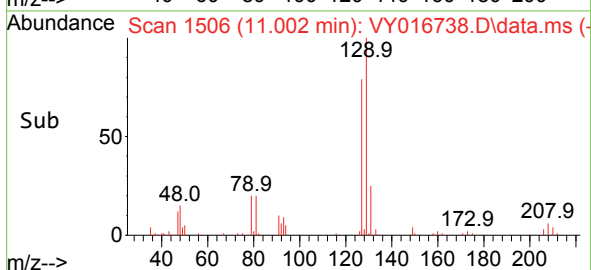
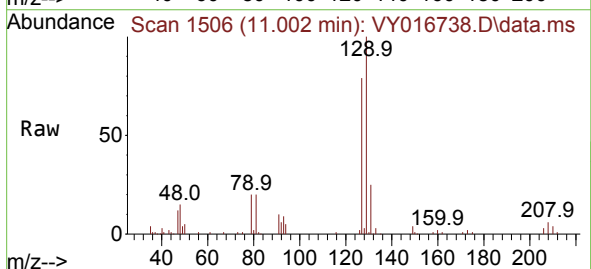
Instrument :
MSVOA_Y
ClientSampleId :

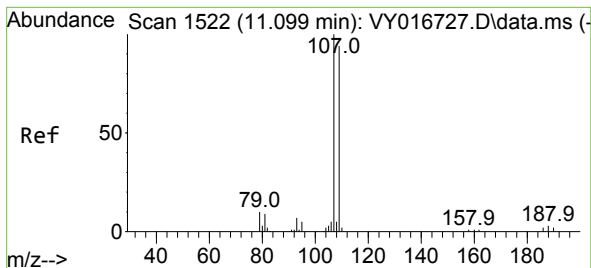
Tgt Ion: 43 Resp: 87293
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3



#60
Dibromochloromethane
Concen: 21.315 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 129 Resp: 32565
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.410 ug/l

RT: 11.111 min Scan# 1524

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

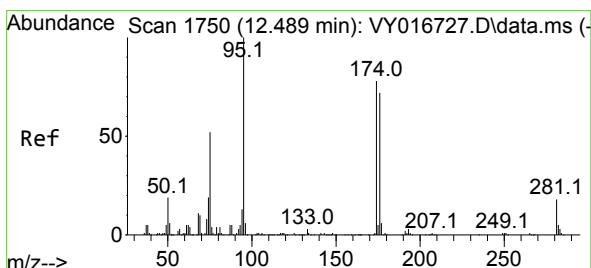
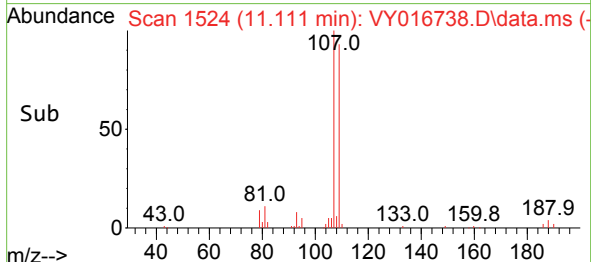
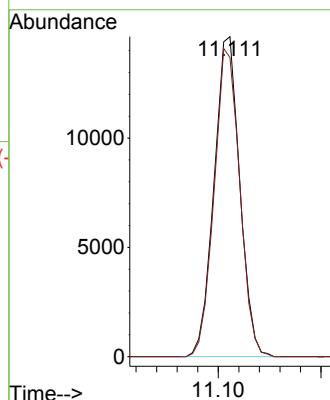
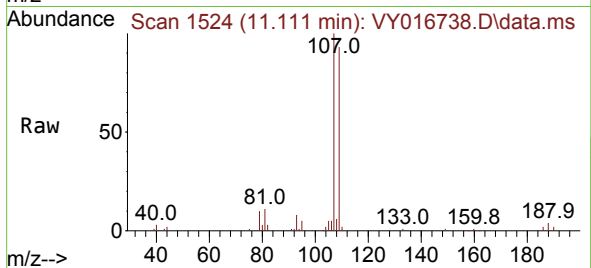
ClientSampleId :

Tgt Ion:107 Resp: 25357

Ion Ratio Lower Upper

107 100

109 95.8 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.909 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

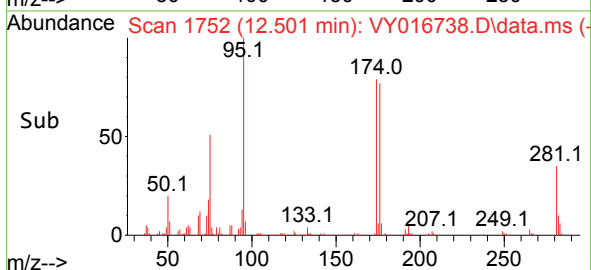
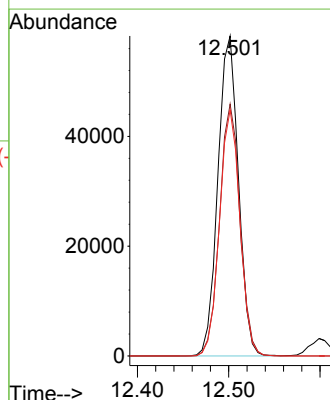
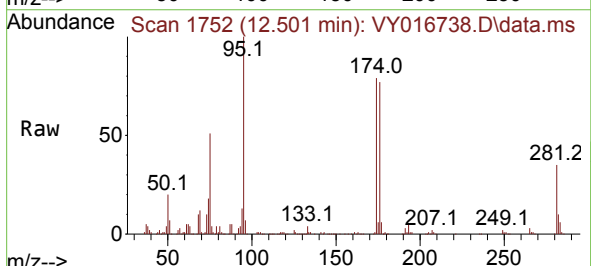
Tgt Ion: 95 Resp: 91162

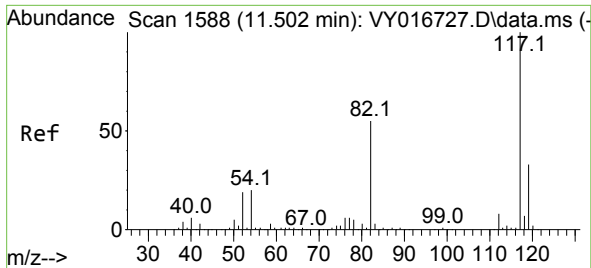
Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.0

176 76.2 0.0 151.8

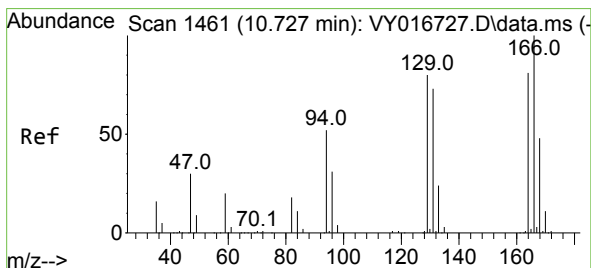
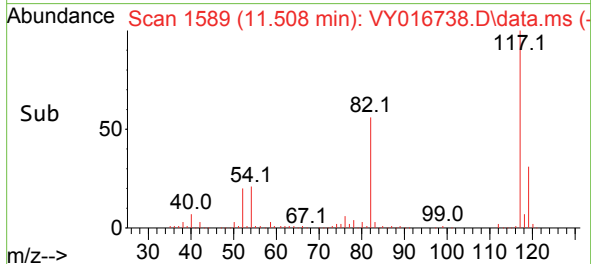
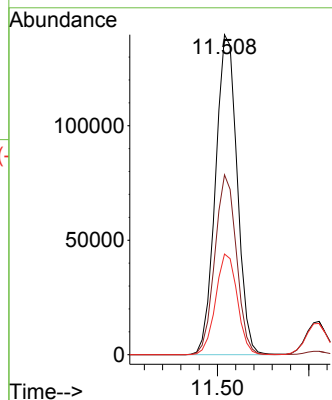
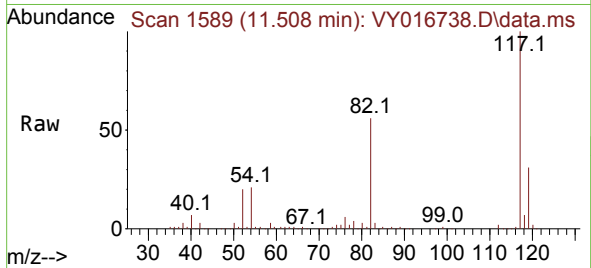




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

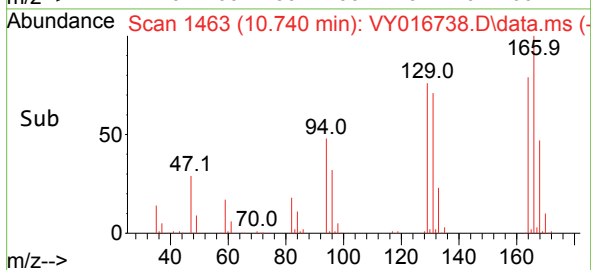
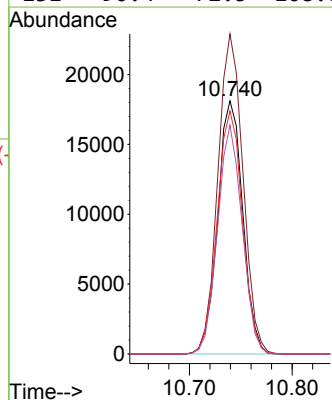
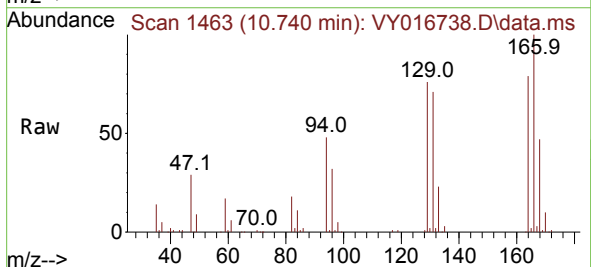
Instrument :
MSVOA_Y
ClientSampleId :

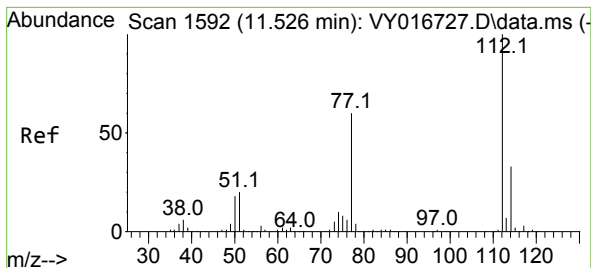
Tgt Ion:117 Resp: 230187
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 21.407 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion:164 Resp: 30610
Ion Ratio Lower Upper
164 100
166 126.5 98.8 148.2
129 96.1 78.9 118.3
131 90.4 72.5 108.7





#65

Chlorobenzene

Concen: 20.318 ug/l

RT: 11.538 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

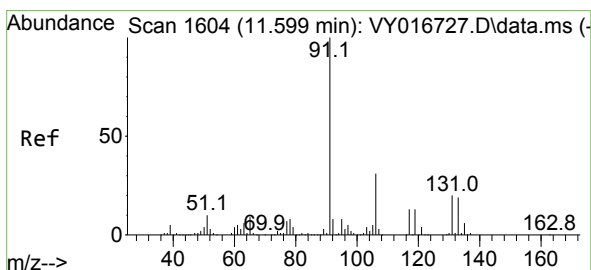
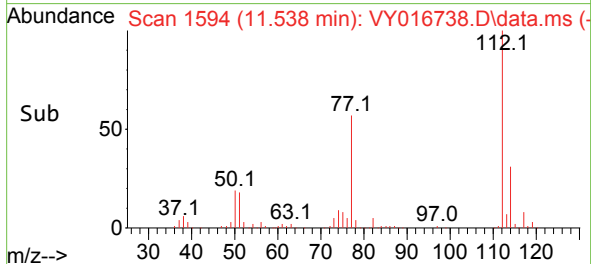
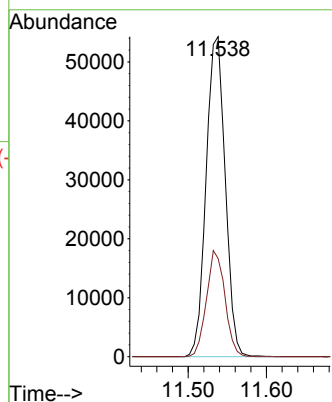
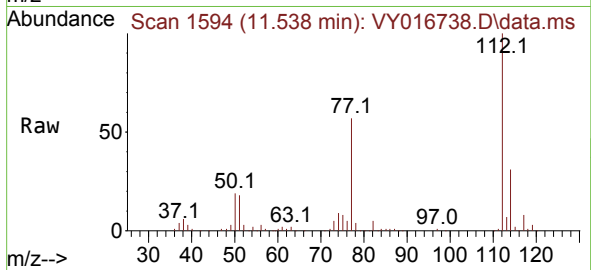
ClientSampleId :

Tgt Ion:112 Resp: 91890

Ion Ratio Lower Upper

112 100

114 30.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.006 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

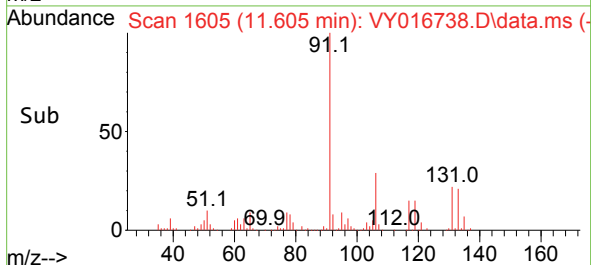
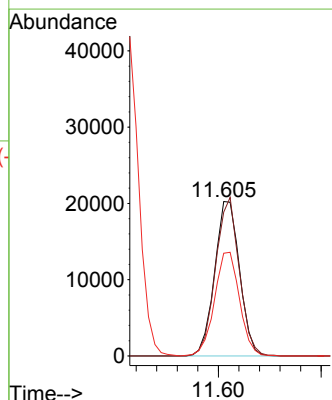
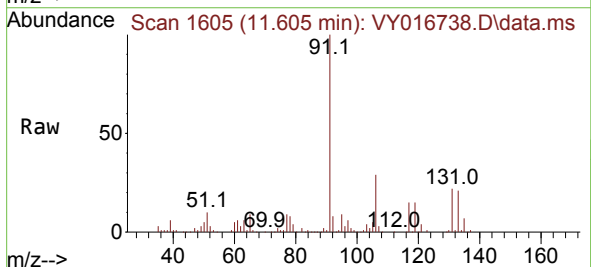
Tgt Ion:131 Resp: 34043

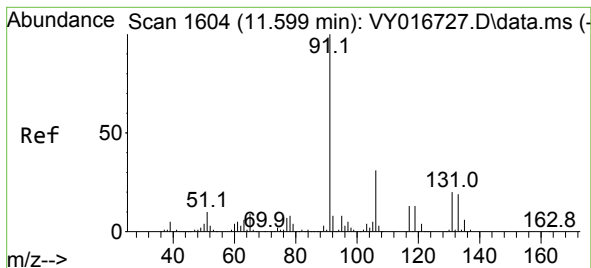
Ion Ratio Lower Upper

131 100

133 97.6 47.0 141.0

119 67.5 33.3 99.9





#67

Ethyl Benzene

Concen: 19.630 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

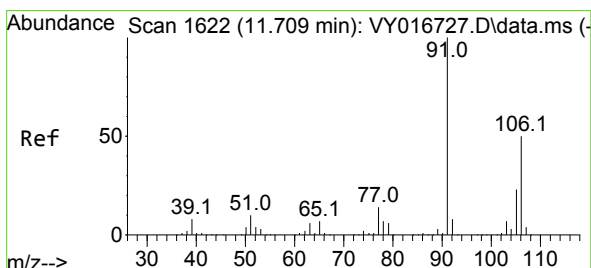
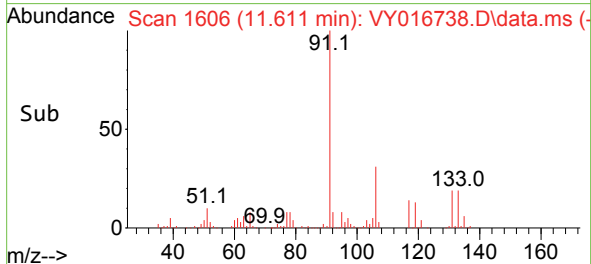
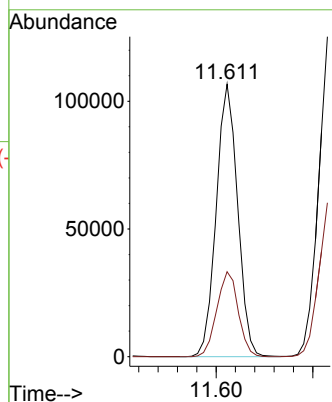
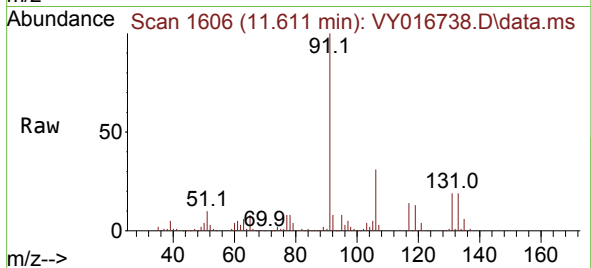
ClientSampleId :

Tgt Ion: 91 Resp: 163404

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 39.630 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016738.D

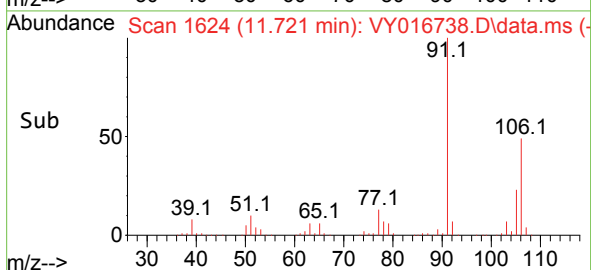
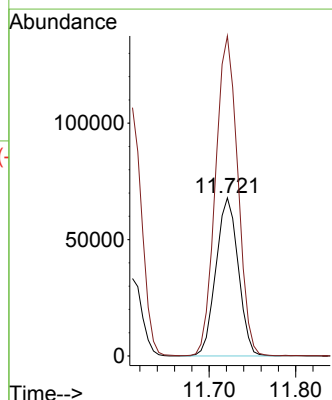
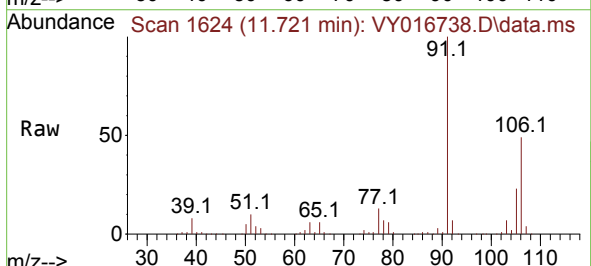
Acq: 21 Dec 2023 04:09

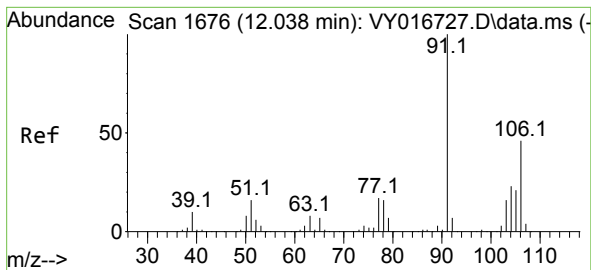
Tgt Ion:106 Resp: 121816

Ion Ratio Lower Upper

106 100

91 201.7 160.7 241.1





#69

o-Xylene

Concen: 20.359 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

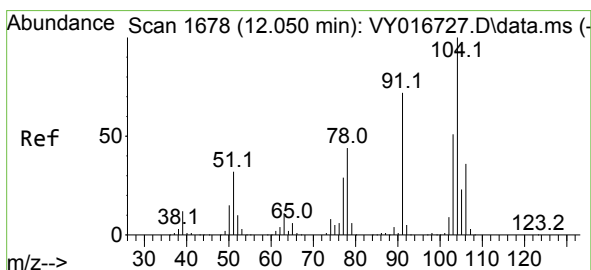
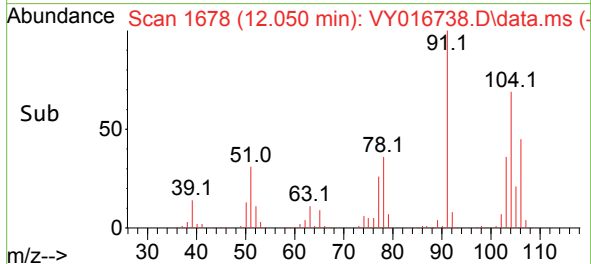
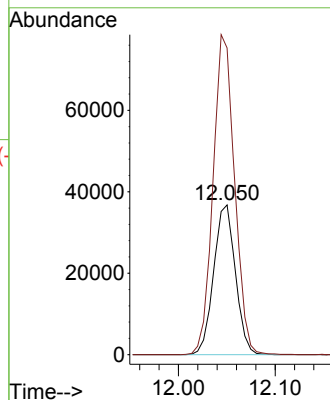
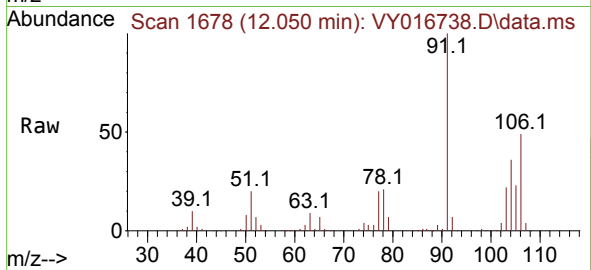
ClientSampleId :

Tgt Ion:106 Resp: 57413

Ion Ratio Lower Upper

106 100

91 211.9 106.5 319.5



#70

Styrene

Concen: 20.226 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

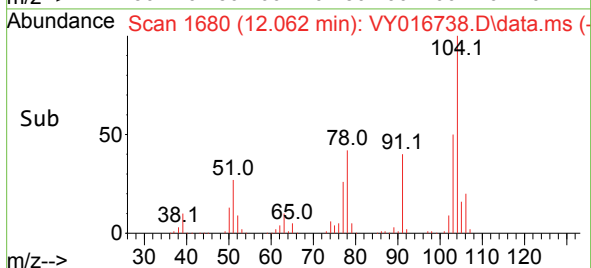
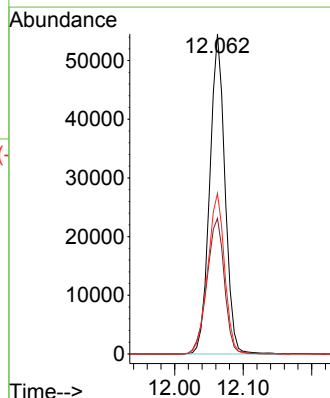
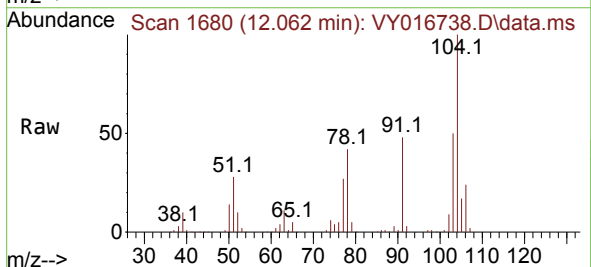
Tgt Ion:104 Resp: 84400

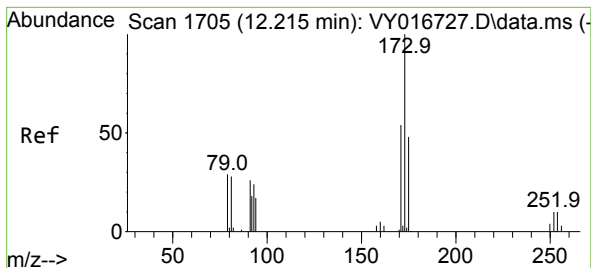
Ion Ratio Lower Upper

104 100

78 48.4 39.2 58.8

103 55.4 43.8 65.6





#71

Bromoform

Concen: 20.913 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

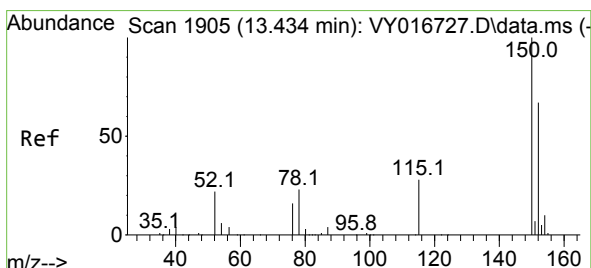
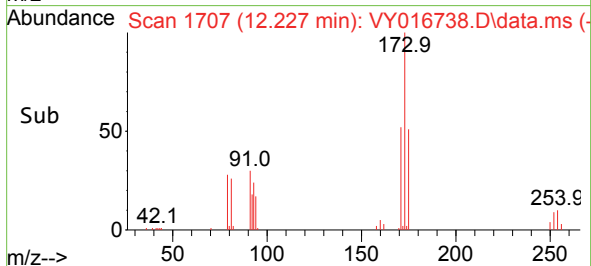
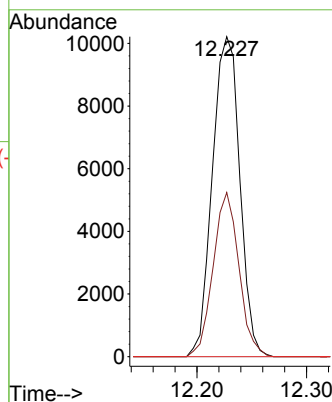
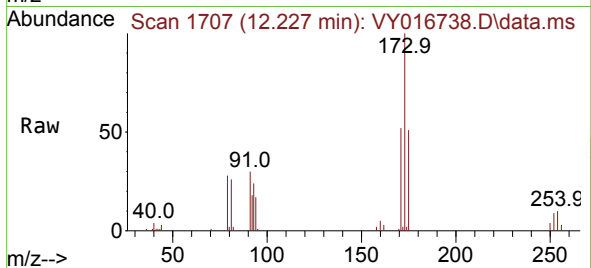
Tgt Ion:173 Resp: 17741

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

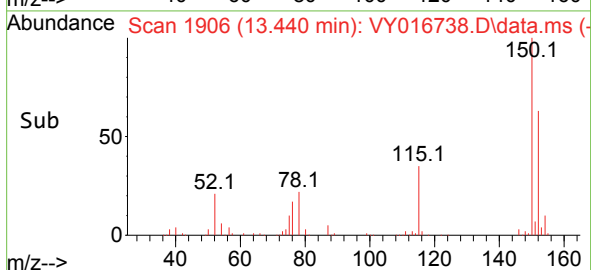
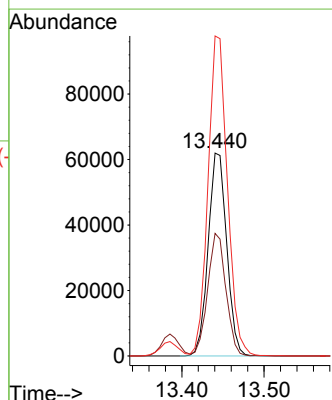
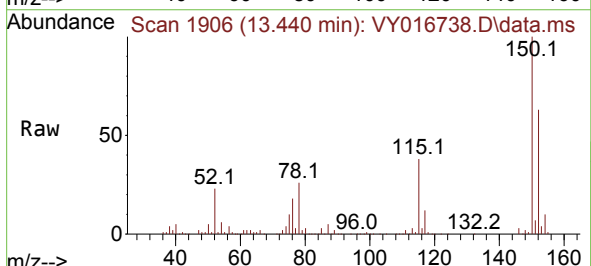
Tgt Ion:152 Resp: 97069

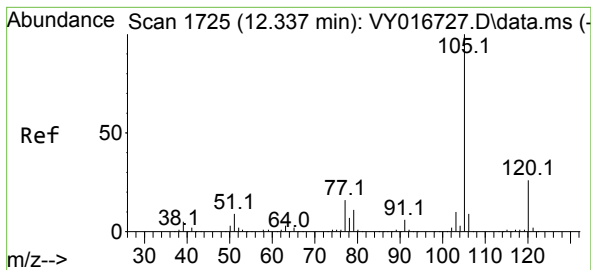
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 164.7 0.0 344.6





#73

Isopropylbenzene

Concen: 20.155 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

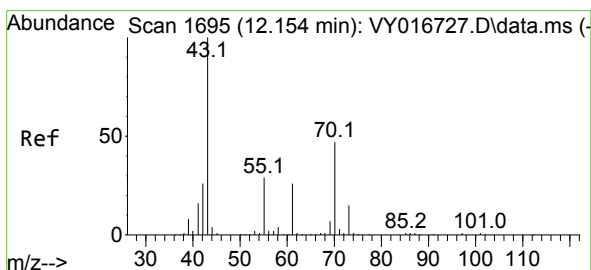
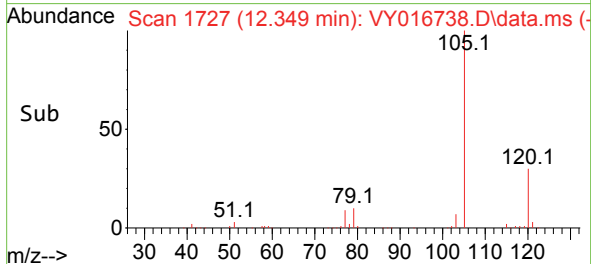
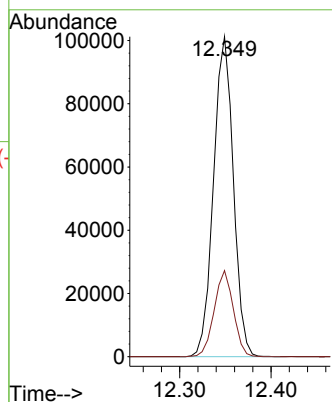
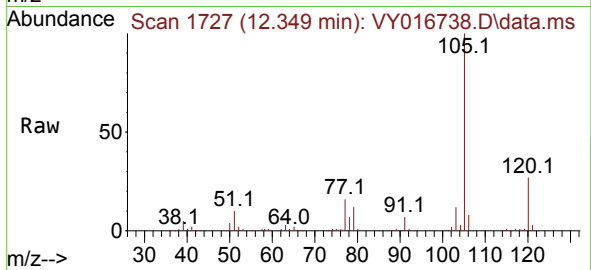
ClientSampleId :

Tgt Ion:105 Resp: 152368

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 22.157 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Tgt Ion: 43 Resp: 35154

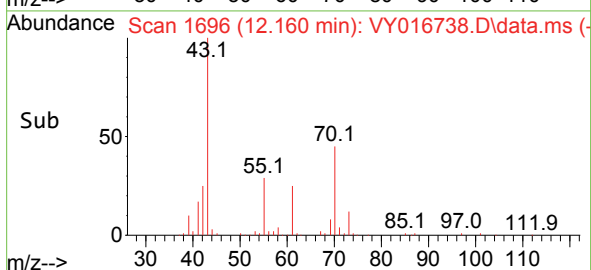
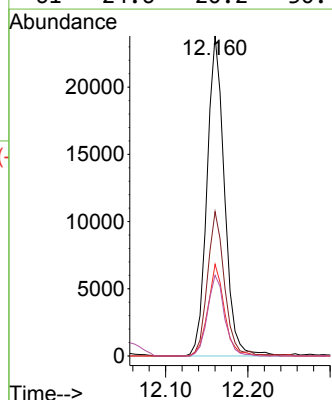
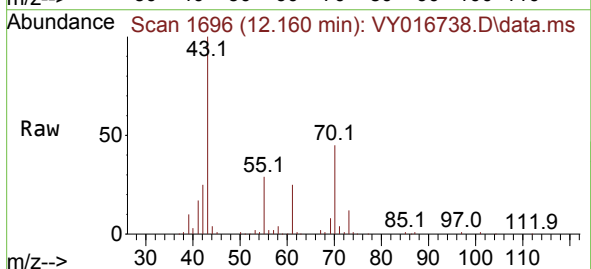
Ion Ratio Lower Upper

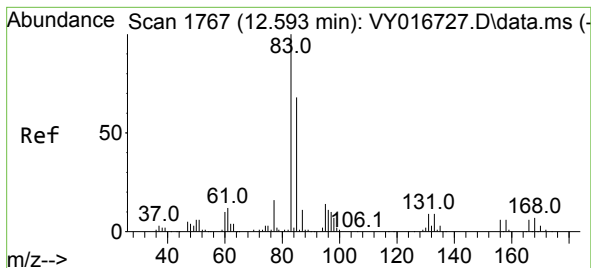
43 100

70 44.2 36.6 55.0

55 27.3 22.2 33.4

61 24.6 20.2 30.4

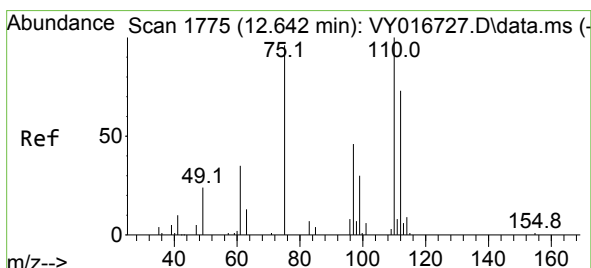
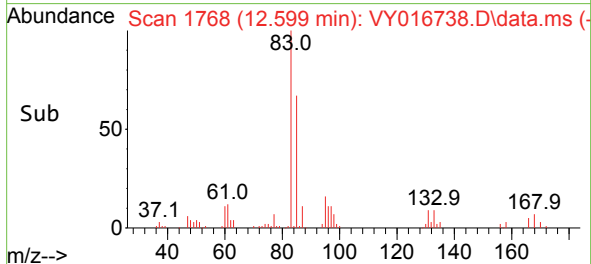
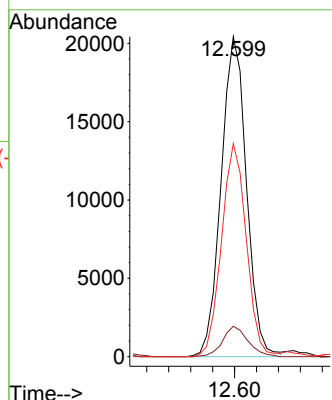
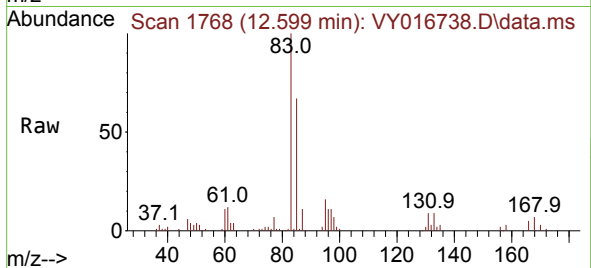




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.714 ug/l
 RT: 12.599 min Scan# 1768
 Delta R.T. 0.006 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

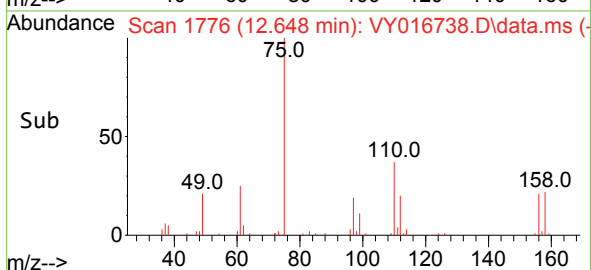
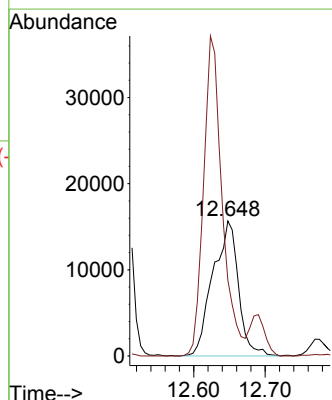
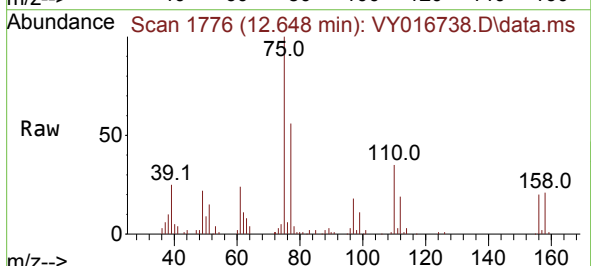
Instrument :
 MSVOA_Y
 ClientSampleId :

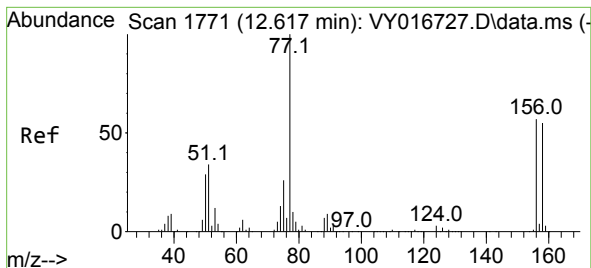
Tgt Ion: 83 Resp: 32804
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.6
 85 64.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 36.248 ug/l
 RT: 12.648 min Scan# 1776
 Delta R.T. 0.006 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

Tgt Ion: 75 Resp: 38896
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.431 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016738.D

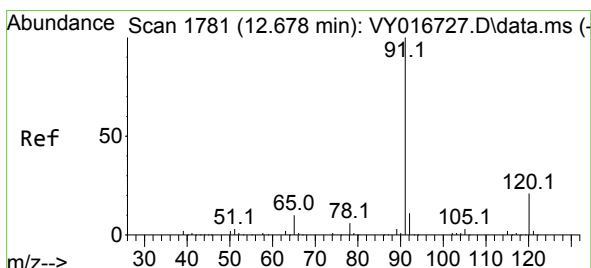
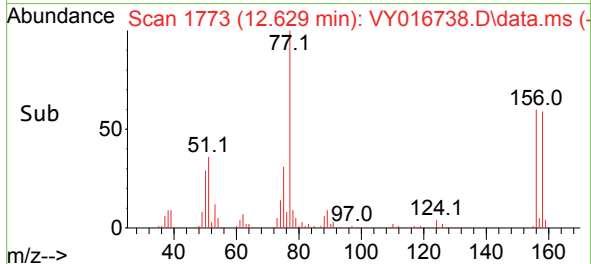
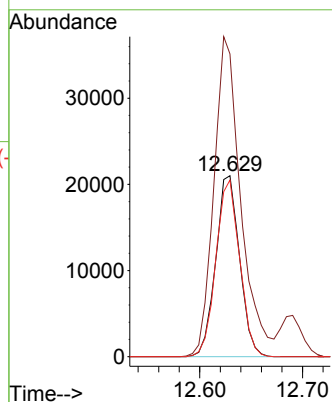
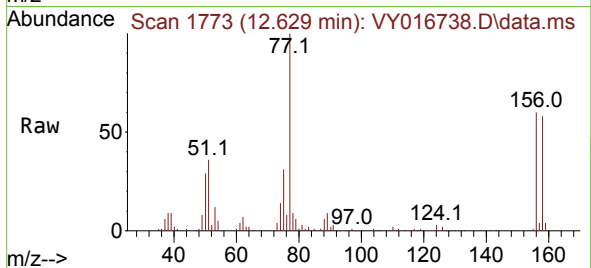
Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	33696
Ion Ratio	Lower	Upper	
156	100		
77	200.1	97.3	291.8
158	97.5	48.4	145.0



#78

n-propylbenzene

Concen: 20.373 ug/l

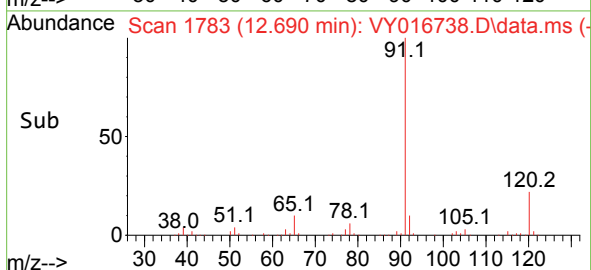
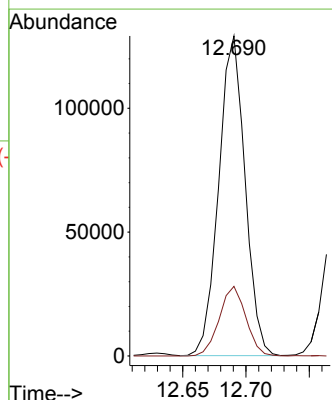
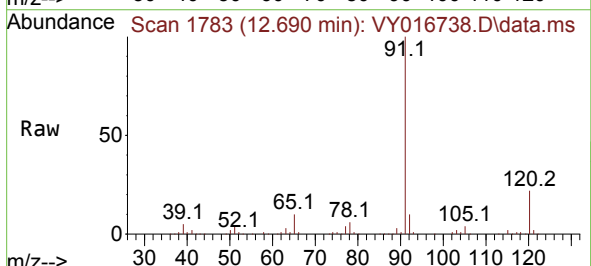
RT: 12.690 min Scan# 1783

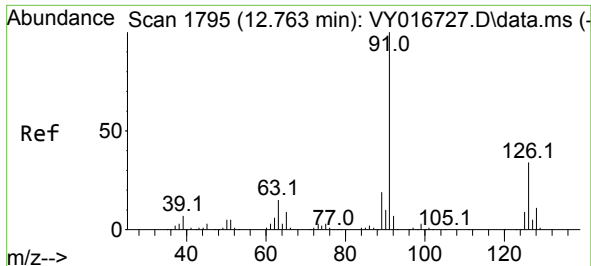
Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Tgt Ion:	91	Resp:	186601
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 20.868 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

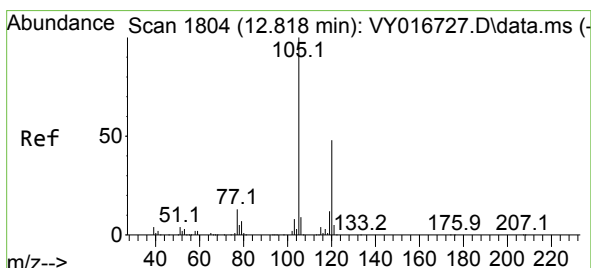
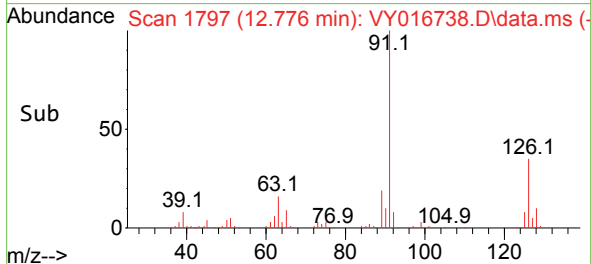
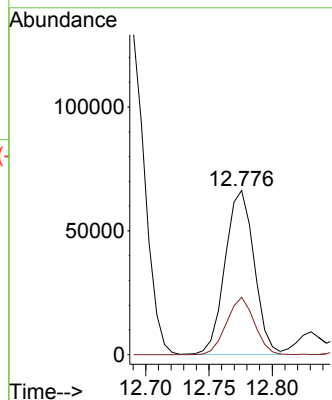
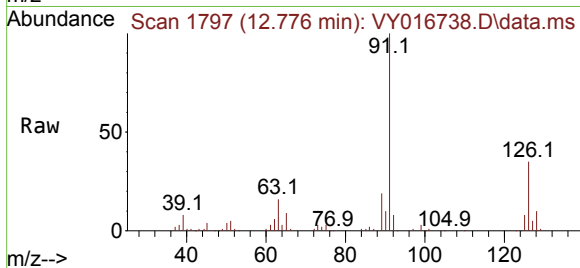
ClientSampleId :

Tgt Ion: 91 Resp: 105765

Ion Ratio Lower Upper

91 100

126 33.6 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.399 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY016738.D

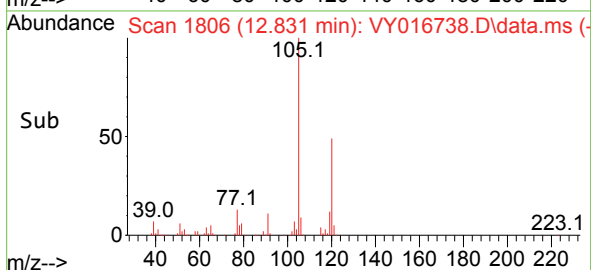
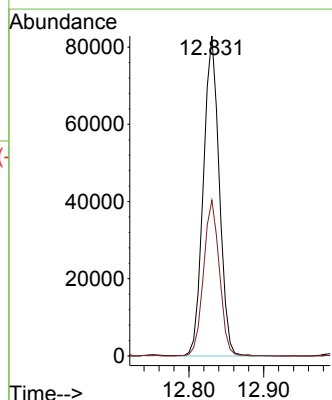
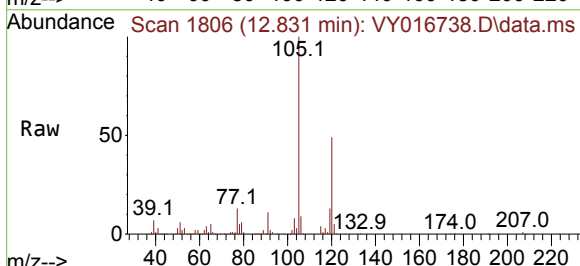
Acq: 21 Dec 2023 04:09

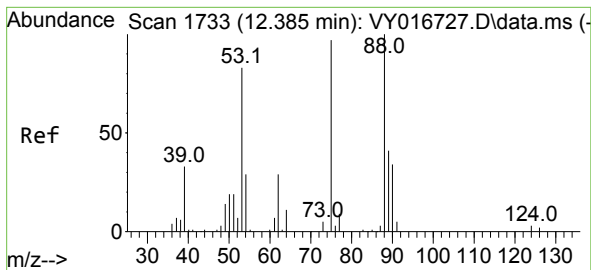
Tgt Ion:105 Resp: 122074

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

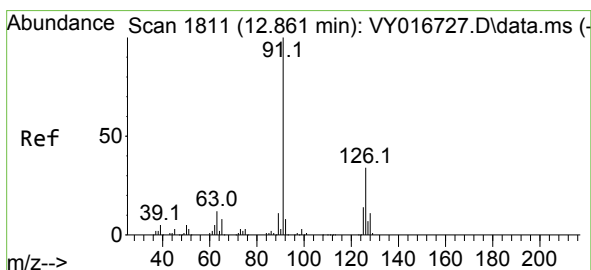
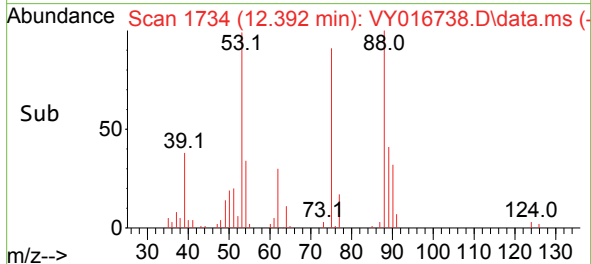
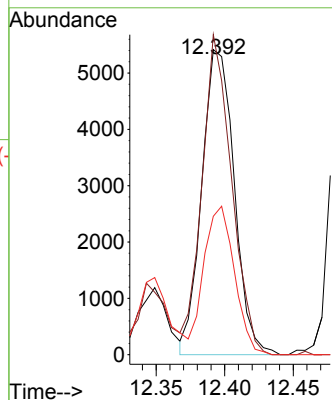
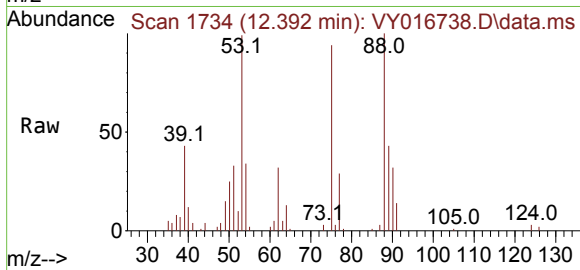




#81
trans-1,4-Dichloro-2-butene
Concen: 19.509 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

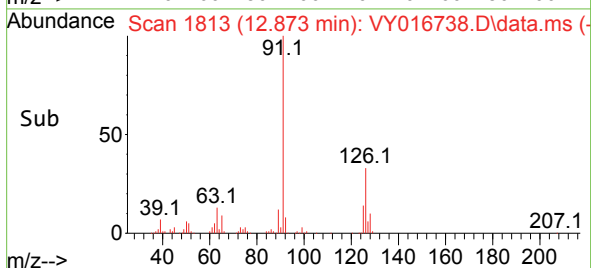
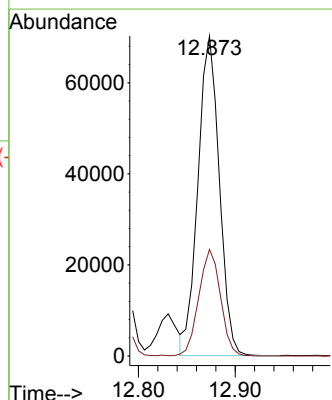
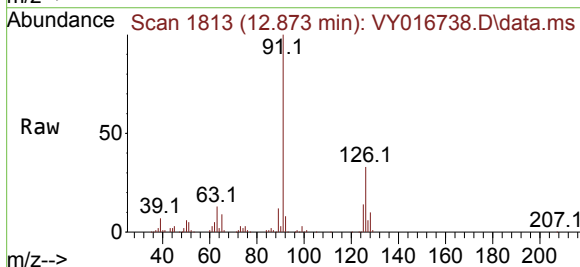
Instrument :
MSVOA_Y
ClientSampleId :

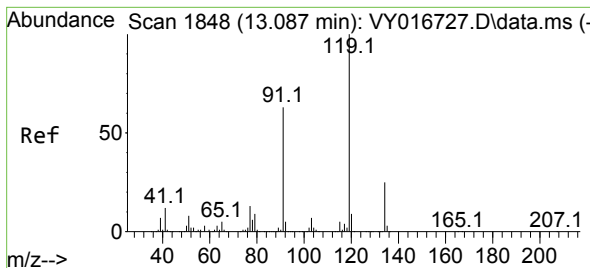
Tgt Ion: 75 Resp: 8914
Ion Ratio Lower Upper
75 100
53 96.2 74.0 111.0
89 45.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.722 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 91 Resp: 107746
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.157 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

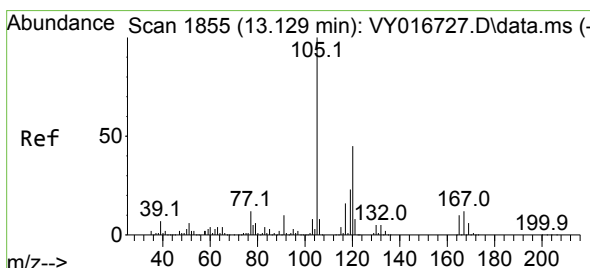
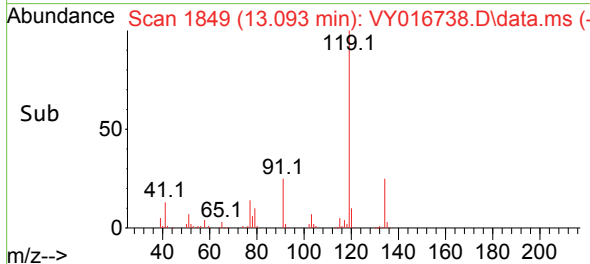
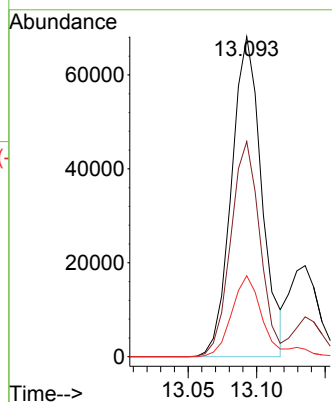
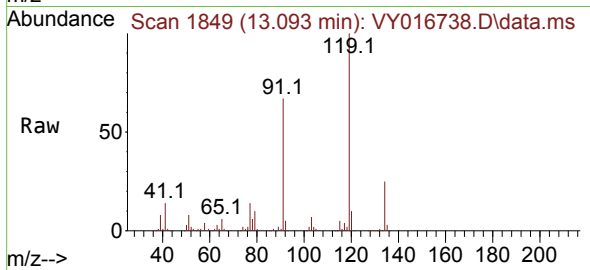
Tgt Ion:119 Resp: 104924

Ion Ratio Lower Upper

119 100

91 65.0 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.689 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016738.D

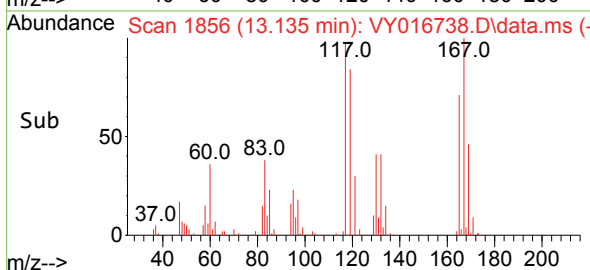
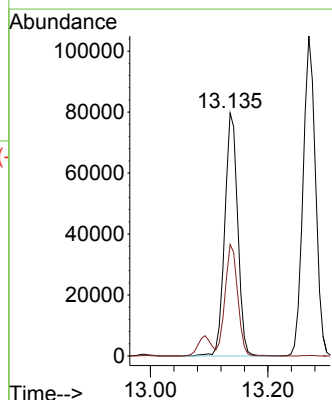
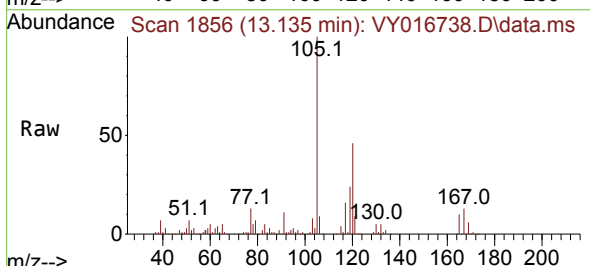
Acq: 21 Dec 2023 04:09

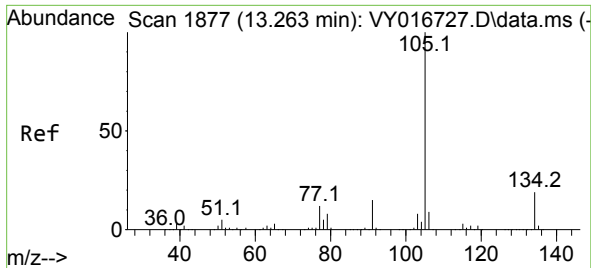
Tgt Ion:105 Resp: 122085

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3

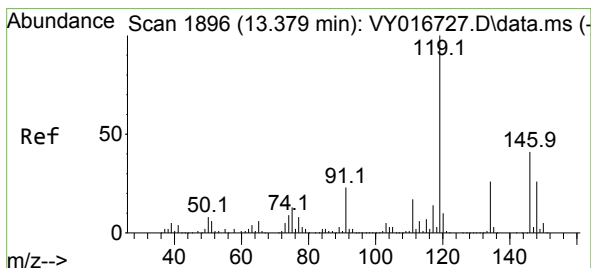
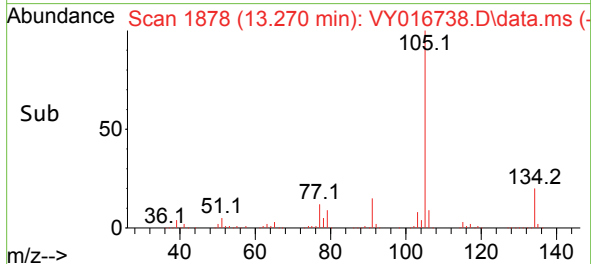
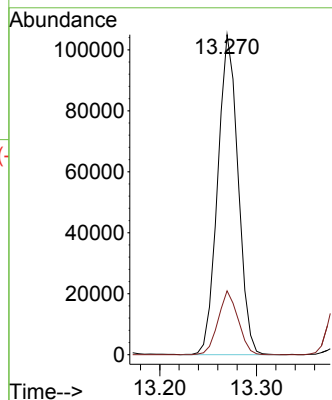
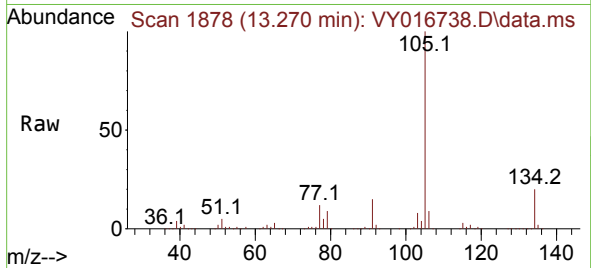




#85
 sec-Butylbenzene
 Concen: 19.935 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

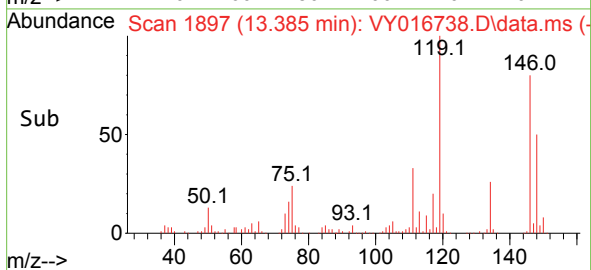
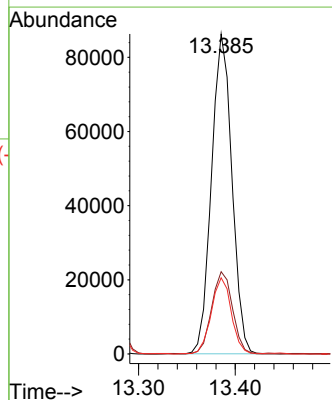
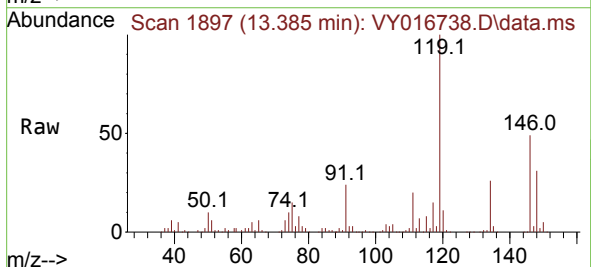
Instrument :
 MSVOA_Y
 ClientSampleId :

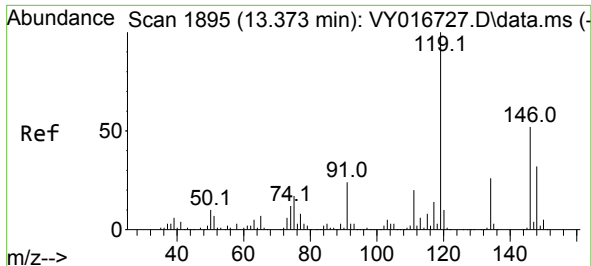
Tgt Ion:105 Resp: 153698
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.706 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016738.D
 Acq: 21 Dec 2023 04:09

Tgt Ion:119 Resp: 126531
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.035 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

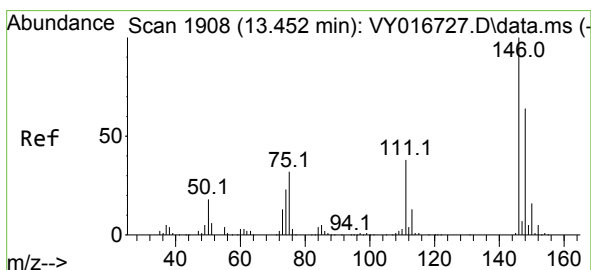
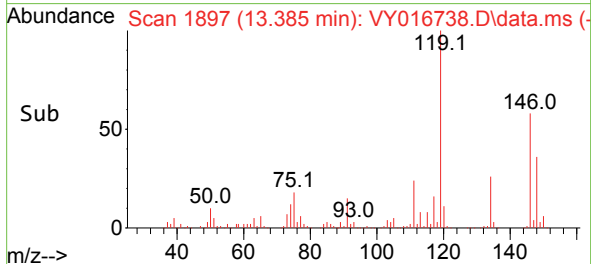
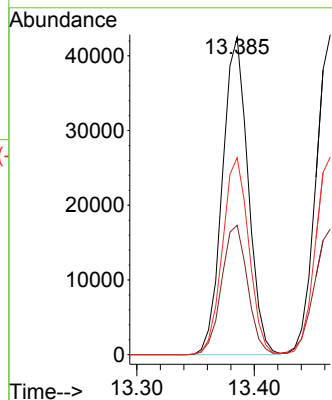
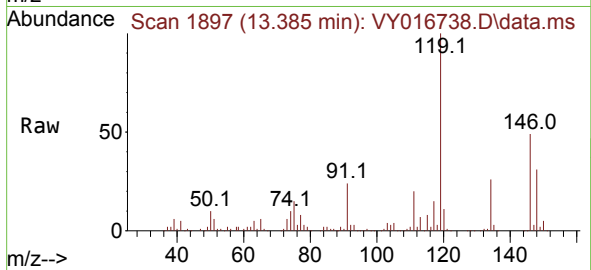
Tgt Ion:146 Resp: 64574

Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.788 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

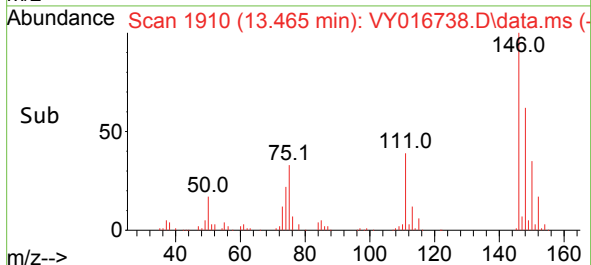
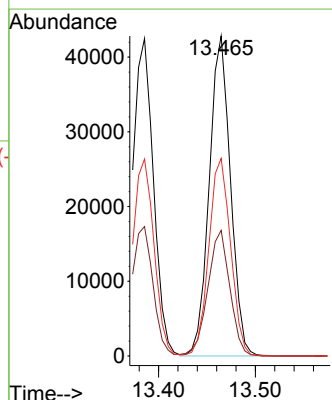
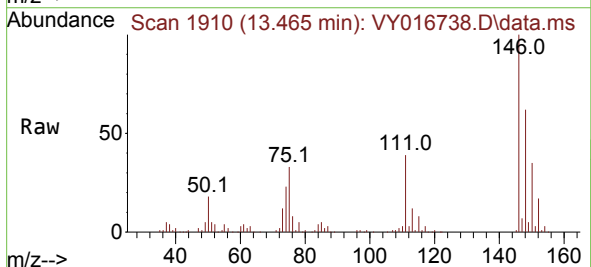
Tgt Ion:146 Resp: 65423

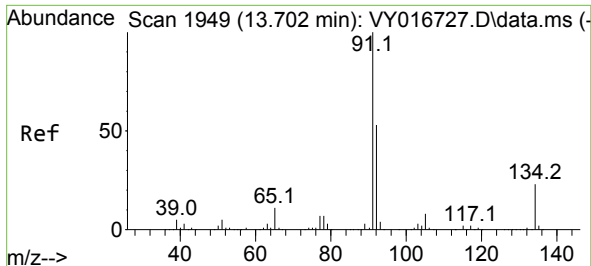
Ion Ratio Lower Upper

146 100

111 40.8 19.3 57.9

148 63.3 31.6 94.7

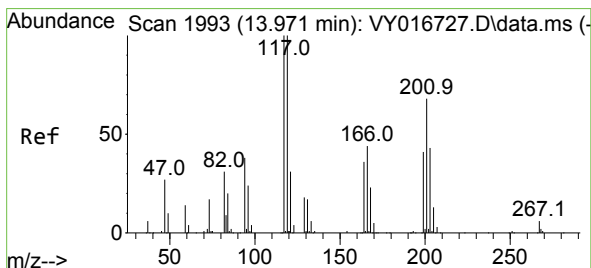
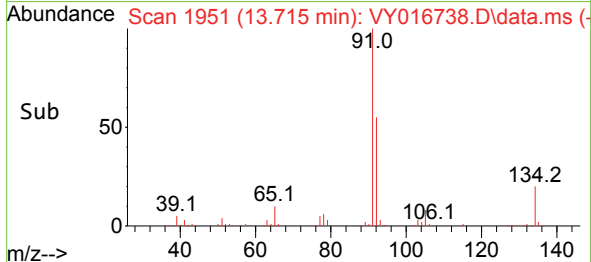
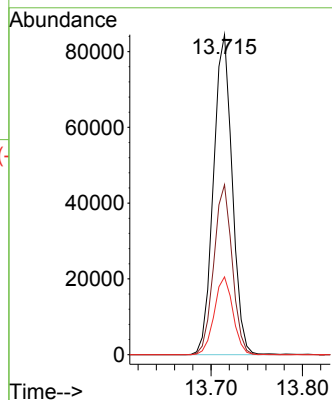
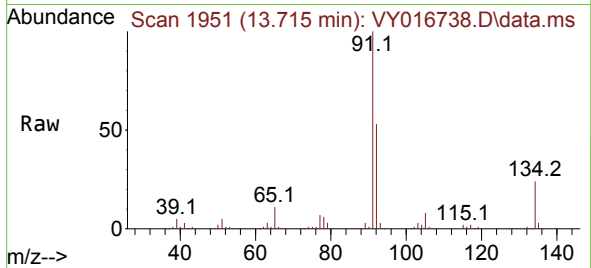




#89
n-Butylbenzene
Concen: 19.576 ug/l
RT: 13.715 min Scan# 1949
Delta R.T. 0.012 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

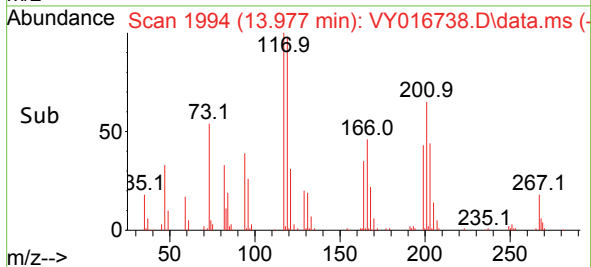
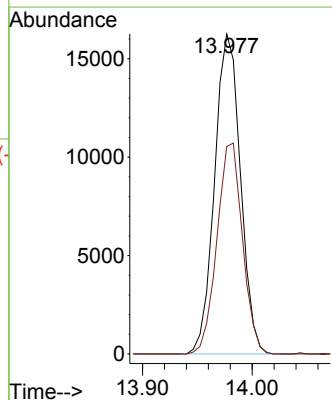
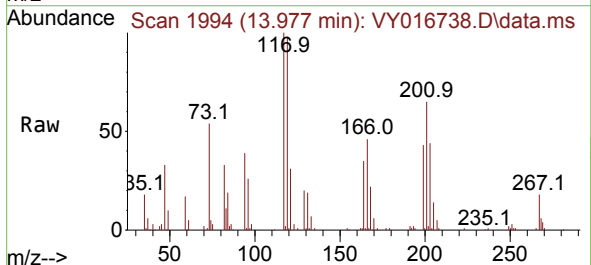
Instrument :
MSVOA_Y
ClientSampleId :

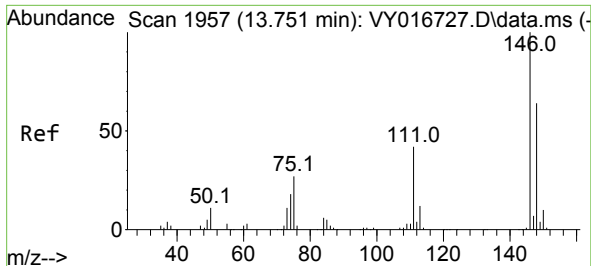
Tgt Ion: 91 Resp: 120151
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 19.904 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016738.D
Acq: 21 Dec 2023 04:09

Tgt Ion: 117 Resp: 26612
Ion Ratio Lower Upper
117 100
201 65.2 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.630 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

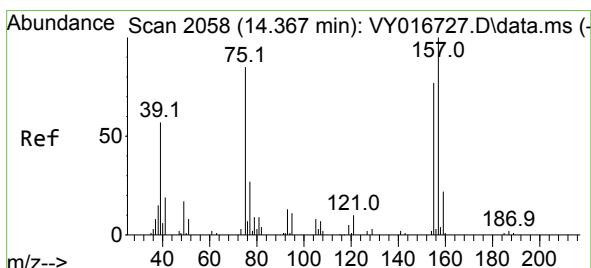
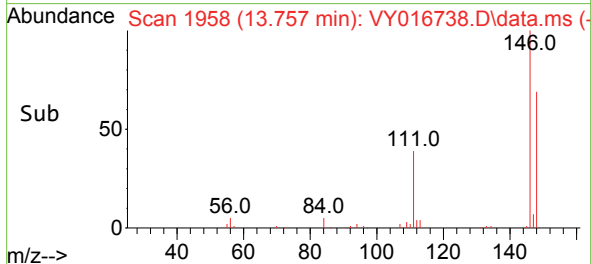
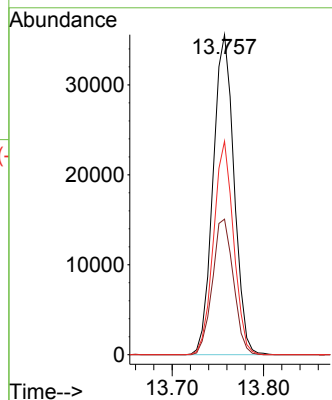
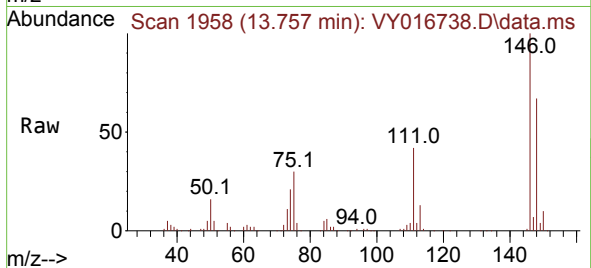
Tgt Ion:146 Resp: 56645

Ion Ratio Lower Upper

146 100

111 42.4 20.5 61.6

148 63.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.147 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

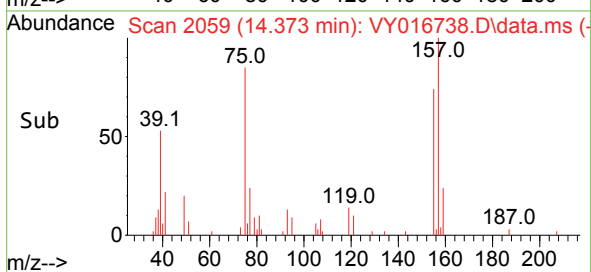
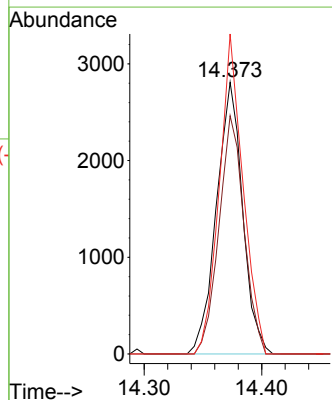
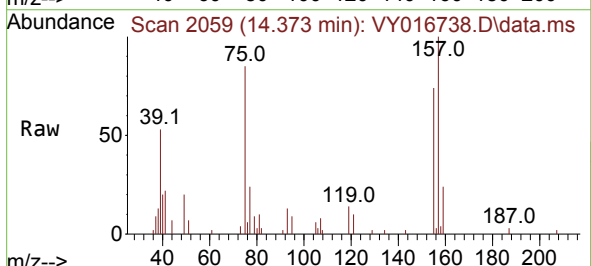
Tgt Ion: 75 Resp: 4337

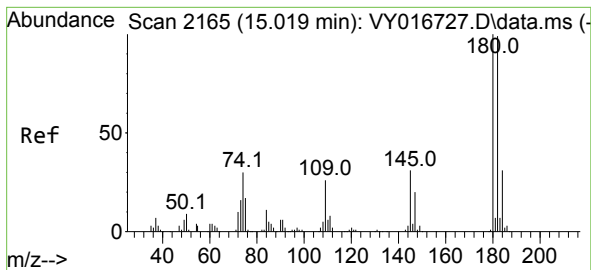
Ion Ratio Lower Upper

75 100

155 83.7 42.1 126.3

157 106.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.022 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016738.D

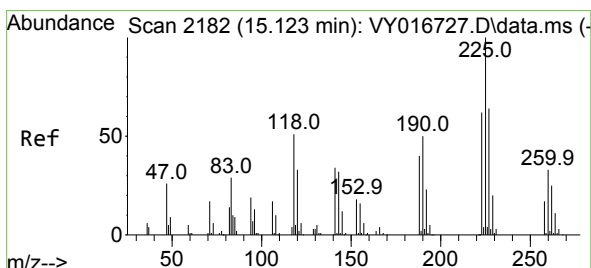
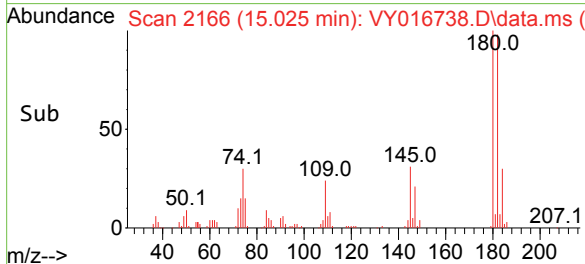
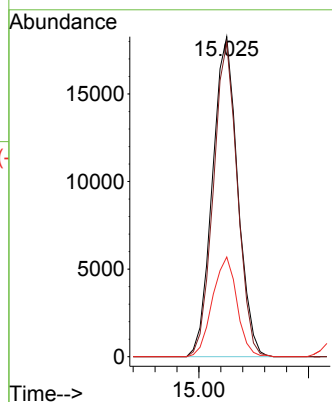
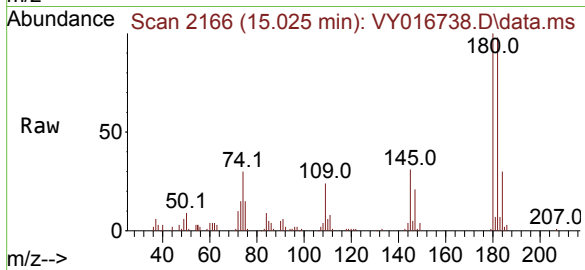
Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	29171
Ion Ratio	Lower	Upper
180	100	
182	93.3	47.9 143.7
145	30.3	15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.621 ug/l

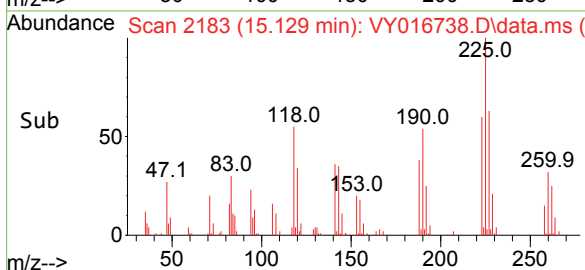
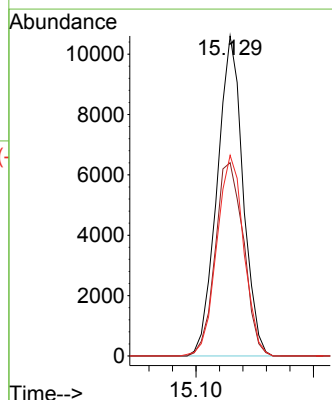
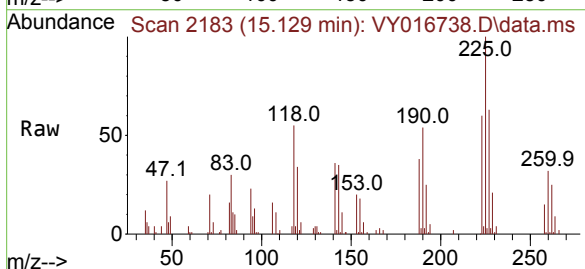
RT: 15.129 min Scan# 2183

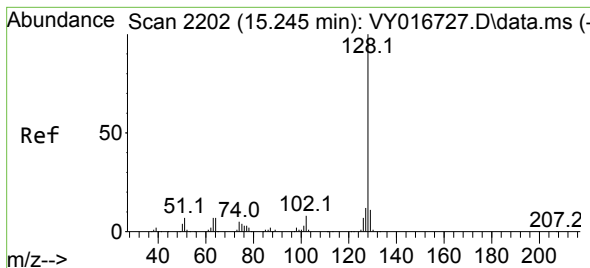
Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Tgt Ion:225	Resp:	16237
Ion Ratio	Lower	Upper
225	100	
223	65.9	31.4 94.3
227	65.2	32.3 96.8





#95

Naphthalene

Concen: 20.237 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016738.D

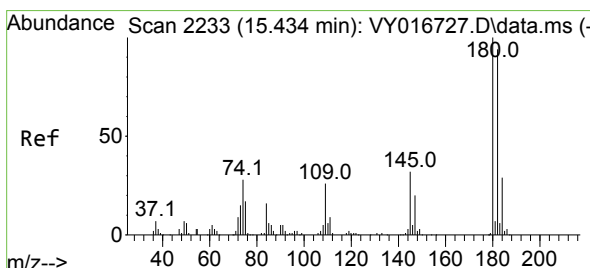
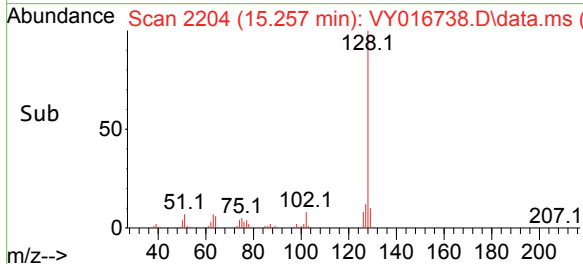
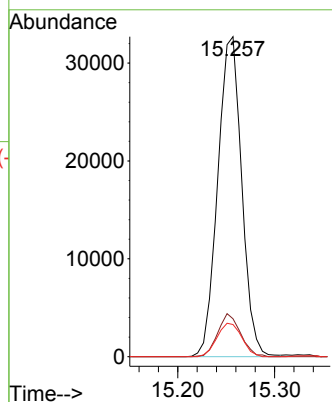
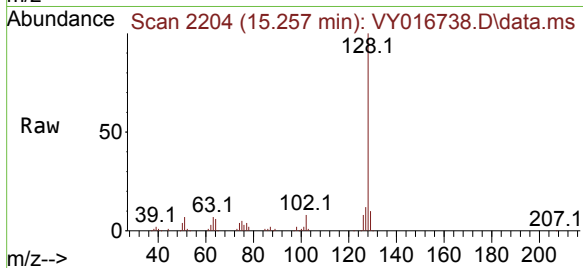
Acq: 21 Dec 2023 04:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	56240
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	10.8	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.010 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016738.D

Acq: 21 Dec 2023 04:09

Tgt Ion:180	Resp:	24830
Ion Ratio	Lower	Upper
180	100	
182	96.9	46.3 138.8
145	33.9	16.1 48.2

