

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016436.D
 Acq On : 21 Nov 2023 14:33
 Operator : SY/MD
 Sample : VY1121SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:14:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	154782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	254467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	223026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	74969	52.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.980%	
35) Dibromofluoromethane	7.734	113	79323	54.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.191	98	298047	50.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.489	95	101650	53.391	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18261	12.049	ug/l	95
3) Chloromethane	2.119	50	24679	13.904	ug/l	100
4) Vinyl Chloride	2.259	62	27675	14.500	ug/l	97
5) Bromomethane	2.656	94	19098	15.226	ug/l	95
6) Chloroethane	2.802	64	18990	15.593	ug/l	99
7) Trichlorofluoromethane	3.137	101	50731	18.269	ug/l	96
8) Diethyl Ether	3.540	74	17874	21.537	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.912	101	29652	17.729	ug/l	96
10) Methyl Iodide	4.107	142	33298	18.434	ug/l	97
11) Tert butyl alcohol	4.966	59	14090	127.191	ug/l #	89
12) 1,1-Dichloroethene	3.887	96	28001	17.902	ug/l	85
13) Acrolein	3.741	56	12352	92.443	ug/l	99
14) Allyl chloride	4.497	41	38601	17.391	ug/l #	89
15) Acrylonitrile	5.174	53	37736	114.575	ug/l	97
16) Acetone	3.960	43	37194	158.949	ug/l #	81
17) Carbon Disulfide	4.210	76	69343	14.693	ug/l	99
18) Methyl Acetate	4.491	43	27527	22.138	ug/l #	87
19) Methyl tert-butyl Ether	5.241	73	81706	21.583	ug/l	99
20) Methylene Chloride	4.735	84	65399	38.781	ug/l #	83
21) trans-1,2-Dichloroethene	5.241	96	32407	17.995	ug/l	93
22) Diisopropyl ether	6.131	45	92116	19.257	ug/l #	90
23) Vinyl Acetate	6.076	43	230389	99.399	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	56446	19.128	ug/l	95
25) 2-Butanone	6.996	43	53812	131.293	ug/l #	87
26) 2,2-Dichloropropane	6.996	77	52999	19.733	ug/l	96
27) cis-1,2-Dichloroethene	7.003	96	39020	20.105	ug/l	88
28) Bromochloromethane	7.350	49	23304	21.337	ug/l #	80
29) Tetrahydrofuran	7.362	42	29474	108.798	ug/l #	84
30) Chloroform	7.521	83	63618	20.711	ug/l	96
31) Cyclohexane	7.801	56	43157	15.495	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	56136	19.937	ug/l	96
36) 1,1-Dichloropropene	7.935	75	44102	17.570	ug/l	98
37) Ethyl Acetate	7.094	43	21528	21.227	ug/l #	92
38) Carbon Tetrachloride	7.917	117	50033	19.206	ug/l	97
39) Methylcyclohexane	9.197	83	49397	15.794	ug/l	92
40) Benzene	8.173	78	134009	19.003	ug/l	99

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	10001	19.558	ug/l	91
42) 1,2-Dichloroethane	8.246	62	37225	20.373	ug/l	92
43) Isopropyl Acetate	8.283	43	39825	20.315	ug/l #	88
44) Trichloroethene	8.953	130	39920	19.697	ug/l	93
45) 1,2-Dichloropropane	9.228	63	32916	19.435	ug/l	97
46) Dibromomethane	9.319	93	19535	21.285	ug/l	97
47) Bromodichloromethane	9.508	83	48339	20.487	ug/l	99
48) Methyl methacrylate	9.301	41	21079	19.456	ug/l #	83
49) 1,4-Dioxane	9.313	88	4199	430.954	ug/l #	51
51) 4-Methyl-2-Pentanone	10.081	43	107438	108.378	ug/l #	88
52) Toluene	10.258	92	86142	19.324	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	47640	20.828	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	55597	20.350	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	27479	21.723	ug/l	97
56) Ethyl methacrylate	10.520	69	26014	21.786	ug/l #	79
57) 1,3-Dichloropropane	10.801	76	45549	21.124	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	83912	103.636	ug/l	91
59) 2-Hexanone	10.843	43	81397	110.388	ug/l	84
60) Dibromochloromethane	10.996	129	35331	22.333	ug/l	100
61) 1,2-Dibromoethane	11.099	107	26620	22.089	ug/l	99
64) Tetrachloroethene	10.727	164	40987	20.467	ug/l	95
65) Chlorobenzene	11.526	112	95266	19.993	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	37481	21.326	ug/l	98
67) Ethyl Benzene	11.605	91	164617	19.223	ug/l	98
68) m/p-Xylenes	11.715	106	126229	38.863	ug/l	95
69) o-Xylene	12.038	106	59617	19.769	ug/l	97
70) Styrene	12.056	104	88400	20.472	ug/l	98
71) Bromoform	12.221	173	21474	23.548	ug/l #	99
73) Isopropylbenzene	12.343	105	162325	18.420	ug/l	100
74) N-amyl acetate	12.154	43	34330	19.394	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	29909	21.151	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	39514	37.850	ug/l #	100
77) Bromobenzene	12.617	156	39542	19.853	ug/l	93
78) n-propylbenzene	12.678	91	187738	18.027	ug/l	98
79) 2-Chlorotoluene	12.764	91	107959	18.810	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	133727	18.821	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	9883	20.549	ug/l	91
82) 4-Chlorotoluene	12.867	91	112796	19.019	ug/l	97
83) tert-Butylbenzene	13.087	119	119397	19.078	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	134852	19.275	ug/l	99
85) sec-Butylbenzene	13.264	105	166322	18.603	ug/l	100
86) p-Isopropyltoluene	13.379	119	144458	18.764	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	75619	19.734	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	74749	19.960	ug/l	99
89) n-Butylbenzene	13.709	91	128436	18.065	ug/l	96
90) Hexachloroethane	13.971	117	27950	18.820	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	66755	20.330	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4515	20.068	ug/l	78
93) 1,2,4-Trichlorobenzene	15.013	180	41319	21.558	ug/l	98
94) Hexachlorobutadiene	15.123	225	22631	20.610	ug/l	97
95) Naphthalene	15.245	128	77870	22.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	34341	21.663	ug/l	99

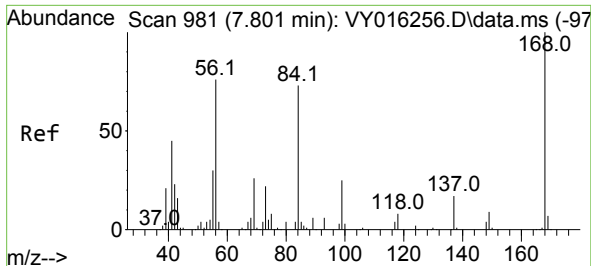
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
Data File : VY016436.D
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Response via : Initial Calibration

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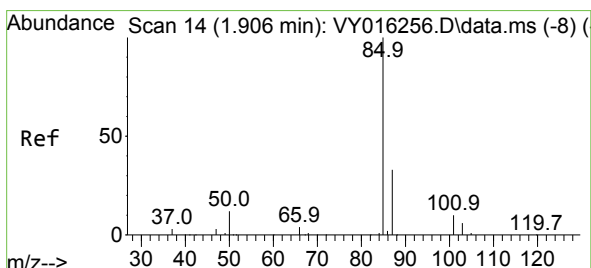
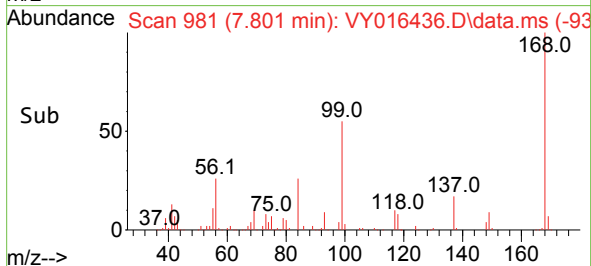
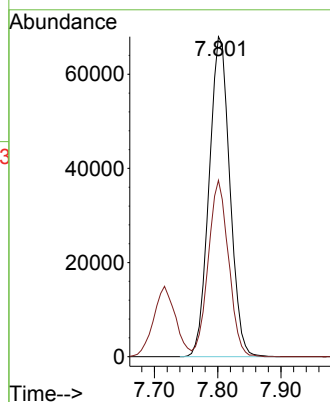
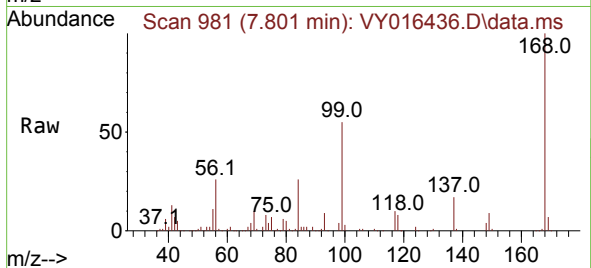
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016436.D
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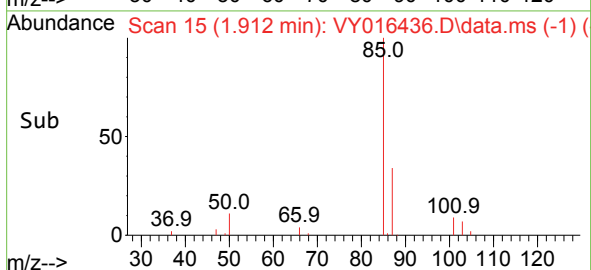
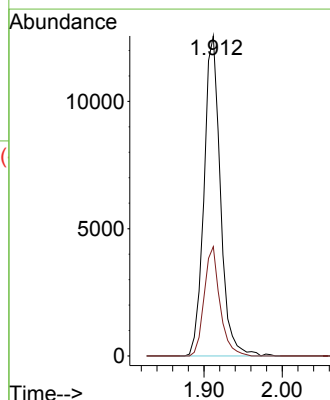
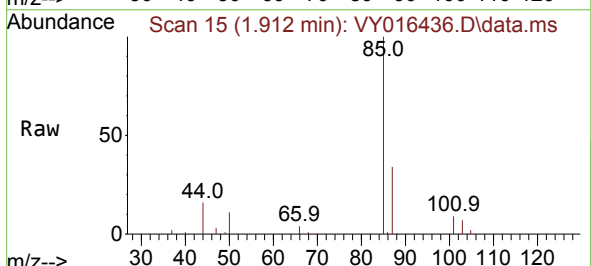
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MSVOA_Y
ClientSampleId :

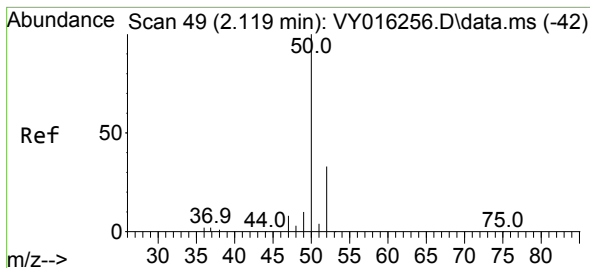
Tgt Ion:168 Resp: 154782
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 12.049 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 85 Resp: 18261
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.8





#3

Chloromethane

Concen: 13.904 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

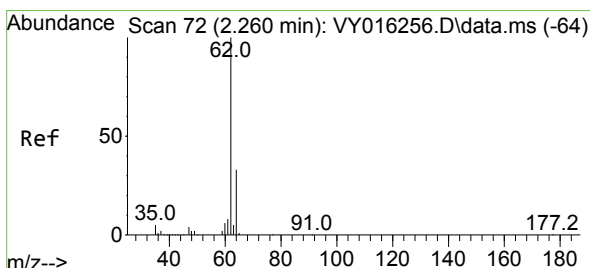
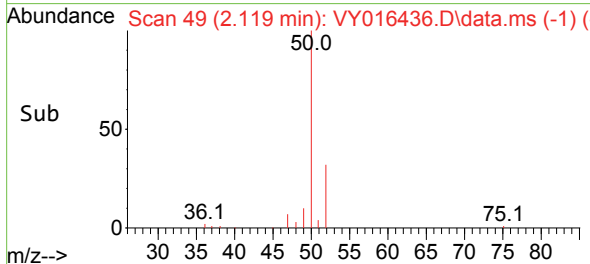
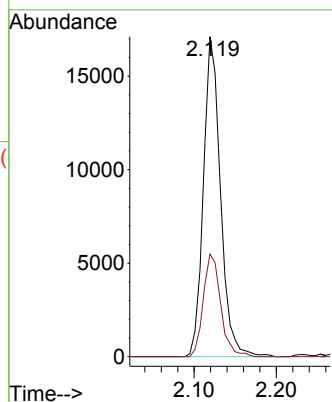
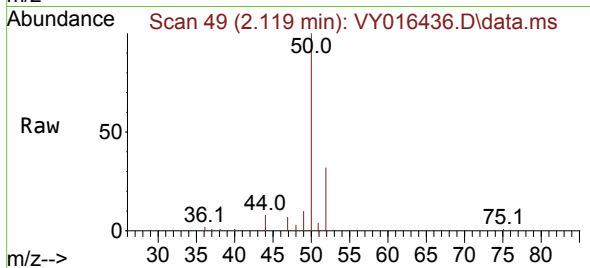
ClientSampleId :

Tgt Ion: 50 Resp: 24679

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 14.500 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016436.D

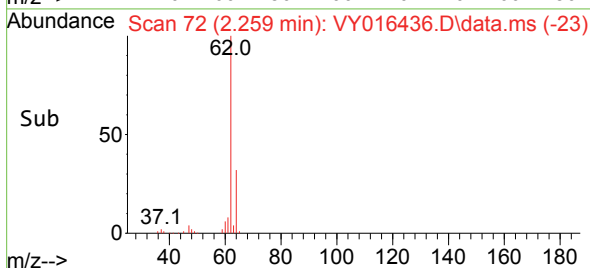
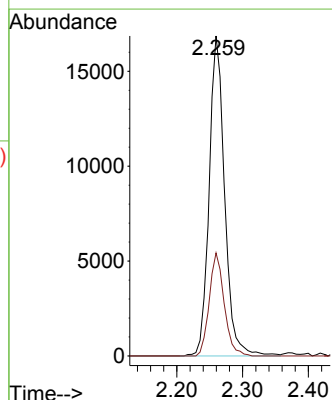
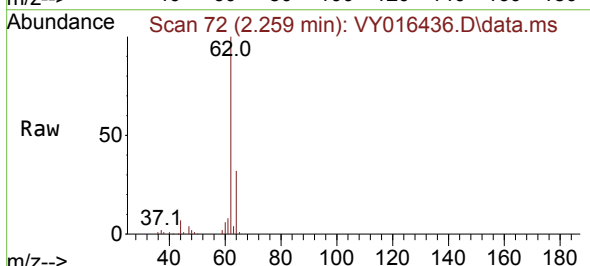
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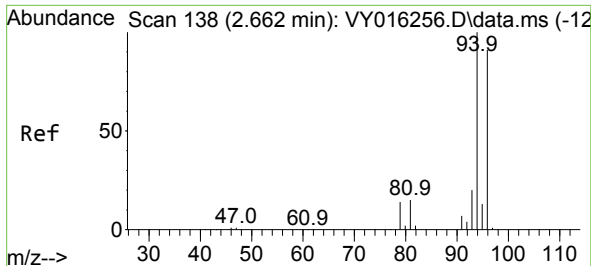
Tgt Ion: 62 Resp: 27675

Ion Ratio Lower Upper

62 100

64 32.2 24.3 36.5

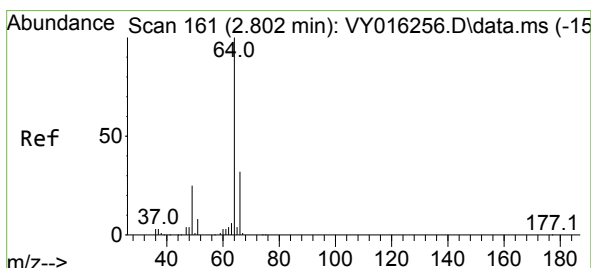
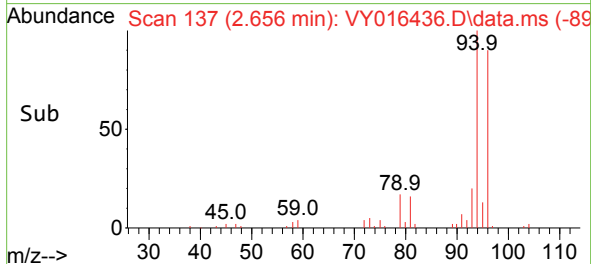
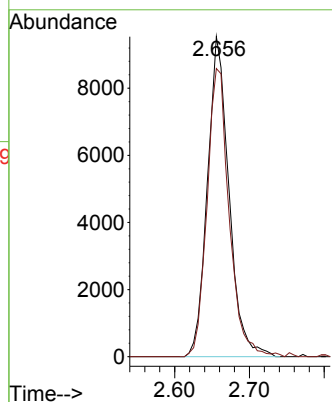
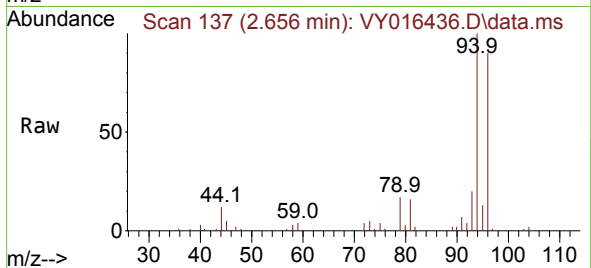




#5
Bromomethane
Concen: 15.226 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

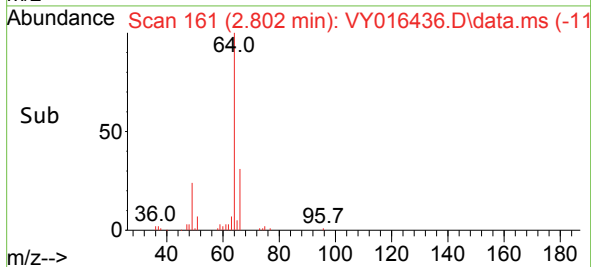
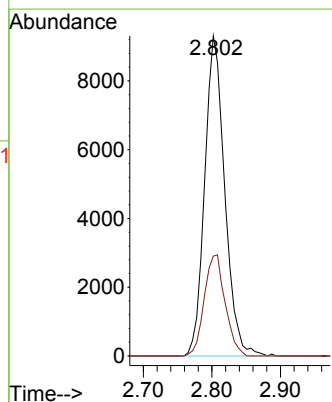
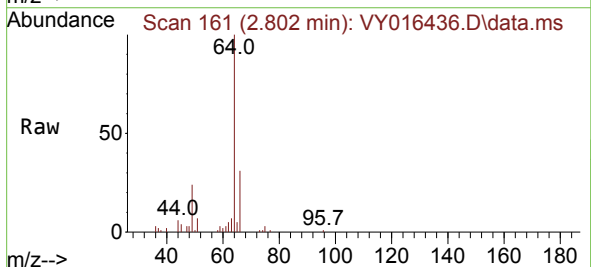
Instrument :
MSVOA_Y
ClientSampleId :

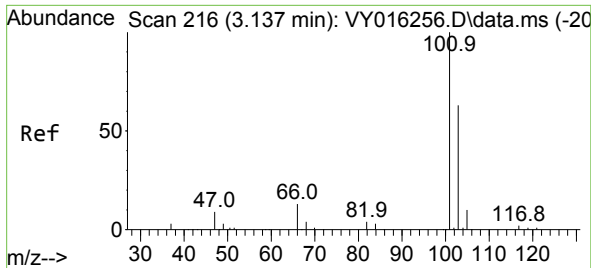
Tgt Ion: 94 Resp: 19098
Ion Ratio Lower Upper
94 100
96 90.1 75.8 113.6



#6
Chloroethane
Concen: 15.593 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 64 Resp: 18990
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

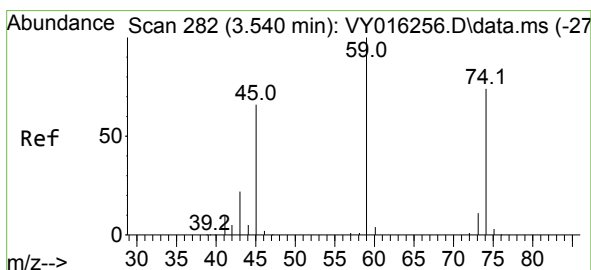
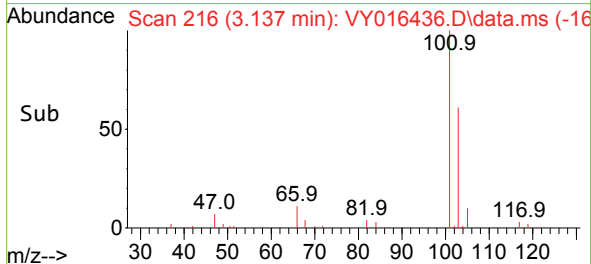
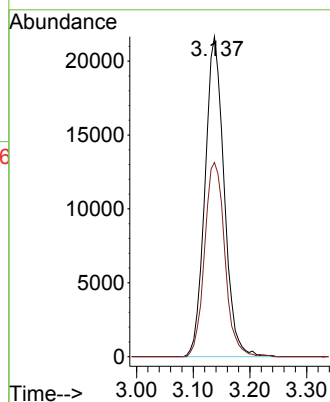
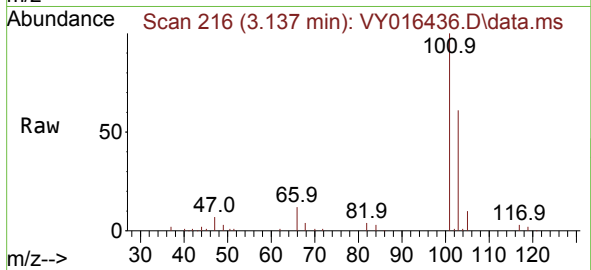




#7
Trichlorofluoromethane
Concen: 18.269 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

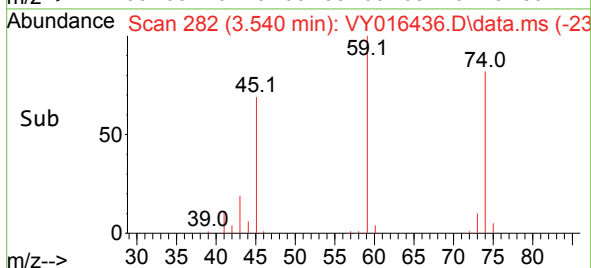
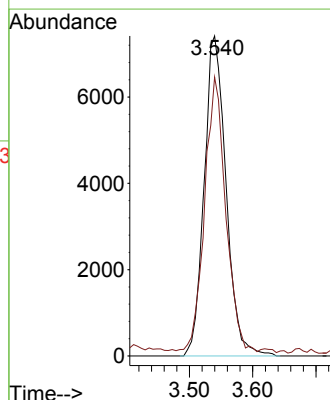
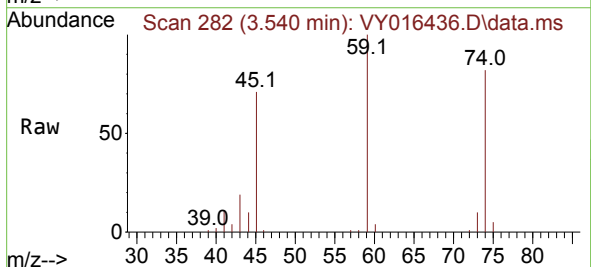
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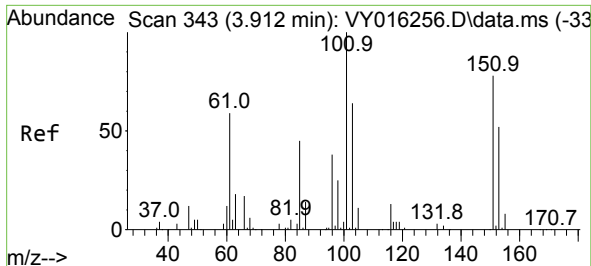
Tgt Ion:101 Resp: 50731
Ion Ratio Lower Upper
101 100
103 60.7 51.4 77.0



#8
Diethyl Ether
Concen: 21.537 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 74 Resp: 17874
Ion Ratio Lower Upper
74 100
45 82.5 51.5 154.5

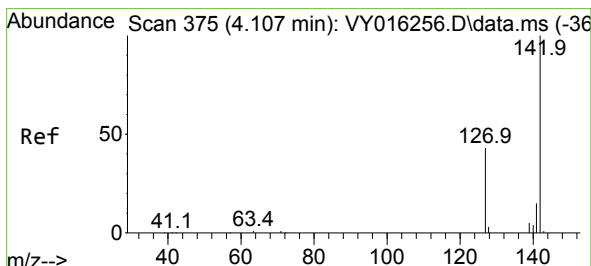
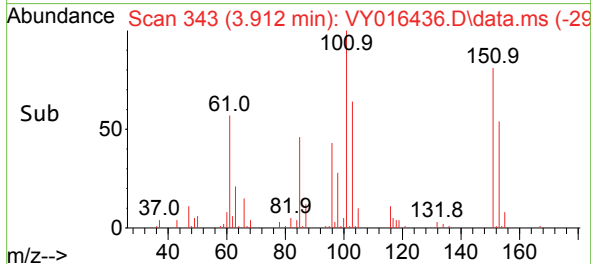
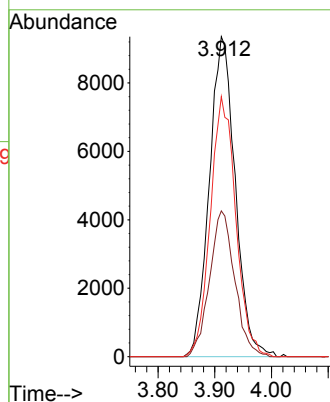
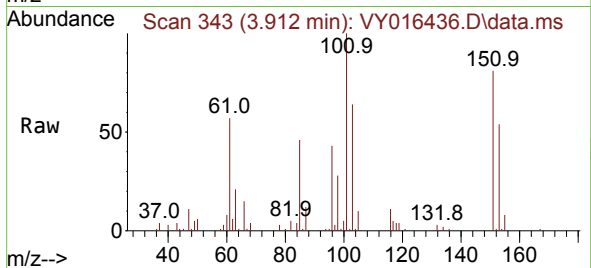




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.729 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

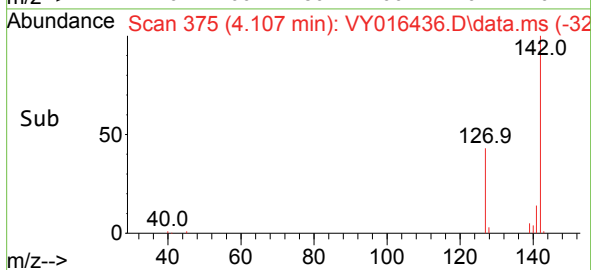
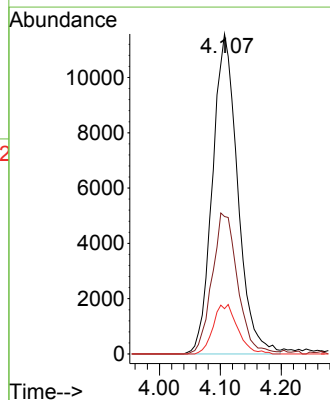
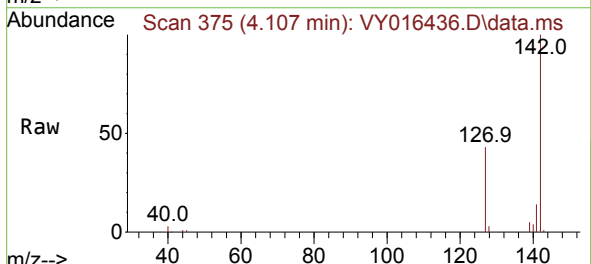
Instrument :
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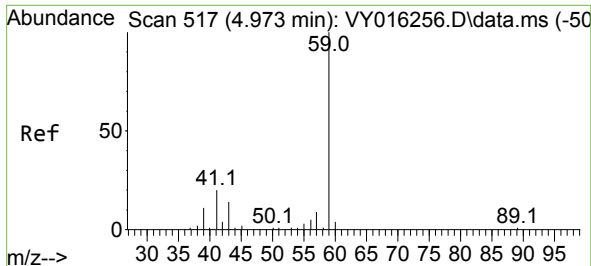
Tgt Ion:101 Resp: 29652
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 79.8 67.0 100.6



#10
Methyl Iodide
Concen: 18.434 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion:142 Resp: 33298
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 15.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 127.191 ug/l

RT: 4.966 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

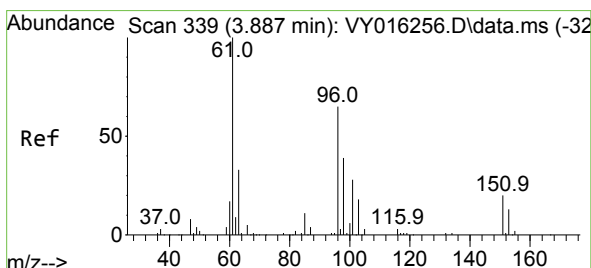
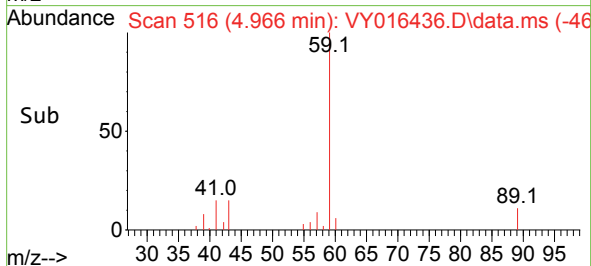
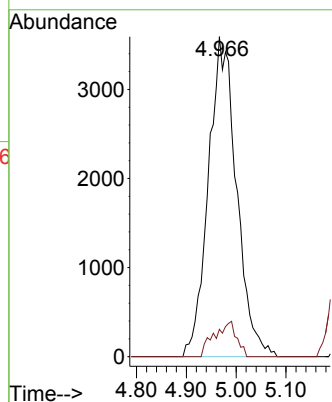
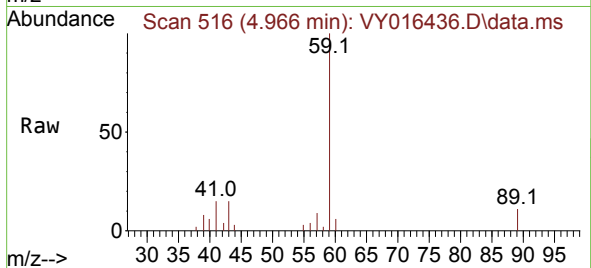
ClientSampleId :

Tgt Ion: 59 Resp: 14090

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 17.902 ug/l

RT: 3.887 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

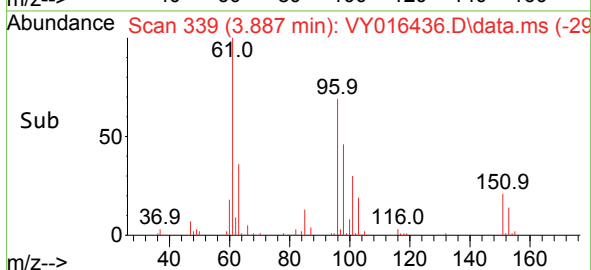
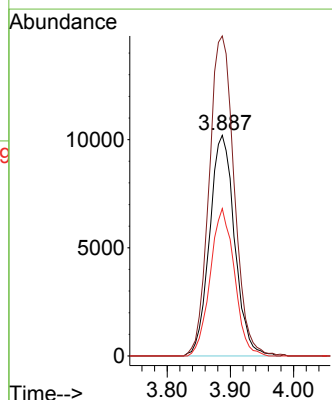
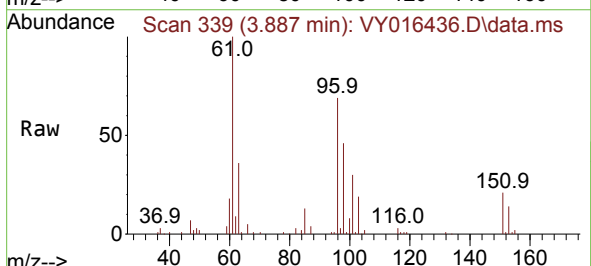
Tgt Ion: 96 Resp: 28001

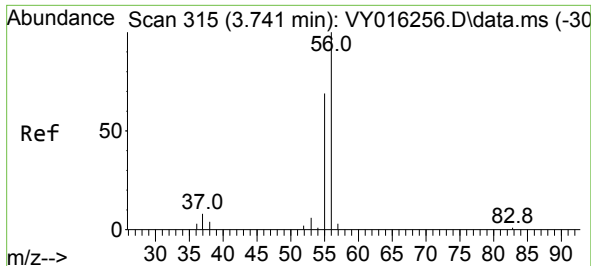
Ion Ratio Lower Upper

96 100

61 145.0 136.4 204.6

98 66.8 49.4 74.2





#13

Acrolein

Concen: 92.443 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

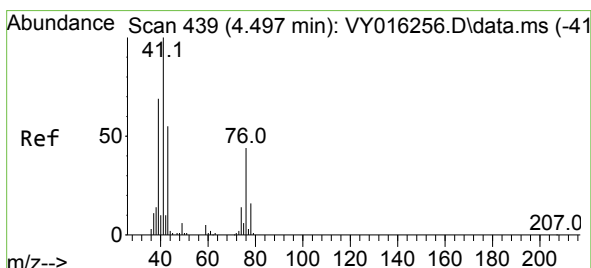
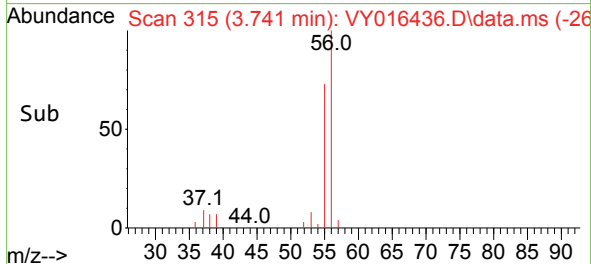
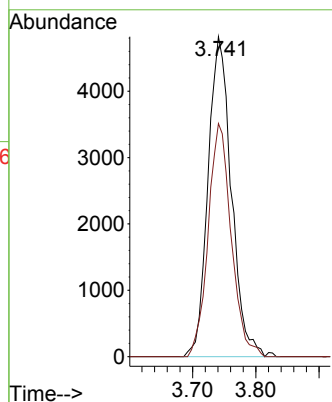
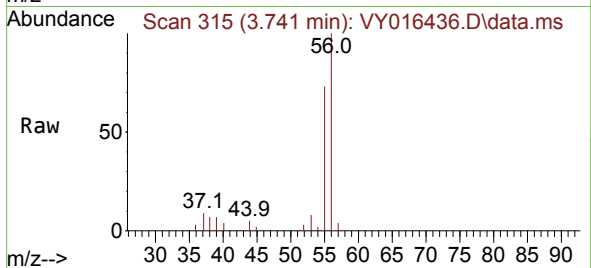
ClientSampleId :

Tgt Ion: 56 Resp: 12352

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.4



#14

Allyl chloride

Concen: 17.391 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

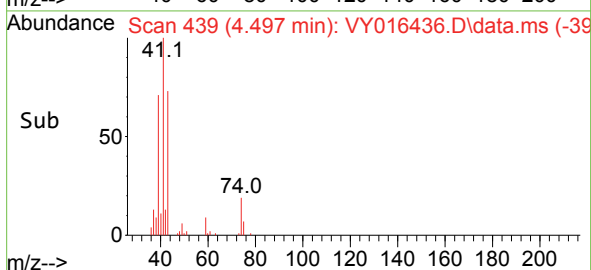
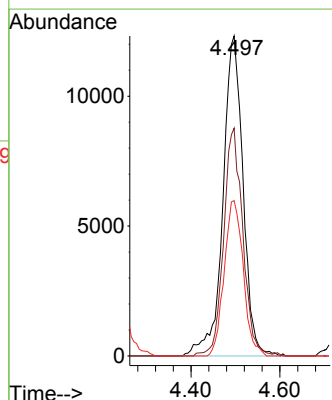
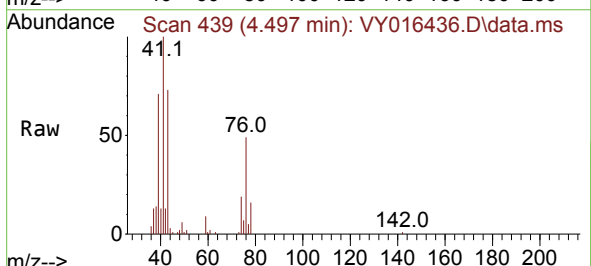
Tgt Ion: 41 Resp: 38601

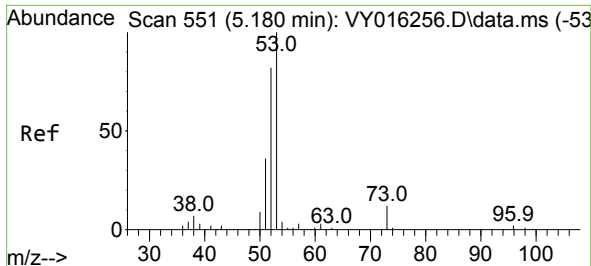
Ion Ratio Lower Upper

41 100

39 67.6 58.0 87.0

76 46.0 27.4 41.2#

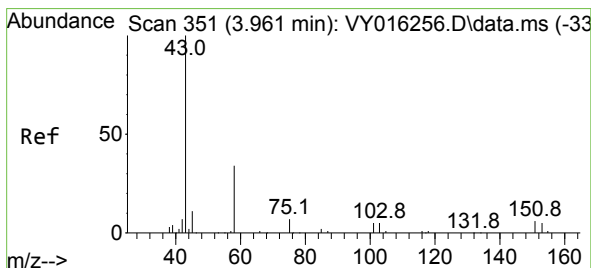
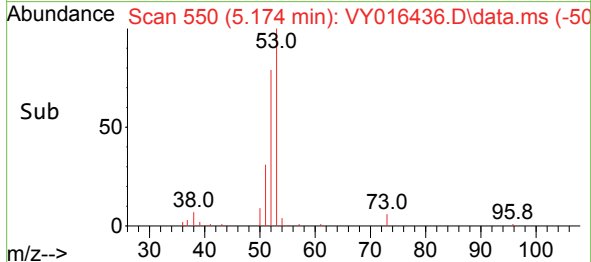
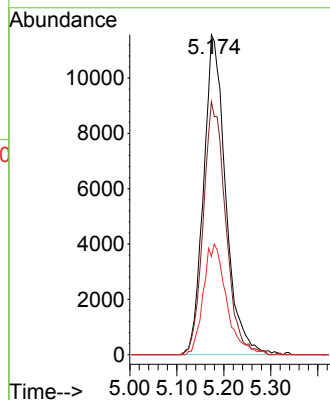
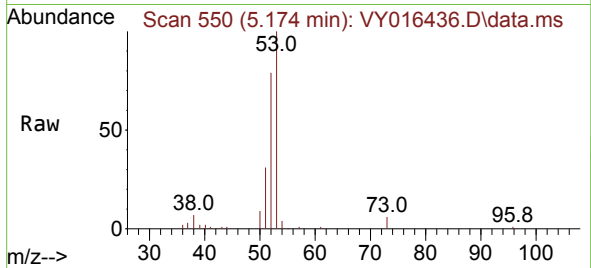




#15
Acrylonitrile
Concen: 114.575 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

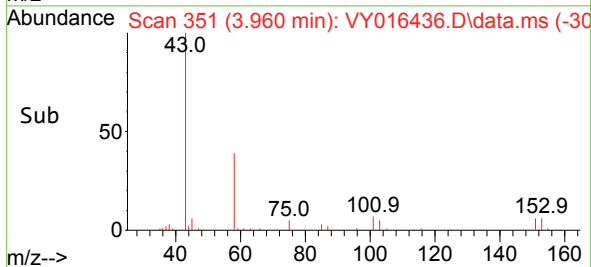
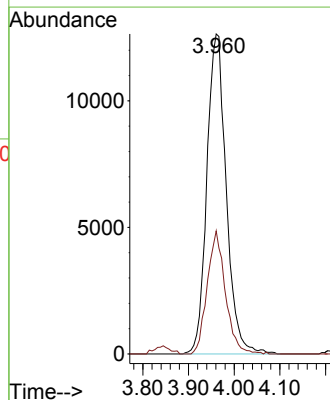
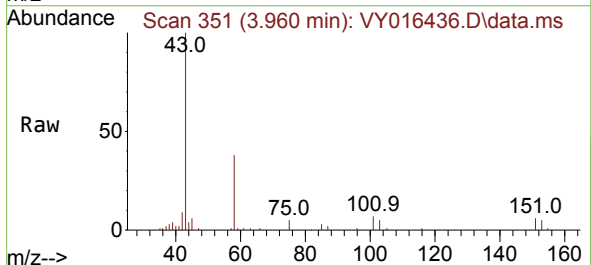
Instrument :
MSVOA_Y
ClientSampleId :

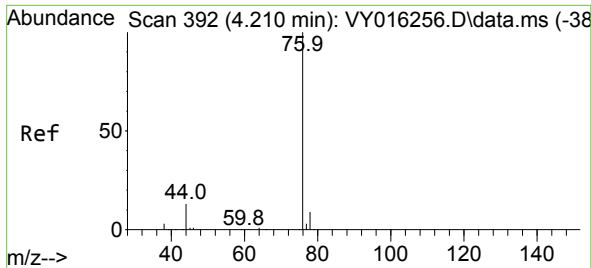
Tgt Ion: 53 Resp: 37736
Ion Ratio Lower Upper
53 100
52 80.2 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 158.949 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 43 Resp: 37194
Ion Ratio Lower Upper
43 100
58 38.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 14.693 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

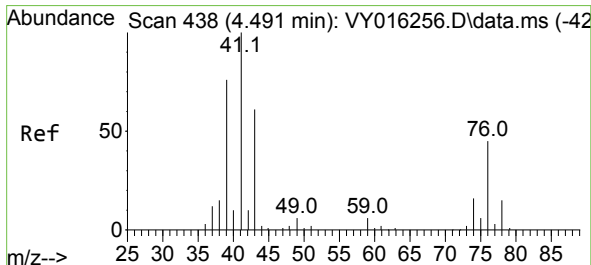
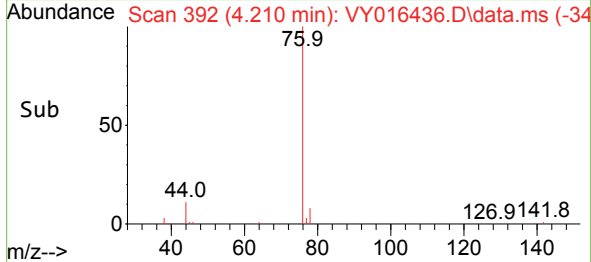
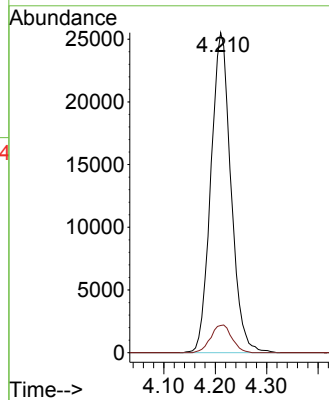
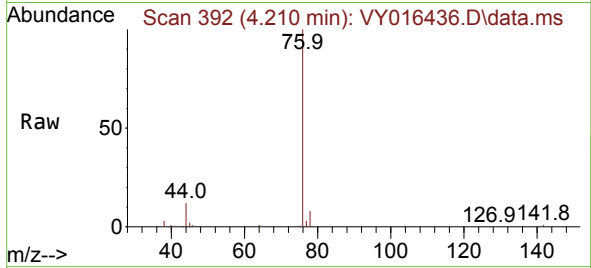
ClientSampleId :

Tgt Ion: 76 Resp: 69343

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



#18

Methyl Acetate

Concen: 22.138 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016436.D

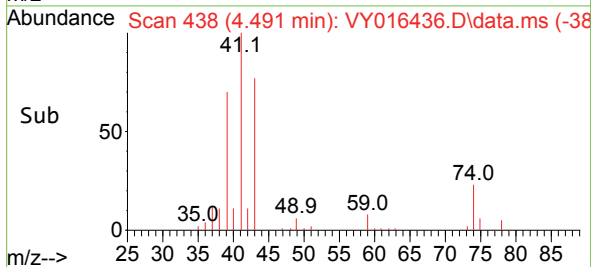
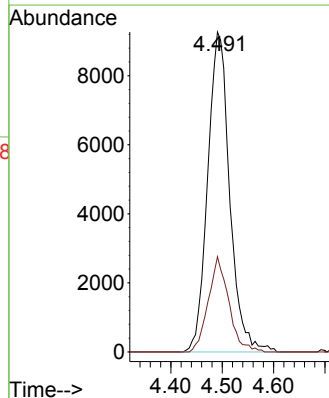
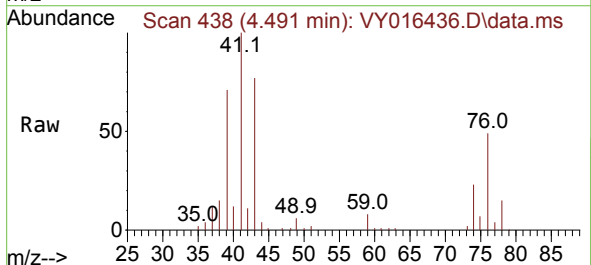
Acq: 21 Nov 2023 14:33

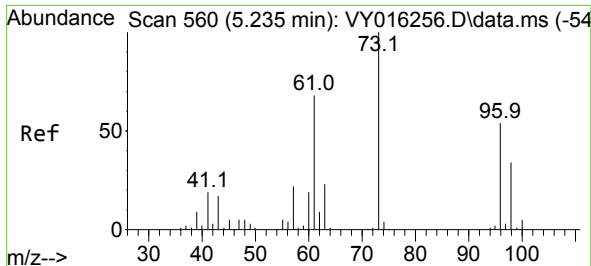
Tgt Ion: 43 Resp: 27527

Ion Ratio Lower Upper

43 100

74 27.8 17.4 26.0#

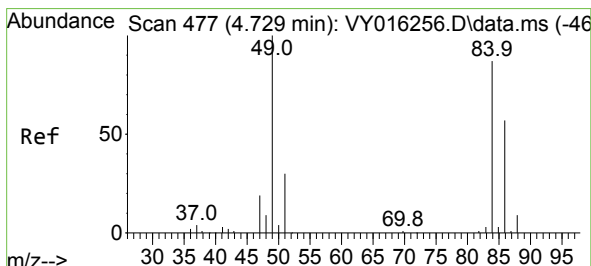
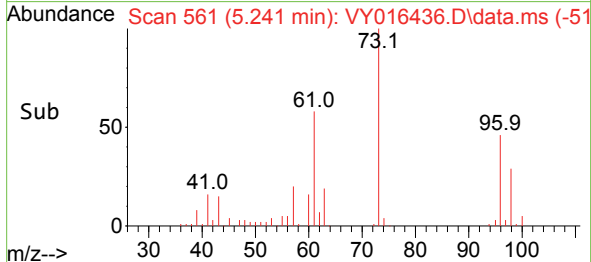
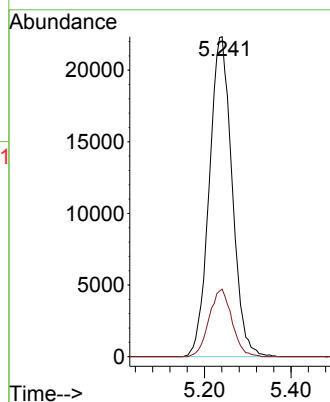
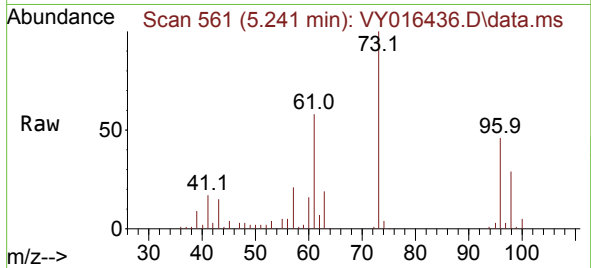




#19
Methyl tert-butyl Ether
Concen: 21.583 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

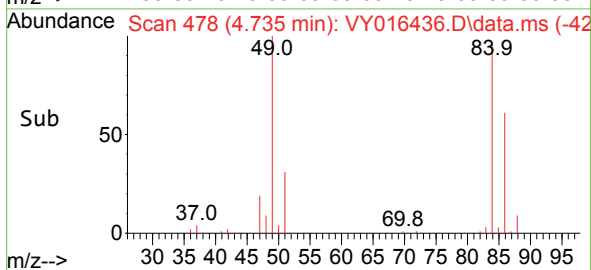
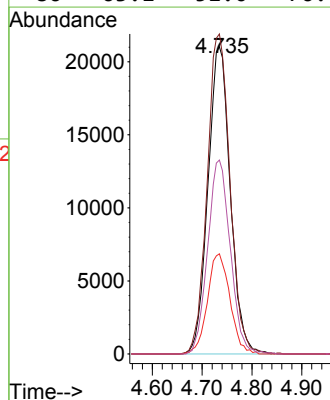
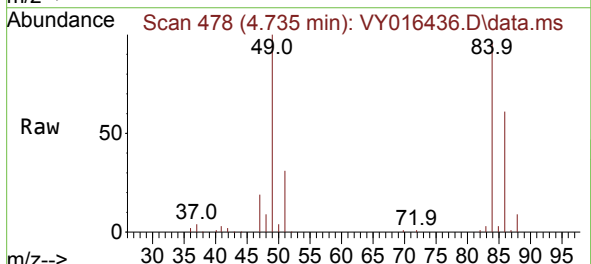
Instrument :
MSVOA_Y
ClientSampleId :

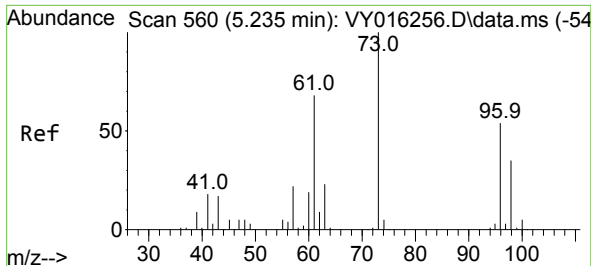
Tgt Ion: 73 Resp: 81706
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 38.781 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 84 Resp: 65399
Ion Ratio Lower Upper
84 100
49 104.2 106.9 160.3#
51 32.6 33.2 49.8#
86 63.1 51.0 76.6

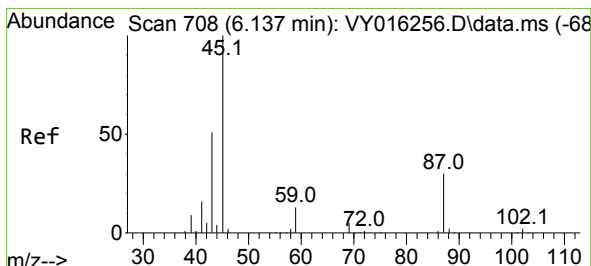
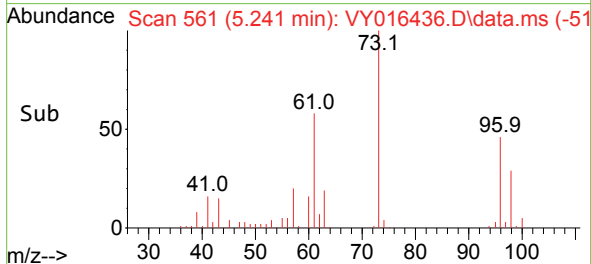
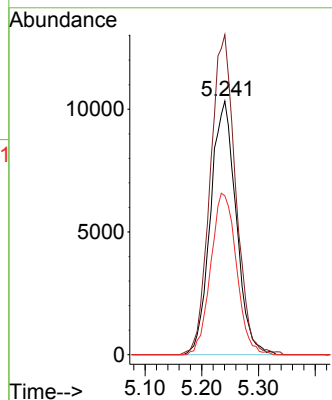
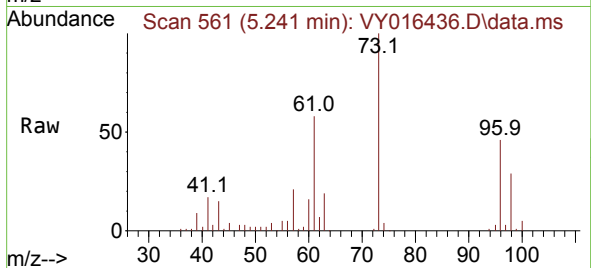




#21
trans-1,2-Dichloroethene
Concen: 17.995 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

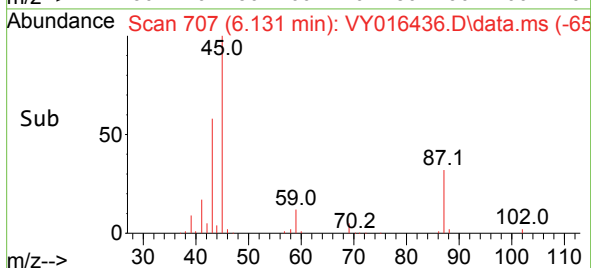
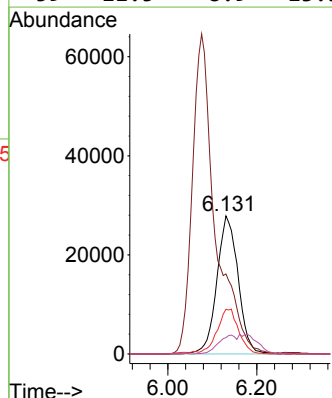
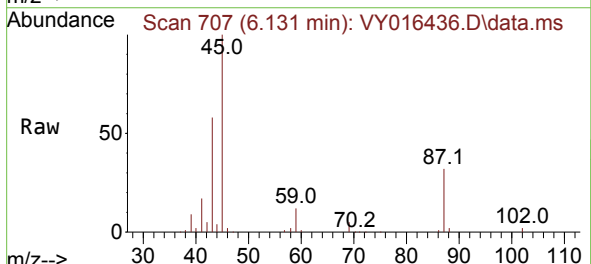
Instrument :
MSVOA_Y
ClientSampleId :

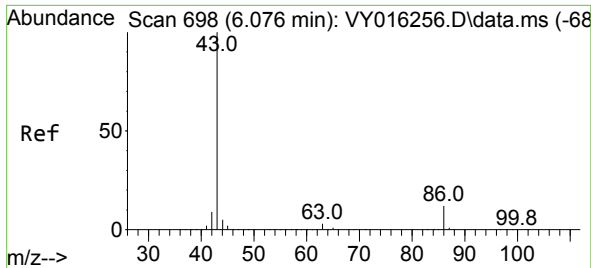
Tgt Ion: 96 Resp: 32407
Ion Ratio Lower Upper
96 100
61 126.2 110.2 165.4
98 62.7 51.8 77.6



#22
Diisopropyl ether
Concen: 19.257 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 45 Resp: 92116
Ion Ratio Lower Upper
45 100
43 57.1 52.2 78.4
87 32.4 21.0 31.6#
59 11.5 8.9 13.3

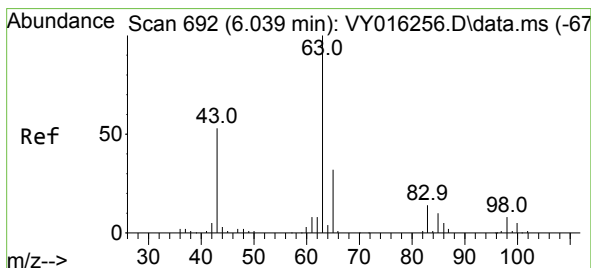
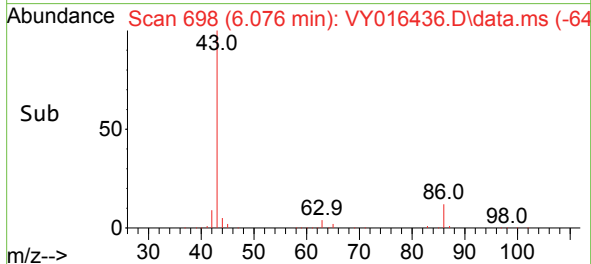
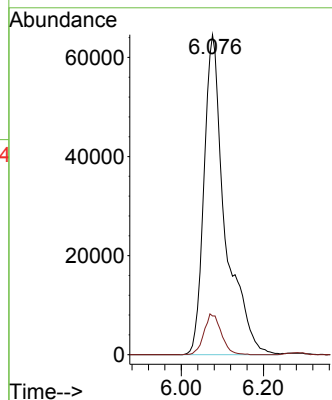
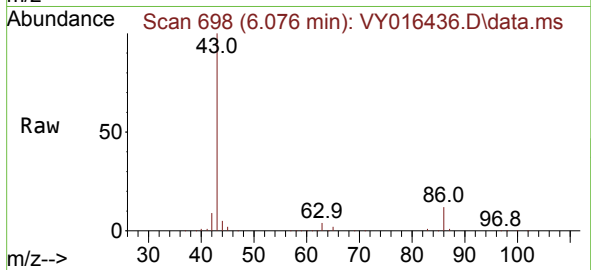




#23
 Vinyl Acetate
 Concen: 99.399 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016436.D
 Acq: 21 Nov 2023 14:33

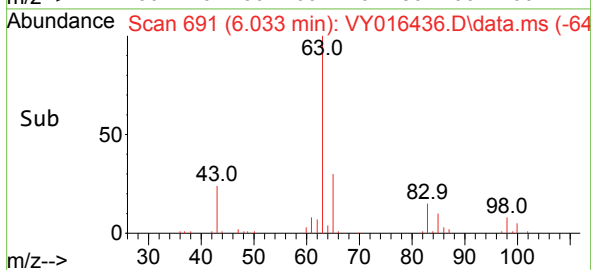
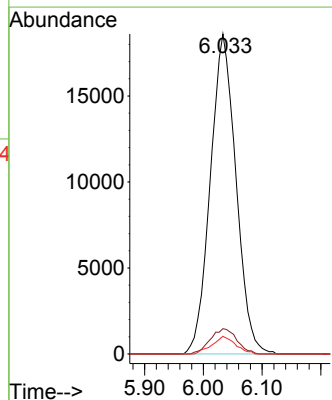
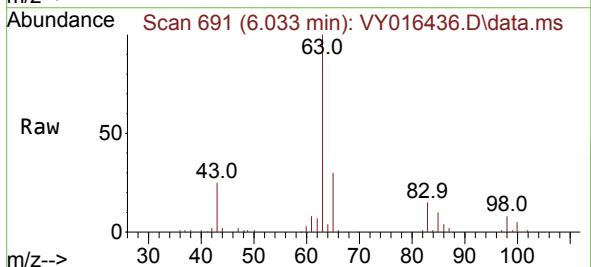
Instrument :
 MSVOA_Y
 ClientSampleId :

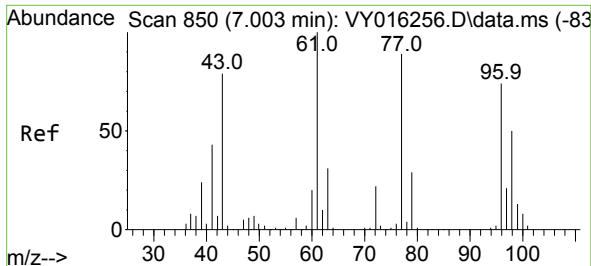
Tgt Ion: 43 Resp: 230389
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.128 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016436.D
 Acq: 21 Nov 2023 14:33

Tgt Ion: 63 Resp: 56446
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.5 1.8 5.5

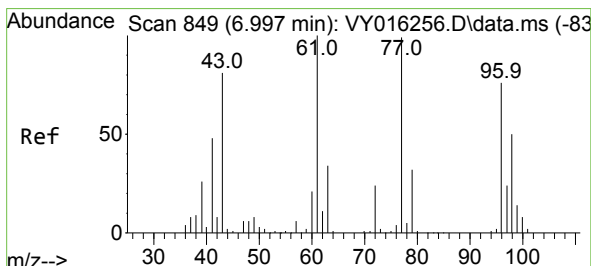
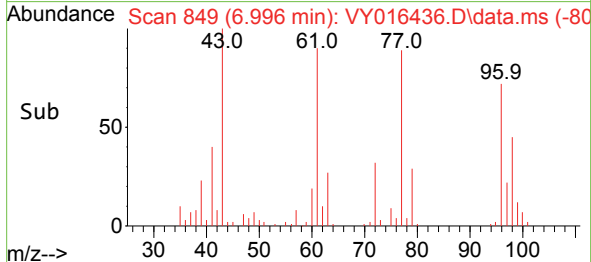
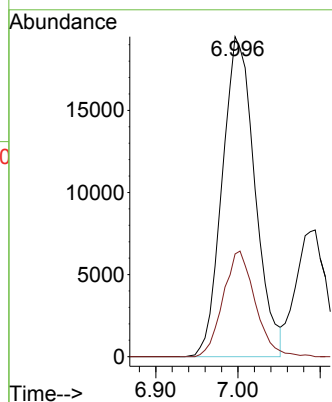
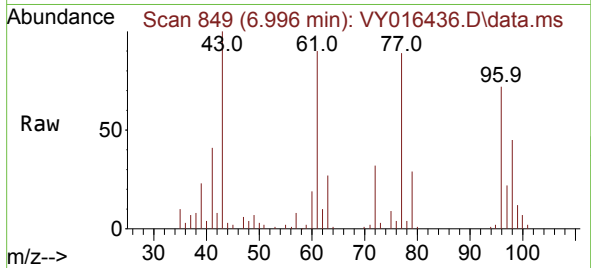




#25
2-Butanone
Concen: 131.293 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

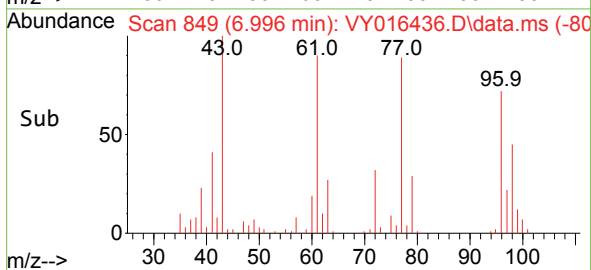
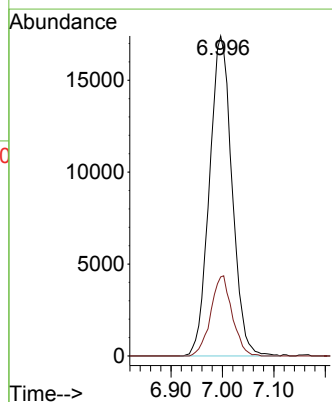
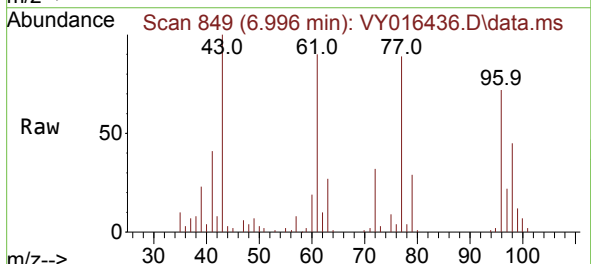
Instrument :
MSVOA_Y
ClientSampleId :

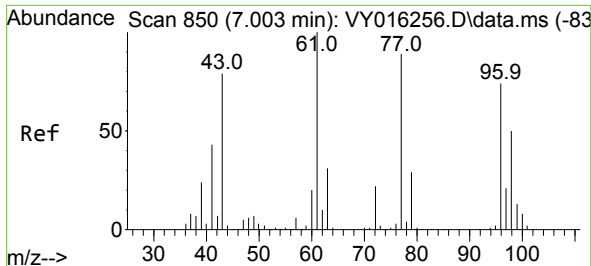
Tgt Ion: 43 Resp: 53812
Ion Ratio Lower Upper
43 100
72 32.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 19.733 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 77 Resp: 52999
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.105 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

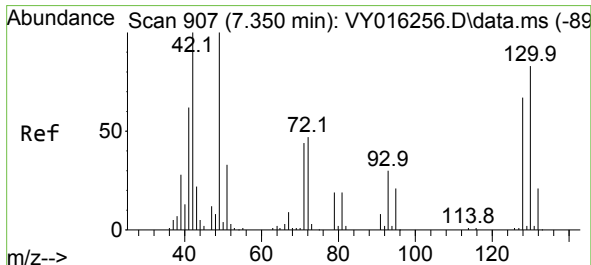
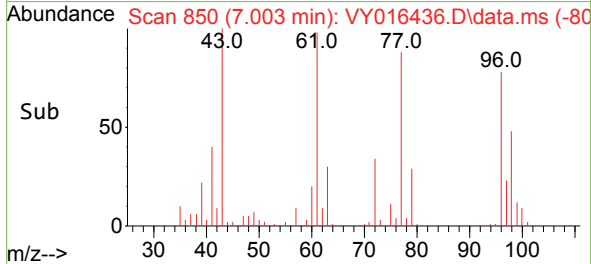
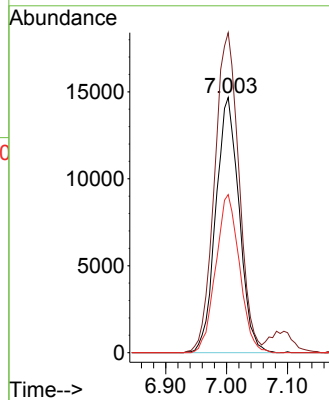
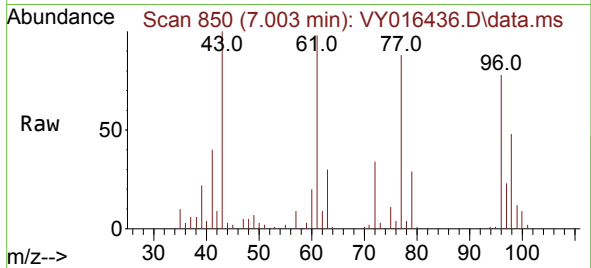
Tgt Ion: 96 Resp: 39020

Ion Ratio Lower Upper

96 100

61 131.1 0.0 301.4

98 63.1 0.0 130.4



#28

Bromochloromethane

Concen: 21.337 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

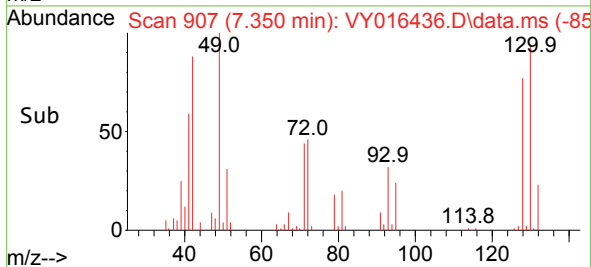
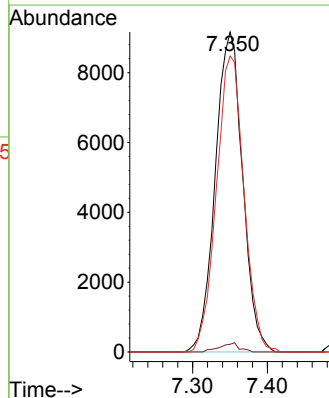
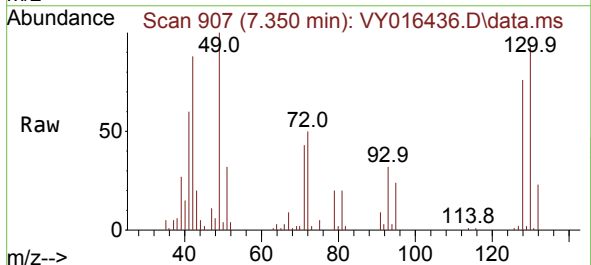
Tgt Ion: 49 Resp: 23304

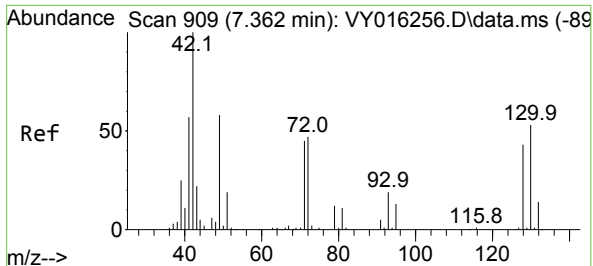
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 93.3 60.7 91.1#





#29

Tetrahydrofuran

Concen: 108.798 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

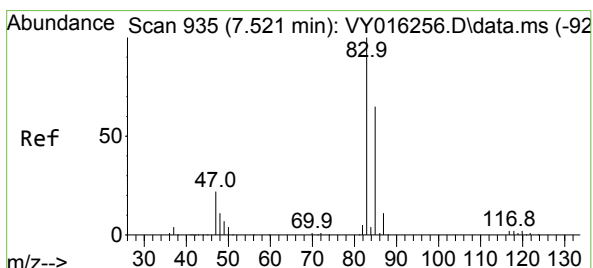
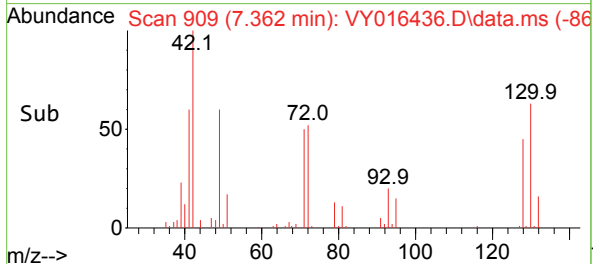
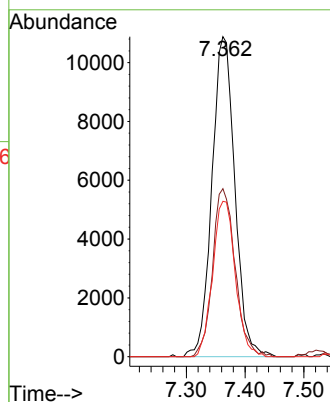
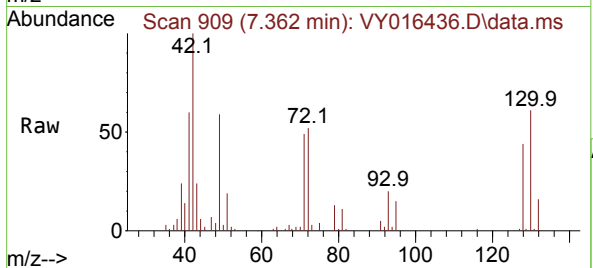
Tgt Ion: 42 Resp: 29474

Ion Ratio Lower Upper

42 100

72 51.8 32.8 49.2#

71 48.1 31.0 46.4#



#30

Chloroform

Concen: 20.711 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016436.D

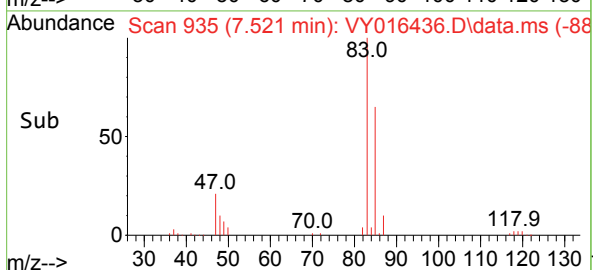
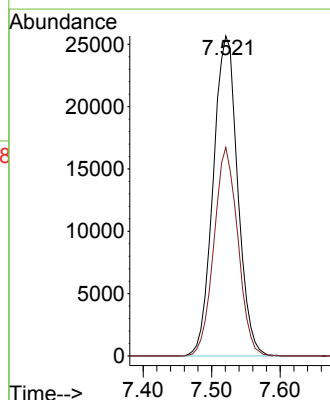
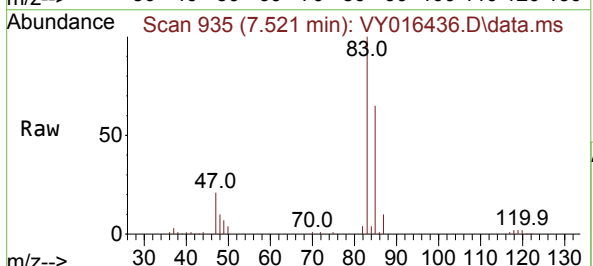
Acq: 21 Nov 2023 14:33

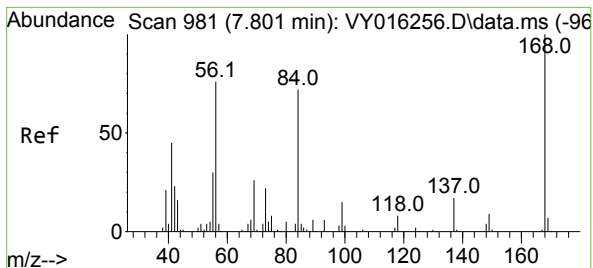
Tgt Ion: 83 Resp: 63618

Ion Ratio Lower Upper

83 100

85 65.1 49.7 74.5





#31

Cyclohexane

Concen: 15.495 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

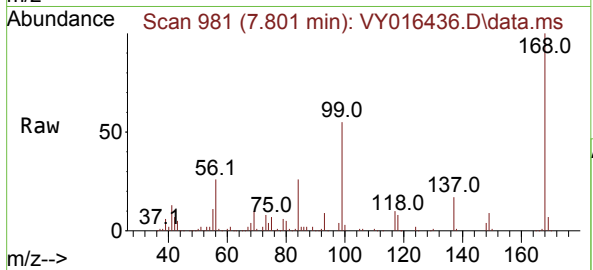
Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :



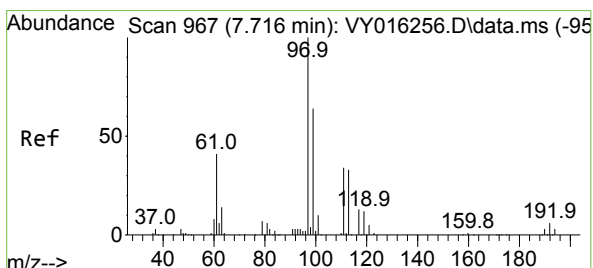
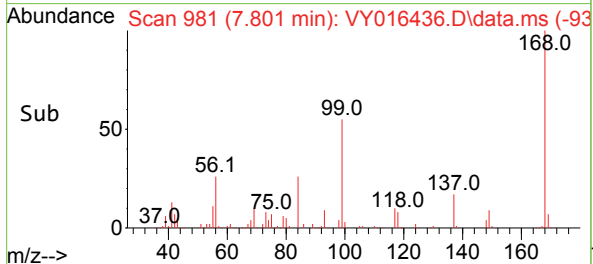
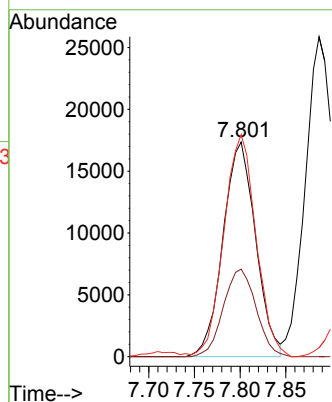
Tgt Ion: 56 Resp: 43157

Ion Ratio Lower Upper

56 100

69 40.7 27.8 41.6

84 102.5 66.4 99.6#



#32

1,1,1-Trichloroethane

Concen: 19.937 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

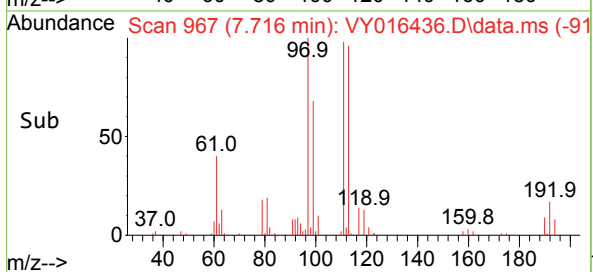
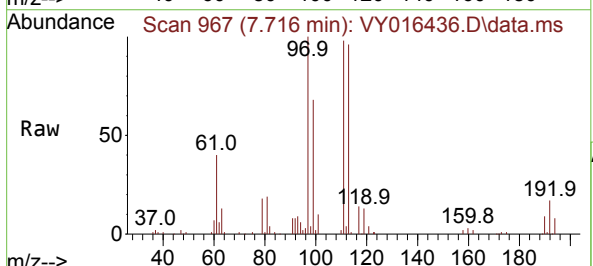
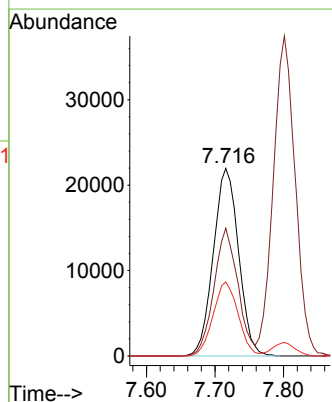
Tgt Ion: 97 Resp: 56136

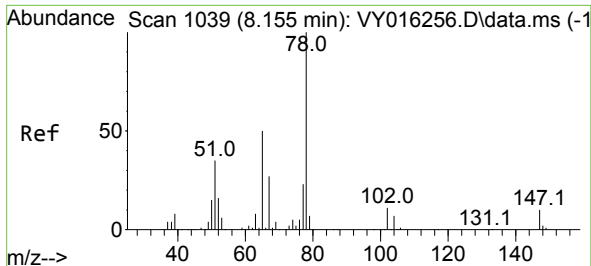
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 39.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.995 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

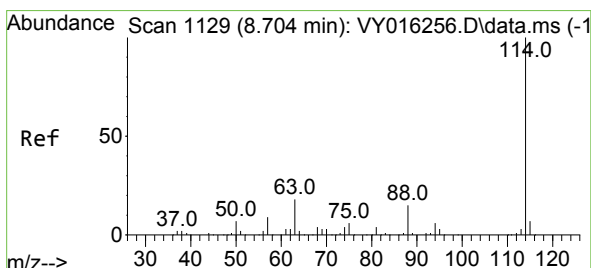
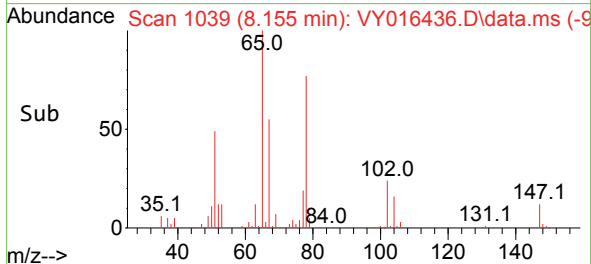
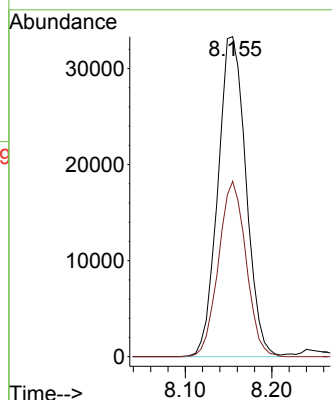
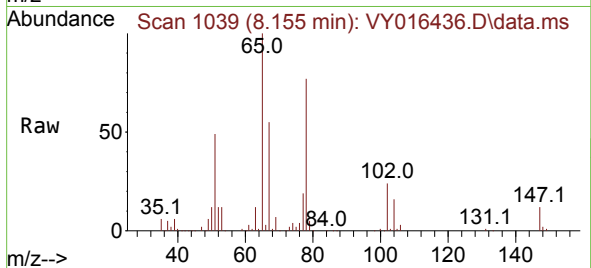
ClientSampleId :

Tgt Ion: 65 Resp: 74969

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

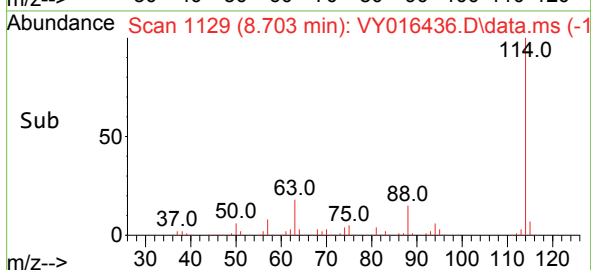
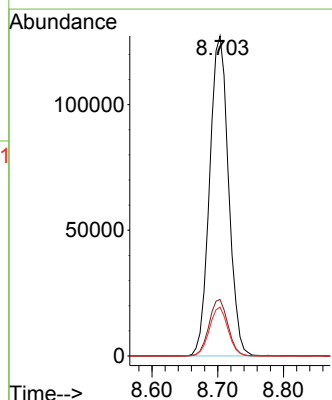
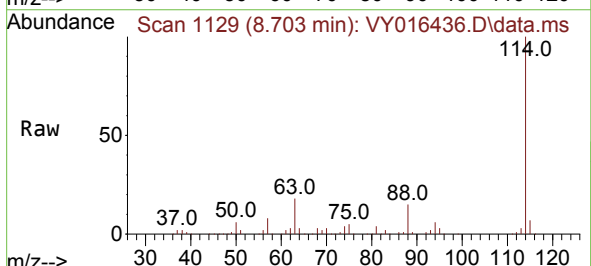
Tgt Ion: 114 Resp: 254467

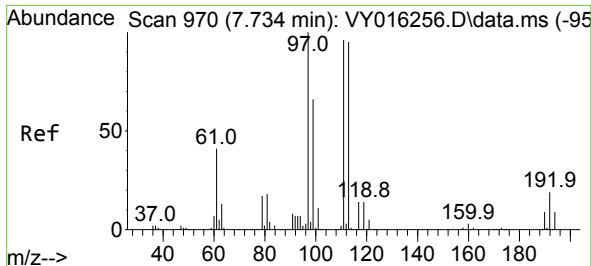
Ion Ratio Lower Upper

114 100

63 17.7 0.0 42.4

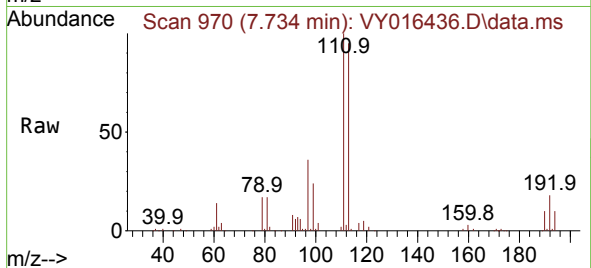
88 15.2 0.0 30.6



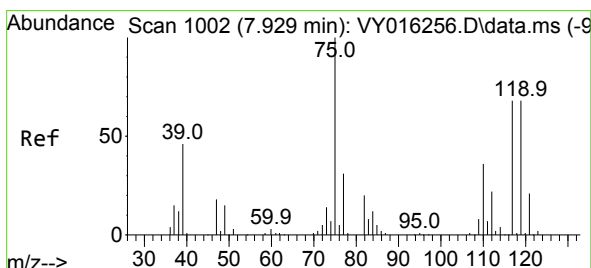
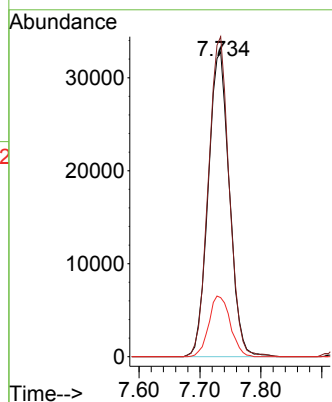
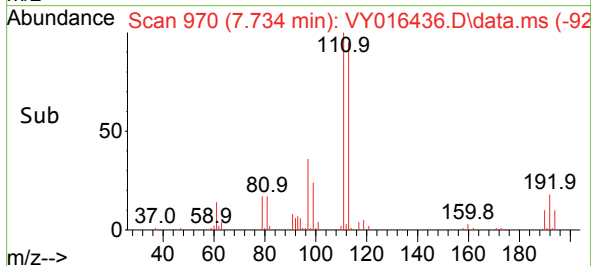


#35
Dibromofluoromethane
Concen: 54.875 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

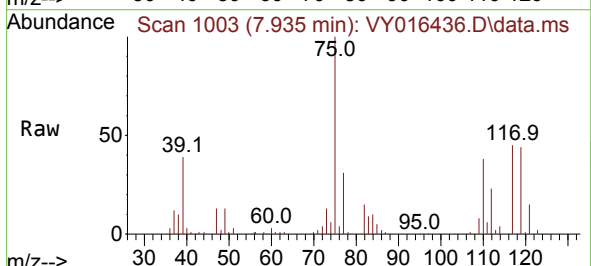
Instrument :
MSVOA_Y
ClientSampleId :



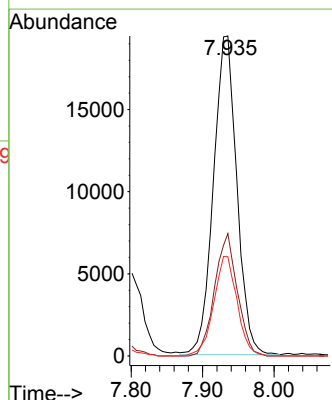
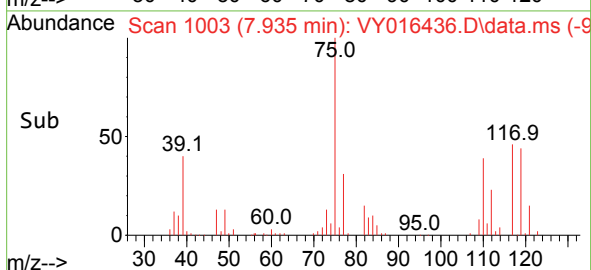
Tgt Ion:113 Resp: 79323
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.1 16.9 25.3

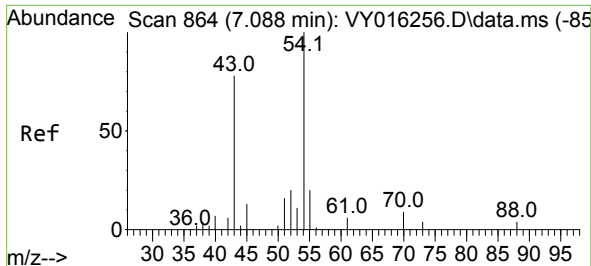


#36
1,1-Dichloropropene
Concen: 17.570 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33



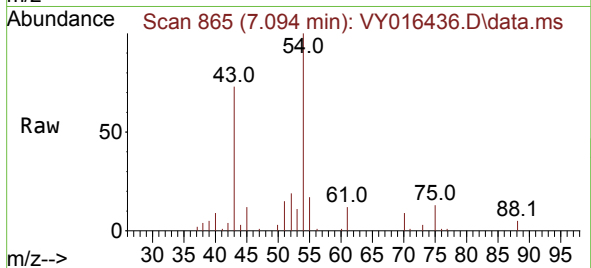
Tgt Ion: 75 Resp: 44102
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.2 24.4 36.6



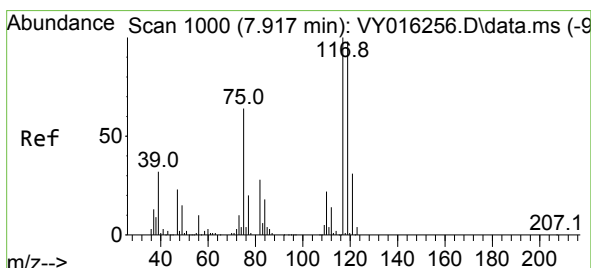
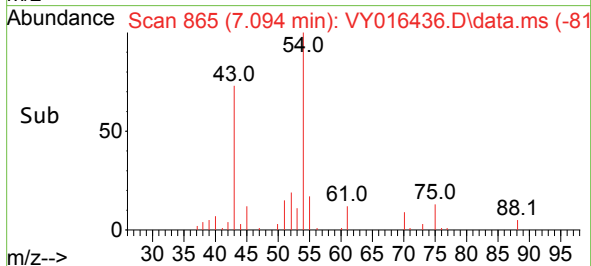
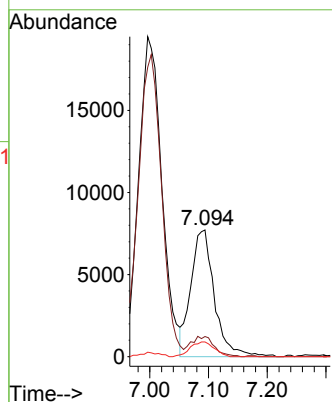


#37
Ethyl Acetate
Concen: 21.227 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :

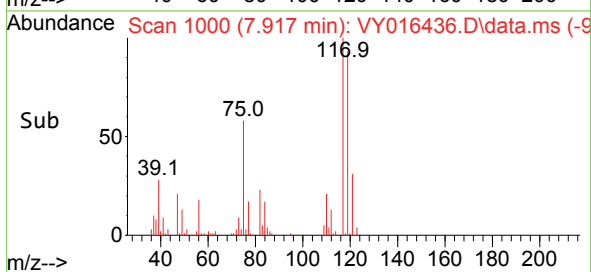
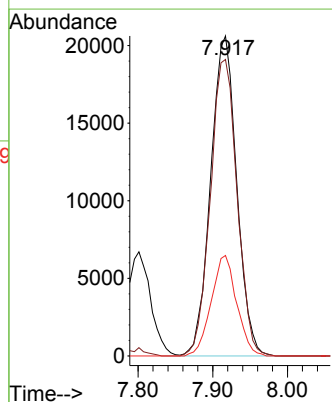
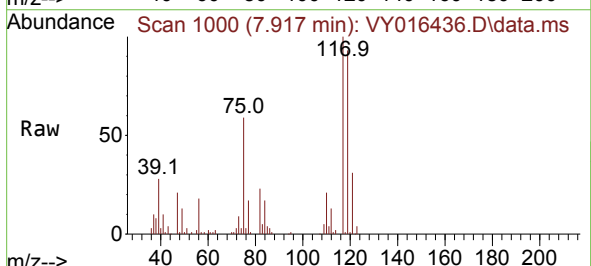


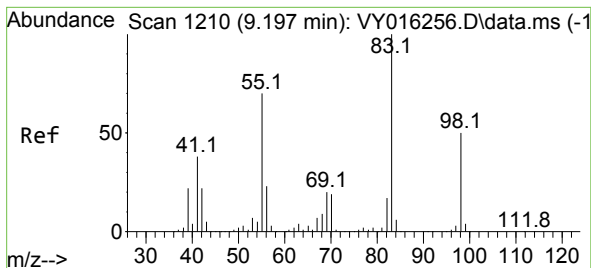
Tgt Ion: 43 Resp: 21528
Ion Ratio Lower Upper
43 100
61 15.9 10.1 15.1#
70 11.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 19.206 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 117 Resp: 50033
Ion Ratio Lower Upper
117 100
119 92.6 76.4 114.6
121 31.4 25.8 38.6





#39

Methylcyclohexane

Concen: 15.794 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

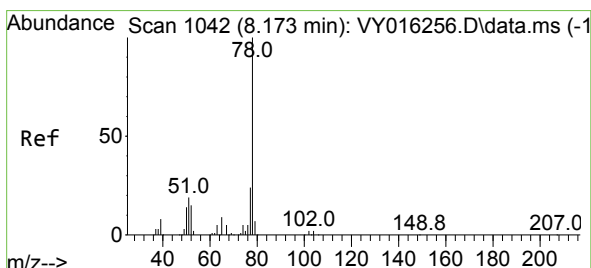
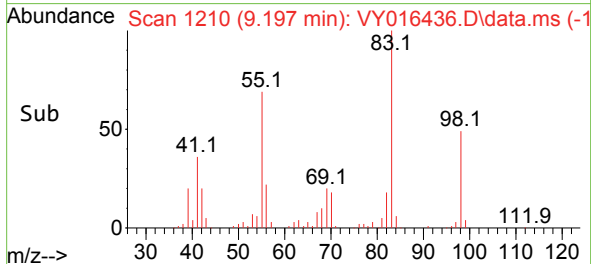
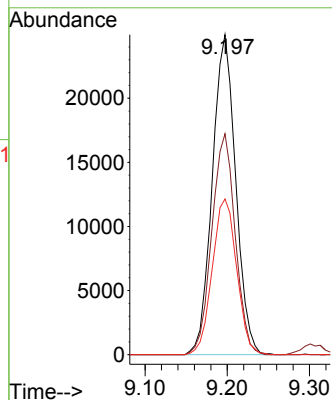
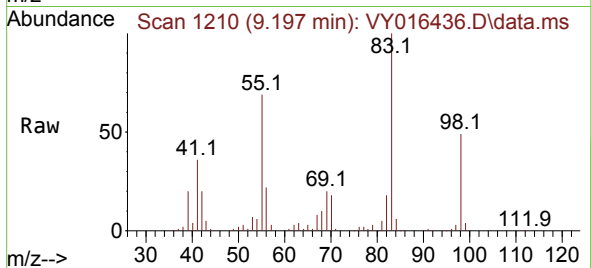
Tgt Ion: 83 Resp: 49397

Ion Ratio Lower Upper

83 100

55 69.1 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 19.003 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016436.D

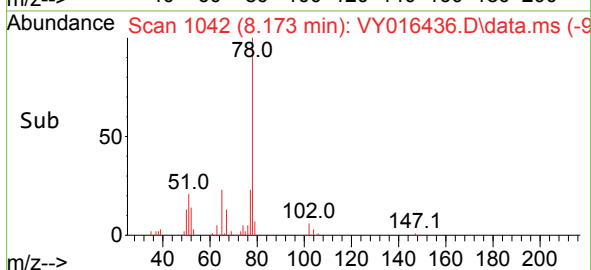
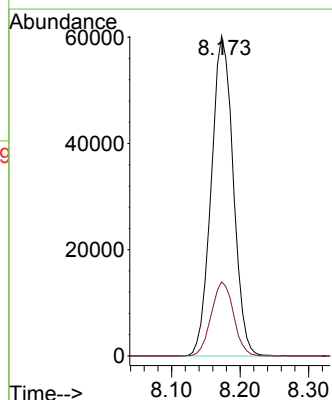
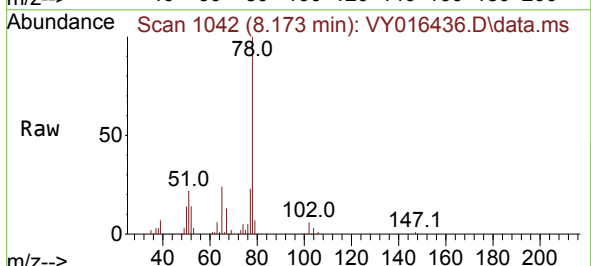
Acq: 21 Nov 2023 14:33

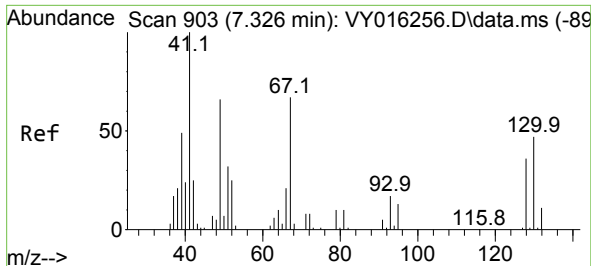
Tgt Ion: 78 Resp: 134009

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6



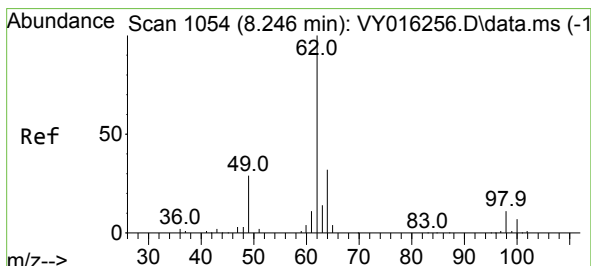
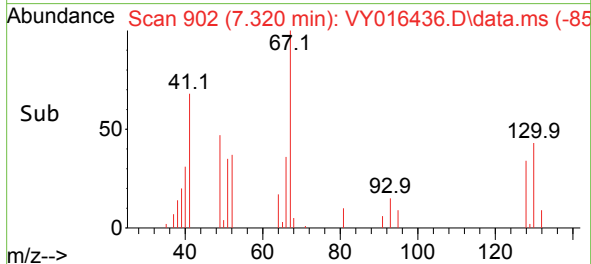
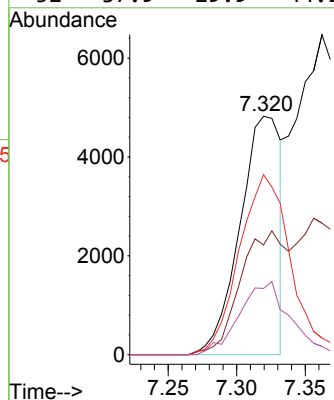
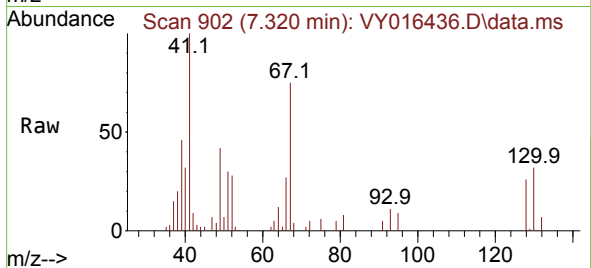


#41
Methacrylonitrile
Concen: 19.558 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 10001

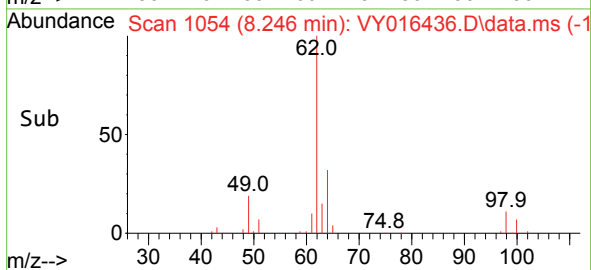
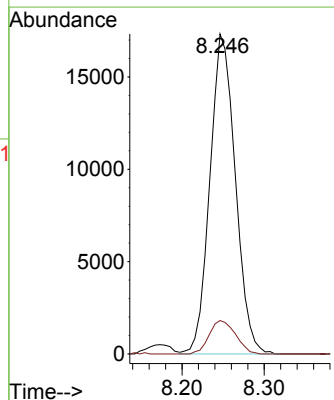
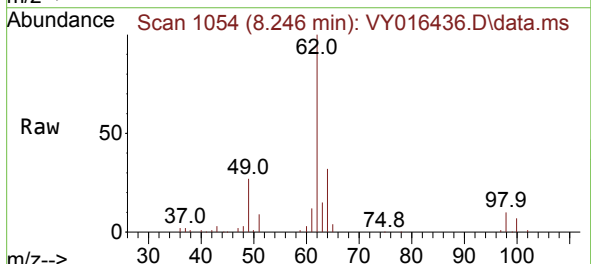
Ion	Ratio	Lower	Upper
41	100		
39	59.3	52.1	78.1
67	94.9	66.2	99.2
52	37.9	29.9	44.9

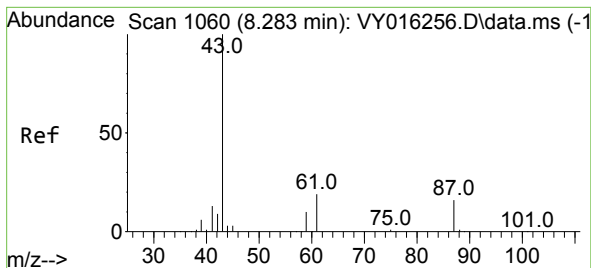


#42
1,2-Dichloroethane
Concen: 20.373 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 62 Resp: 37225

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 20.315 ug/l

RT: 8.283 min Scan# 1106

Delta R.T. -0.000 min

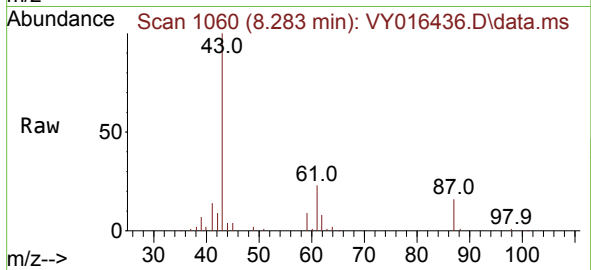
Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

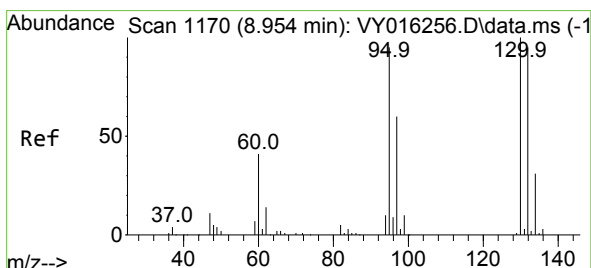
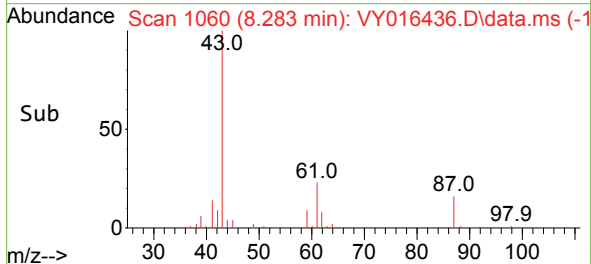
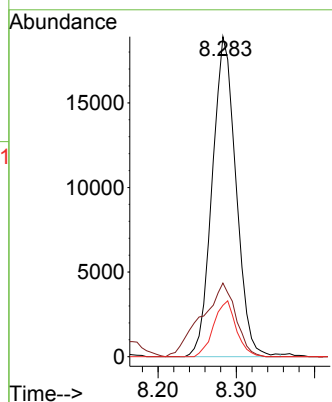
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 39825
Ion Ratio	Lower Upper
43	100
61	33.1 21.1 31.7#
87	16.6 9.8 14.8#



#44

Trichloroethene

Concen: 19.697 ug/l

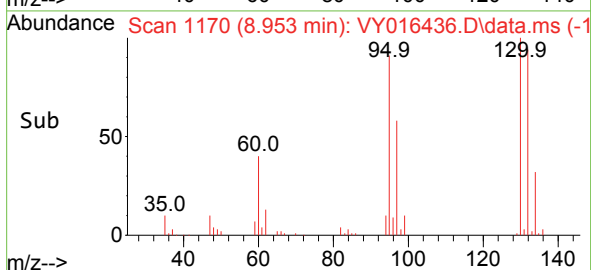
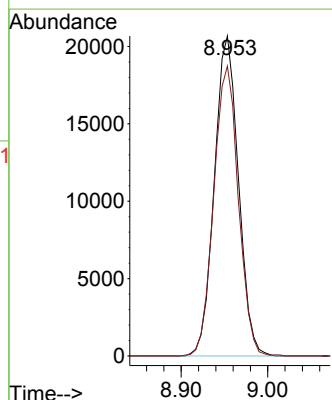
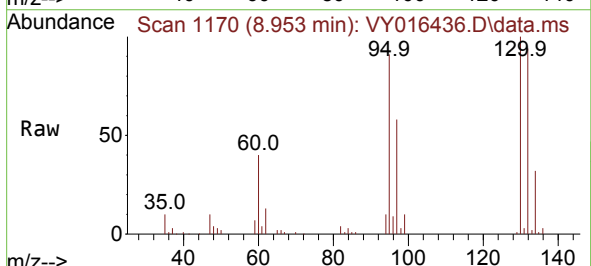
RT: 8.953 min Scan# 1170

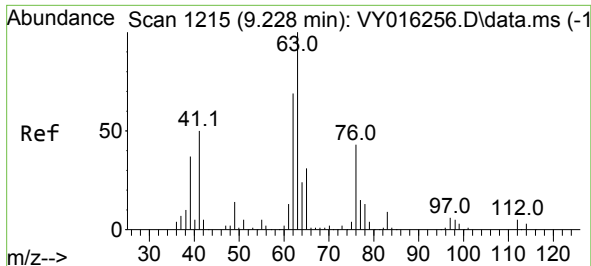
Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Tgt Ion: 130	Resp: 39920
Ion Ratio	Lower Upper
130	100
95	90.6 0.0 196.0

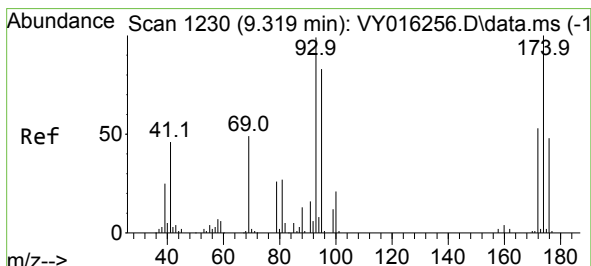
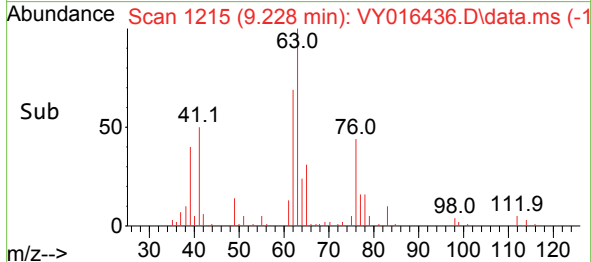
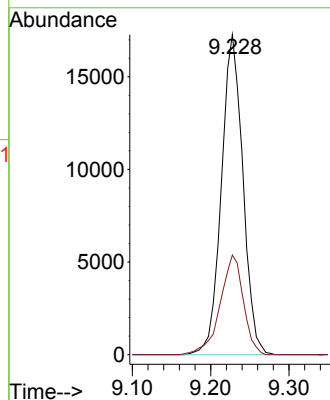
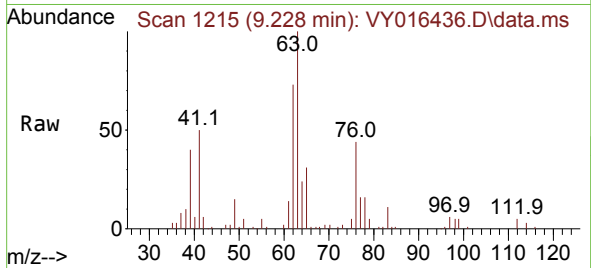




#45
1,2-Dichloropropane
Concen: 19.435 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

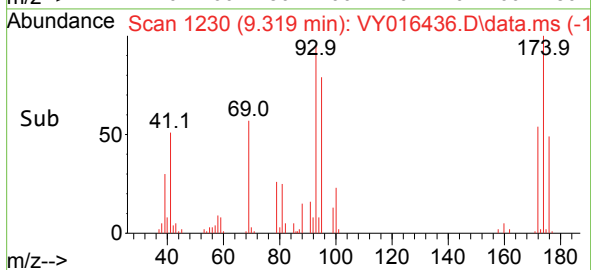
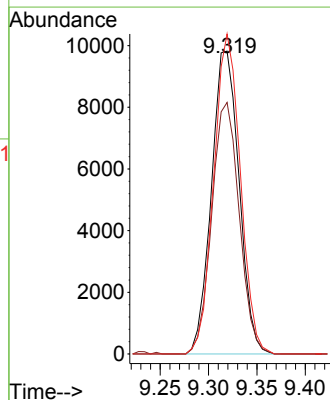
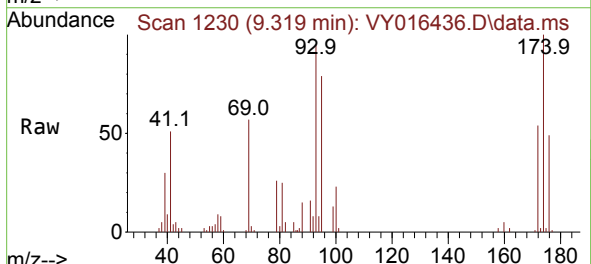
Instrument :
MSVOA_Y
ClientSampleId :

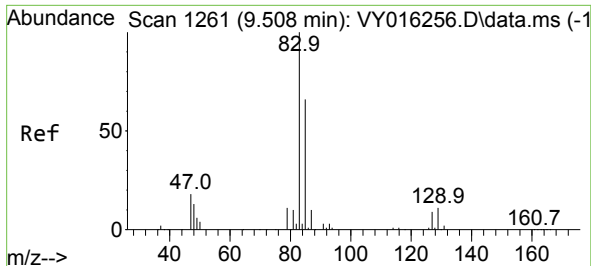
Tgt Ion: 63 Resp: 32916
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6



#46
Dibromomethane
Concen: 21.285 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

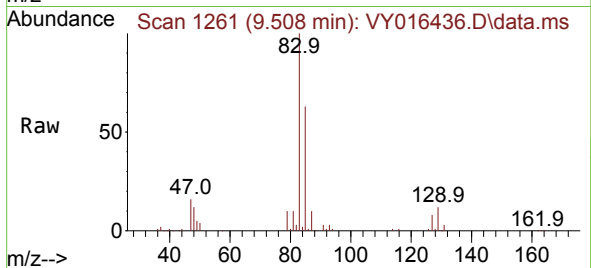
Tgt Ion: 93 Resp: 19535
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 101.7 84.8 127.2



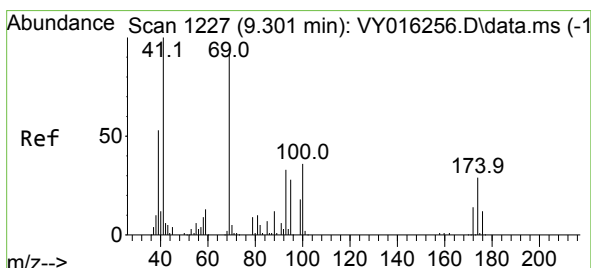
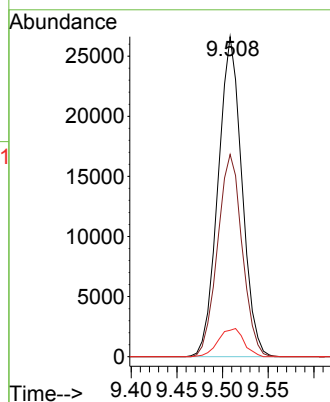
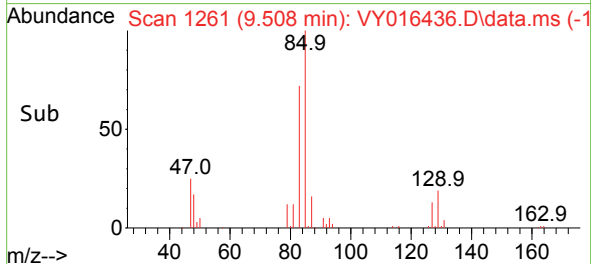


#47
Bromodichloromethane
Concen: 20.487 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Instrument :
MSVOA_Y
ClientSampleId :

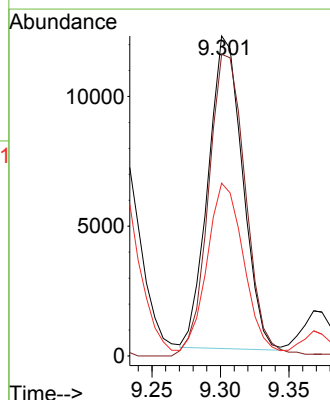
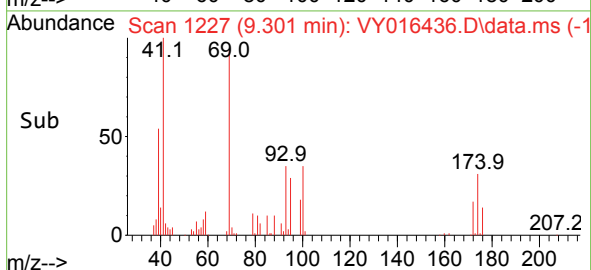
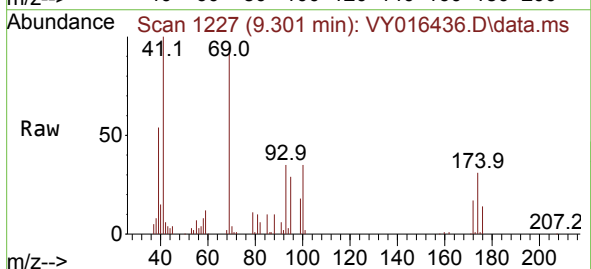


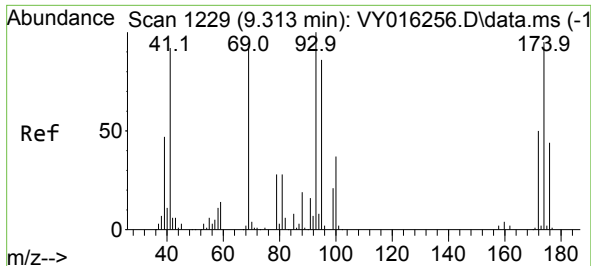
Tgt Ion: 83 Resp: 48339
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 19.456 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 41 Resp: 21079
Ion Ratio Lower Upper
41 100
69 103.6 64.5 96.7#
39 59.5 50.8 76.2





#49

1,4-Dioxane

Concen: 430.954 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

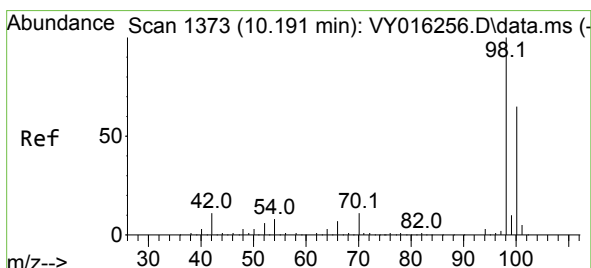
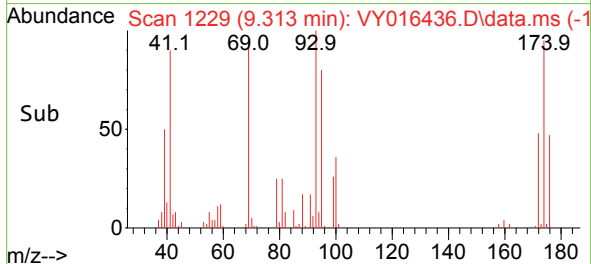
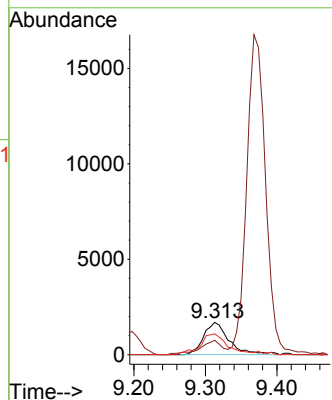
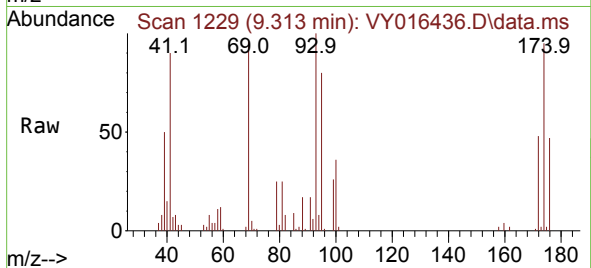
Tgt Ion: 88 Resp: 4199

Ion Ratio Lower Upper

88 100

43 38.4 0.0 0.0#

58 68.5 30.9 46.3#



#50

Toluene-d8

Concen: 50.844 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016436.D

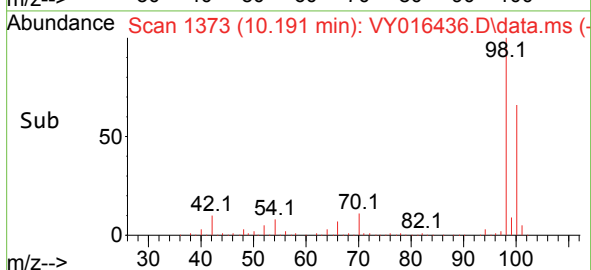
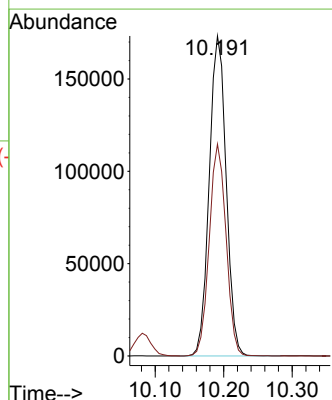
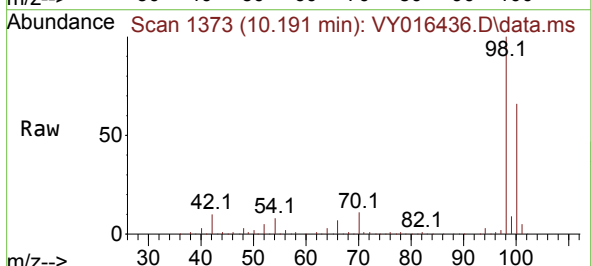
Acq: 21 Nov 2023 14:33

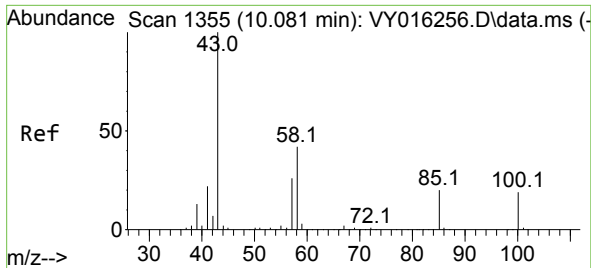
Tgt Ion: 98 Resp: 298047

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

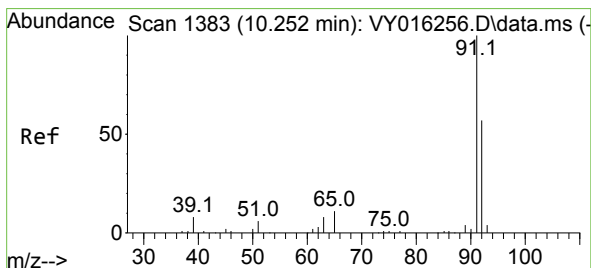
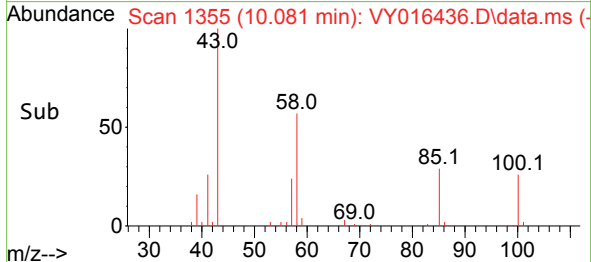
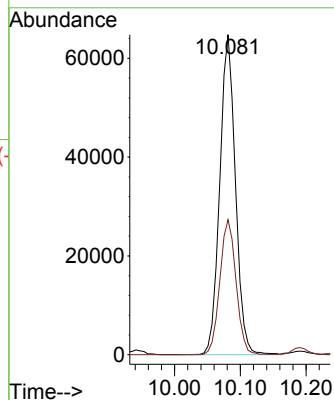
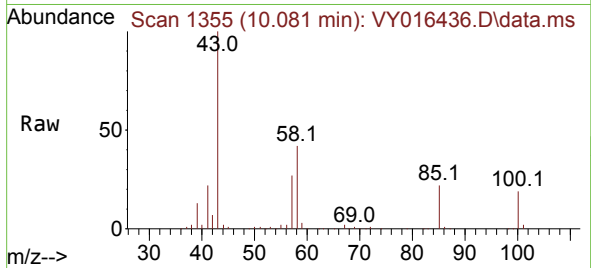




#51
4-Methyl-2-Pentanone
Concen: 108.378 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

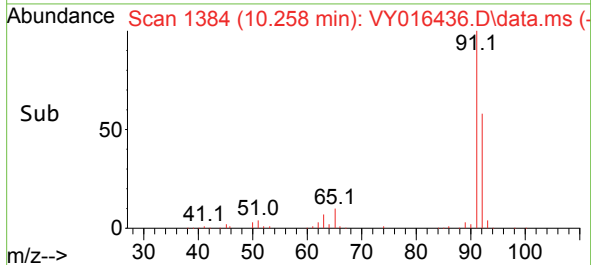
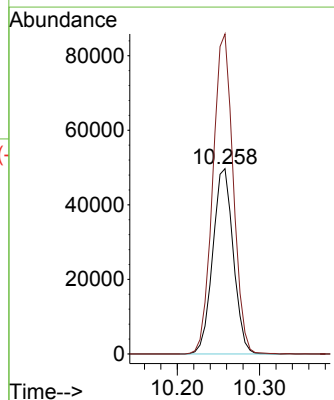
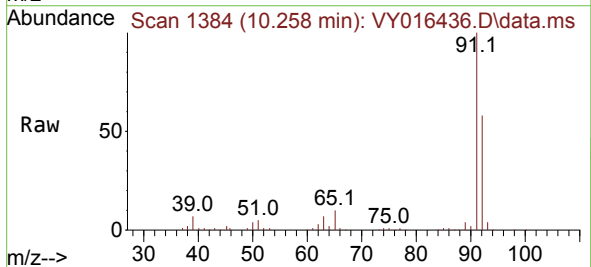
Instrument :
MSVOA_Y
ClientSampleId :

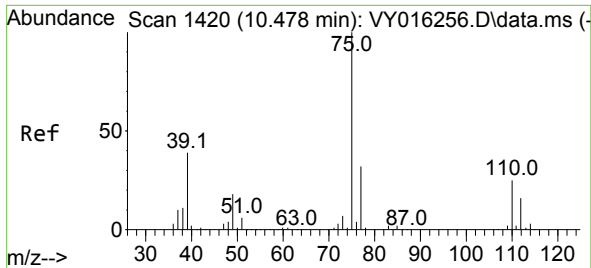
Tgt Ion: 43 Resp: 107438
Ion Ratio Lower Upper
43 100
58 43.6 29.0 43.6#



#52
Toluene
Concen: 19.324 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 92 Resp: 86142
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

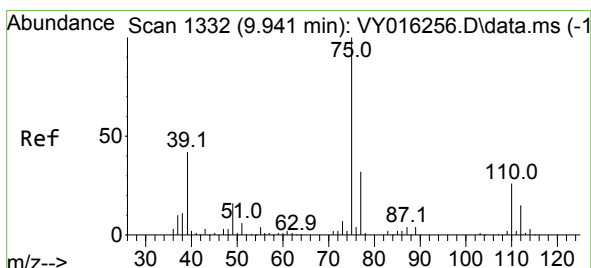
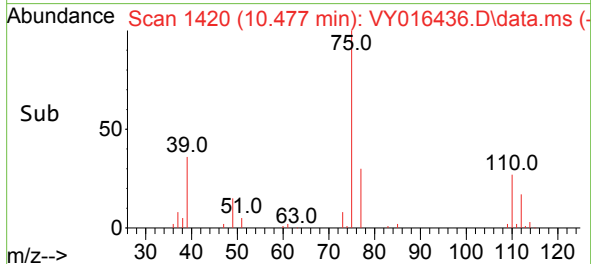
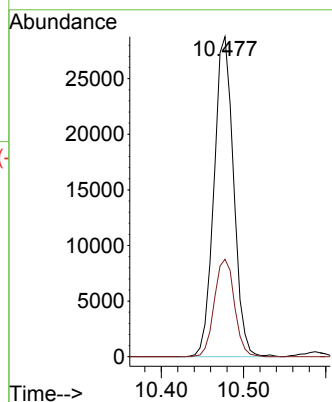
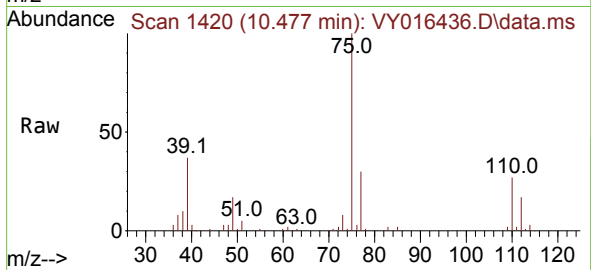




#53
t-1,3-Dichloropropene
Concen: 20.828 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

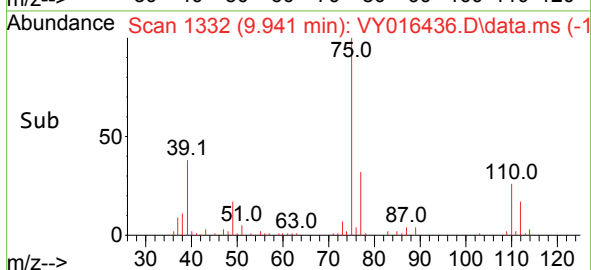
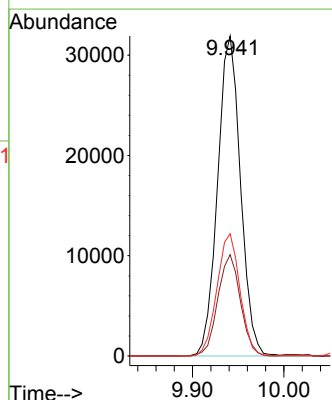
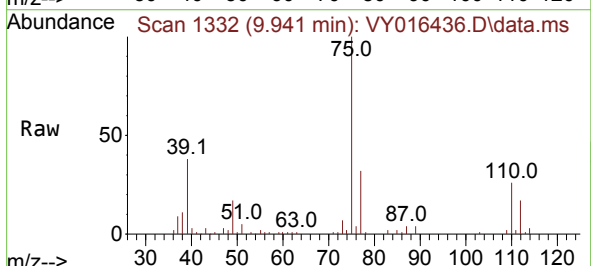
Instrument :
MSVOA_Y
ClientSampleId :

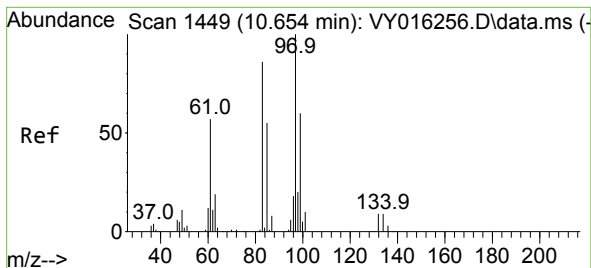
Tgt Ion: 75 Resp: 47640
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.350 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 75 Resp: 55597
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 38.2 42.2 63.4#

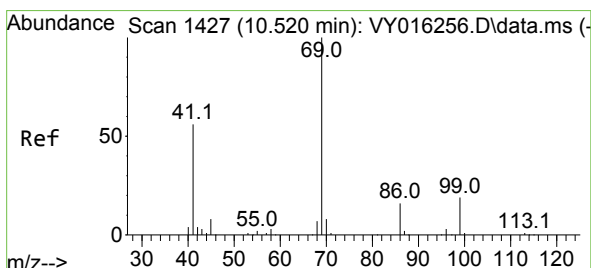
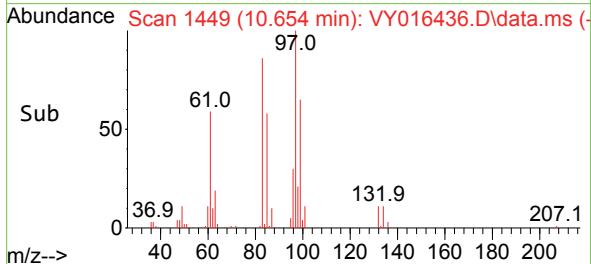
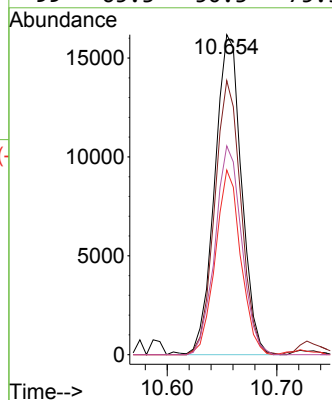
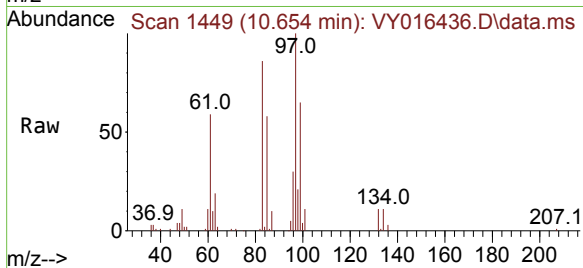




#55
1,1,2-Trichloroethane
Concen: 21.723 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

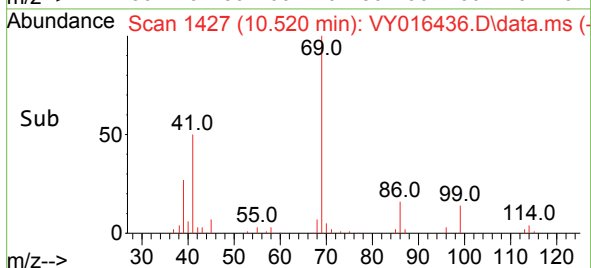
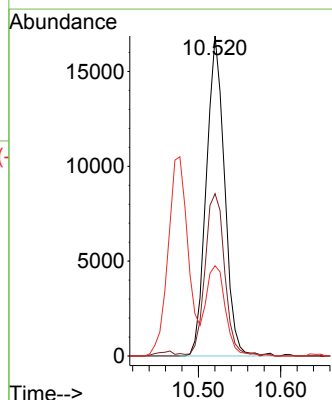
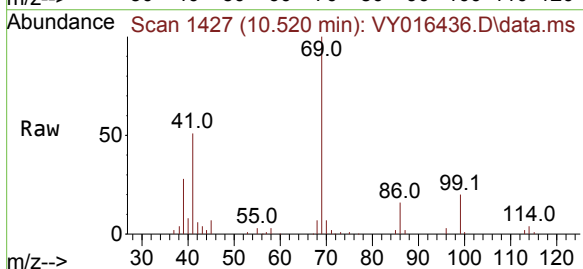
Instrument :
MSVOA_Y
ClientSampleId :

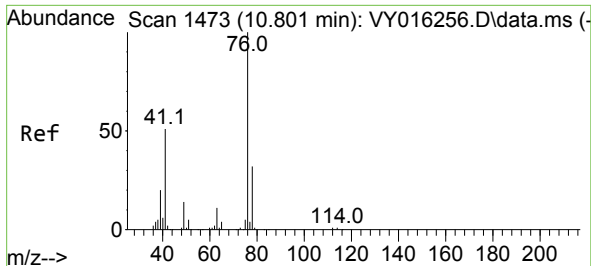
Tgt Ion:	97	Resp:	27479
Ion	Ratio	Lower	Upper
97	100		
83	85.6	72.0	108.0
85	57.7	45.4	68.0
99	65.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 21.786 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion:	69	Resp:	26014
Ion	Ratio	Lower	Upper
69	100		
41	54.6	57.6	86.4#
39	29.8	34.1	51.1#

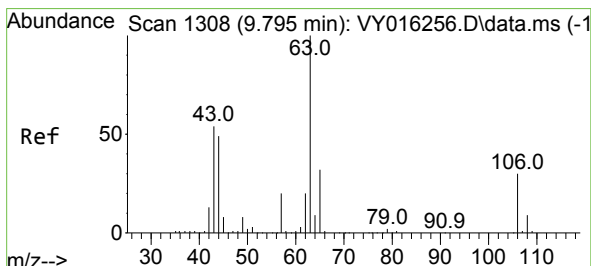
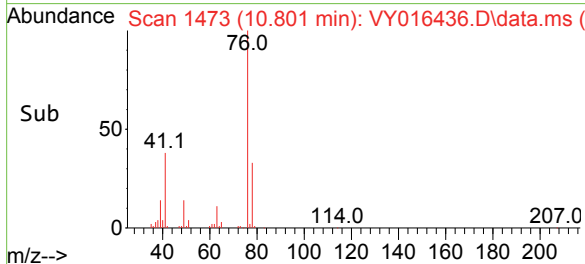
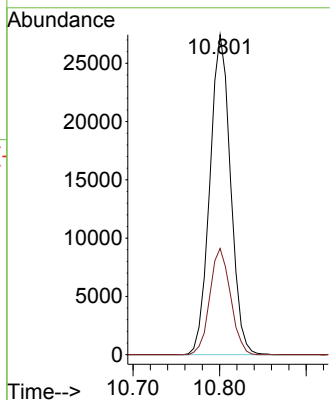
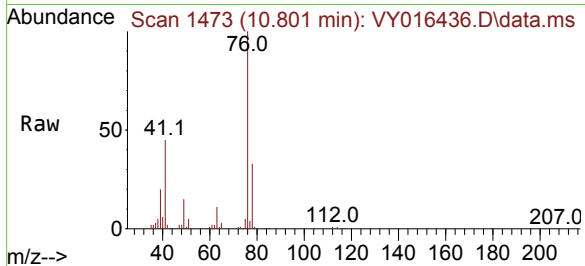




#57
1,3-Dichloropropane
Concen: 21.124 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

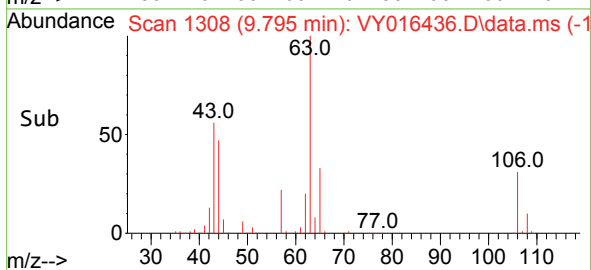
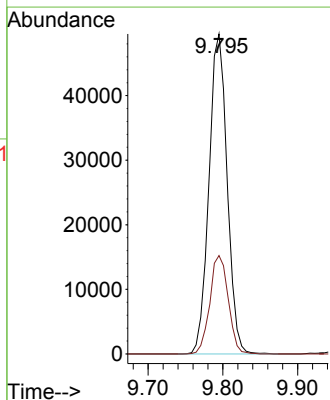
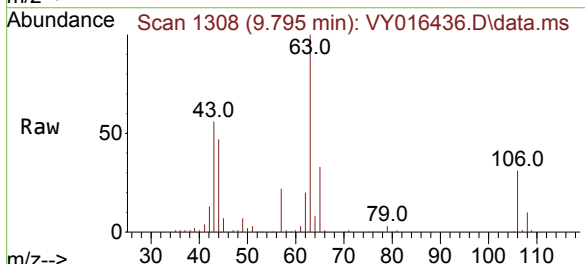
Instrument :
MSVOA_Y
ClientSampleId :

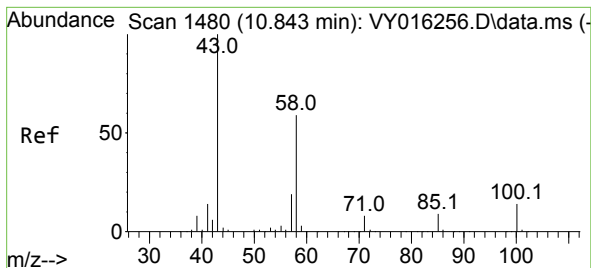
Tgt Ion: 76 Resp: 45549
Ion Ratio Lower Upper
76 100
78 33.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 103.636 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 63 Resp: 83912
Ion Ratio Lower Upper
63 100
106 31.1 21.2 31.8

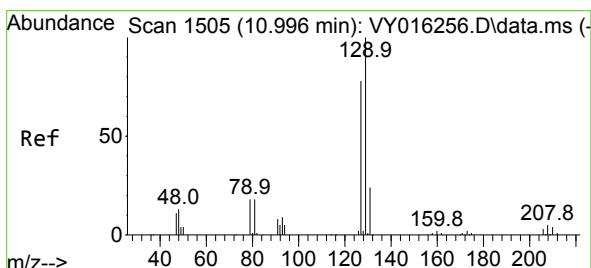
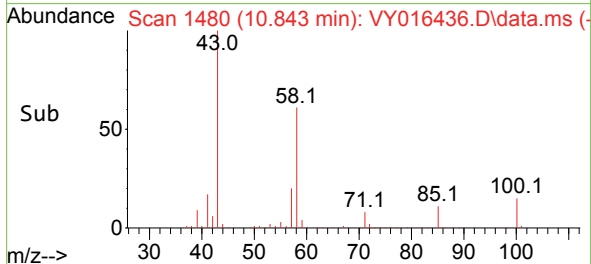
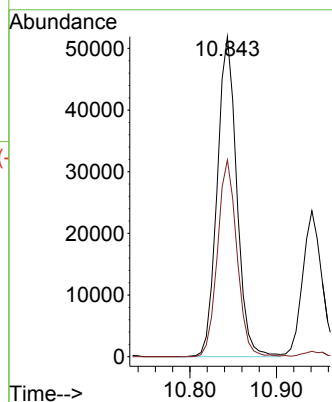
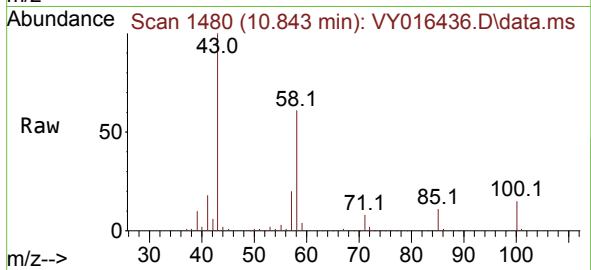




#59
2-Hexanone
Concen: 110.388 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

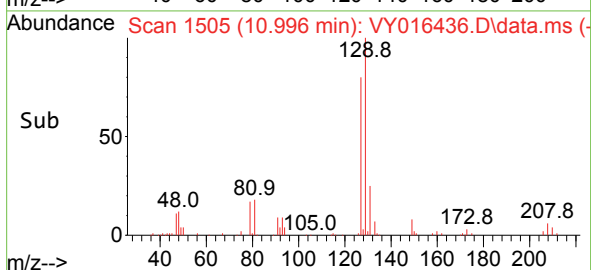
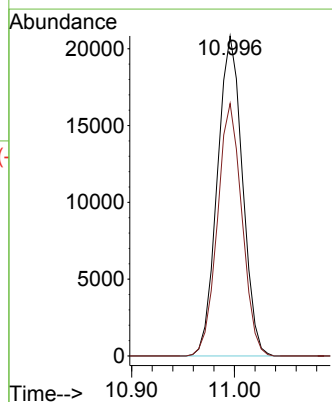
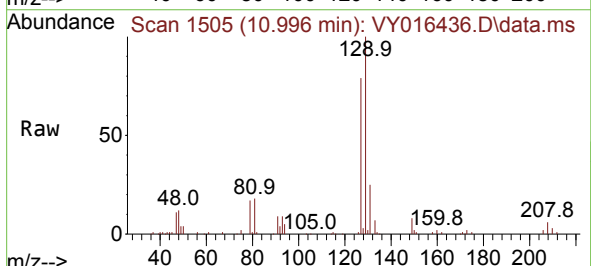
Instrument :
MSVOA_Y
ClientSampleId :

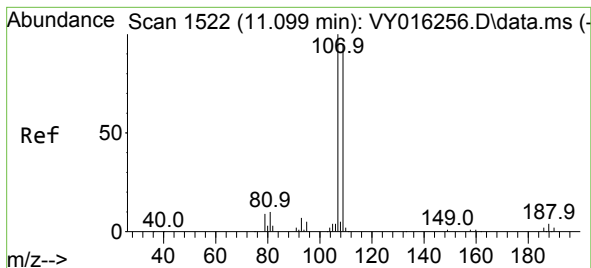
Tgt Ion: 43 Resp: 81397
Ion Ratio Lower Upper
43 100
58 61.2 25.1 75.3



#60
Dibromochloromethane
Concen: 22.333 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 129 Resp: 35331
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

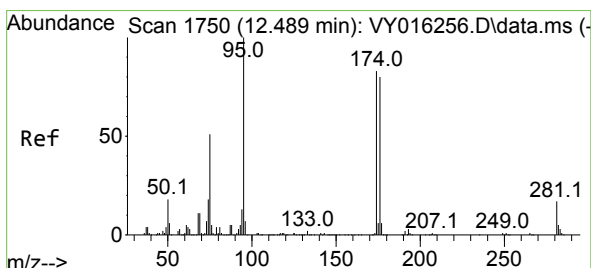
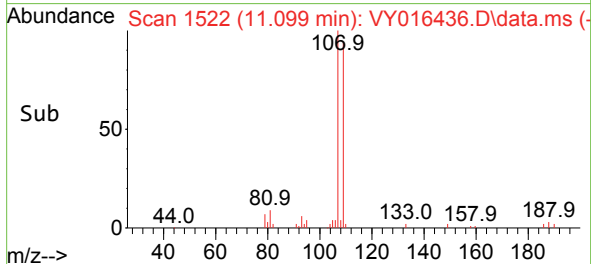
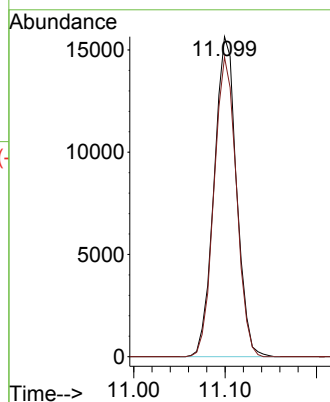
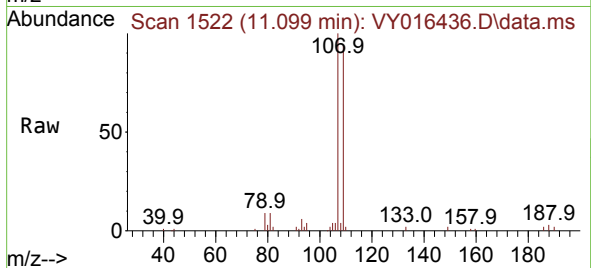




#61
1,2-Dibromoethane
Concen: 22.089 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

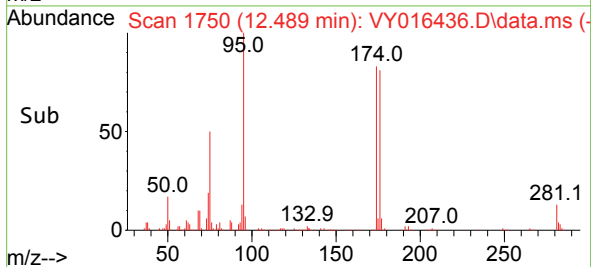
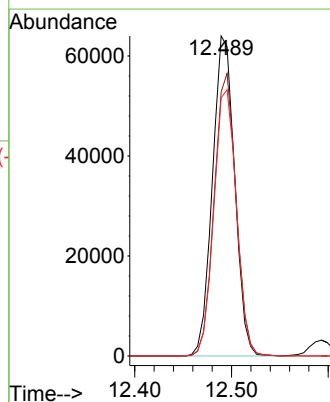
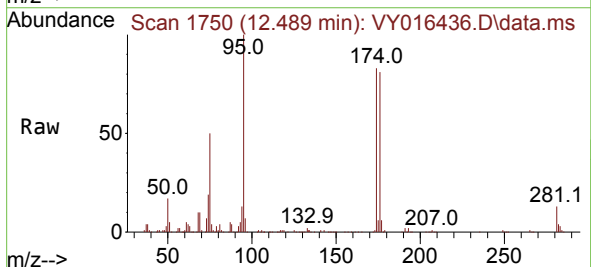
Instrument :
MSVOA_Y
ClientSampleId :

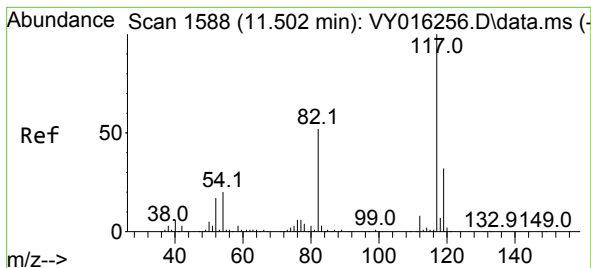
Tgt Ion:107 Resp: 26620
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.391 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 95 Resp: 101650
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 84.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY016436.D

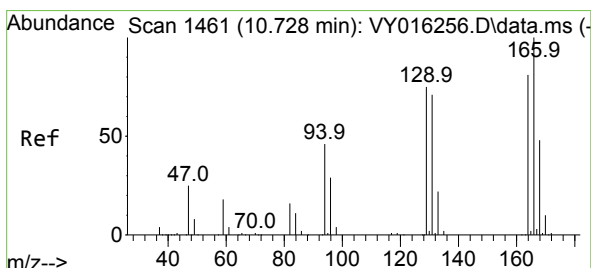
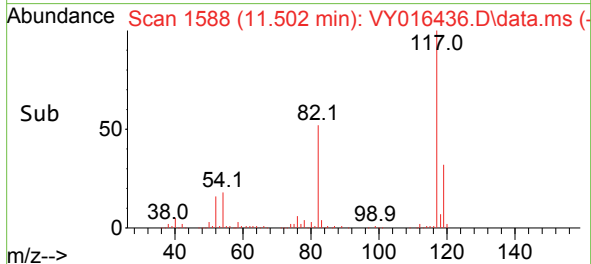
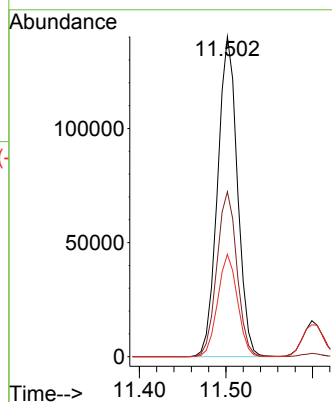
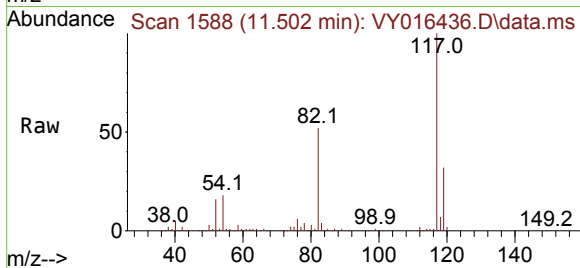
Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 223026
Ion Ratio	Lower Upper
117 100	
82 51.6	43.4 65.0
119 32.0	26.3 39.5



#64

Tetrachloroethene

Concen: 20.467 ug/l

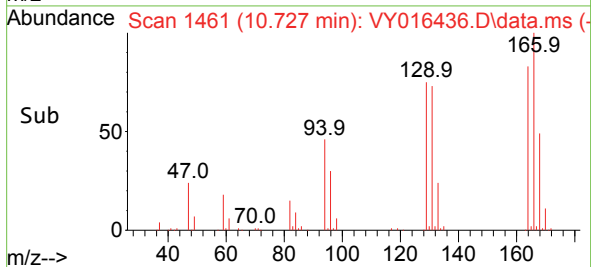
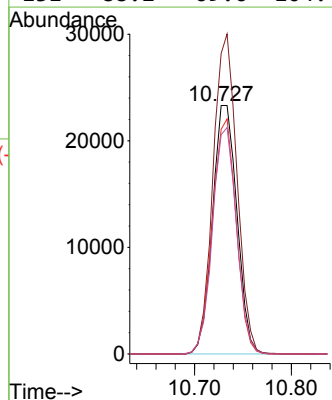
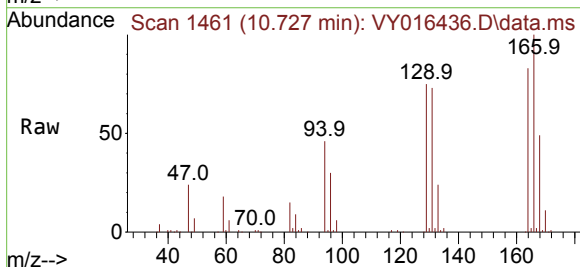
RT: 10.727 min Scan# 1461

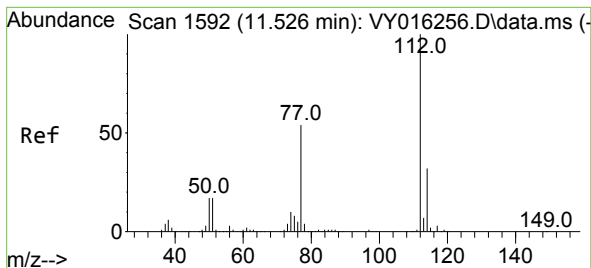
Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Tgt	Ion:164	Resp:	40987
Ion	Ratio	Lower	Upper
164	100		
166	120.9	103.0	154.6
129	90.4	77.2	115.8
131	88.2	69.6	104.4





#65

Chlorobenzene

Concen: 19.993 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

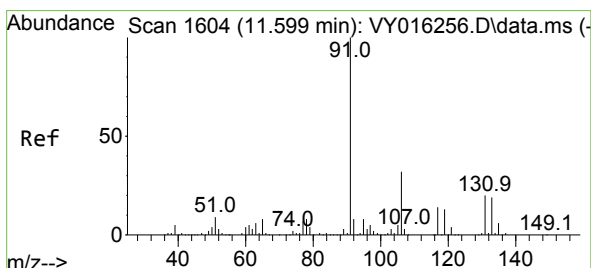
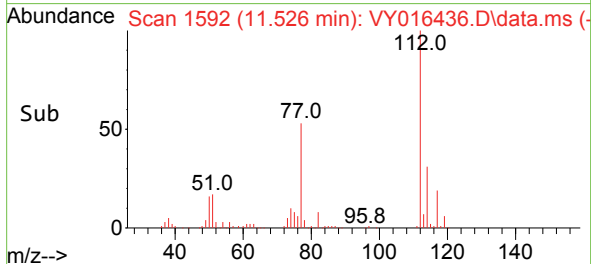
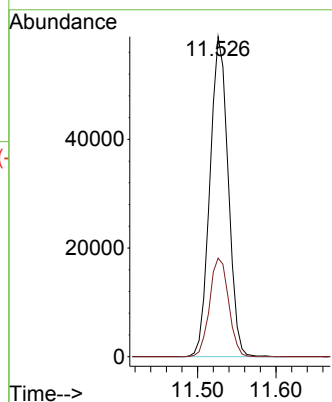
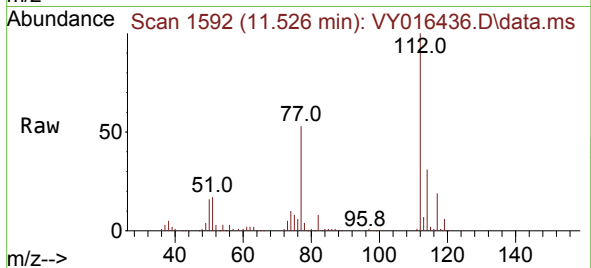
ClientSampleId :

Tgt Ion:112 Resp: 95266

Ion Ratio Lower Upper

112 100

114 30.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.326 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

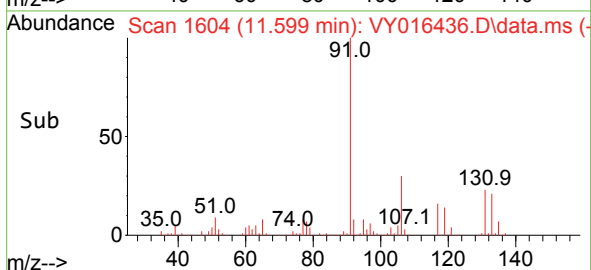
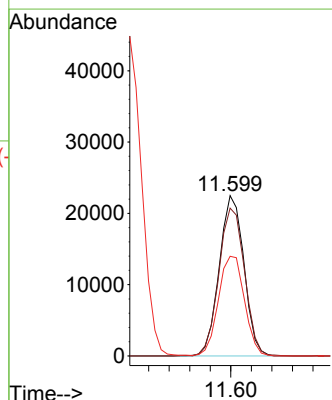
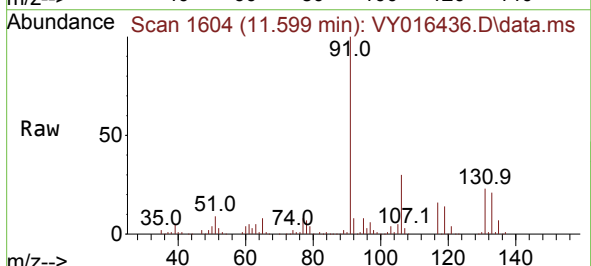
Tgt Ion:131 Resp: 37481

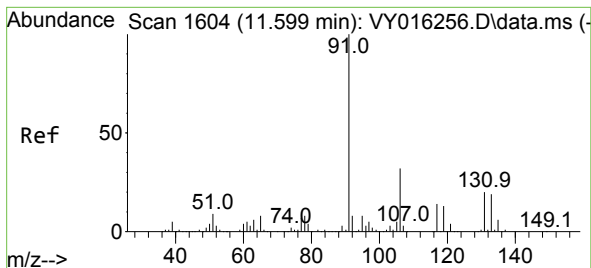
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 19.223 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

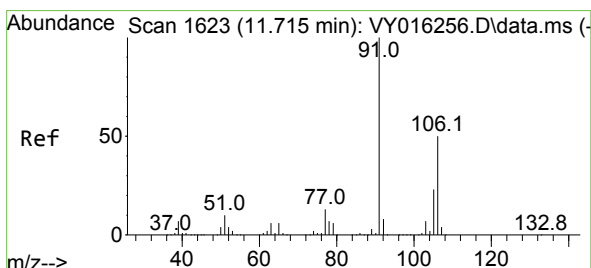
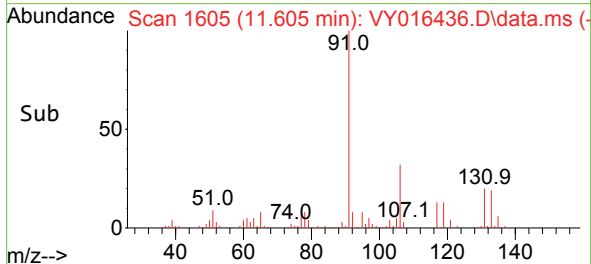
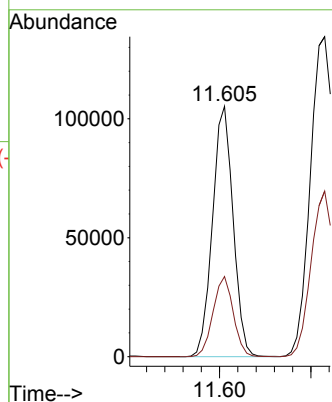
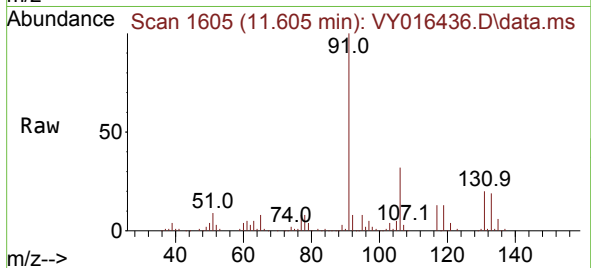
ClientSampleId :

Tgt Ion: 91 Resp: 164617

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 38.863 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016436.D

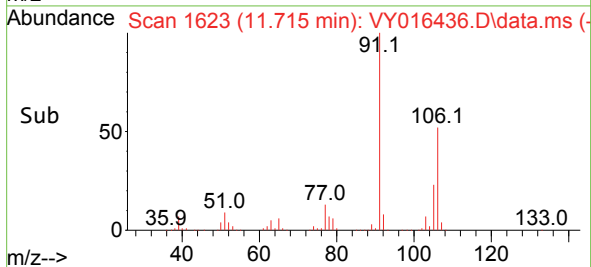
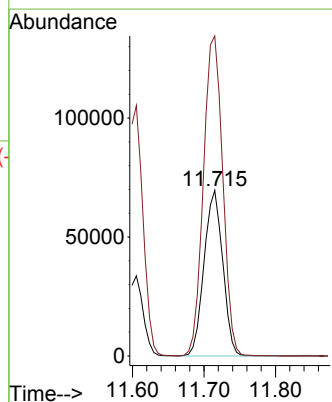
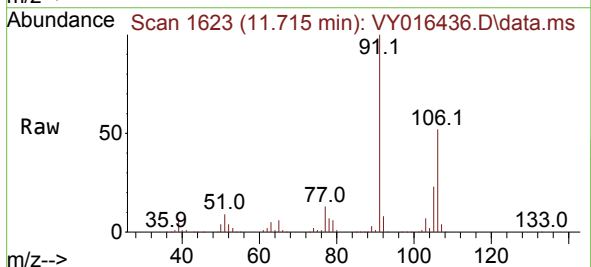
Acq: 21 Nov 2023 14:33

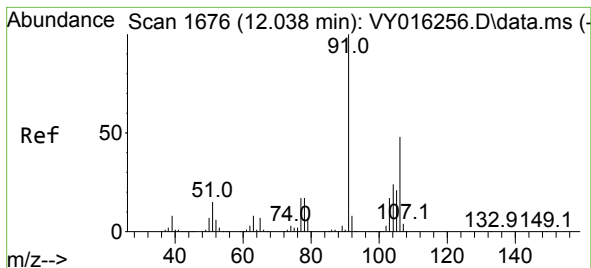
Tgt Ion:106 Resp: 126229

Ion Ratio Lower Upper

106 100

91 200.2 166.1 249.1





#69

o-Xylene

Concen: 19.769 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

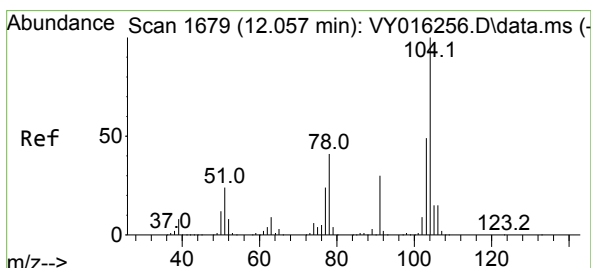
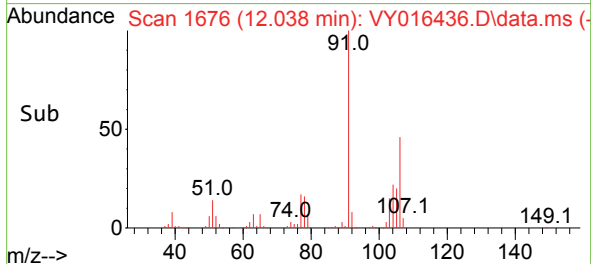
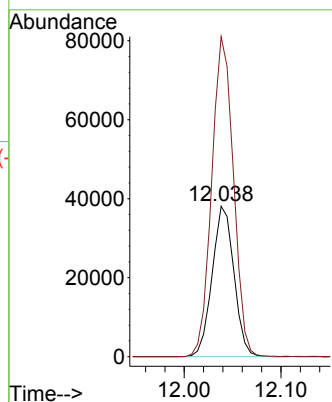
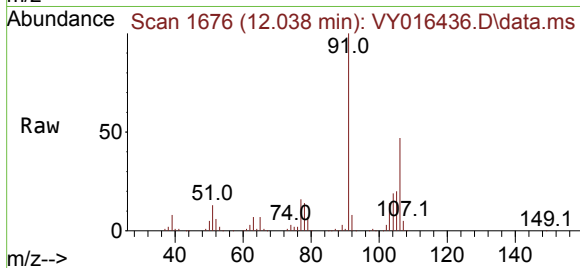
ClientSampleId :

Tgt Ion:106 Resp: 59617

Ion Ratio Lower Upper

106 100

91 212.1 108.1 324.3



#70

Styrene

Concen: 20.472 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

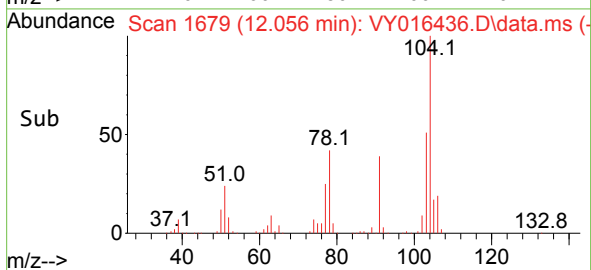
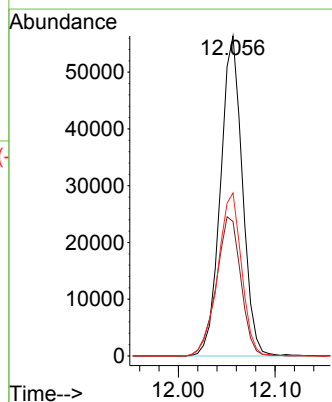
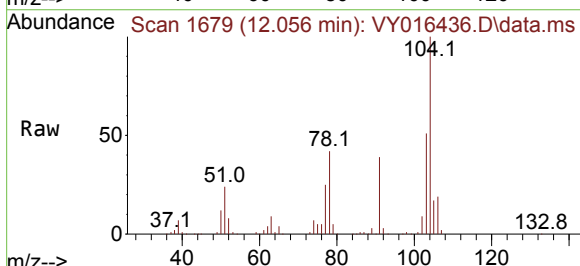
Tgt Ion:104 Resp: 88400

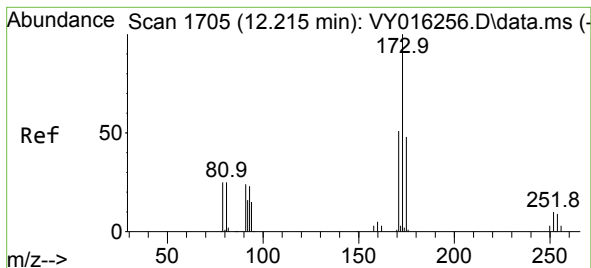
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 23.548 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016436.D

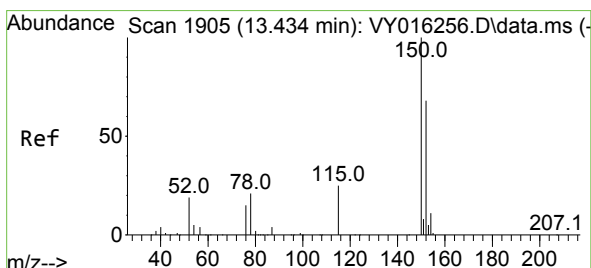
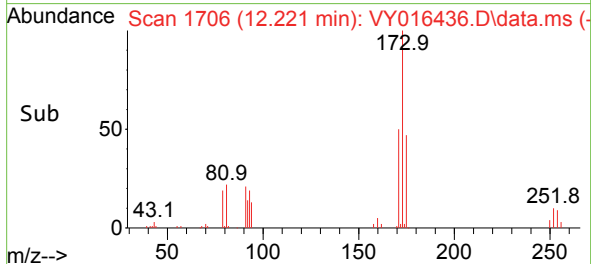
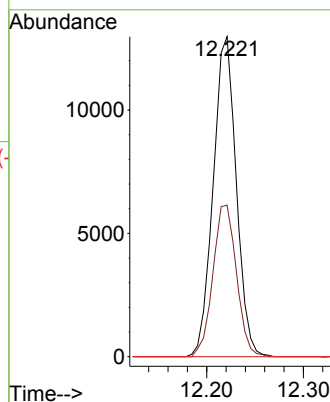
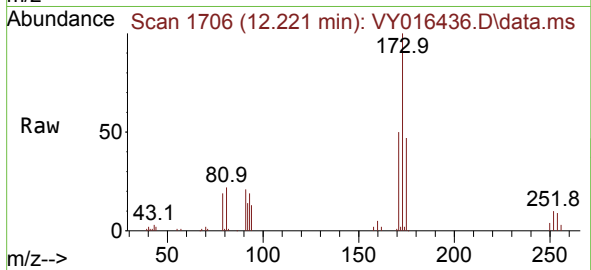
Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	21474
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

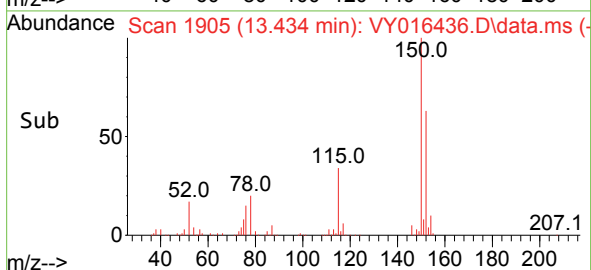
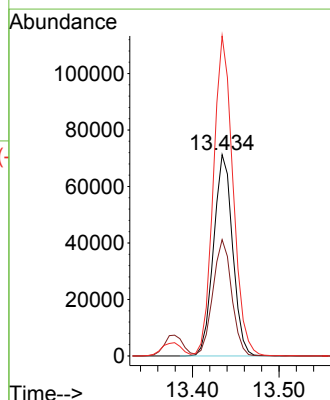
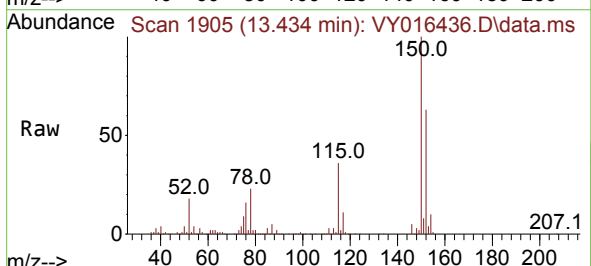
RT: 13.434 min Scan# 1905

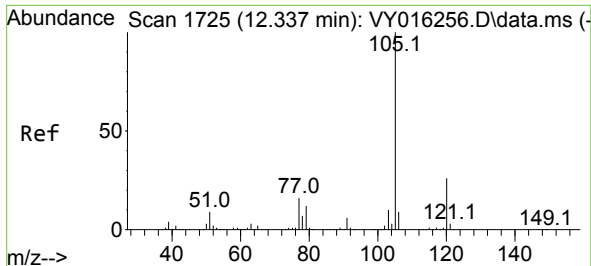
Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Tgt Ion:152	Resp:	108826
Ion Ratio	Lower	Upper
152	100	
115	57.2	28.8 86.5
150	164.1	0.0 348.8

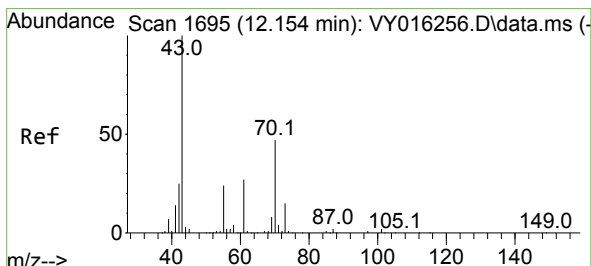
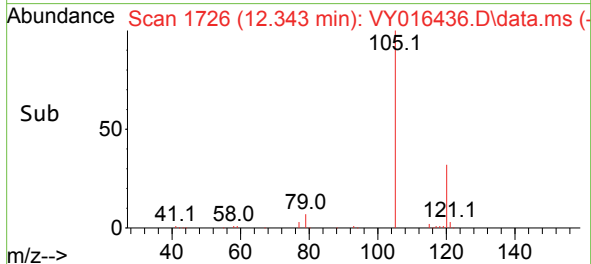
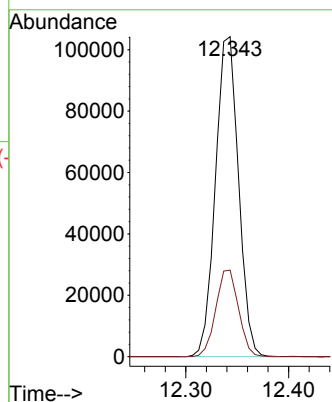
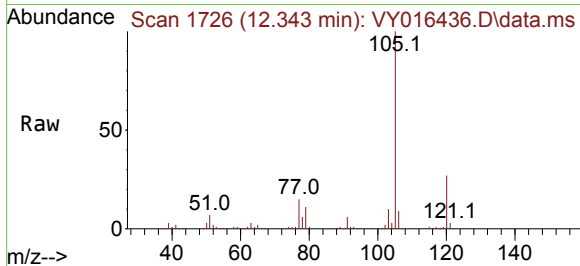




#73
Isopropylbenzene
Concen: 18.420 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

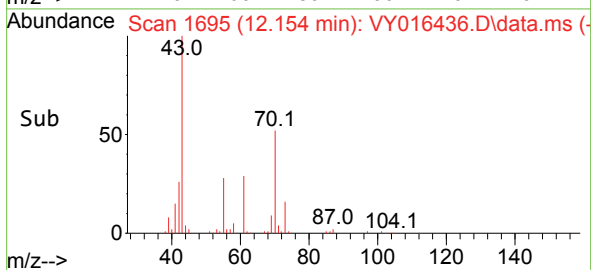
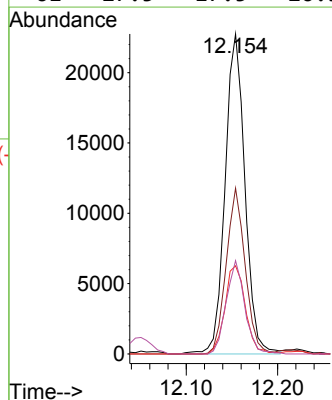
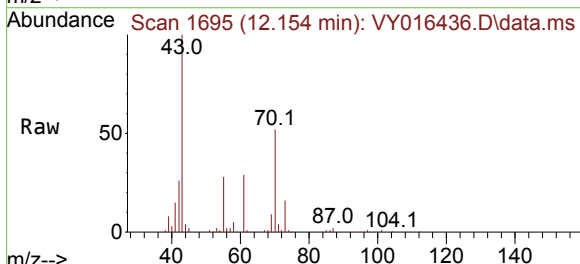
Instrument :
MSVOA_Y
ClientSampleId :

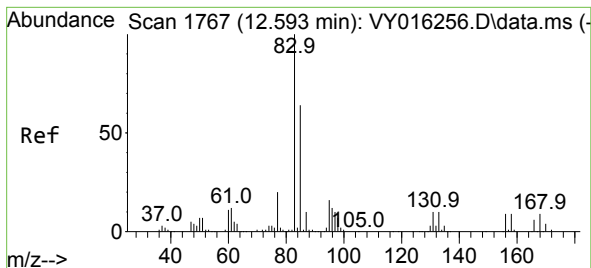
Tgt Ion:105 Resp: 162325
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 19.394 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 43 Resp: 34330
Ion Ratio Lower Upper
43 100
70 49.7 29.7 44.5#
55 28.6 18.3 27.5#
61 27.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.151 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

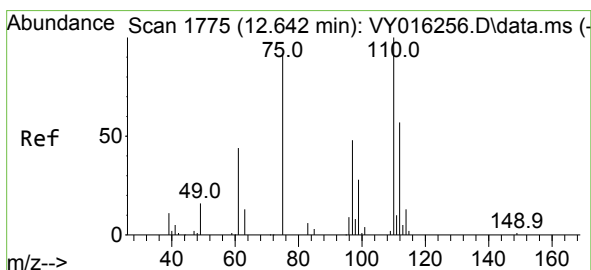
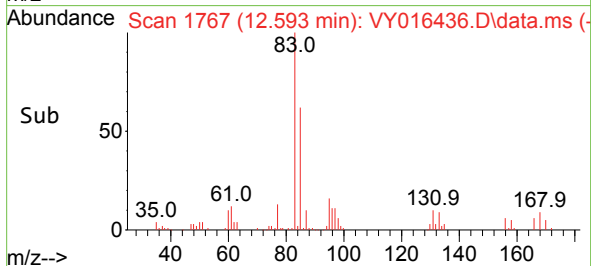
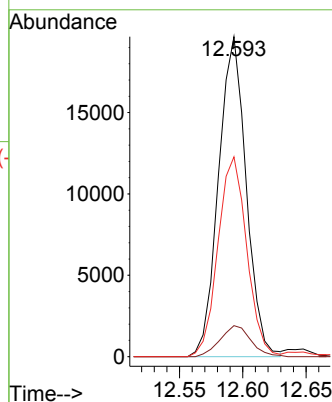
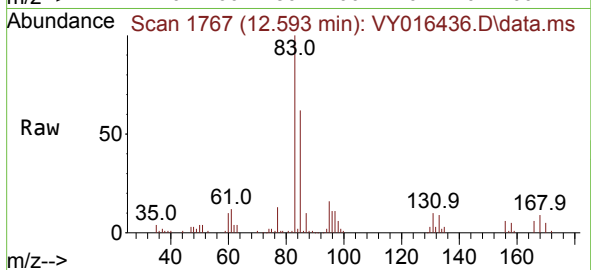
Tgt Ion: 83 Resp: 29909

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.850 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016436.D

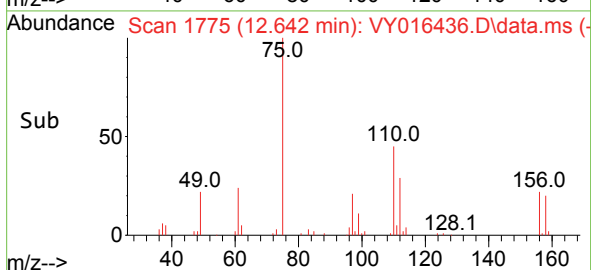
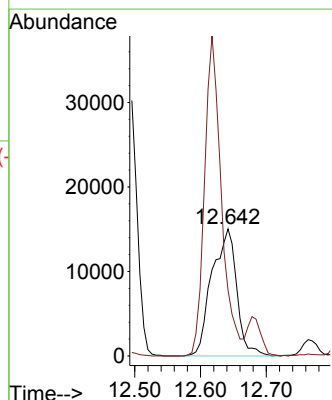
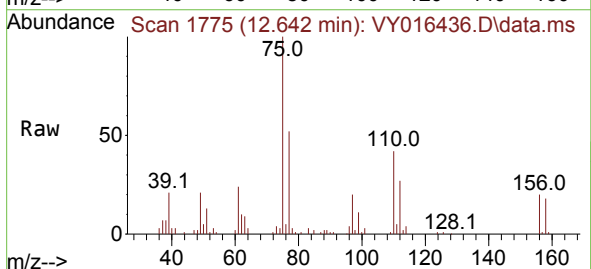
Acq: 21 Nov 2023 14:33

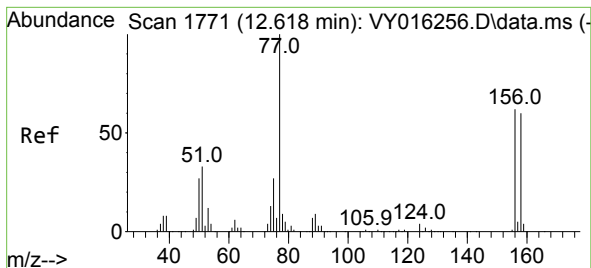
Tgt Ion: 75 Resp: 39514

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.853 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

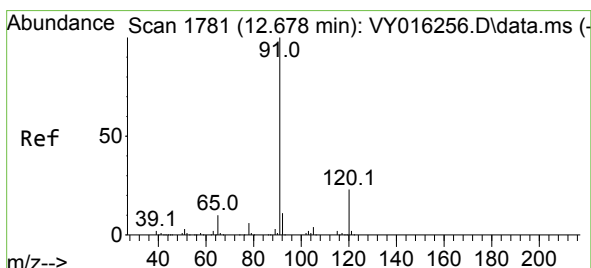
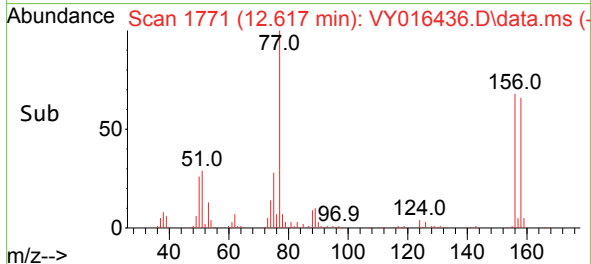
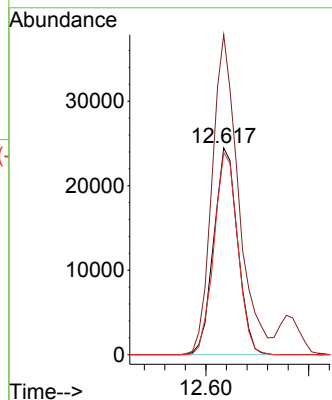
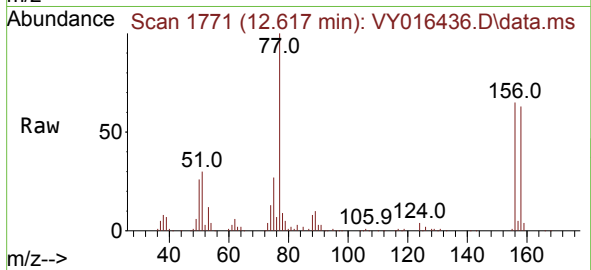
Tgt Ion:156 Resp: 39542

Ion Ratio Lower Upper

156 100

77 170.4 92.8 278.6

158 97.4 48.4 145.3



#78

n-propylbenzene

Concen: 18.027 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016436.D

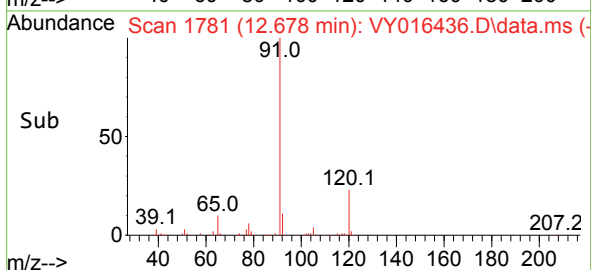
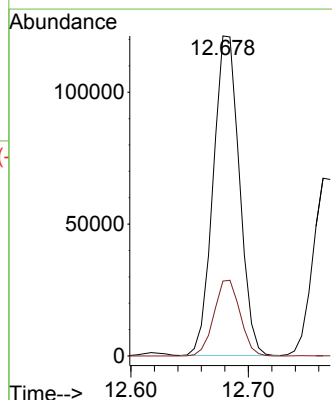
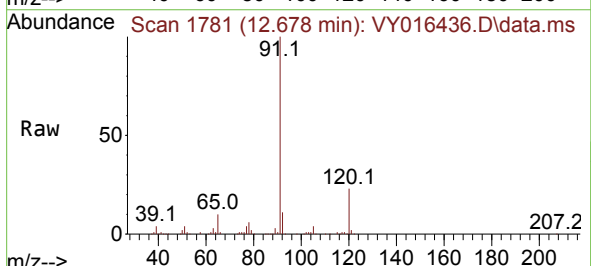
Acq: 21 Nov 2023 14:33

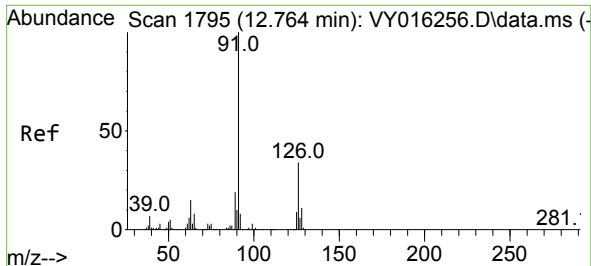
Tgt Ion: 91 Resp: 187738

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

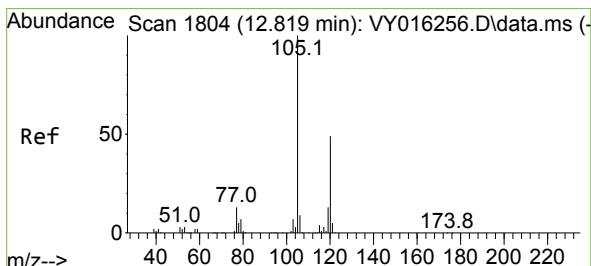
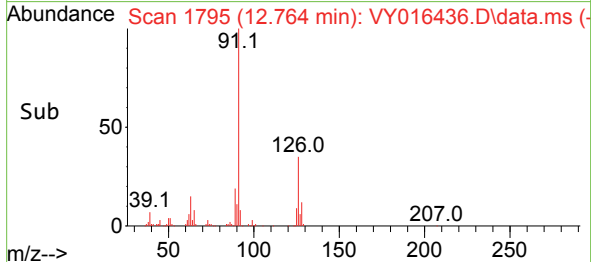
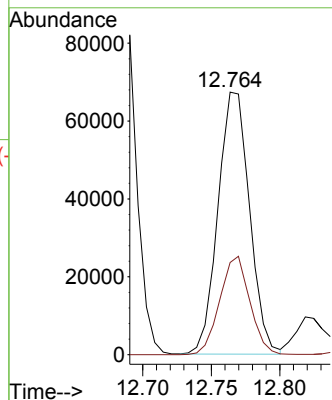
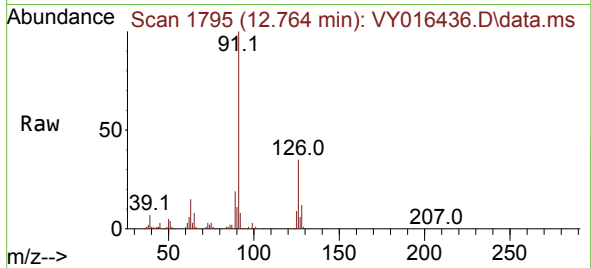




#79
2-Chlorotoluene
Concen: 18.810 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

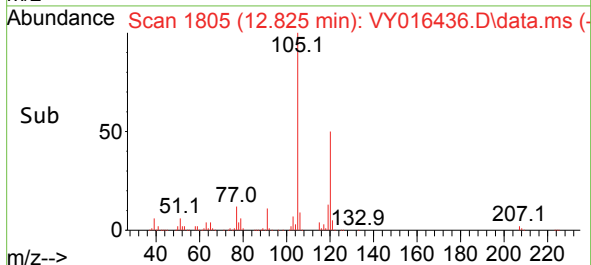
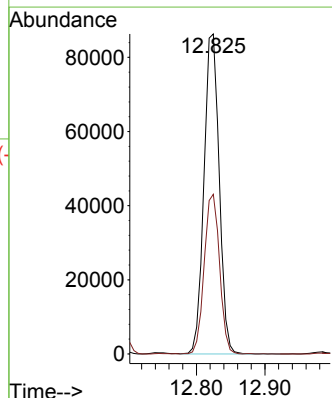
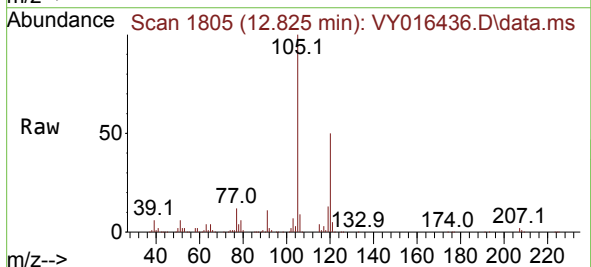
Instrument :
MSVOA_Y
ClientSampleId :

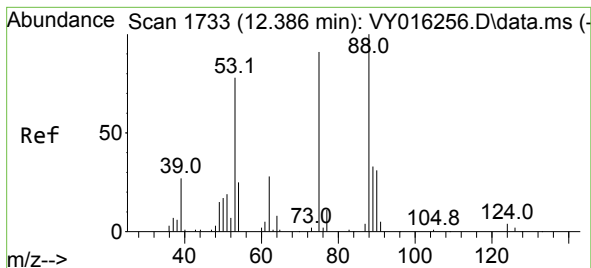
Tgt Ion: 91 Resp: 107959
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.821 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 105 Resp: 133727
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

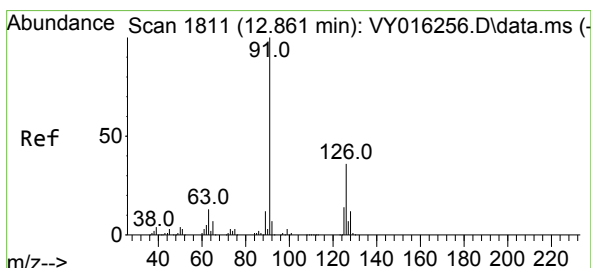
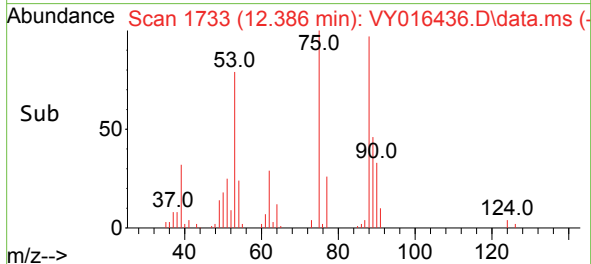
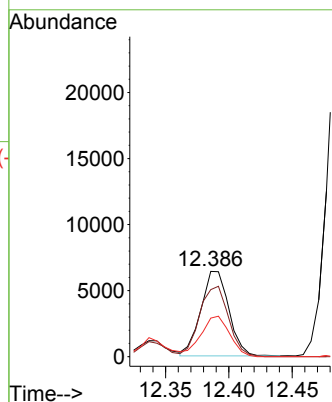
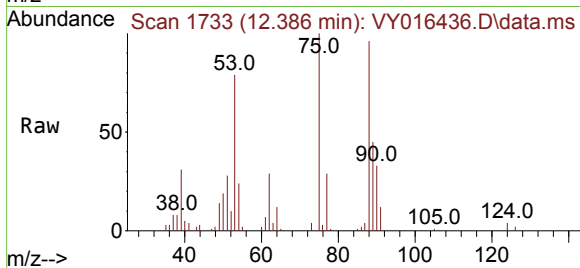




#81
trans-1,4-Dichloro-2-butene
Concen: 20.549 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

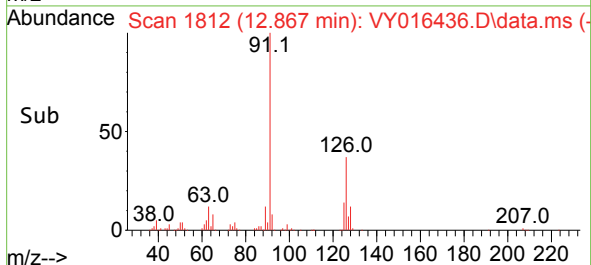
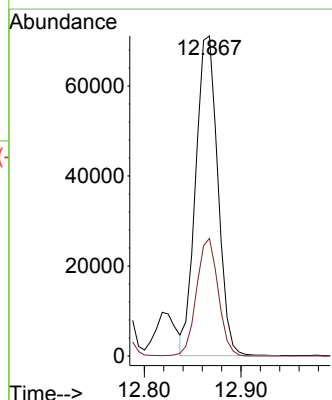
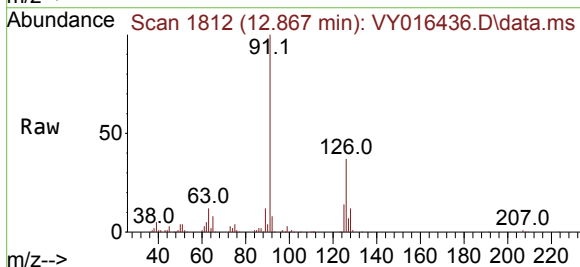
Instrument :
MSVOA_Y
ClientSampleId :

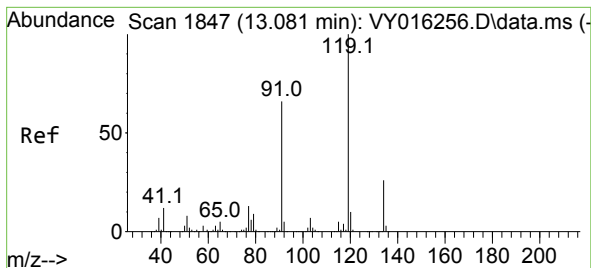
Tgt Ion: 75 Resp: 9883
Ion Ratio Lower Upper
75 100
53 86.0 77.8 116.8
89 49.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.019 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016436.D
Acq: 21 Nov 2023 14:33

Tgt Ion: 91 Resp: 112796
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.078 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

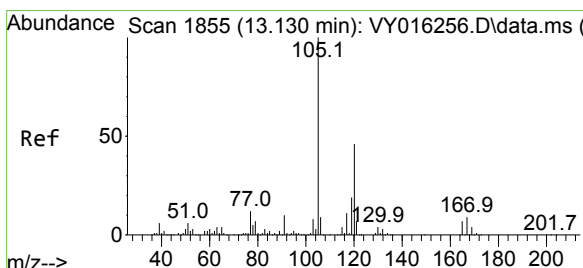
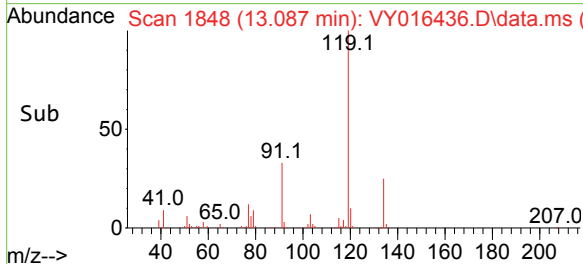
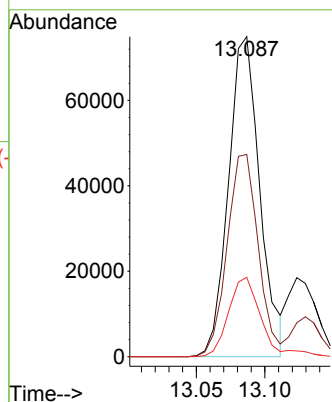
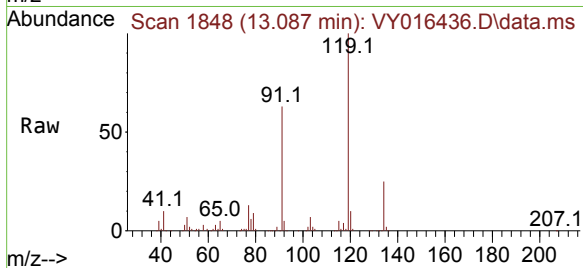
Tgt Ion:119 Resp: 119397

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.275 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016436.D

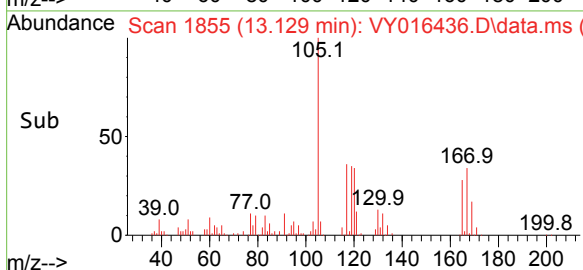
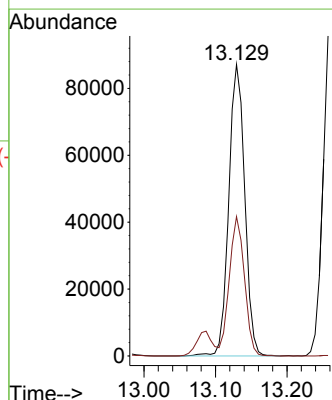
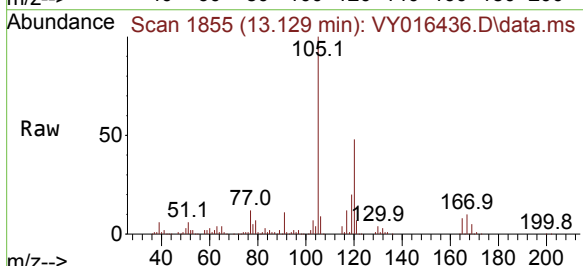
Acq: 21 Nov 2023 14:33

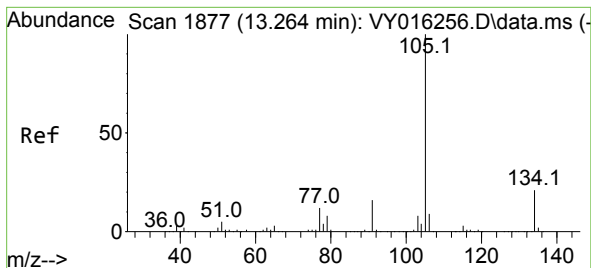
Tgt Ion:105 Resp: 134852

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 18.603 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

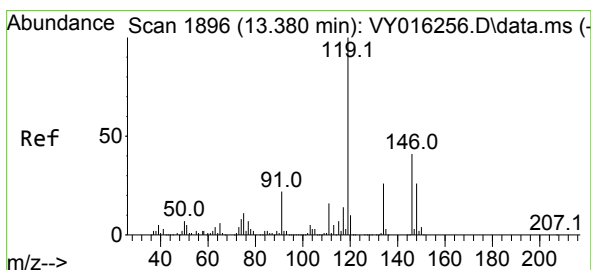
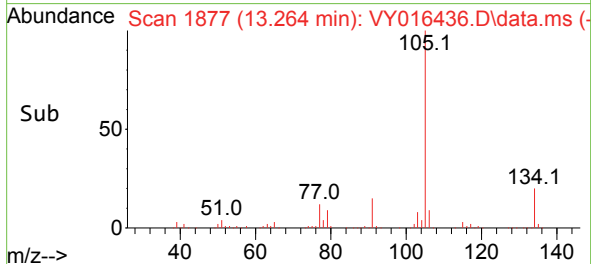
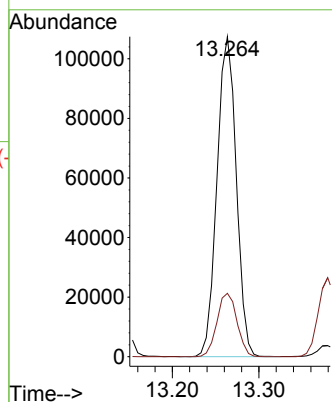
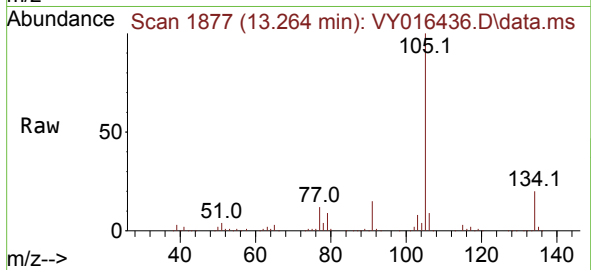
ClientSampleId :

Tgt Ion:105 Resp: 166322

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 18.764 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

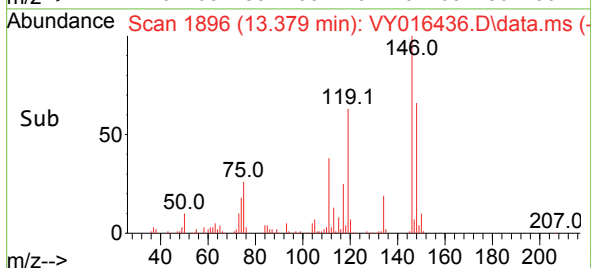
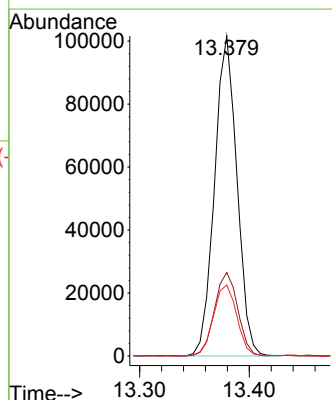
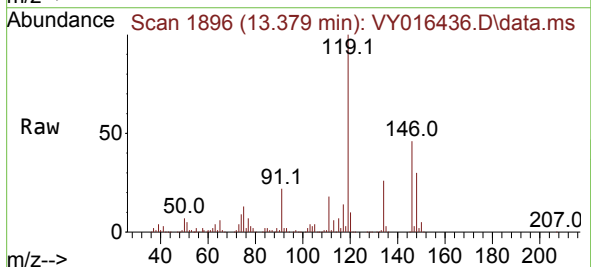
Tgt Ion:119 Resp: 144458

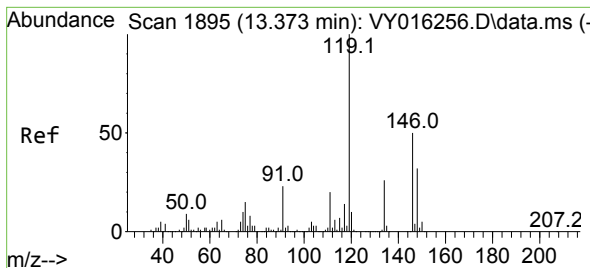
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.734 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

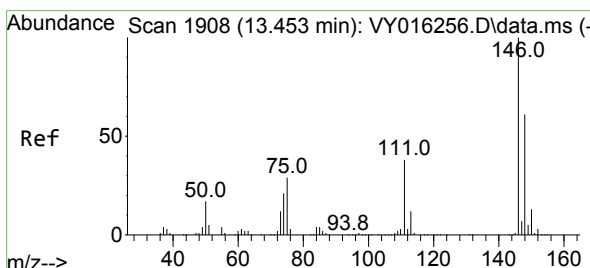
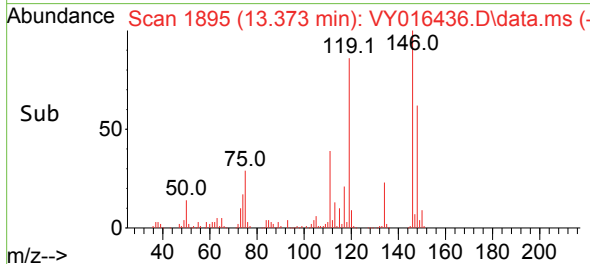
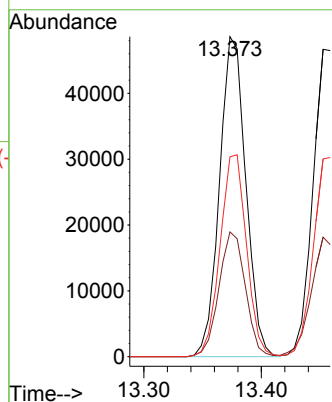
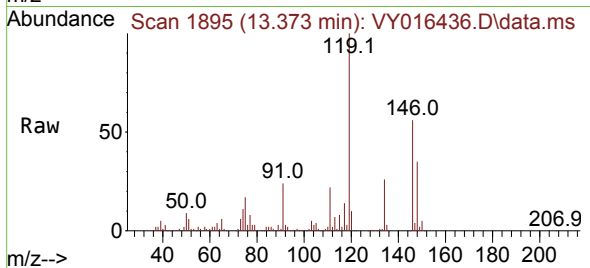
Tgt Ion:146 Resp: 75619

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.960 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

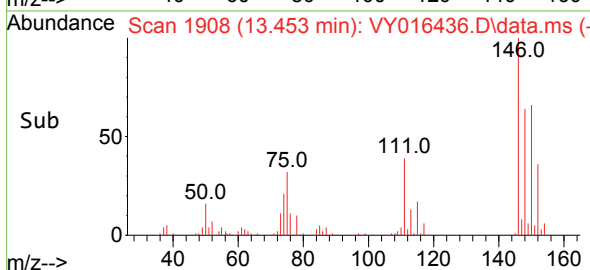
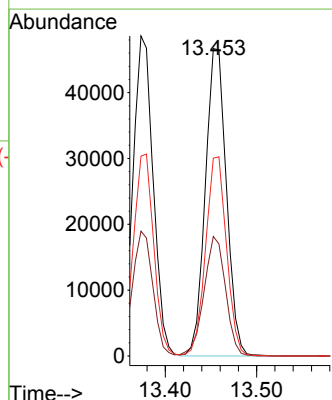
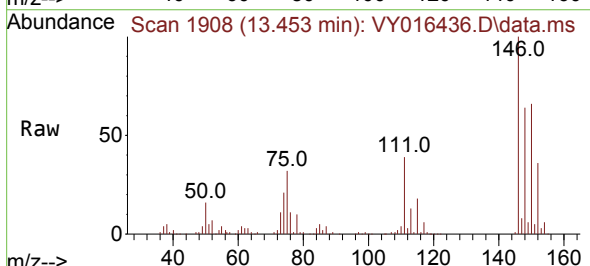
Tgt Ion:146 Resp: 74749

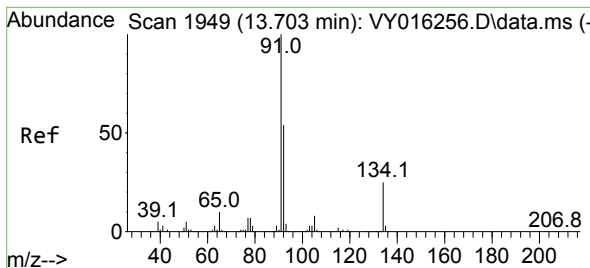
Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 18.065 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

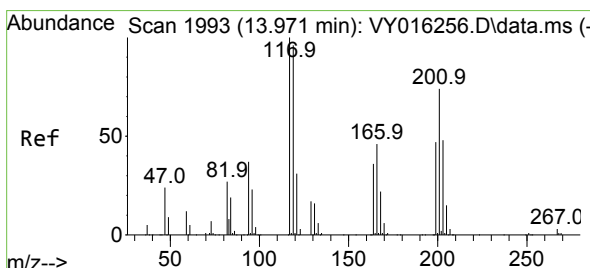
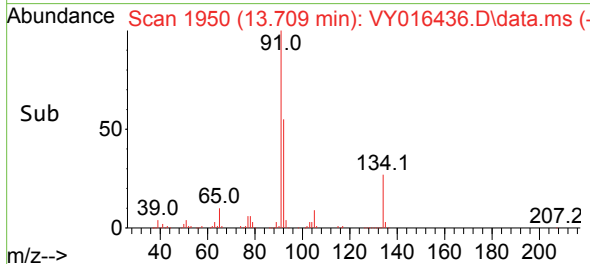
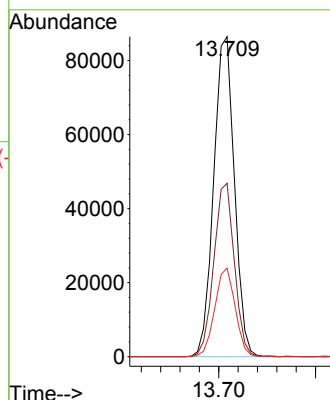
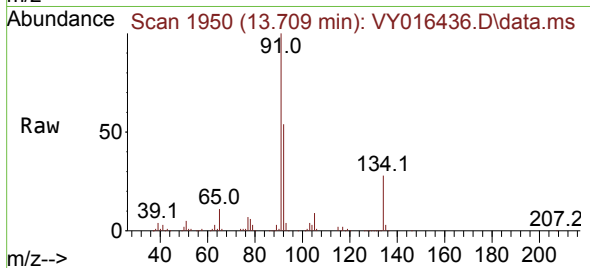
Tgt Ion: 91 Resp: 128436

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 18.820 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016436.D

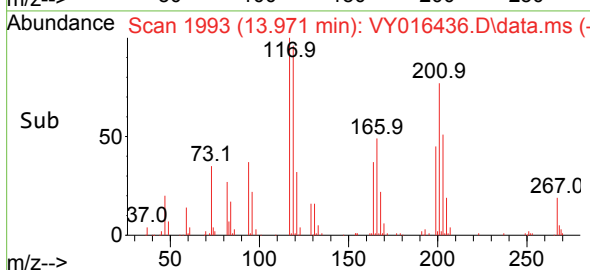
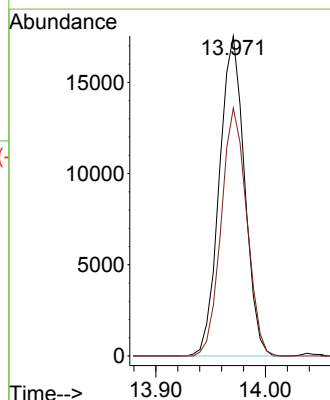
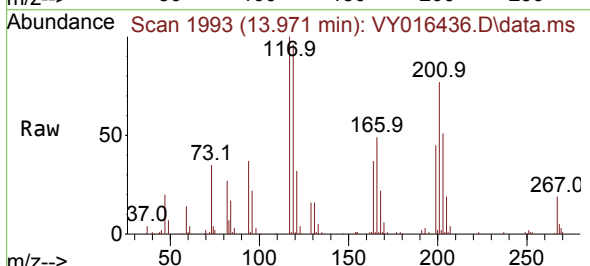
Acq: 21 Nov 2023 14:33

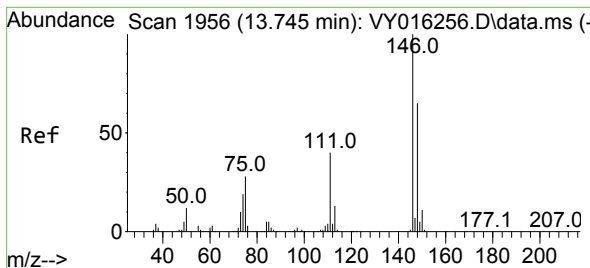
Tgt Ion: 117 Resp: 27950

Ion Ratio Lower Upper

117 100

201 78.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.330 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

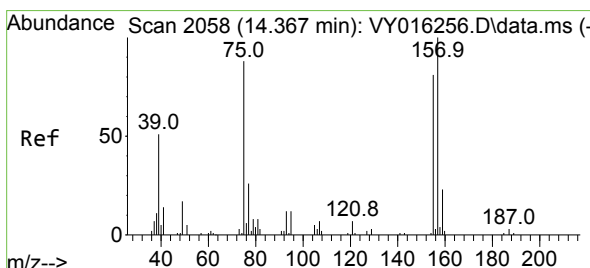
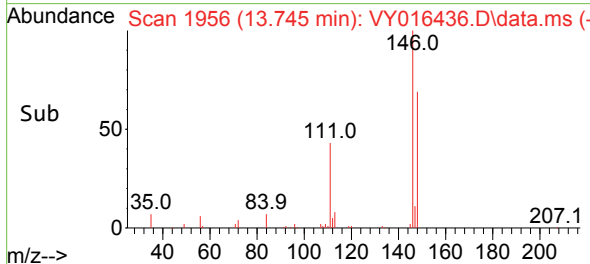
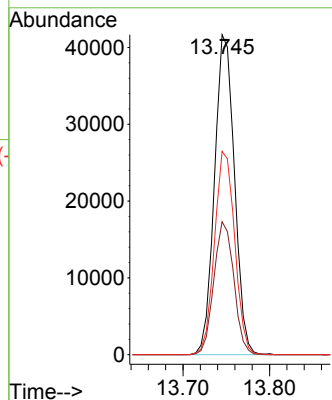
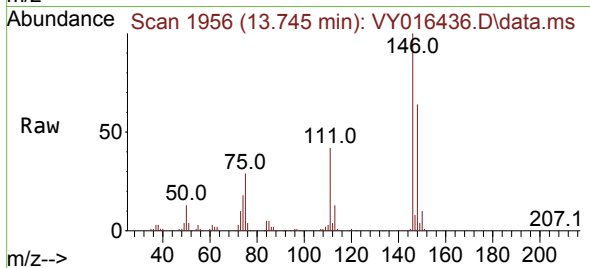
Tgt Ion:146 Resp: 66755

Ion Ratio Lower Upper

146 100

111 41.5 19.7 59.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.068 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

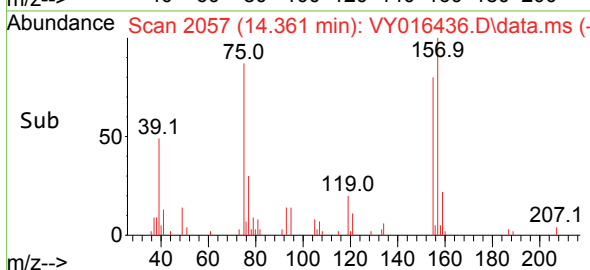
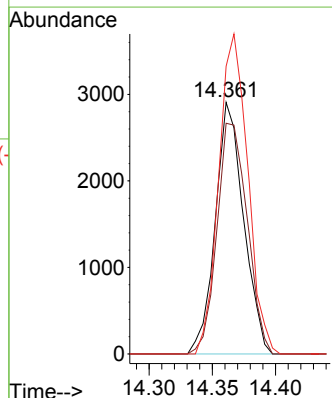
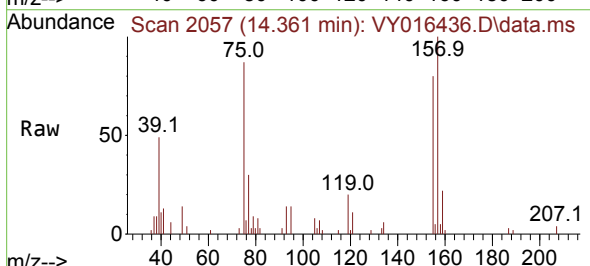
Tgt Ion: 75 Resp: 4515

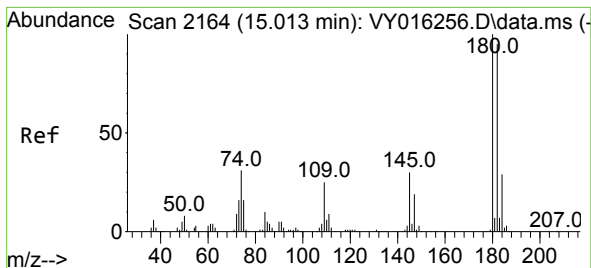
Ion Ratio Lower Upper

75 100

155 98.1 41.5 124.6

157 130.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.558 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

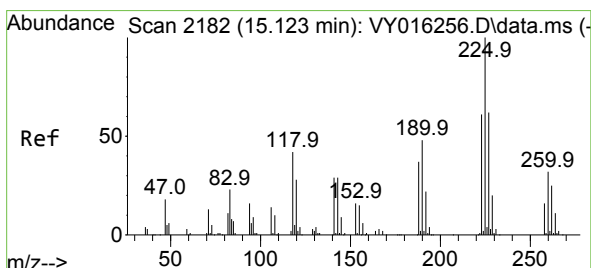
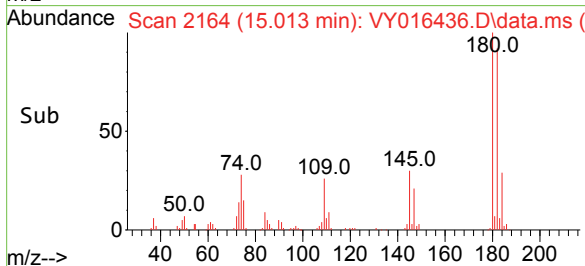
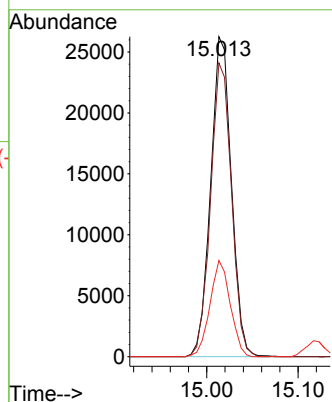
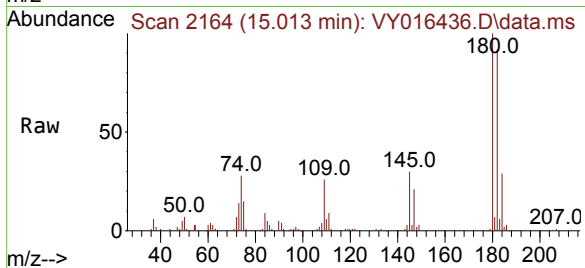
Tgt Ion:180 Resp: 41319

Ion Ratio Lower Upper

180 100

182 92.4 47.0 141.2

145 29.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.610 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

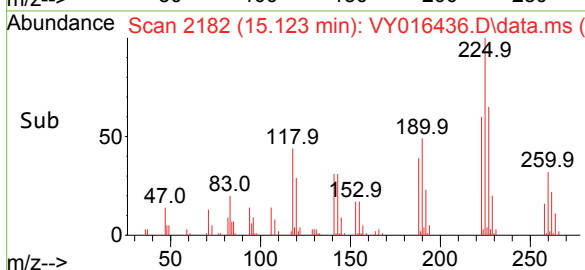
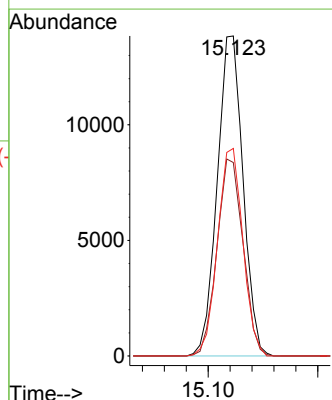
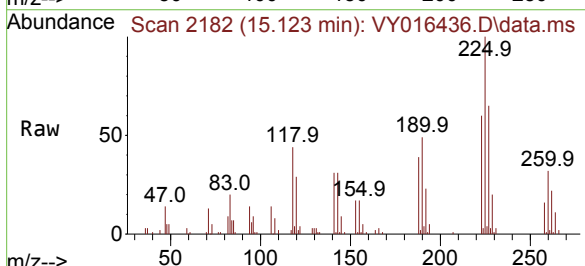
Tgt Ion:225 Resp: 22631

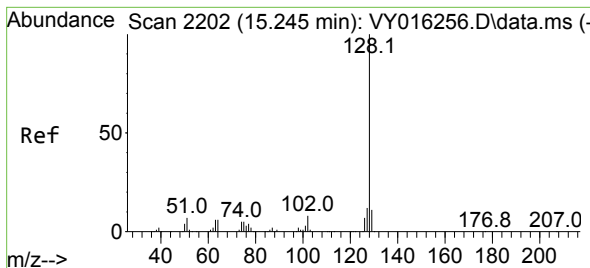
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 22.717 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016436.D

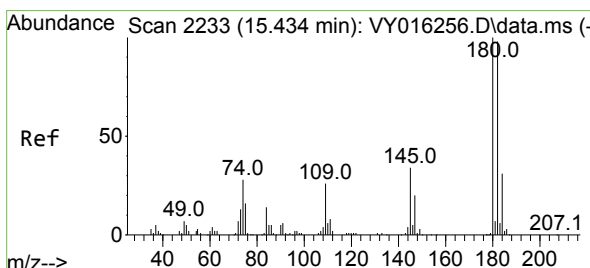
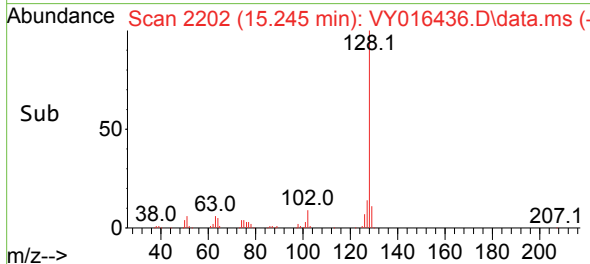
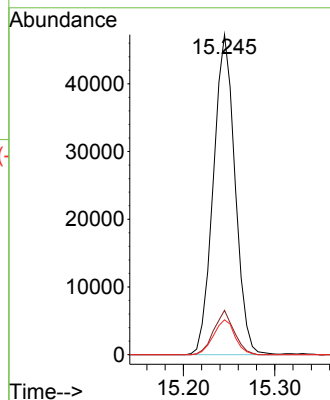
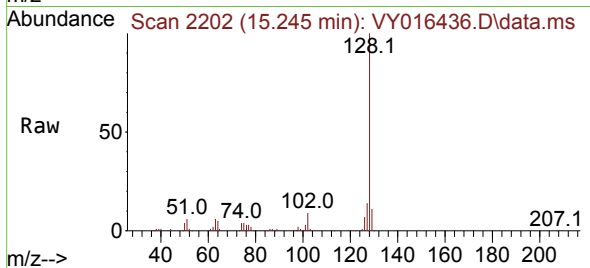
Acq: 21 Nov 2023 14:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	77870
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	10.7	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.663 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016436.D

Acq: 21 Nov 2023 14:33

Tgt Ion:180	Resp:	34341
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.3 141.8
145	32.4	15.4 46.2

