

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016421.D
 Acq On : 20 Nov 2023 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:10:48 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	7.813	168	147603	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	233196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	204106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	95105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	68657	50.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.740	113	74753	56.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.860%	
50) Toluene-d8	10.197	98	277432	51.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.495	95	89610	51.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	69227	47.899	ug/l	96
3) Chloromethane	2.131	50	81919	48.397	ug/l	98
4) Vinyl Chloride	2.272	62	86052	47.278	ug/l	96
5) Bromomethane	2.674	94	56172	46.961	ug/l	98
6) Chloroethane	2.814	64	55411	47.710	ug/l	95
7) Trichlorofluoromethane	3.149	101	136980	51.729	ug/l	98
8) Diethyl Ether	3.552	74	40296	50.915	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.924	101	81392	51.032	ug/l	96
10) Methyl Iodide	4.119	142	89754	52.105	ug/l	97
11) Tert butyl alcohol	4.972	59	23798	225.275	ug/l #	81
12) 1,1-Dichloroethene	3.899	96	75428	50.569	ug/l	88
13) Acrolein	3.753	56	30072	236.006	ug/l	98
14) Allyl chloride	4.509	41	97892	46.248	ug/l #	92
15) Acrylonitrile	5.192	53	82161	261.593	ug/l	97
16) Acetone	3.966	43	66129	296.347	ug/l #	88
17) Carbon Disulfide	4.222	76	214350	47.629	ug/l	100
18) Methyl Acetate	4.503	43	66510	56.092	ug/l #	87
19) Methyl tert-butyl Ether	5.253	73	184549	51.120	ug/l	96
20) Methylene Chloride	4.747	84	117147	76.132	ug/l #	86
21) trans-1,2-Dichloroethene	5.253	96	86783	50.532	ug/l	89
22) Diisopropyl ether	6.143	45	215677	47.281	ug/l #	87
23) Vinyl Acetate	6.088	43	510931	231.157	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	142332	50.577	ug/l	95
25) 2-Butanone	7.008	43	101696	260.190	ug/l	92
26) 2,2-Dichloropropane	7.008	77	133778	52.231	ug/l	95
27) cis-1,2-Dichloroethene	7.008	96	96709	52.253	ug/l	91
28) Bromochloromethane	7.362	49	54647	52.468	ug/l #	78
29) Tetrahydrofuran	7.368	42	62849	243.279	ug/l #	83
30) Chloroform	7.527	83	154839	52.860	ug/l	98
31) Cyclohexane	7.807	56	120536	45.382	ug/l #	85
32) 1,1,1-Trichloroethane	7.728	97	142390	53.029	ug/l	97
36) 1,1-Dichloropropene	7.941	75	114179	49.638	ug/l	98
37) Ethyl Acetate	7.094	43	42838	46.092	ug/l #	92
38) Carbon Tetrachloride	7.923	117	131101	54.916	ug/l	98
39) Methylcyclohexane	9.203	83	141052	49.212	ug/l	92
40) Benzene	8.185	78	333401	51.590	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24173	51.584	ug/l	95
42) 1,2-Dichloroethane	8.258	62	89084	53.201	ug/l	93
43) Isopropyl Acetate	8.289	43	83028	46.216	ug/l #	87
44) Trichloroethene	8.959	130	96968	52.208	ug/l	97
45) 1,2-Dichloropropane	9.234	63	80403	51.805	ug/l	98
46) Dibromomethane	9.325	93	44760	53.219	ug/l	99
47) Bromodichloromethane	9.514	83	117320	54.258	ug/l	99
48) Methyl methacrylate	9.307	41	48481	48.829	ug/l #	84
49) 1,4-Dioxane	9.313	88	9024	1010.636	ug/l #	64
51) 4-Methyl-2-Pentanone	10.087	43	221102	243.382	ug/l	89
52) Toluene	10.258	92	213168	52.181	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	111725	53.300	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	133450	53.303	ug/l #	86
55) 1,1,2-Trichloroethane	10.660	97	62939	54.294	ug/l	94
56) Ethyl methacrylate	10.526	69	57583	52.622	ug/l #	80
57) 1,3-Dichloropropane	10.807	76	104563	52.916	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	194884	262.649	ug/l	91
59) 2-Hexanone	10.849	43	167356	247.666	ug/l	85
60) Dibromochloromethane	11.002	129	81295	56.074	ug/l	99
61) 1,2-Dibromoethane	11.105	107	60592	54.864	ug/l	98
64) Tetrachloroethene	10.733	164	94941	51.805	ug/l	98
65) Chlorobenzene	11.532	112	229887	52.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	87541	54.428	ug/l	98
67) Ethyl Benzene	11.605	91	412620	52.650	ug/l	100
68) m/p-Xylenes	11.715	106	315589	106.169	ug/l	94
69) o-Xylene	12.044	106	147366	53.396	ug/l	97
70) Styrene	12.056	104	215756	54.596	ug/l	97
71) Bromoform	12.221	173	46833	56.116	ug/l #	98
73) Isopropylbenzene	12.343	105	401792	52.171	ug/l	99
74) N-amyl acetate	12.154	43	68618	44.357	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	64461	52.161	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	83787	91.838	ug/l #	100
77) Bromobenzene	12.623	156	92242	52.994	ug/l	92
78) n-propylbenzene	12.684	91	468666	51.494	ug/l	98
79) 2-Chlorotoluene	12.770	91	257764	51.391	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	323671	52.127	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	22247	52.929	ug/l	90
82) 4-Chlorotoluene	12.867	91	266235	51.368	ug/l	98
83) tert-Butylbenzene	13.087	119	288487	52.748	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	321079	52.516	ug/l	97
85) sec-Butylbenzene	13.263	105	408690	52.306	ug/l	99
86) p-Isopropyltoluene	13.379	119	353128	52.487	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	177029	52.865	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	171177	52.305	ug/l	100
89) n-Butylbenzene	13.708	91	318185	51.210	ug/l	96
90) Hexachloroethane	13.971	117	66201	51.008	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	149690	52.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9098	46.273	ug/l	87
93) 1,2,4-Trichlorobenzene	15.019	180	86213	51.472	ug/l	99
94) Hexachlorobutadiene	15.123	225	51231	53.388	ug/l	98
95) Naphthalene	15.245	128	153976	51.399	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	70602	50.962	ug/l	98

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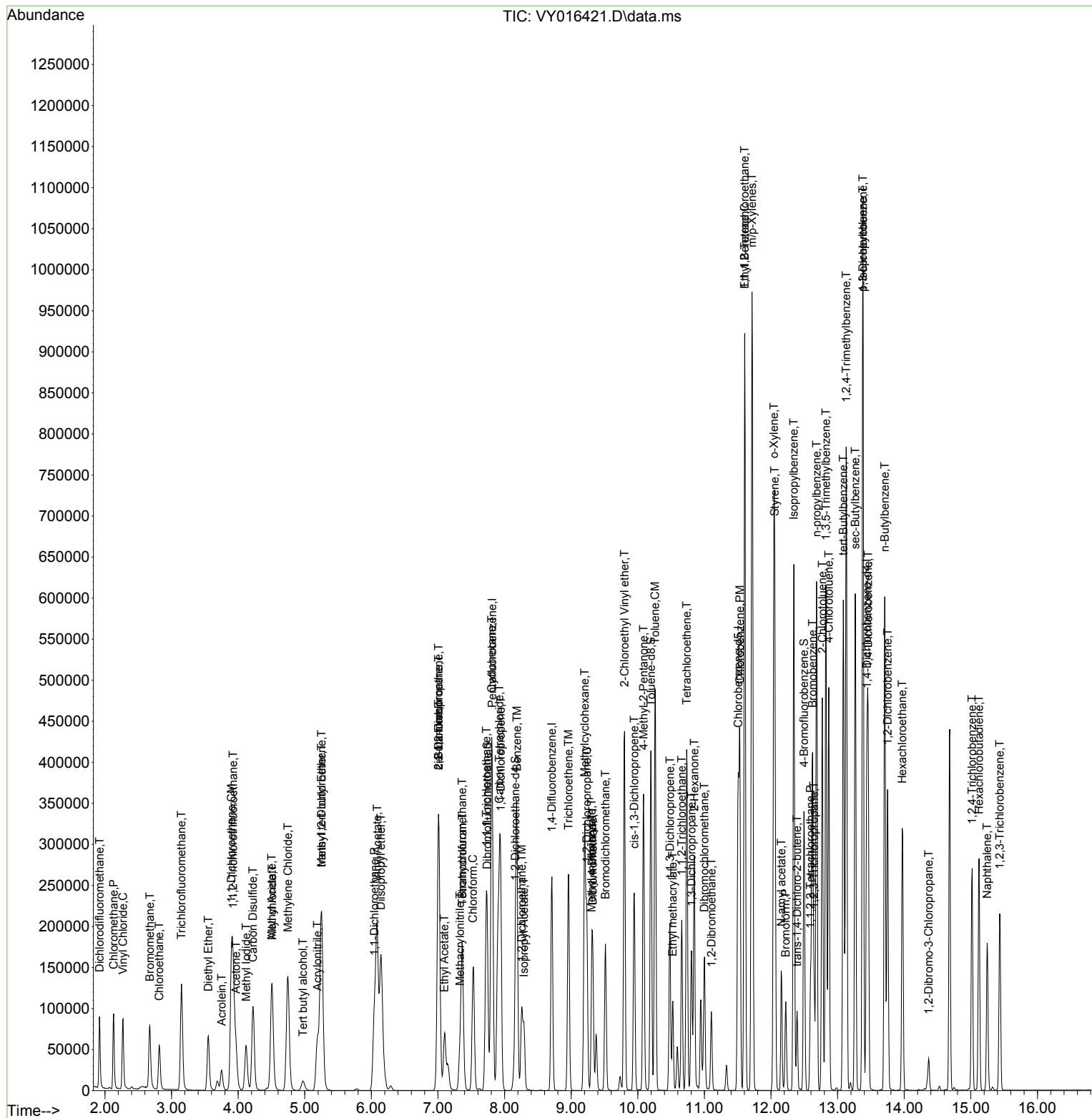
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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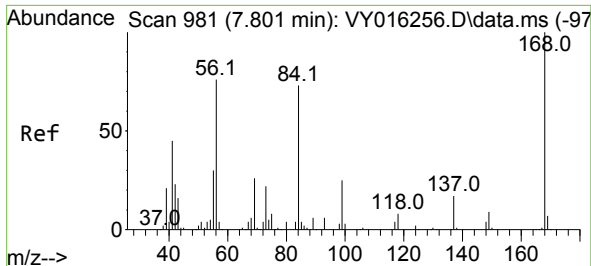
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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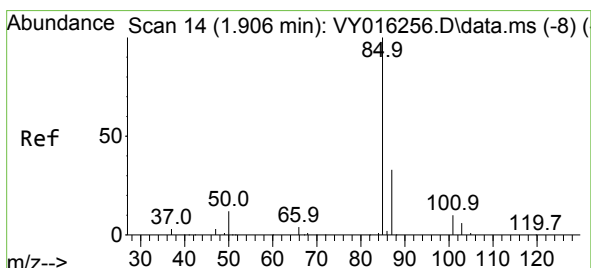
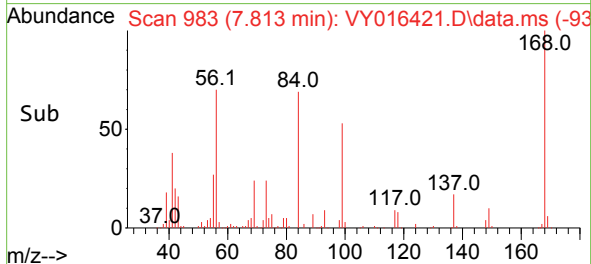
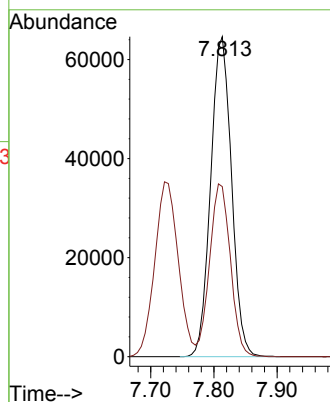
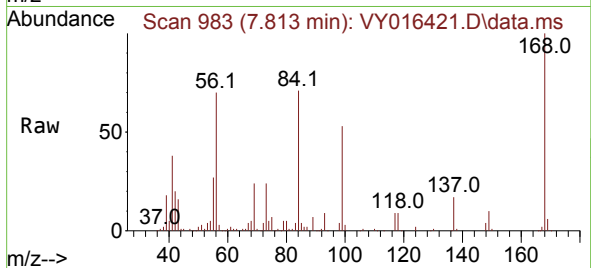




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016421.D
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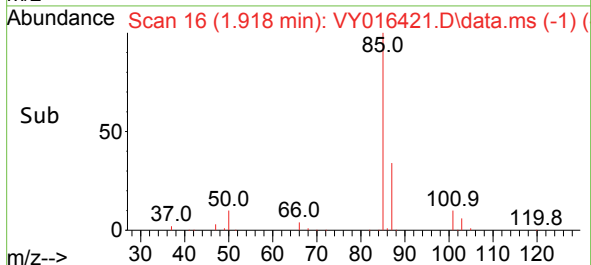
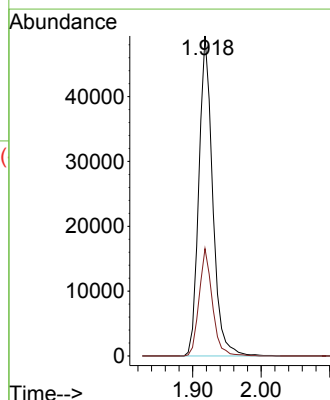
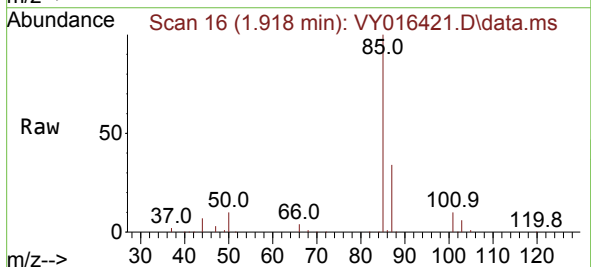
Instrument :
MSVOA_Y
ClientSampleId :

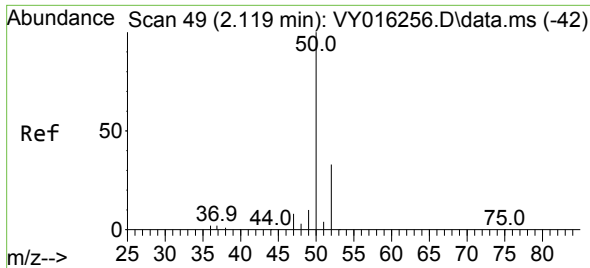
Tgt Ion:168 Resp: 147603
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.899 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 85 Resp: 69227
Ion Ratio Lower Upper
85 100
87 33.5 15.6 46.8

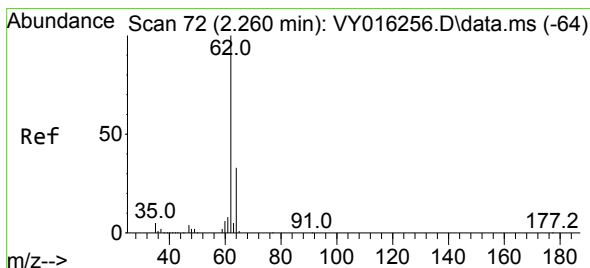
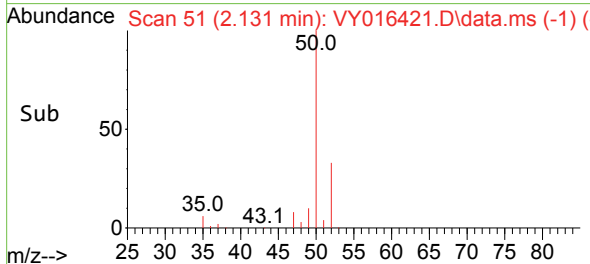
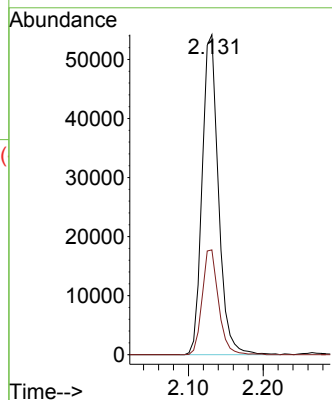
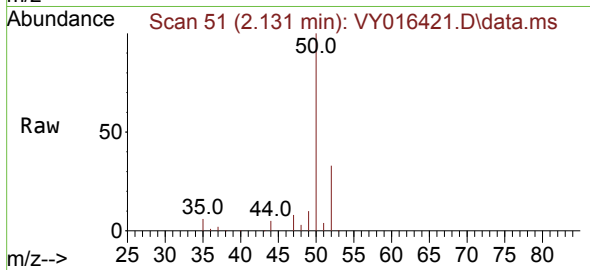




#3
Chloromethane
Concen: 48.397 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

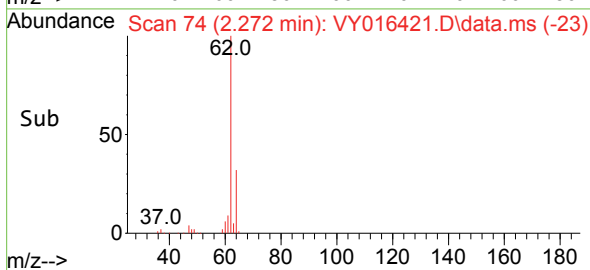
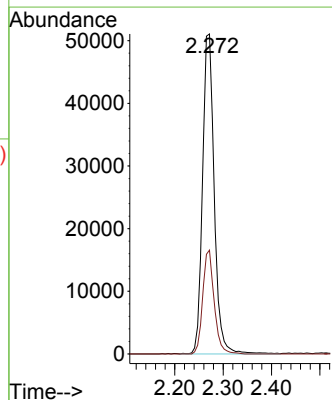
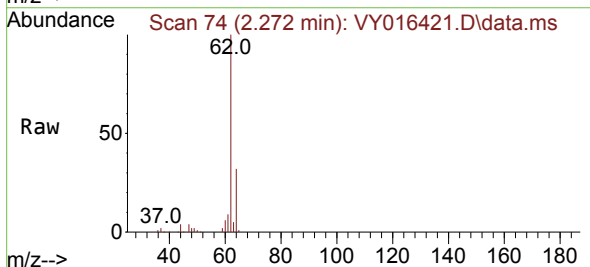
Instrument :
MSVOA_Y
ClientSampleId :

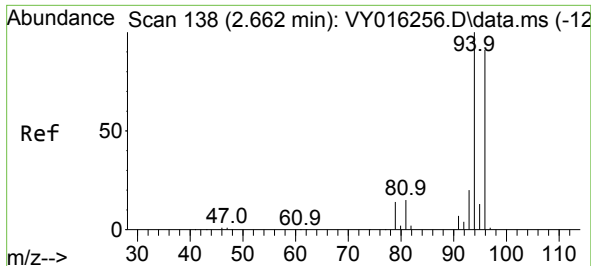
Tgt Ion: 50 Resp: 81919
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 47.278 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 62 Resp: 86052
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5

Bromomethane

Concen: 46.961 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

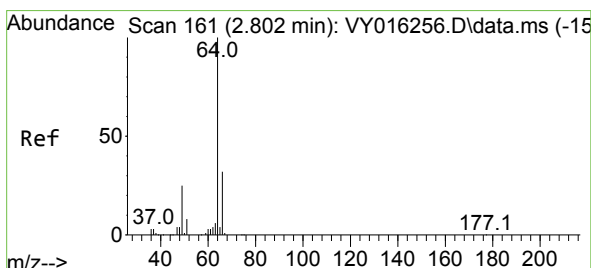
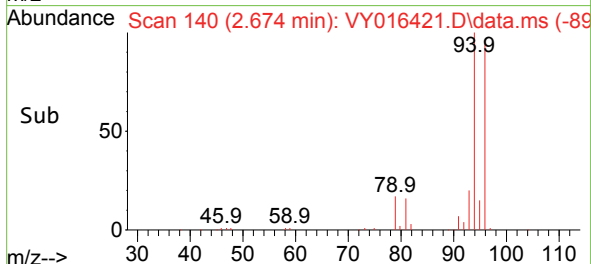
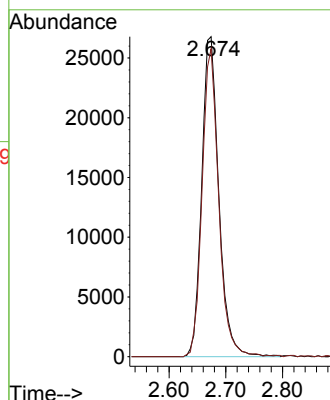
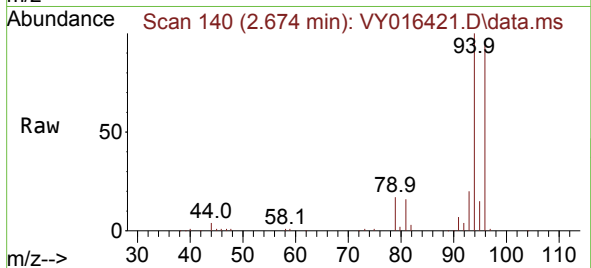
ClientSampleId :

Tgt Ion: 94 Resp: 56172

Ion Ratio Lower Upper

94 100

96 96.2 75.8 113.6



#6

Chloroethane

Concen: 47.710 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016421.D

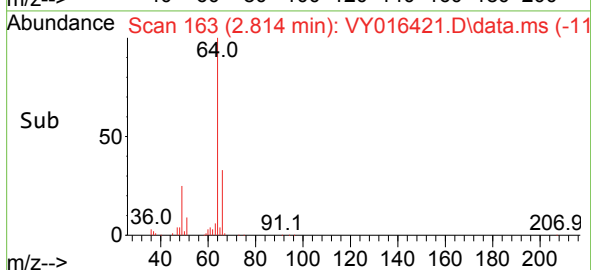
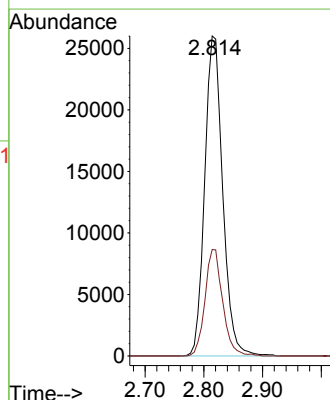
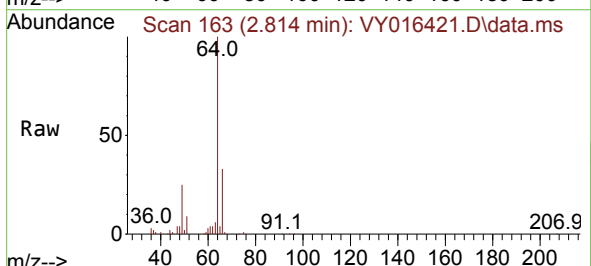
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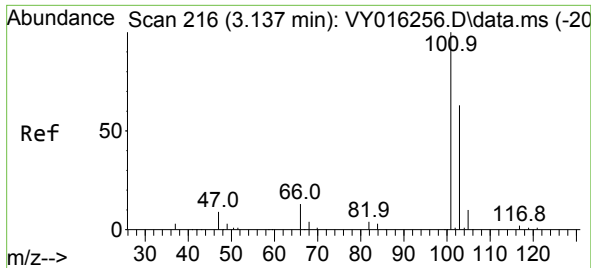
Tgt Ion: 64 Resp: 55411

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6

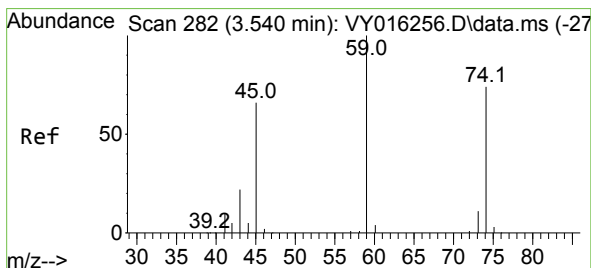
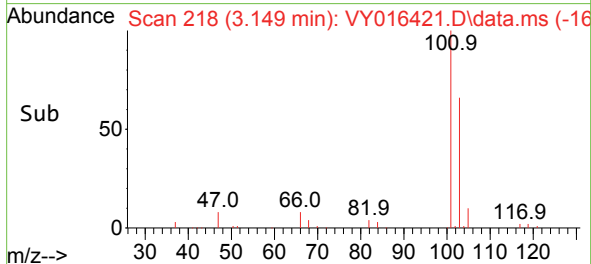
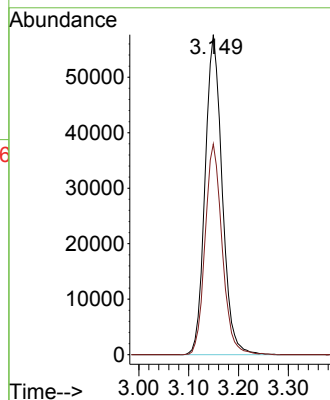
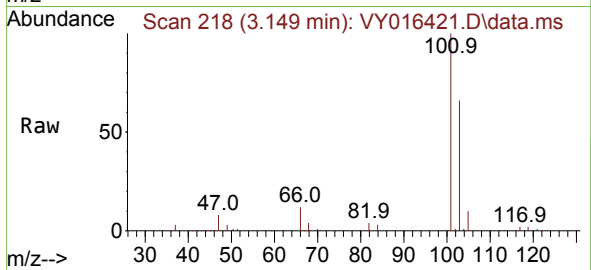




#7
Trichlorofluoromethane
Concen: 51.729 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

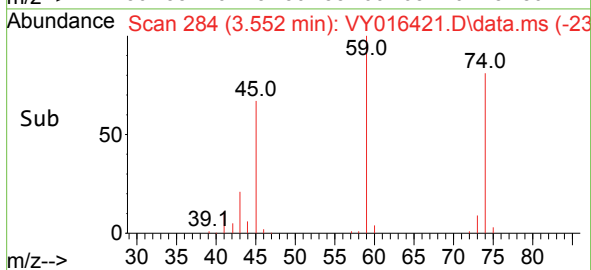
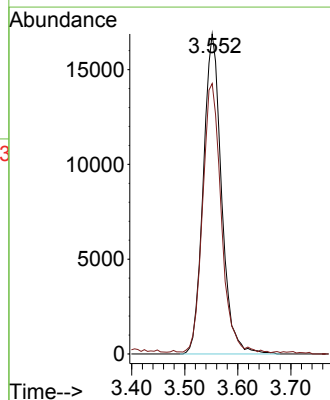
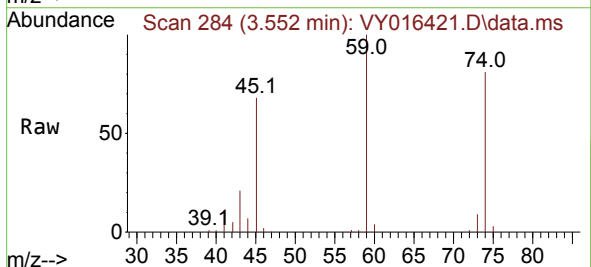
Instrument :
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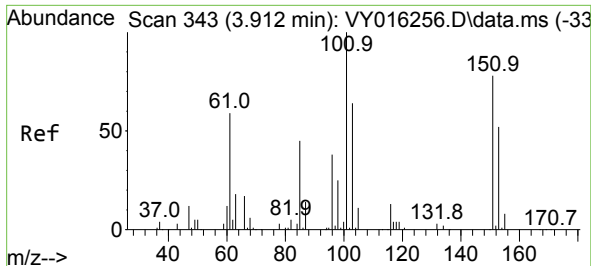
Tgt Ion:101 Resp: 136980
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0



#8
Diethyl Ether
Concen: 50.915 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 74 Resp: 40296
Ion Ratio Lower Upper
74 100
45 86.1 51.5 154.5

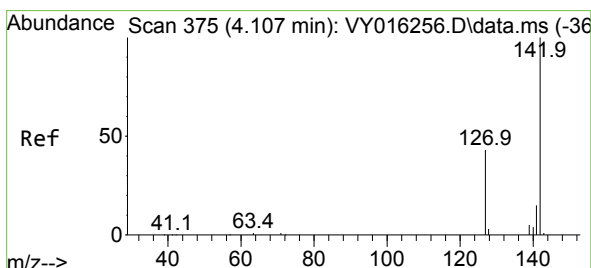
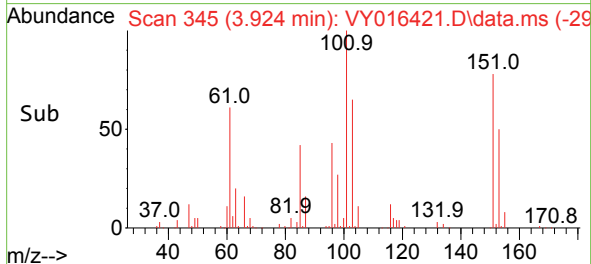
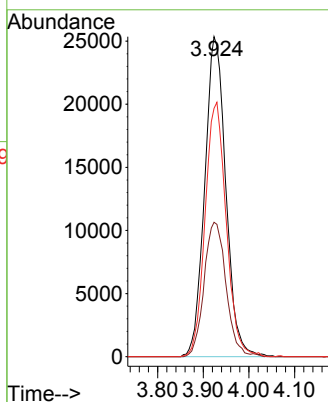
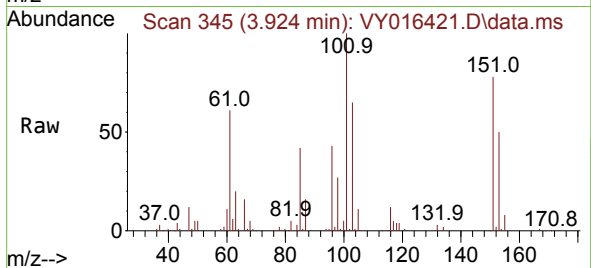




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.032 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

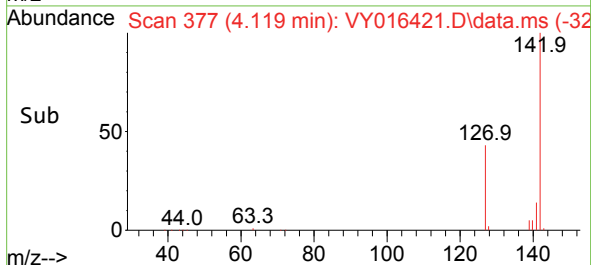
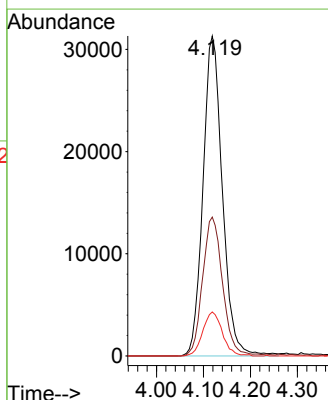
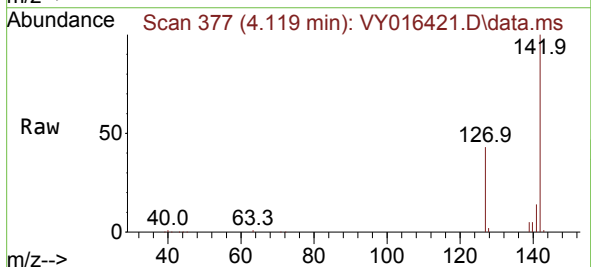
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 81392
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 79.6 67.0 100.6



#10
Methyl Iodide
Concen: 52.105 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

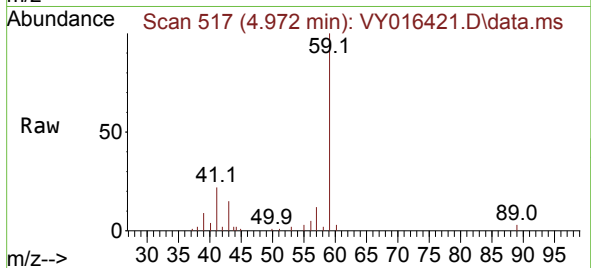
Tgt Ion:142 Resp: 89754
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.9 11.8 17.8



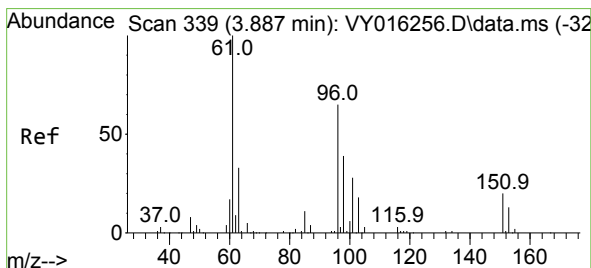
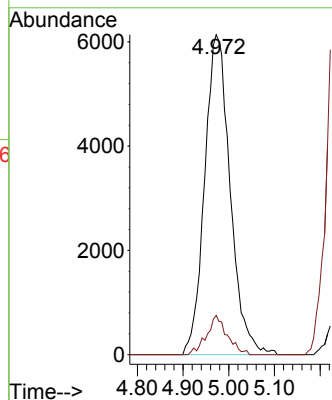
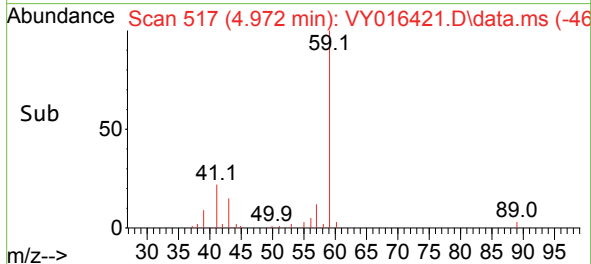


#11
Tert butyl alcohol
Concen: 225.275 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

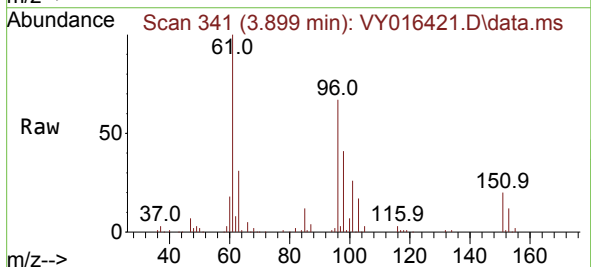
Instrument :
MSVOA_Y
ClientSampleId :



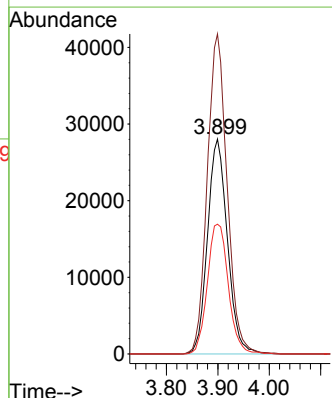
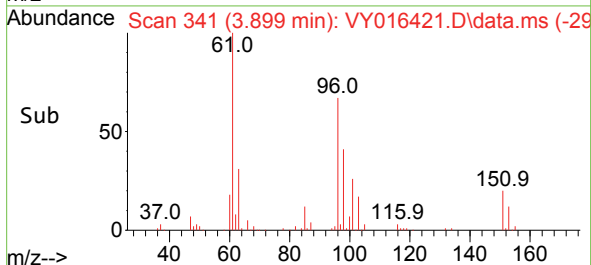
Tgt Ion: 59 Resp: 23798
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#

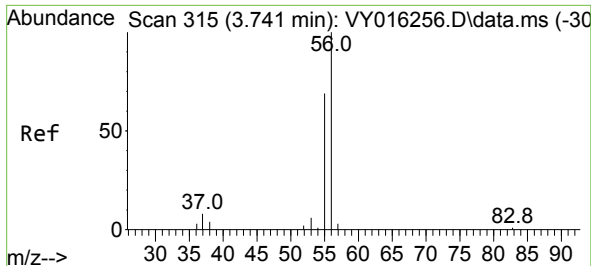


#12
1,1-Dichloroethene
Concen: 50.569 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17



Tgt Ion: 96 Resp: 75428
Ion Ratio Lower Upper
96 100
61 148.9 136.4 204.6
98 60.4 49.4 74.2





#13

Acrolein

Concen: 236.006 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

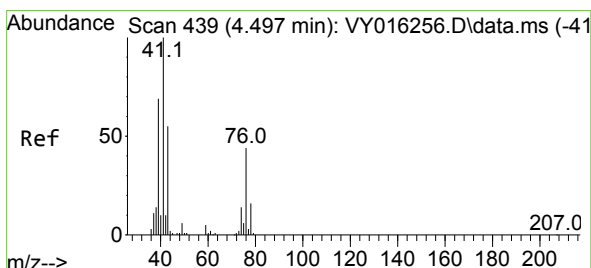
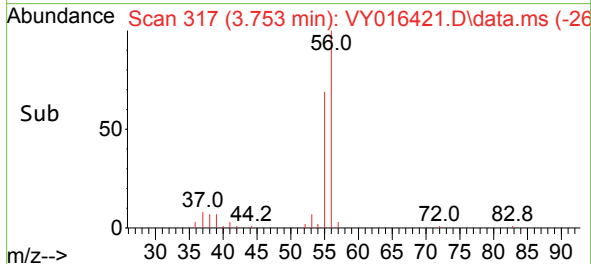
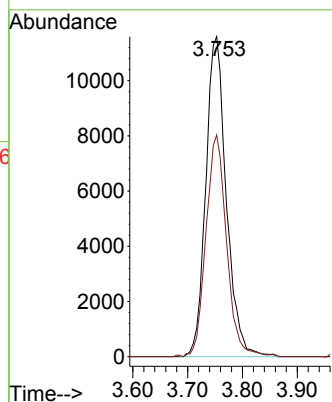
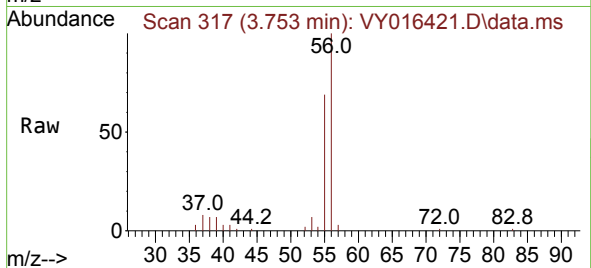
ClientSampleId :

Tgt Ion: 56 Resp: 30072

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 46.248 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

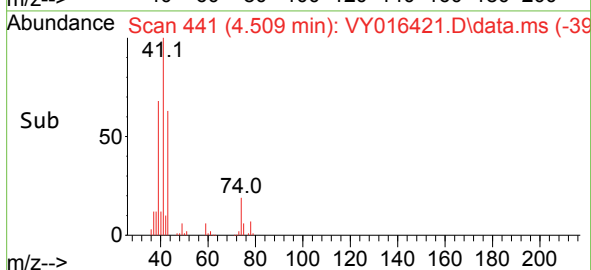
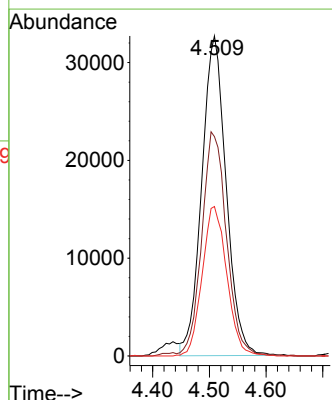
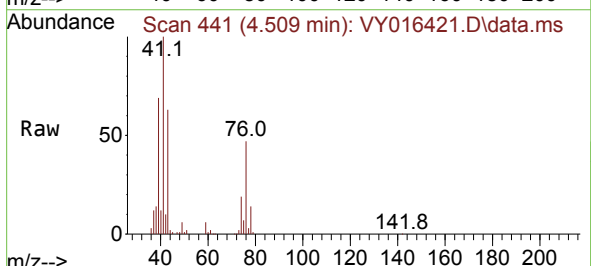
Tgt Ion: 41 Resp: 97892

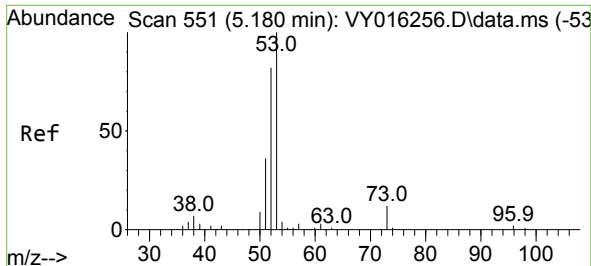
Ion Ratio Lower Upper

41 100

39 71.7 58.0 87.0

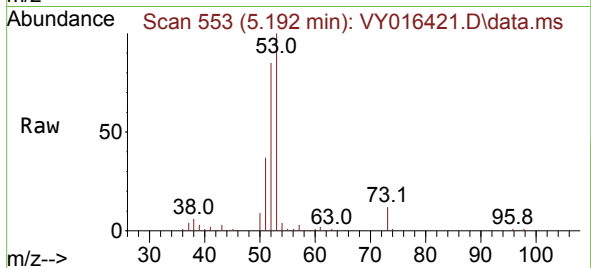
76 47.1 27.4 41.2#



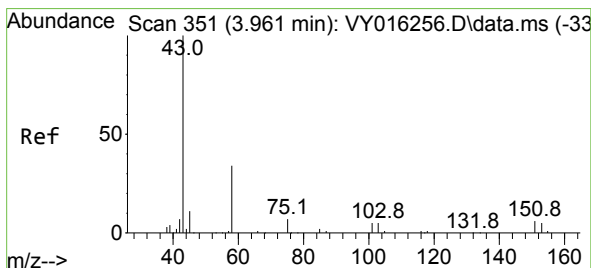
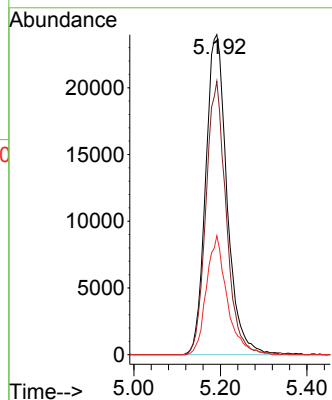
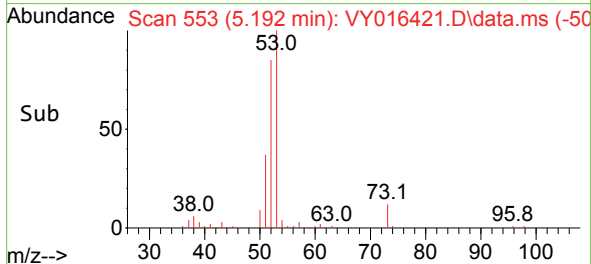


#15
Acrylonitrile
Concen: 261.593 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

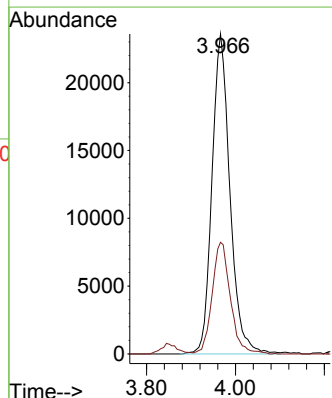
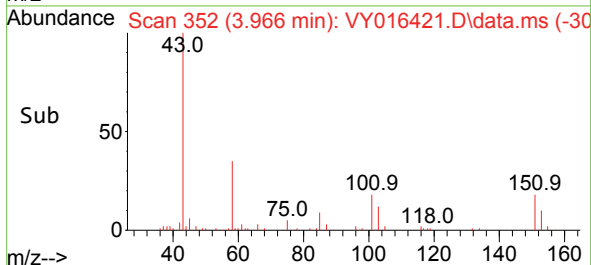
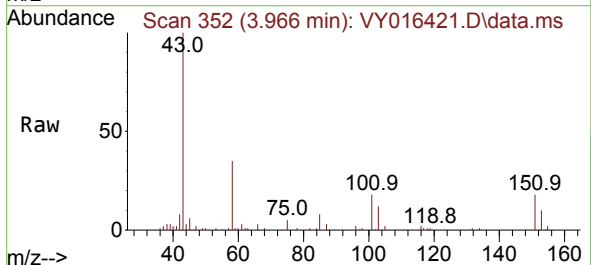


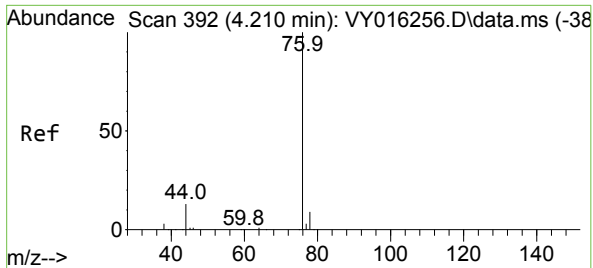
Tgt Ion: 53 Resp: 82161
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 296.347 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 43 Resp: 66129
Ion Ratio Lower Upper
43 100
58 34.9 22.7 34.1#





#17

Carbon Disulfide

Concen: 47.629 ug/l

RT: 4.222 min Scan# 394

Delta R.T. 0.012 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

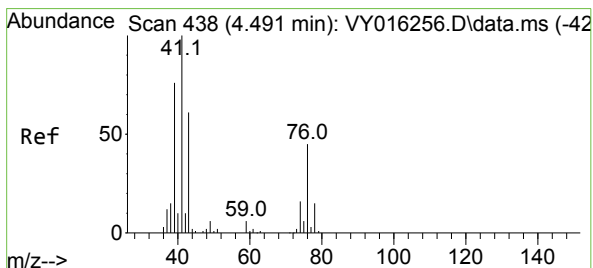
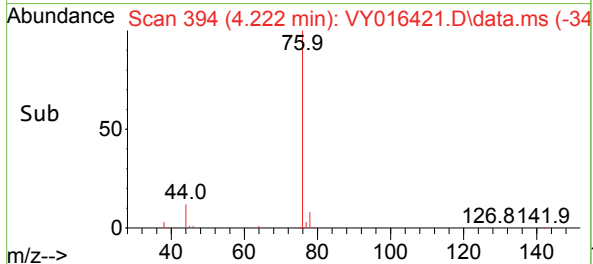
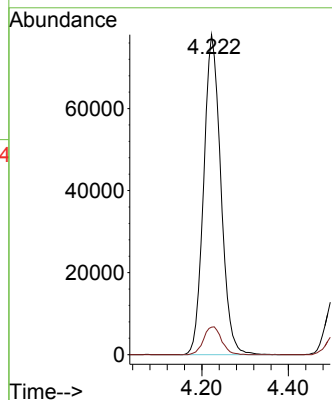
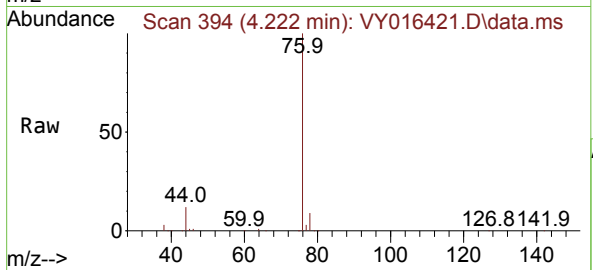
ClientSampleId :

Tgt Ion: 76 Resp: 214350

Ion Ratio Lower Upper

76 100

78 8.6 7.0 10.4



#18

Methyl Acetate

Concen: 56.092 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016421.D

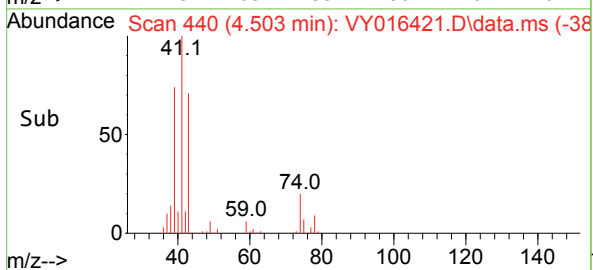
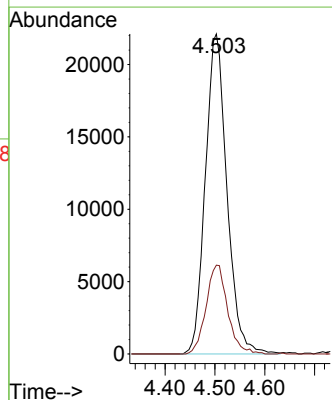
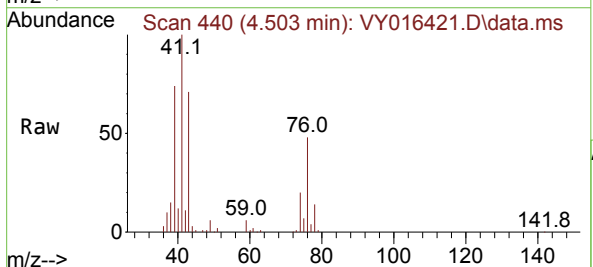
Acq: 20 Nov 2023 10:17

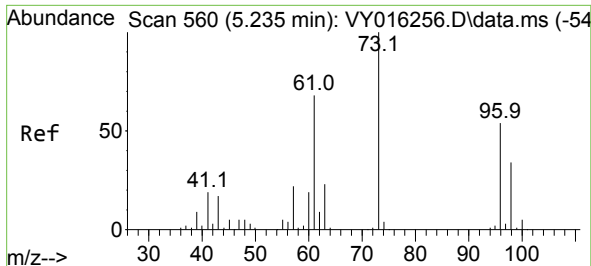
Tgt Ion: 43 Resp: 66510

Ion Ratio Lower Upper

43 100

74 27.7 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 51.120 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

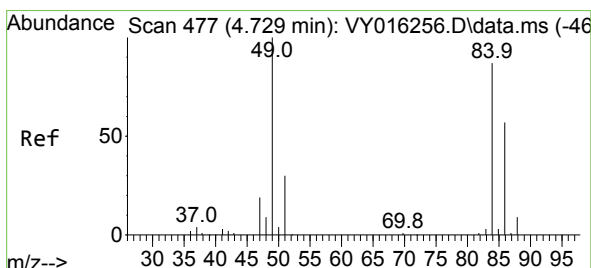
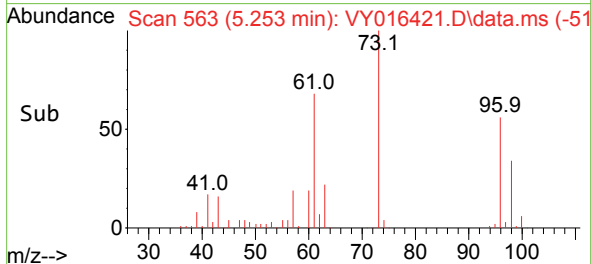
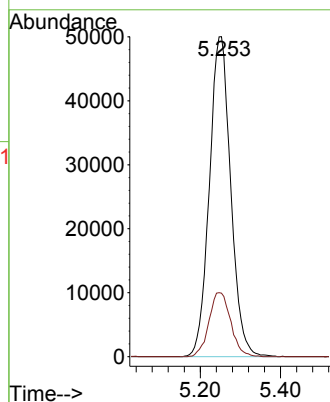
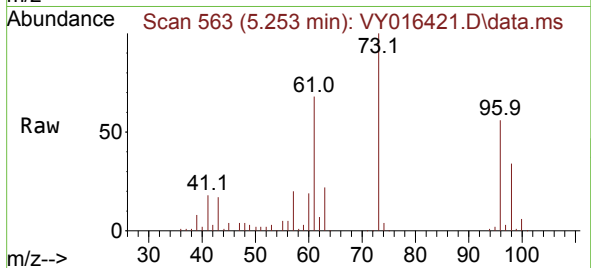
ClientSampleId :

Tgt Ion: 73 Resp: 184549

Ion Ratio Lower Upper

73 100

57 19.8 17.3 25.9



#20

Methylene Chloride

Concen: 76.132 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.018 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Tgt Ion: 84 Resp: 117147

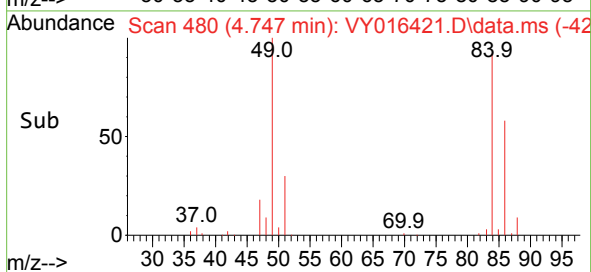
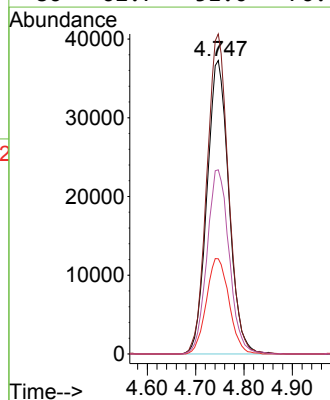
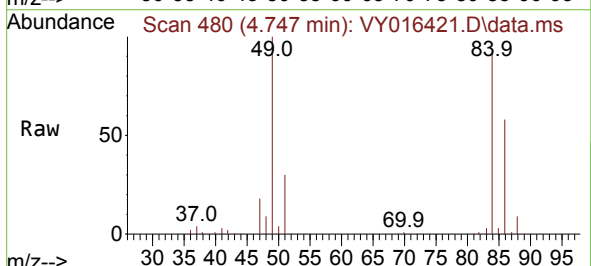
Ion Ratio Lower Upper

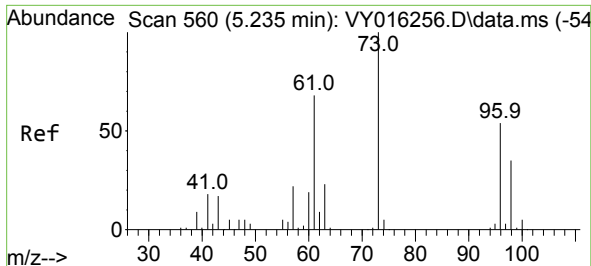
84 100

49 109.0 106.9 160.3

51 32.4 33.2 49.8#

86 62.7 51.0 76.6

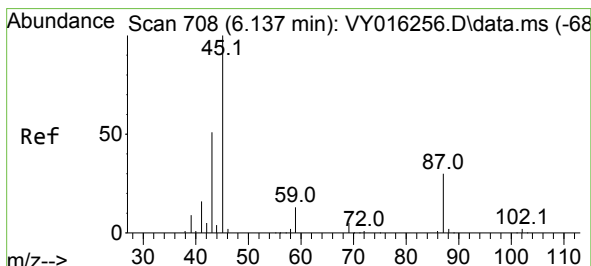
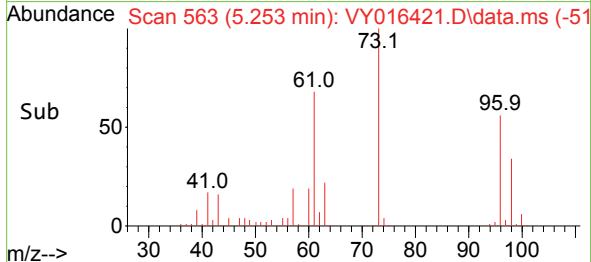
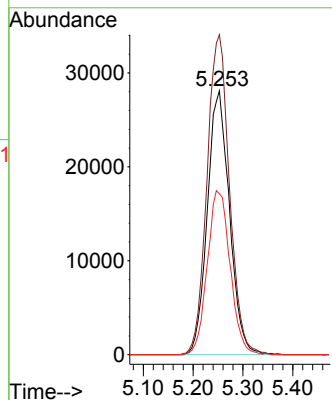
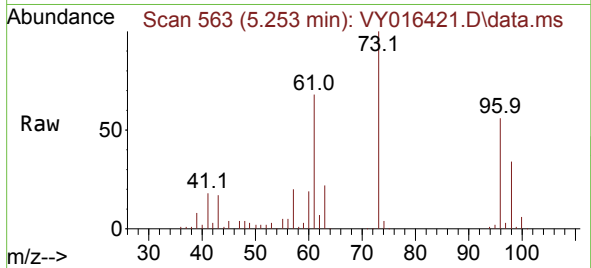




#21
trans-1,2-Dichloroethene
Concen: 50.532 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

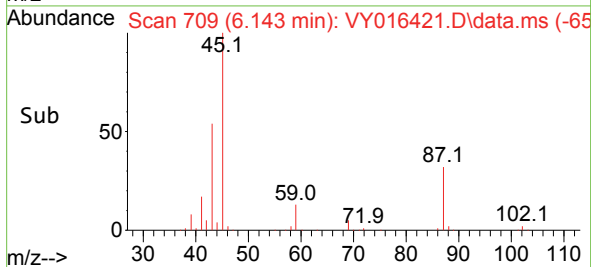
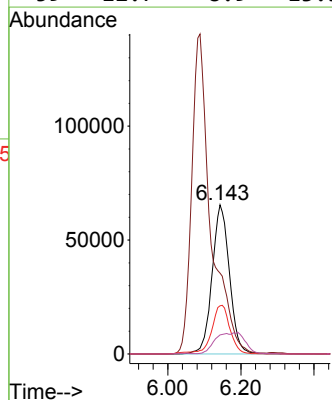
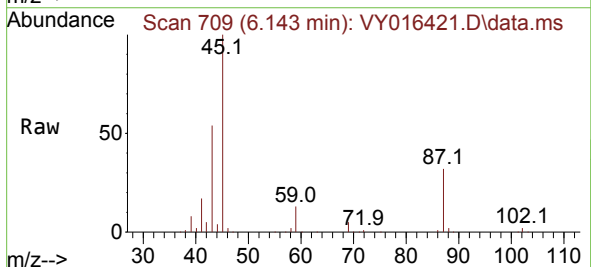
Instrument :
MSVOA_Y
ClientSampleId :

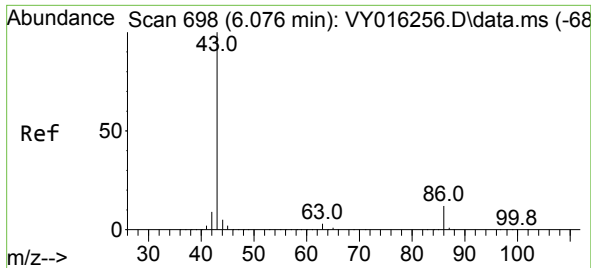
Tgt Ion: 96 Resp: 86783
Ion Ratio Lower Upper
96 100
61 121.3 110.2 165.4
98 61.0 51.8 77.6



#22
Diisopropyl ether
Concen: 47.281 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 45 Resp: 215677
Ion Ratio Lower Upper
45 100
43 53.4 52.2 78.4
87 32.2 21.0 31.6#
59 12.7 8.9 13.3

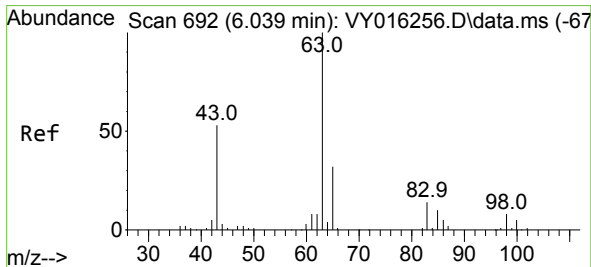
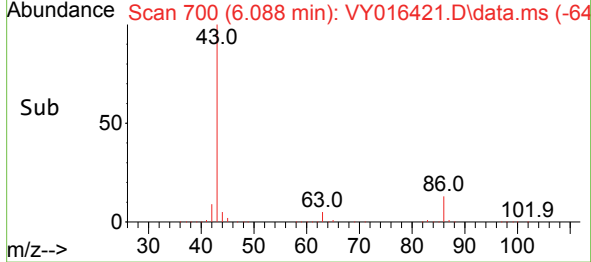
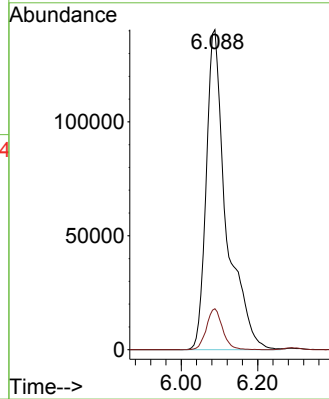
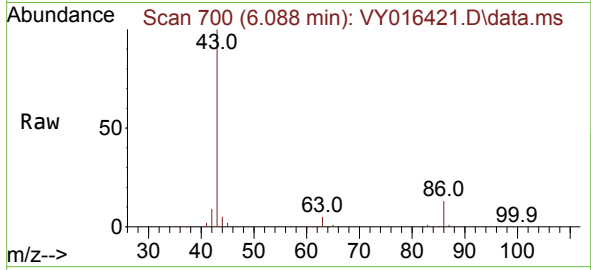




#23
 Vinyl Acetate
 Concen: 231.157 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016421.D
 Acq: 20 Nov 2023 10:17

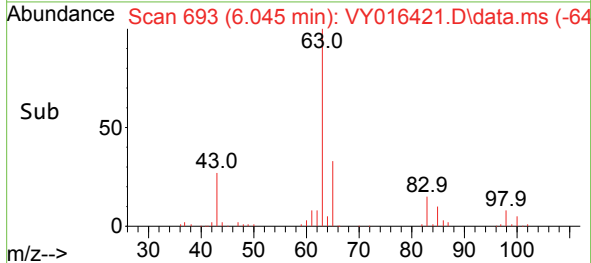
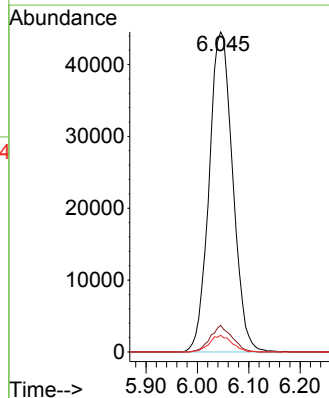
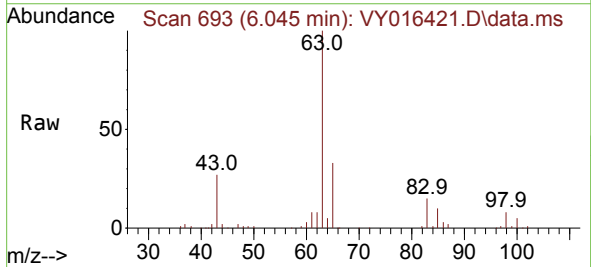
Instrument :
 MSVOA_Y
 ClientSampleId :

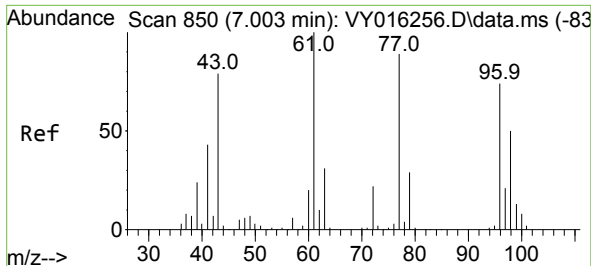
Tgt Ion: 43 Resp: 510931
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.577 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY016421.D
 Acq: 20 Nov 2023 10:17

Tgt Ion: 63 Resp: 142332
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 5.2 1.8 5.5

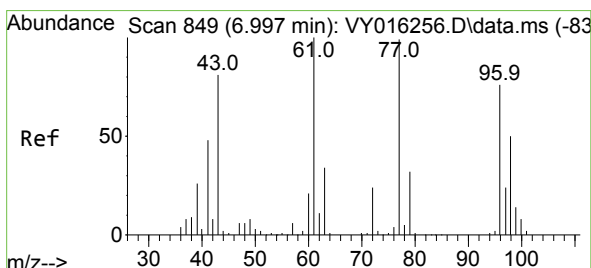
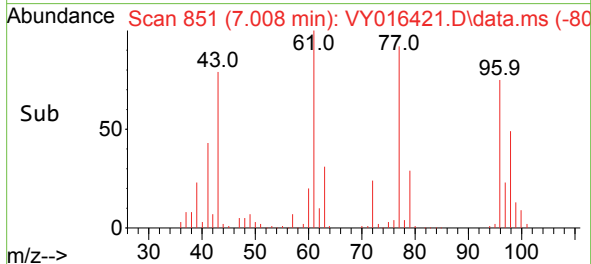
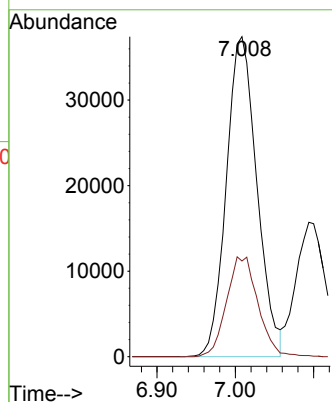
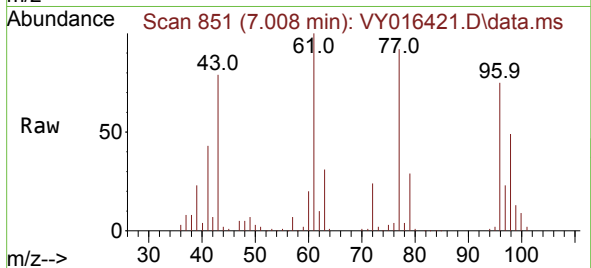




#25
2-Butanone
Concen: 260.190 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

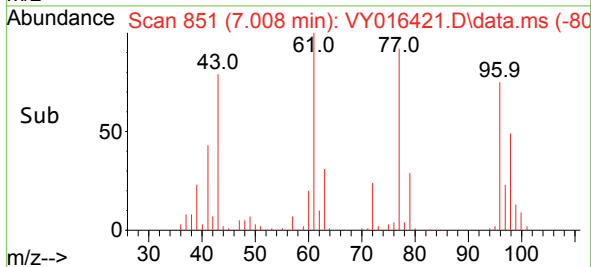
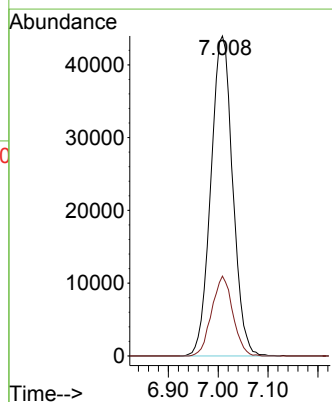
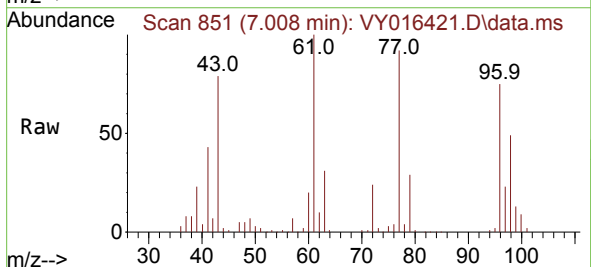
Instrument :
MSVOA_Y
ClientSampleId :

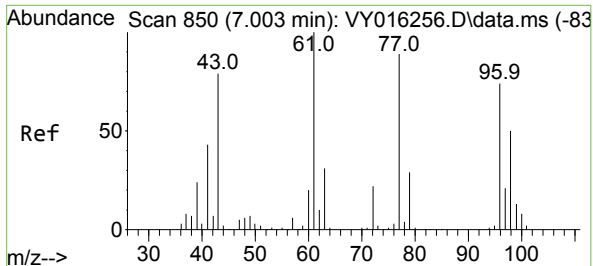
Tgt Ion: 43 Resp: 101696
Ion Ratio Lower Upper
43 100
72 29.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.231 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 77 Resp: 133778
Ion Ratio Lower Upper
77 100
97 24.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.253 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

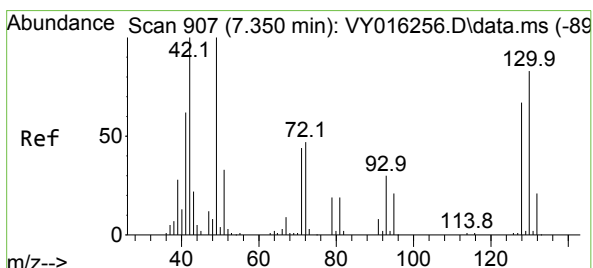
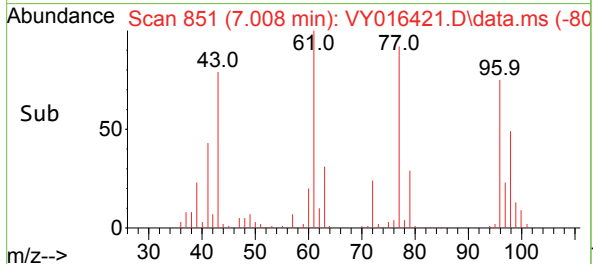
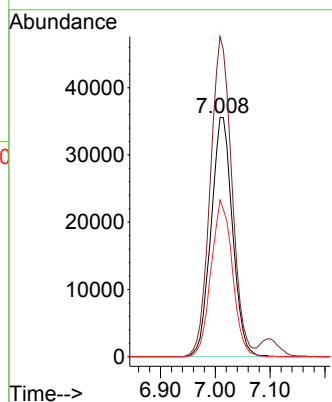
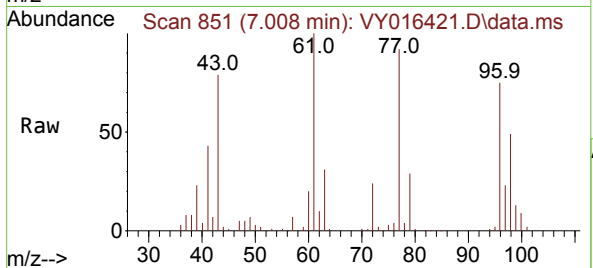
Tgt Ion: 96 Resp: 96709

Ion Ratio Lower Upper

96 100

61 134.4 0.0 301.4

98 64.8 0.0 130.4



#28

Bromochloromethane

Concen: 52.468 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

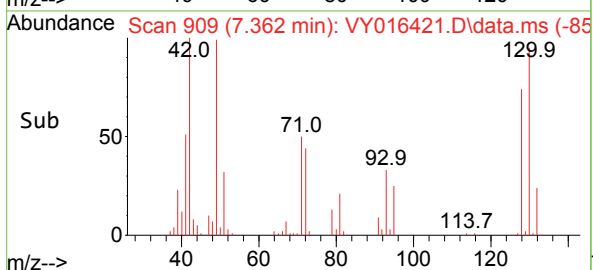
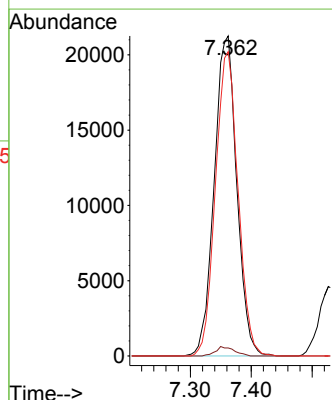
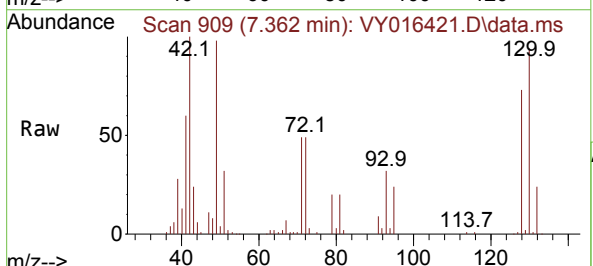
Tgt Ion: 49 Resp: 54647

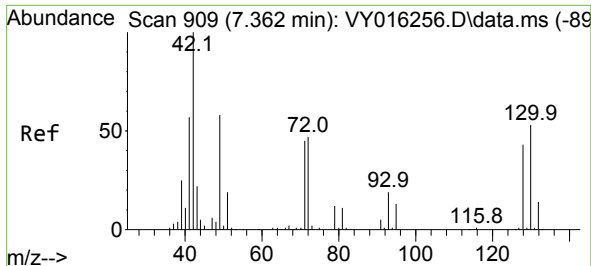
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 95.0 60.7 91.1#





#29

Tetrahydrofuran

Concen: 243.279 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

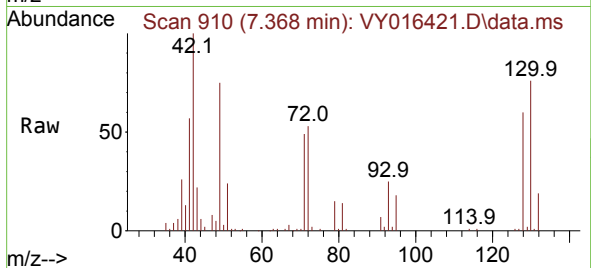
Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :



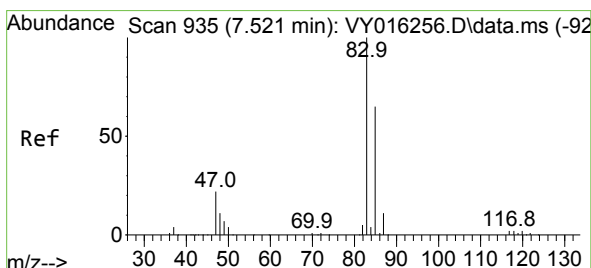
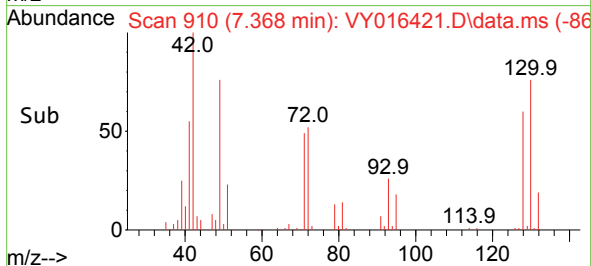
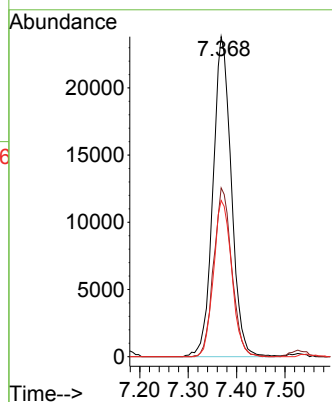
Tgt Ion: 42 Resp: 62849

Ion Ratio Lower Upper

42 100

72 51.8 32.8 49.2#

71 48.4 31.0 46.4#



#30

Chloroform

Concen: 52.860 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016421.D

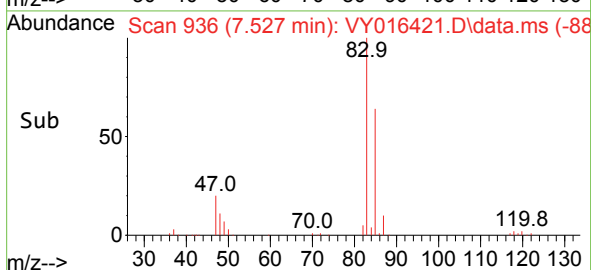
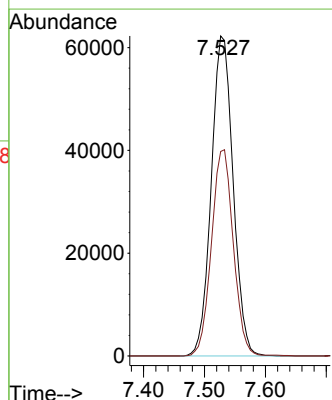
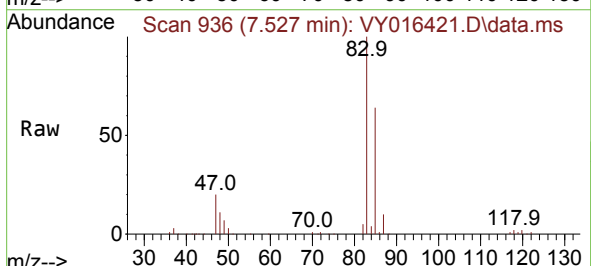
Acq: 20 Nov 2023 10:17

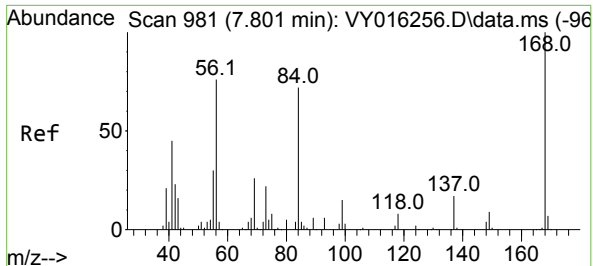
Tgt Ion: 83 Resp: 154839

Ion Ratio Lower Upper

83 100

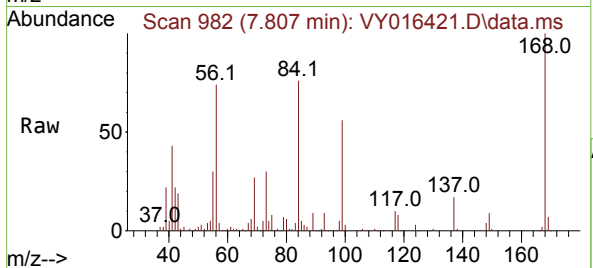
85 63.9 49.7 74.5



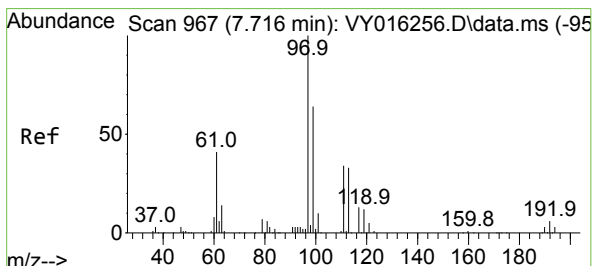
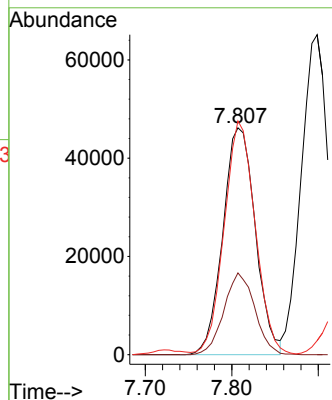
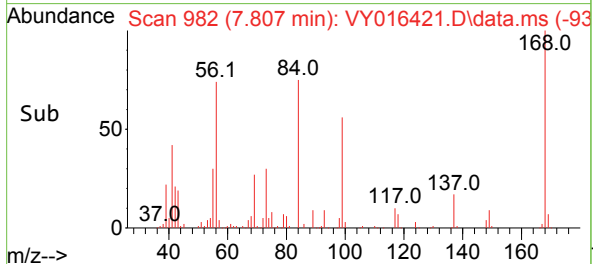


#31
Cyclohexane
Concen: 45.382 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

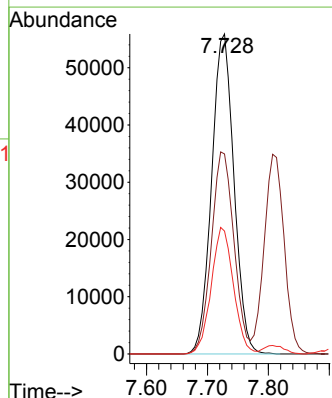
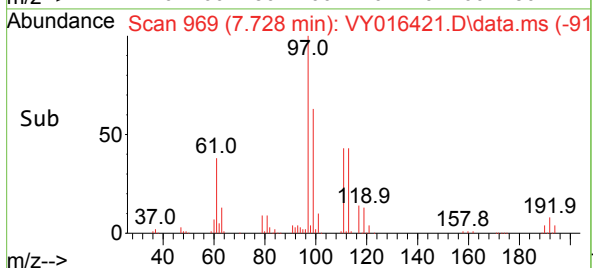
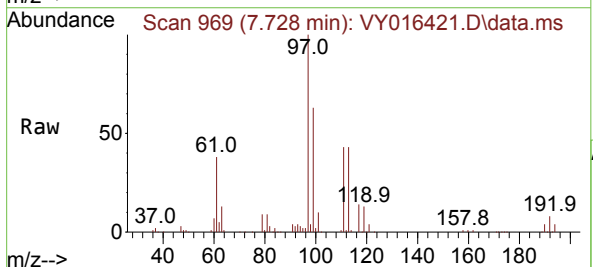


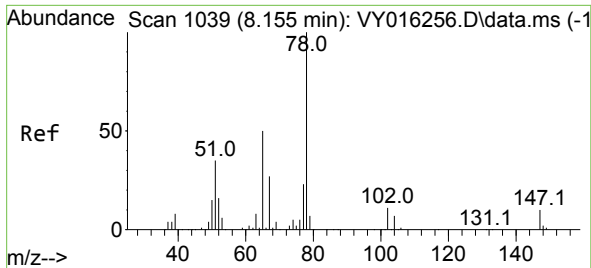
Tgt Ion: 56 Resp: 120536
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 101.6 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 53.029 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 97 Resp: 142390
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 39.3 35.1 52.7

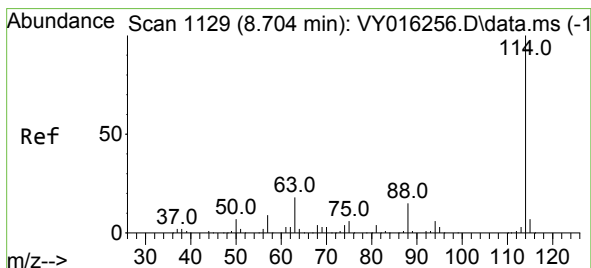
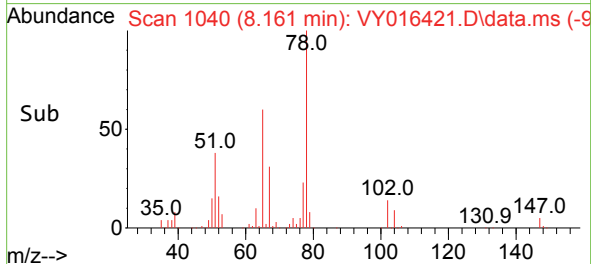
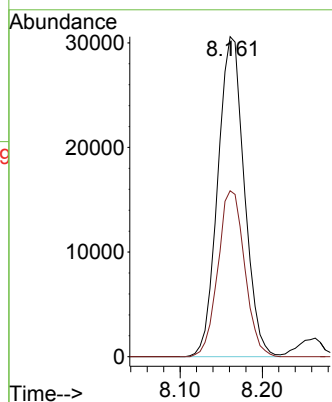
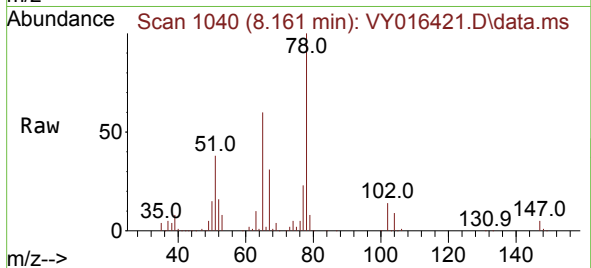




#33
1,2-Dichloroethane-d4
Concen: 50.893 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

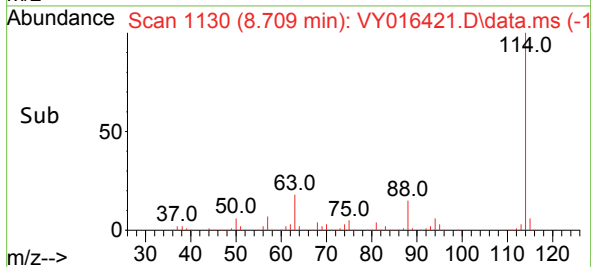
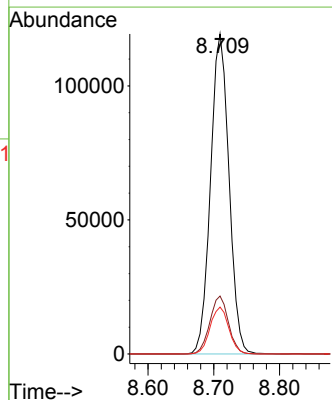
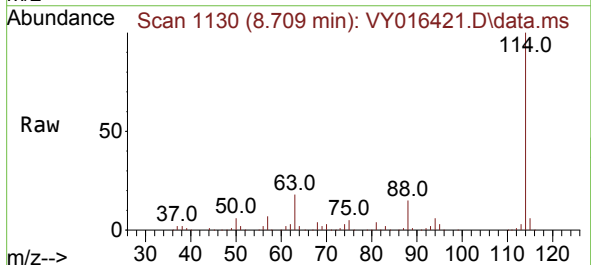
Instrument :
MSVOA_Y
ClientSampleId :

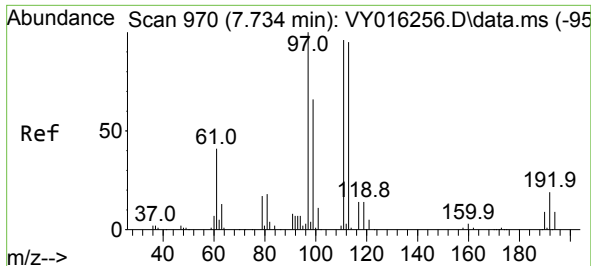
Tgt Ion: 65 Resp: 68657
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

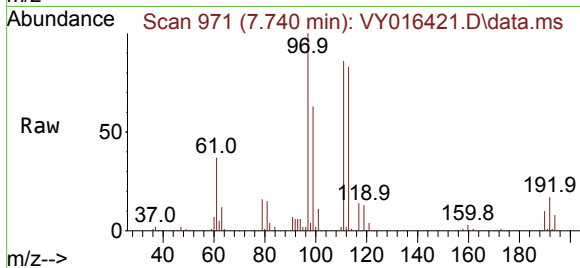
Tgt Ion: 114 Resp: 233196
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 14.7 0.0 30.6



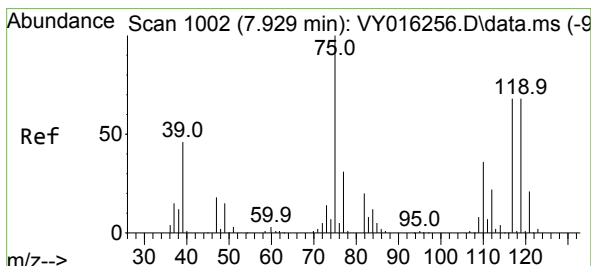
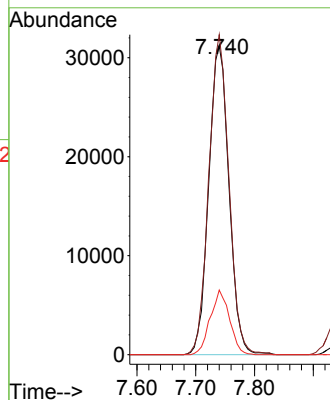
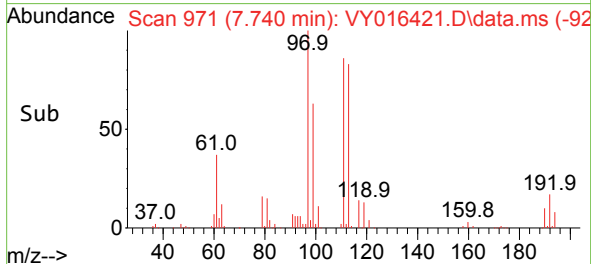


#35
Dibromofluoromethane
Concen: 56.430 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Instrument :
MSVOA_Y
ClientSampleId :

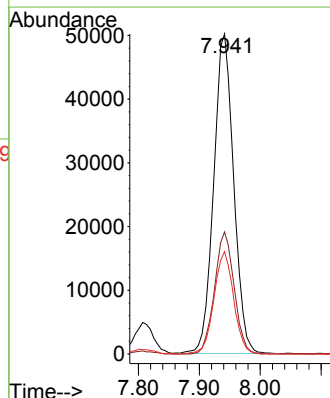
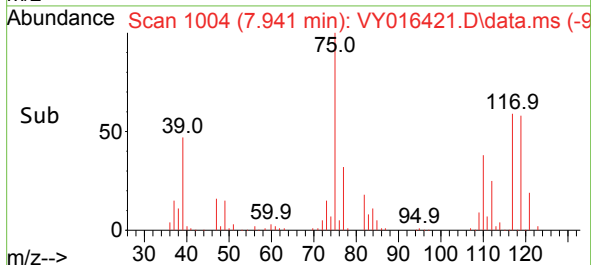
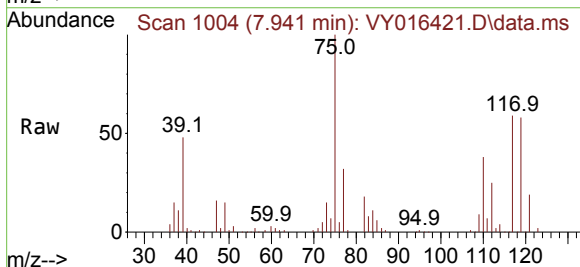


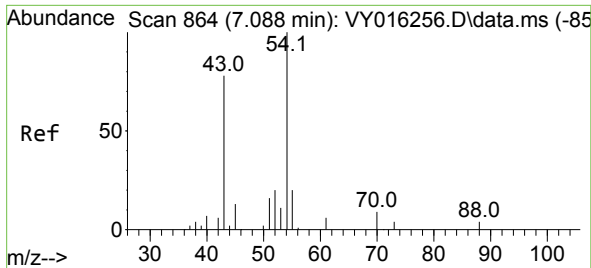
Tgt Ion:113 Resp: 74753
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.638 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 75 Resp: 114179
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.5 24.4 36.6

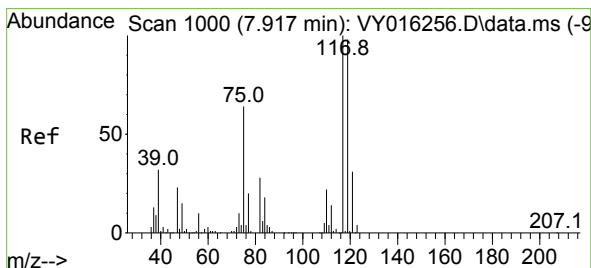
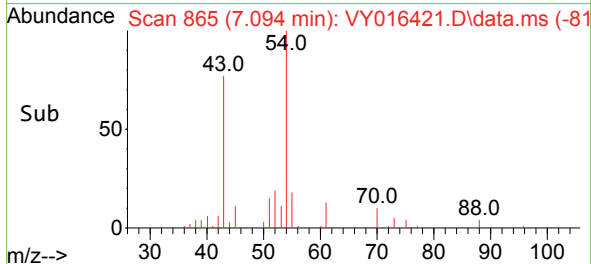
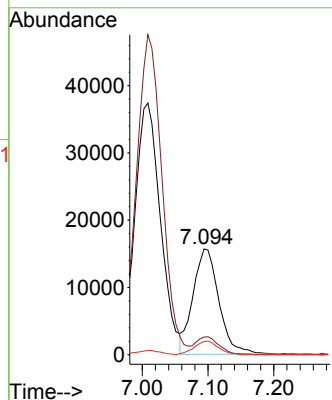
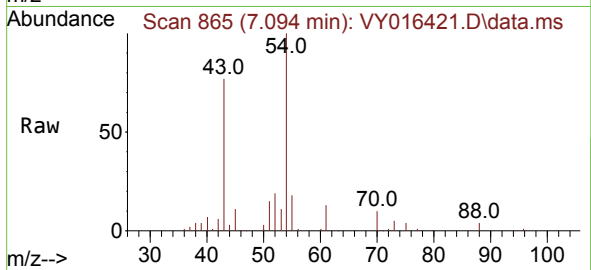




#37
Ethyl Acetate
Concen: 46.092 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

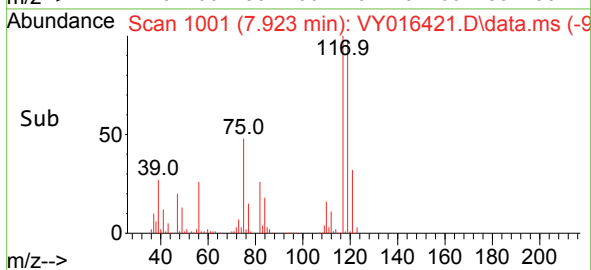
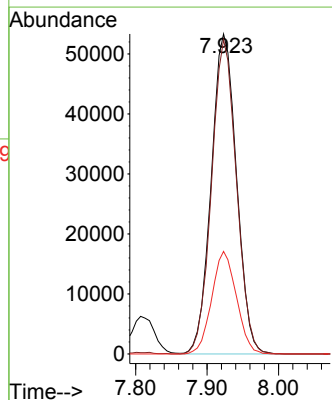
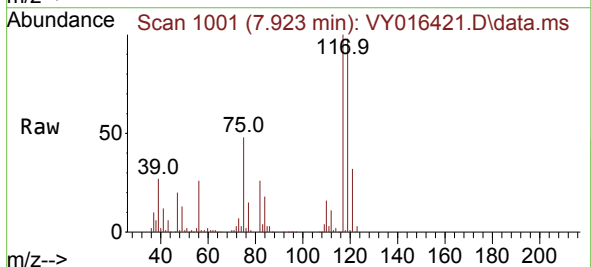
Instrument :
MSVOA_Y
ClientSampleId :

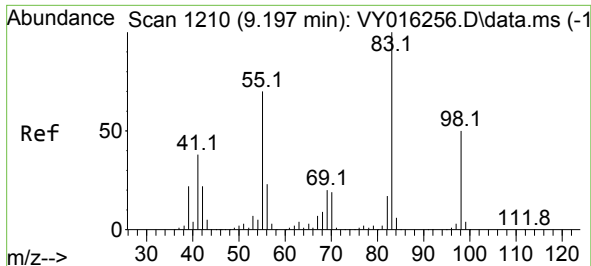
Tgt Ion: 43 Resp: 42838
Ion Ratio Lower Upper
43 100
61 15.8 10.1 15.1#
70 12.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 54.916 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 117 Resp: 131101
Ion Ratio Lower Upper
117 100
119 98.2 76.4 114.6
121 32.0 25.8 38.6





#39

Methylcyclohexane

Concen: 49.212 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

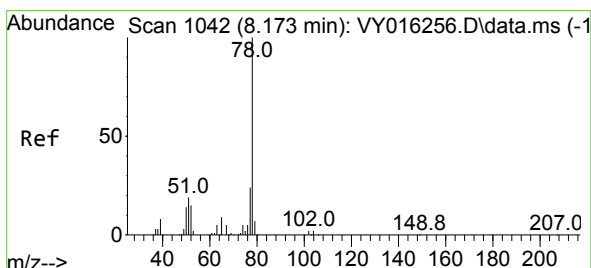
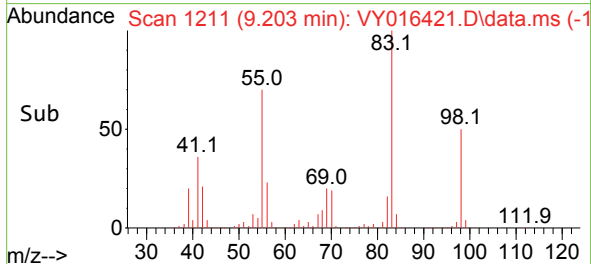
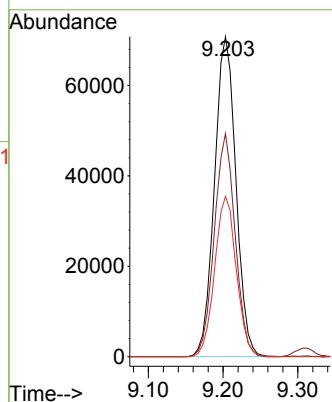
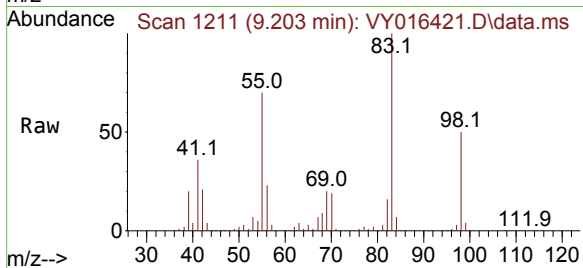
Tgt Ion: 83 Resp: 141052

Ion Ratio Lower Upper

83 100

55 69.8 63.0 94.4

98 50.1 37.4 56.2



#40

Benzene

Concen: 51.590 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016421.D

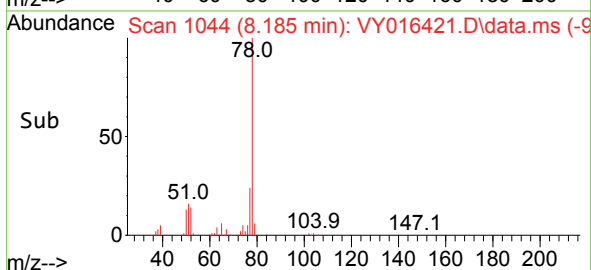
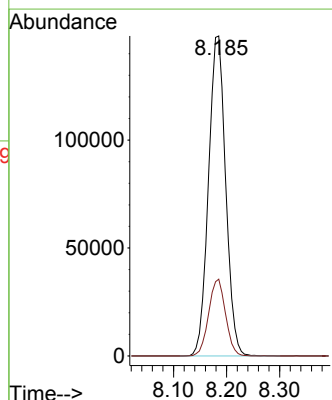
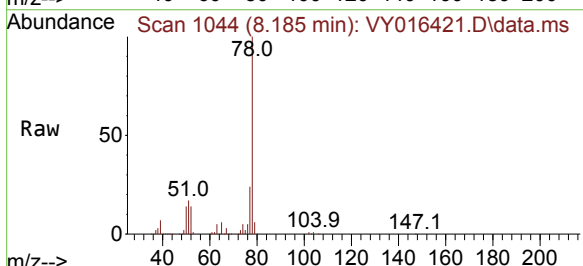
Acq: 20 Nov 2023 10:17

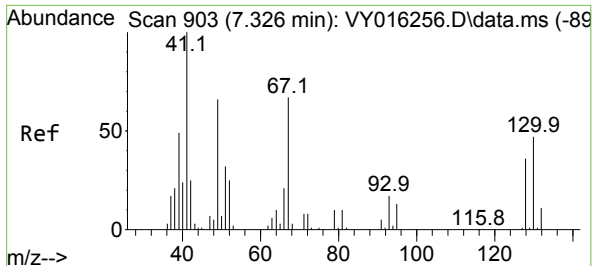
Tgt Ion: 78 Resp: 333401

Ion Ratio Lower Upper

78 100

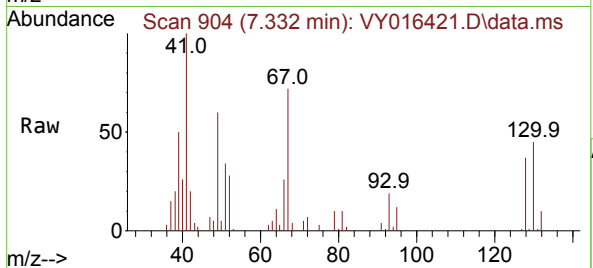
77 24.0 19.0 28.6



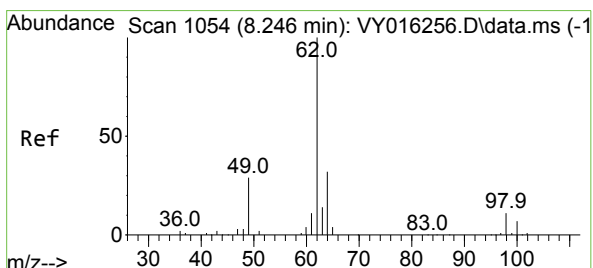
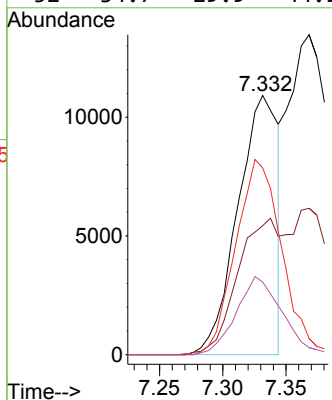
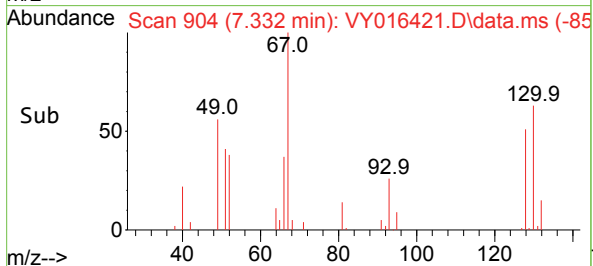


#41
Methacrylonitrile
Concen: 51.584 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

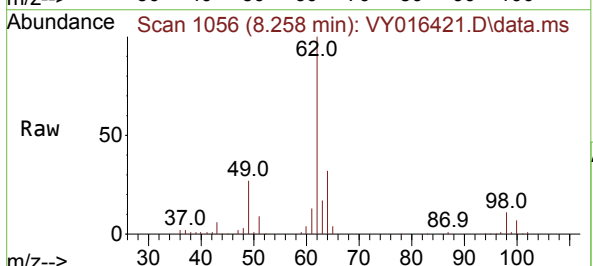
Instrument :
MSVOA_Y
ClientSampleId :



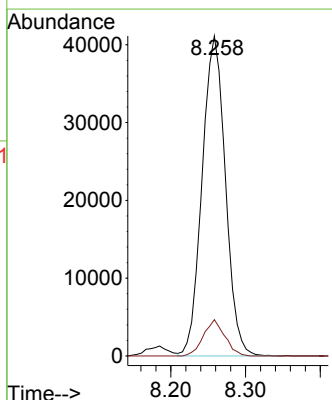
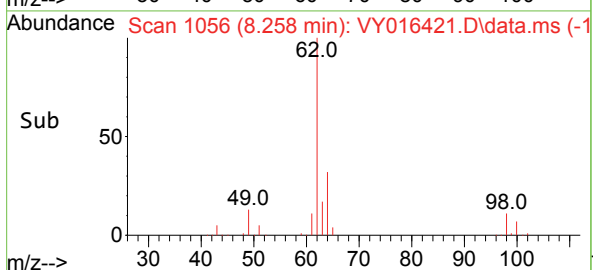
Tgt Ion: 41 Resp: 24173
Ion Ratio Lower Upper
41 100
39 61.0 52.1 78.1
67 86.4 66.2 99.2
52 34.7 29.9 44.9

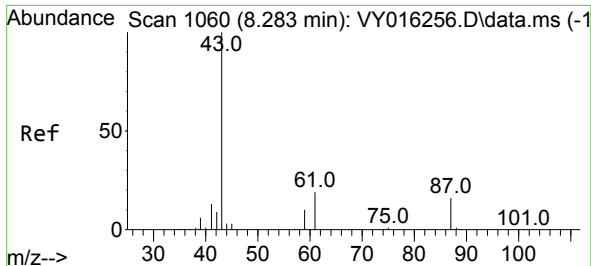


#42
1,2-Dichloroethane
Concen: 53.201 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17



Tgt Ion: 62 Resp: 89084
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

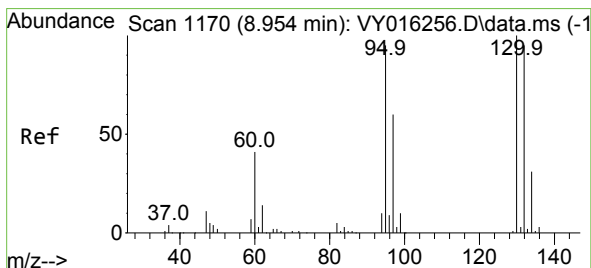
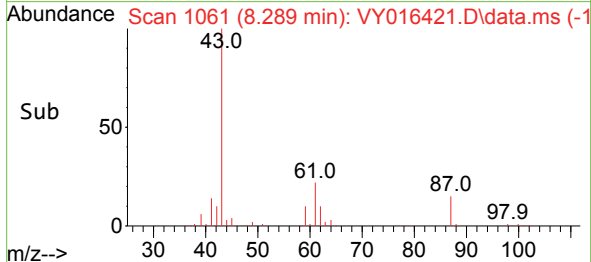
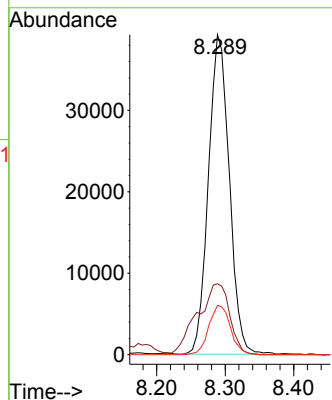
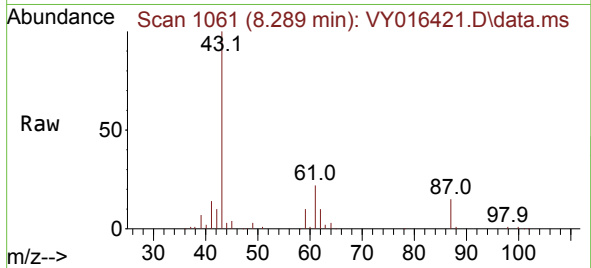




#43
Isopropyl Acetate
Concen: 46.216 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

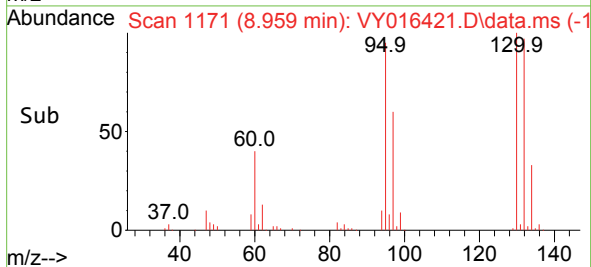
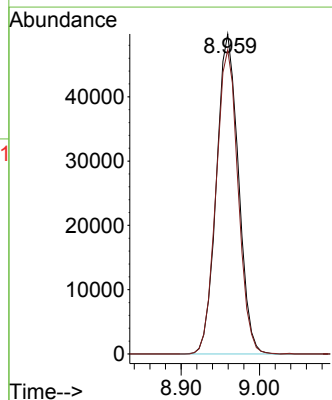
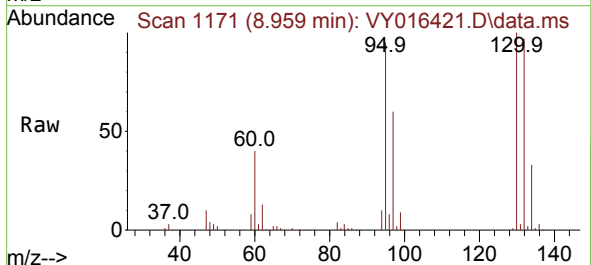
Instrument :
MSVOA_Y
ClientSampleId :

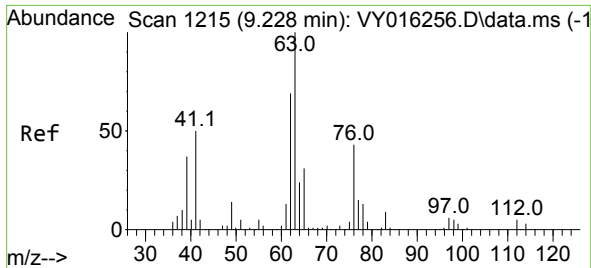
Tgt Ion: 43 Resp: 83028
Ion Ratio Lower Upper
43 100
61 34.1 21.1 31.7#
87 16.0 9.8 14.8#



#44
Trichloroethene
Concen: 52.208 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion:130 Resp: 96968
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0

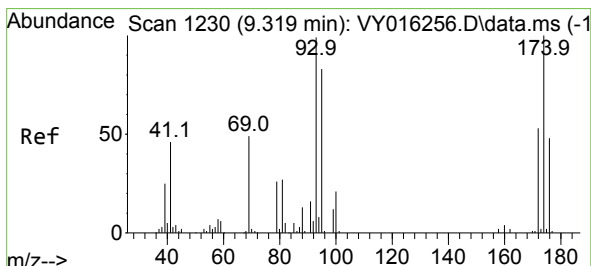
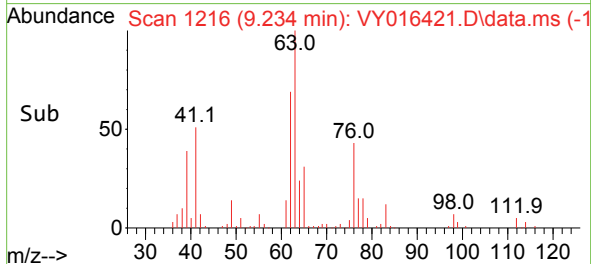
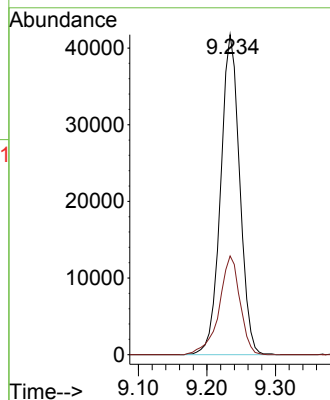
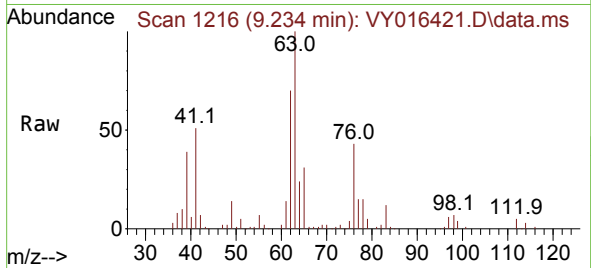




#45
1,2-Dichloropropane
Concen: 51.805 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

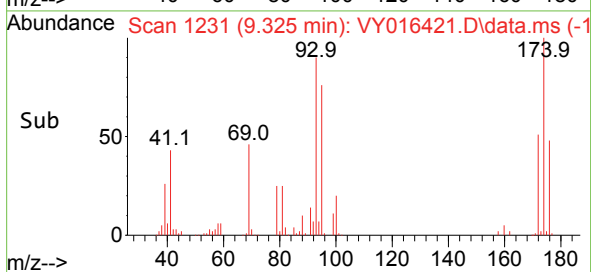
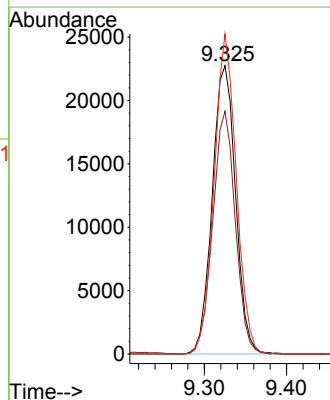
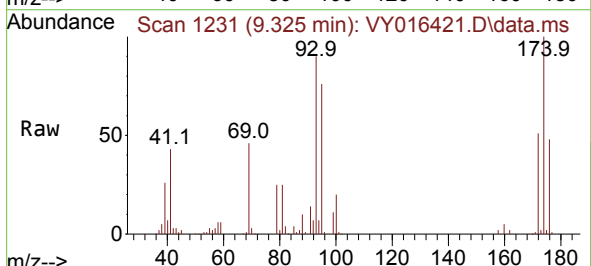
Instrument :
MSVOA_Y
ClientSampleId :

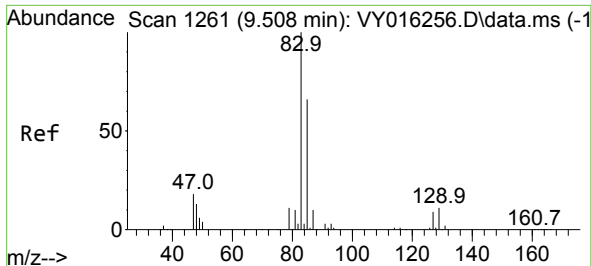
Tgt Ion: 63 Resp: 80403
Ion Ratio Lower Upper
63 100
65 30.8 23.8 35.6



#46
Dibromomethane
Concen: 53.219 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 93 Resp: 44760
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 105.5 84.8 127.2

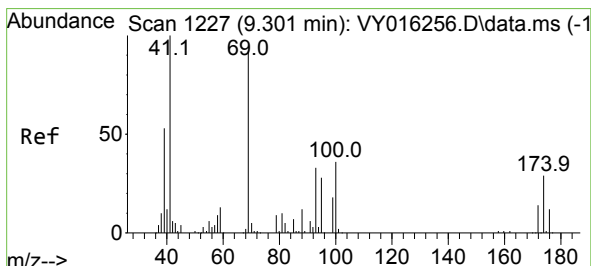
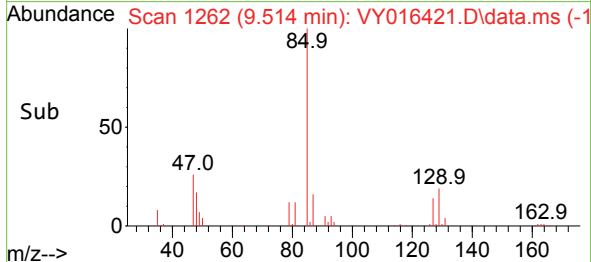
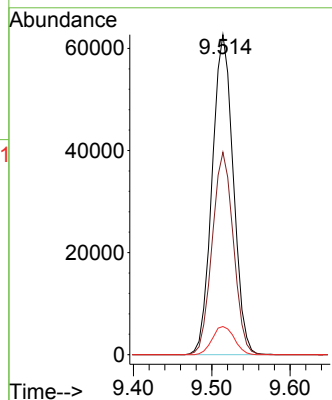
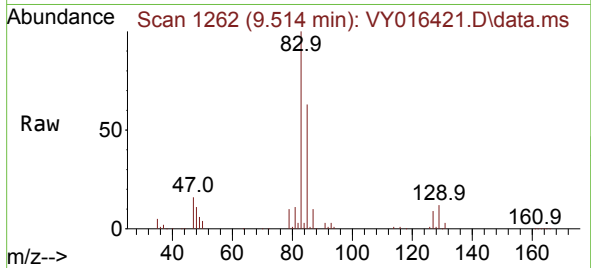




#47
Bromodichloromethane
Concen: 54.258 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

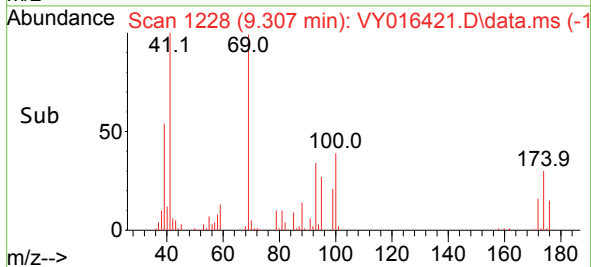
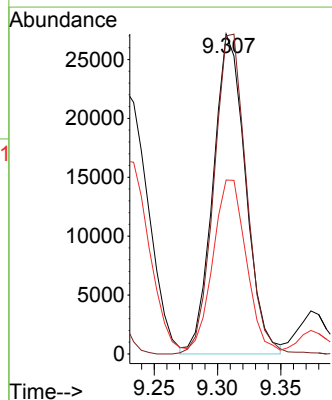
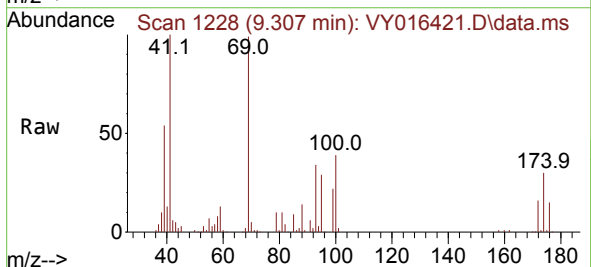
Instrument :
MSVOA_Y
ClientSampleId :

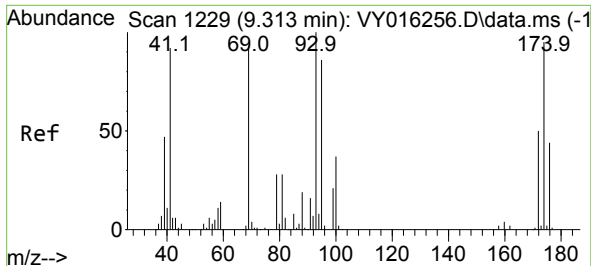
Tgt Ion: 83 Resp: 117320
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 48.829 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 41 Resp: 48481
Ion Ratio Lower Upper
41 100
69 99.8 64.5 96.7#
39 56.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1010.636 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

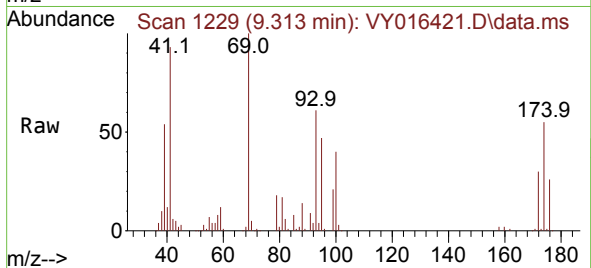
Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :



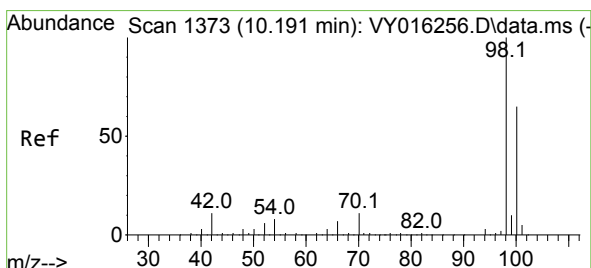
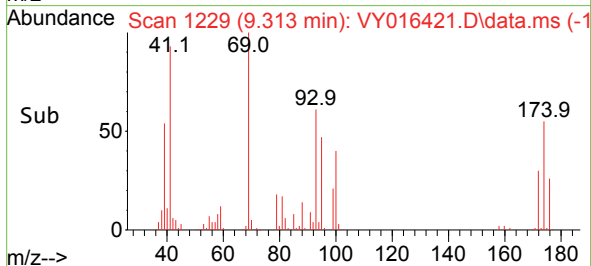
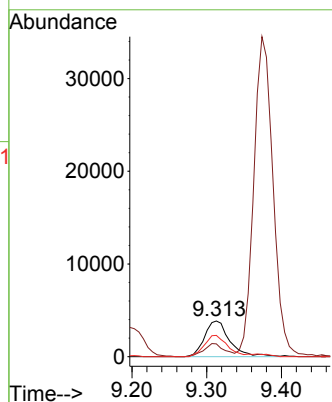
Tgt Ion: 88 Resp: 9024

Ion Ratio Lower Upper

88 100

43 30.4 0.0 0.0#

58 60.5 30.9 46.3#



#50

Toluene-d8

Concen: 51.645 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016421.D

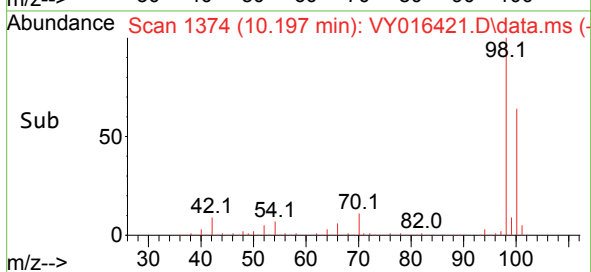
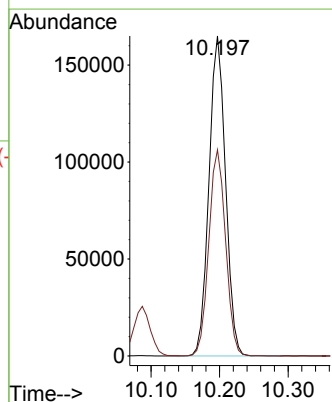
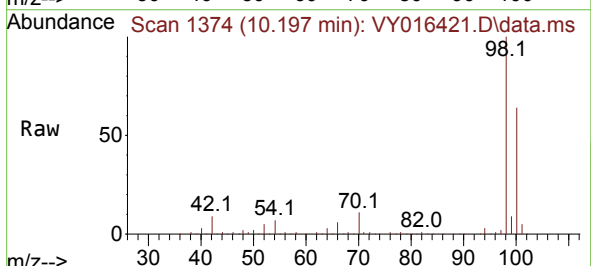
Acq: 20 Nov 2023 10:17

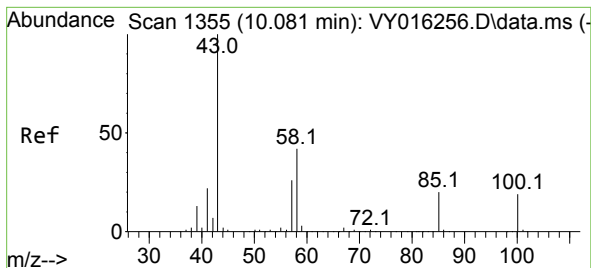
Tgt Ion: 98 Resp: 277432

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

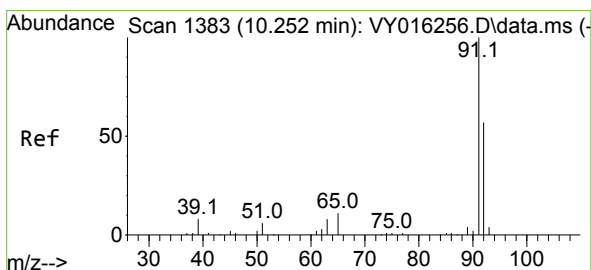
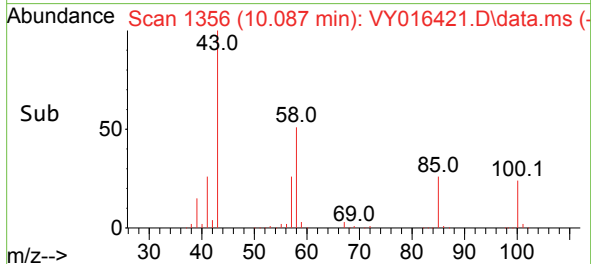
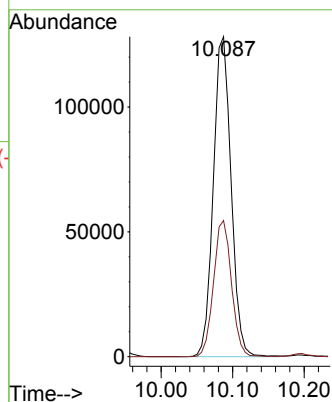
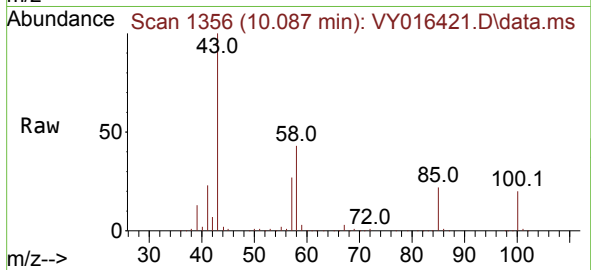




#51
4-Methyl-2-Pentanone
Concen: 243.382 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

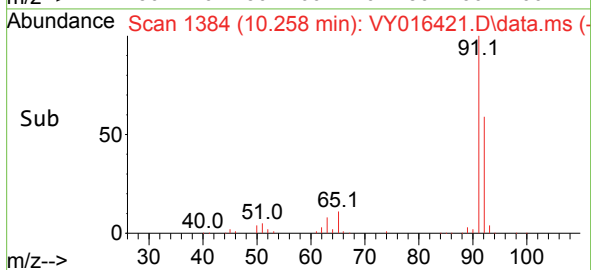
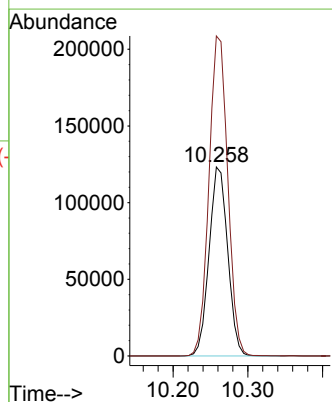
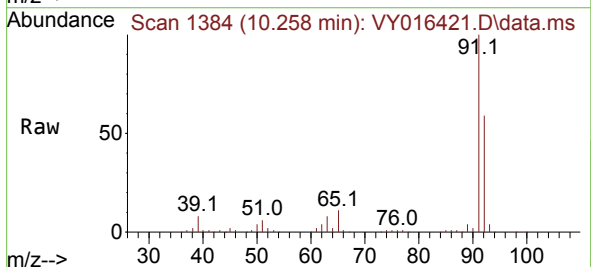
Instrument :
MSVOA_Y
ClientSampleId :

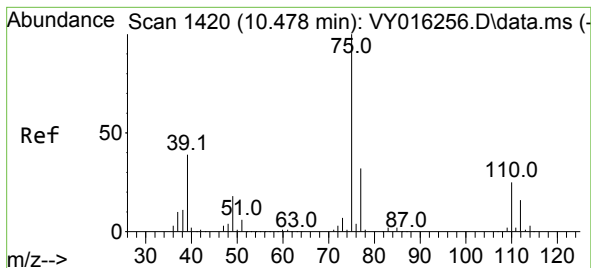
Tgt Ion: 43 Resp: 221102
Ion Ratio Lower Upper
43 100
58 43.0 29.0 43.6



#52
Toluene
Concen: 52.181 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 92 Resp: 213168
Ion Ratio Lower Upper
92 100
91 171.1 143.8 215.6

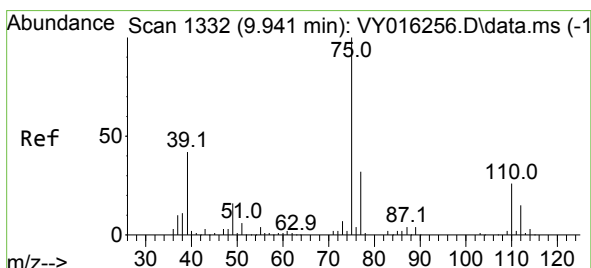
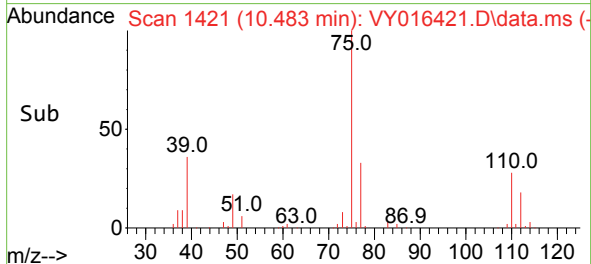
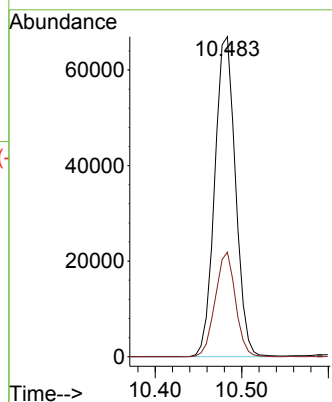
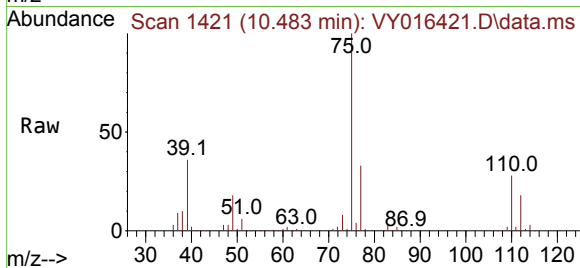




#53
 t-1,3-Dichloropropene
 Concen: 53.300 ug/l
 RT: 10.483 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016421.D
 Acq: 20 Nov 2023 10:17

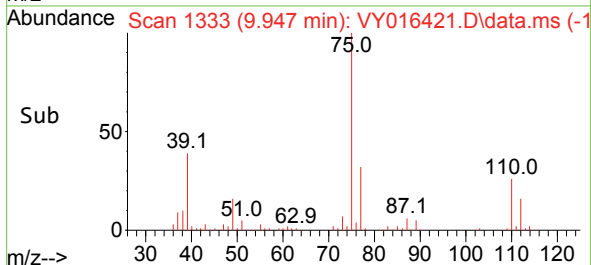
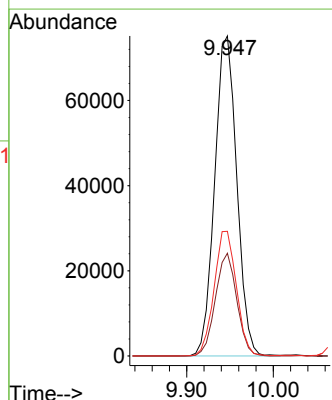
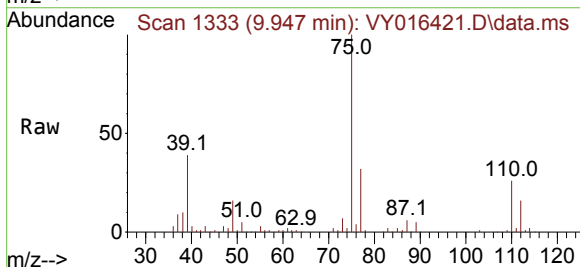
Instrument :
 MSVOA_Y
 ClientSampleId :

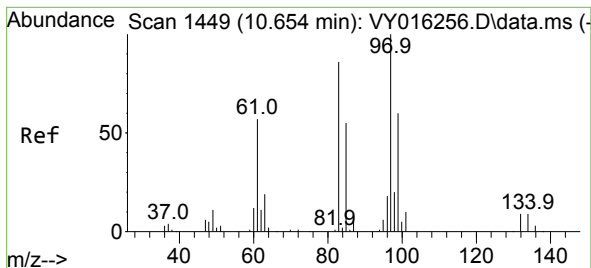
Tgt Ion: 75 Resp: 111725
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.303 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016421.D
 Acq: 20 Nov 2023 10:17

Tgt Ion: 75 Resp: 133450
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 39.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 54.294 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 62939

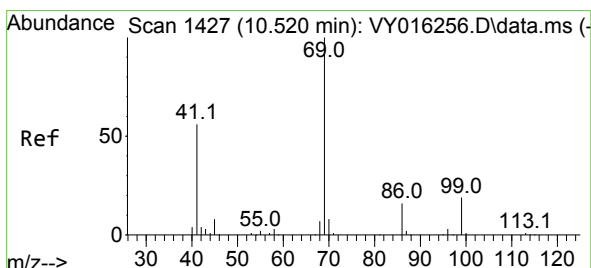
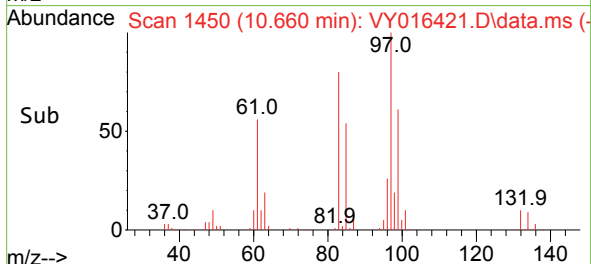
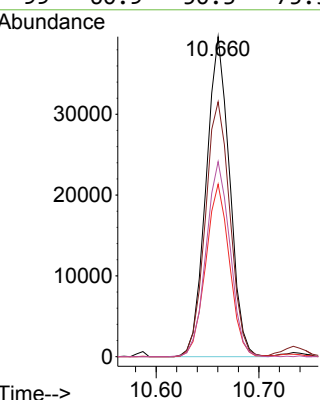
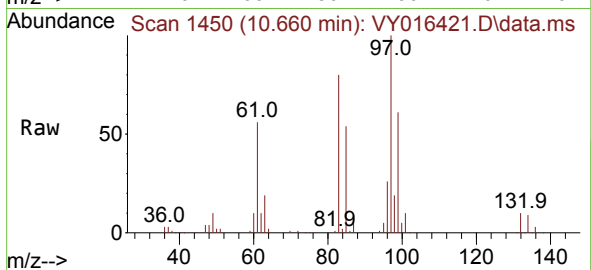
Ion Ratio Lower Upper

97 100

83 79.7 72.0 108.0

85 53.9 45.4 68.0

99 60.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.622 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

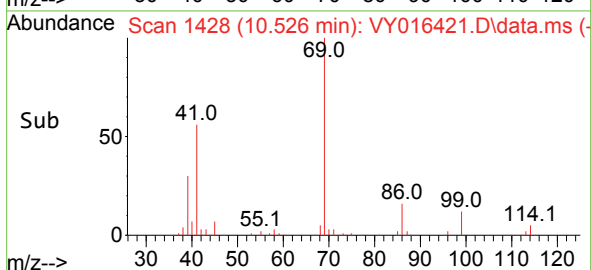
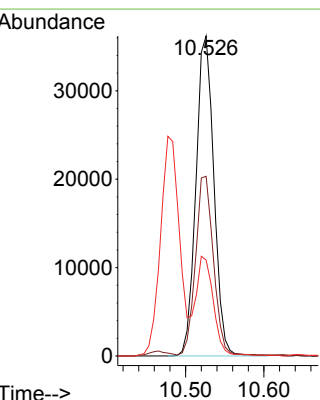
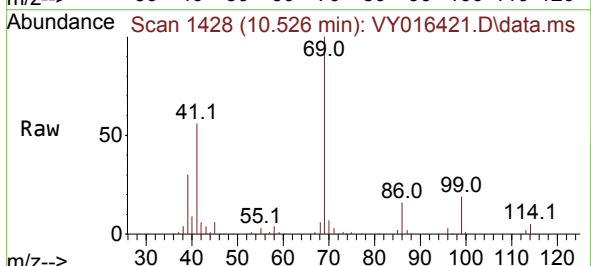
Tgt Ion: 69 Resp: 57583

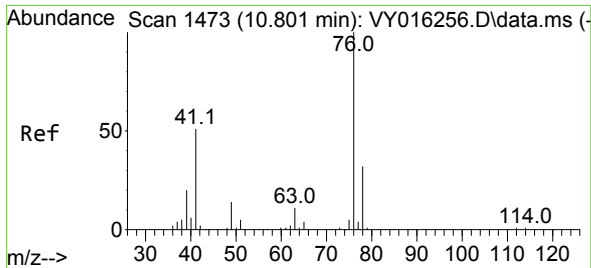
Ion Ratio Lower Upper

69 100

41 55.9 57.6 86.4#

39 28.9 34.1 51.1#

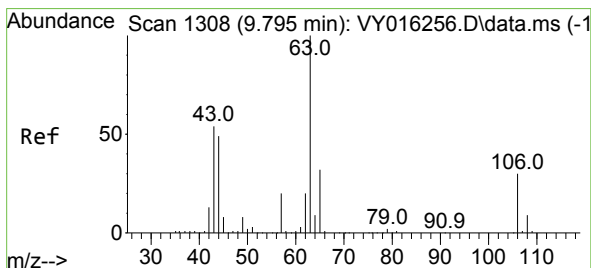
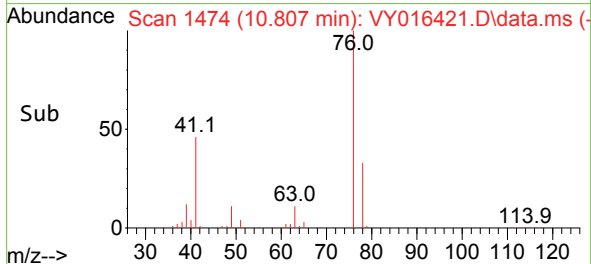
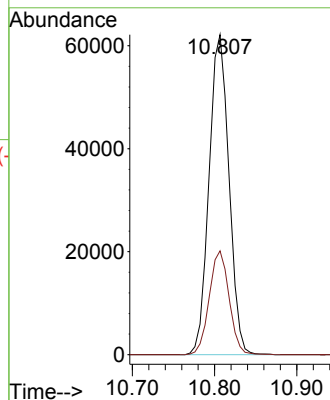
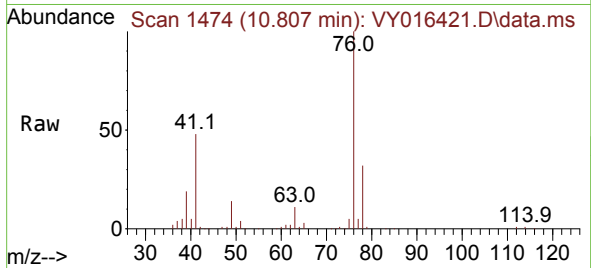




#57
1,3-Dichloropropane
Concen: 52.916 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

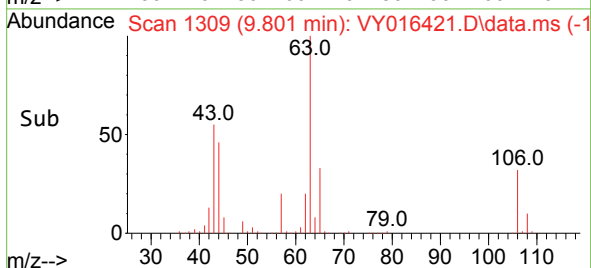
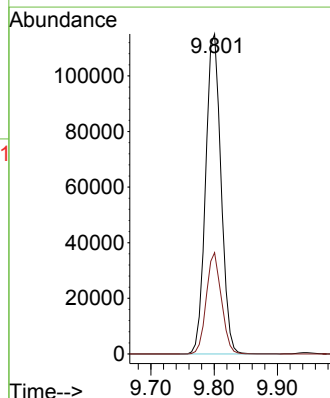
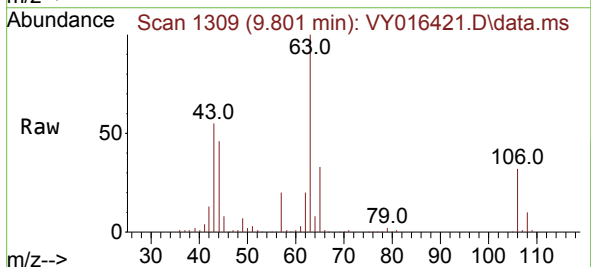
Instrument :
MSVOA_Y
ClientSampleId :

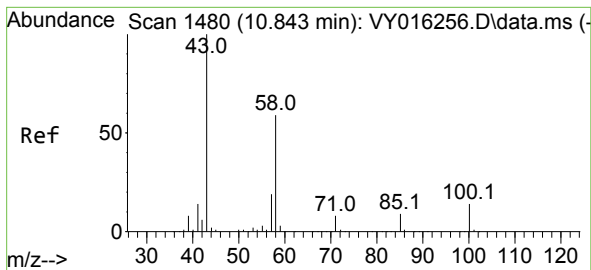
Tgt Ion: 76 Resp: 104563
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 262.649 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 63 Resp: 194884
Ion Ratio Lower Upper
63 100
106 31.0 21.2 31.8

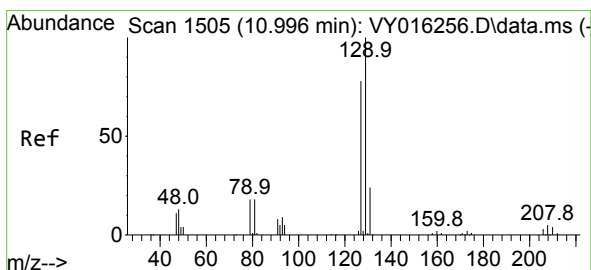
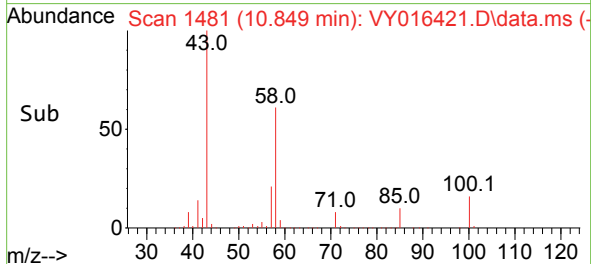
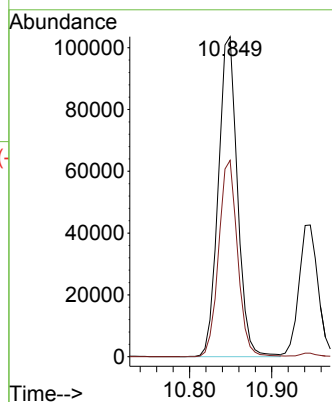
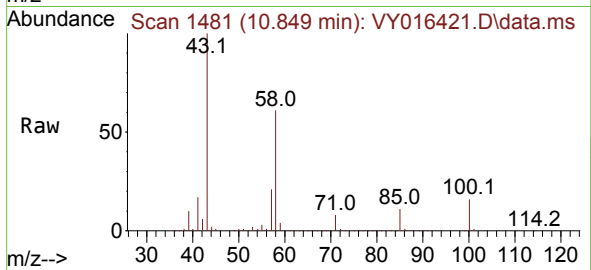




#59
2-Hexanone
Concen: 247.666 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

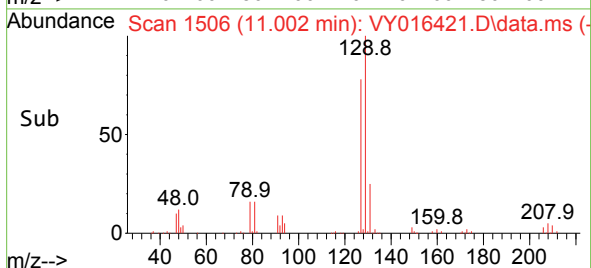
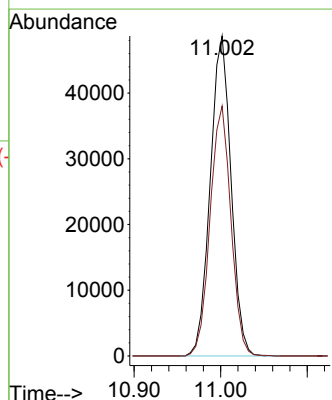
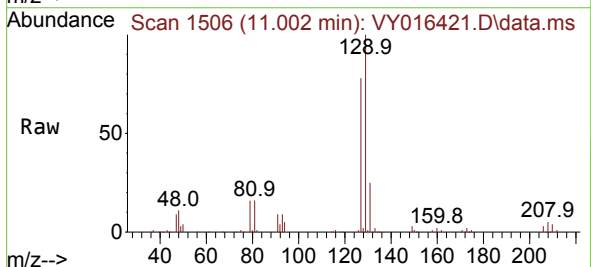
Instrument :
MSVOA_Y
ClientSampleId :

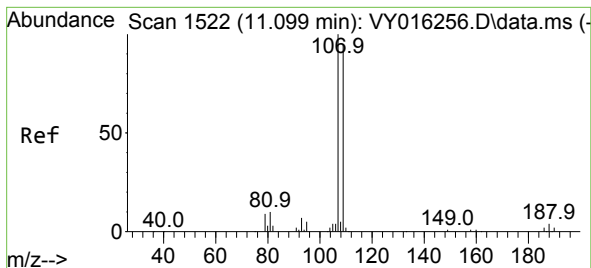
Tgt Ion: 43 Resp: 167356
Ion Ratio Lower Upper
43 100
58 60.5 25.1 75.3



#60
Dibromochloromethane
Concen: 56.074 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 129 Resp: 81295
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

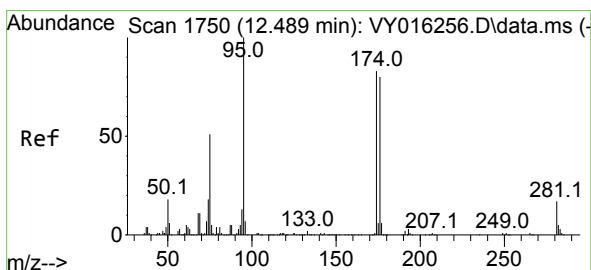
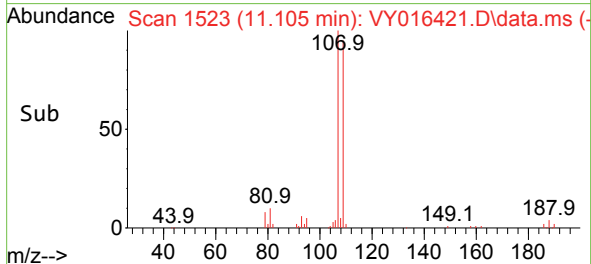
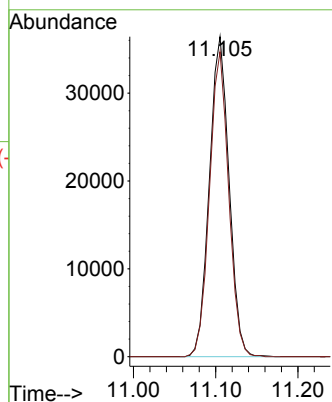
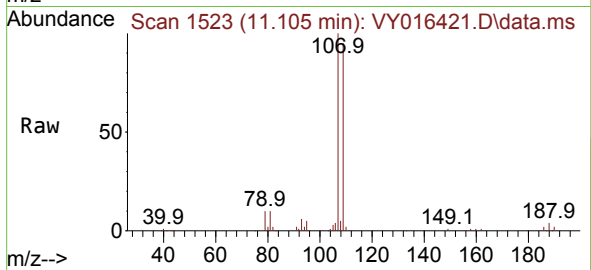




#61
1,2-Dibromoethane
Concen: 54.864 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

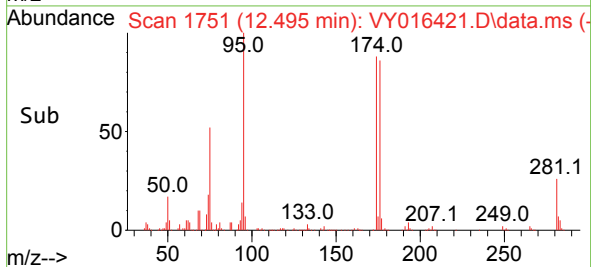
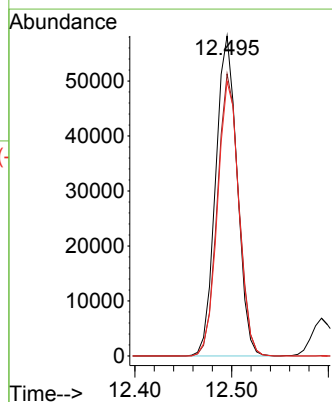
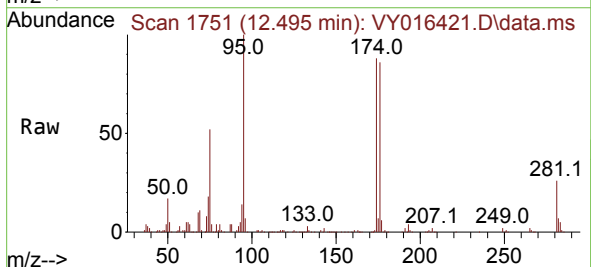
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 60592
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.361 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 95 Resp: 89610
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 85.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 117

Delta R.T. 0.006 min

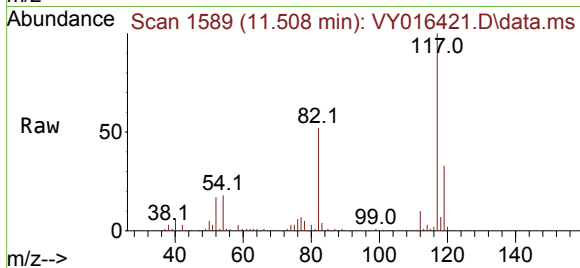
Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :



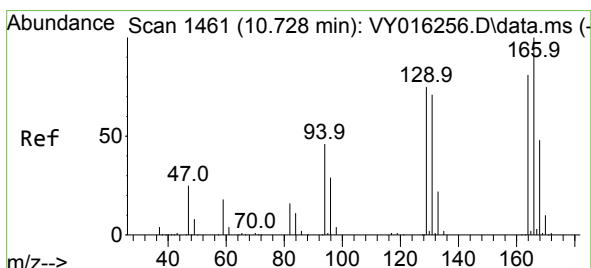
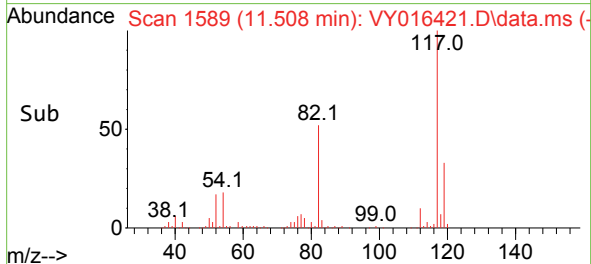
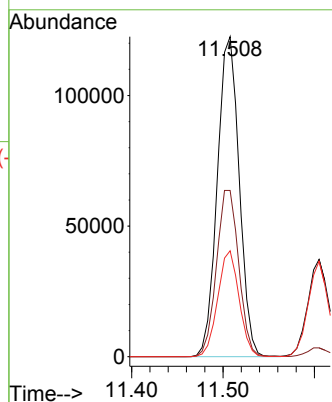
Tgt Ion:117 Resp: 204106

Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 33.1 26.3 39.5



#64

Tetrachloroethene

Concen: 51.805 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Tgt Ion:164 Resp: 94941

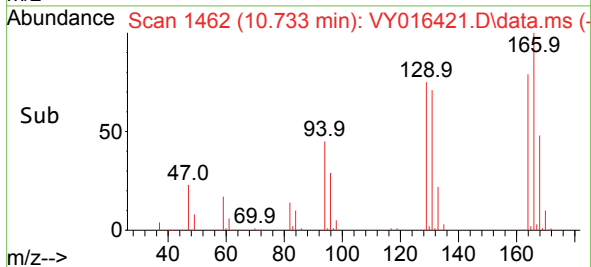
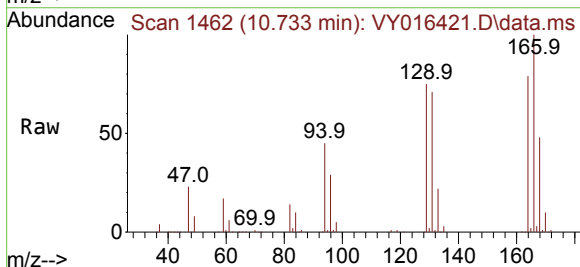
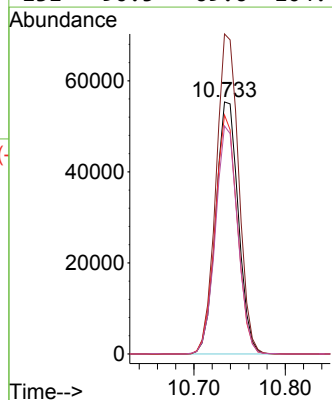
Ion Ratio Lower Upper

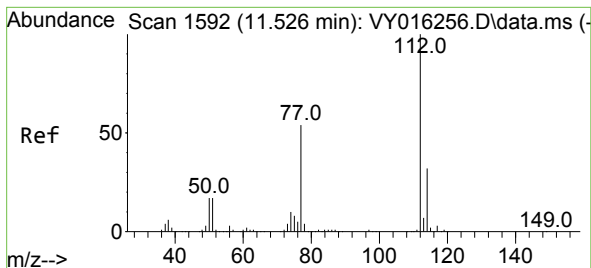
164 100

166 127.0 103.0 154.6

129 94.8 77.2 115.8

131 90.5 69.6 104.4





#65

Chlorobenzene

Concen: 52.717 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

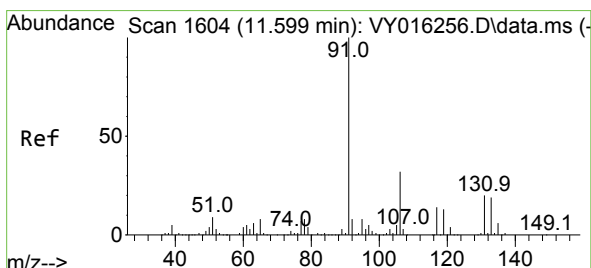
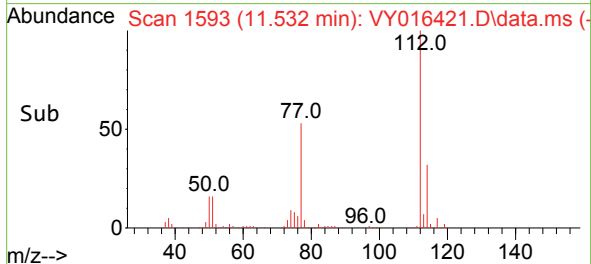
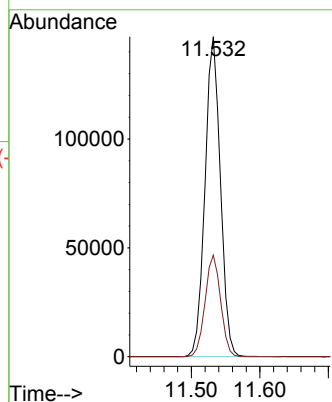
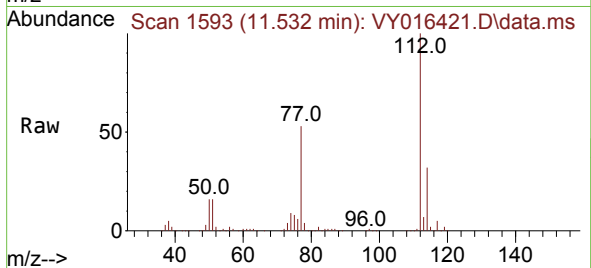
ClientSampleId :

Tgt Ion:112 Resp: 229887

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.428 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

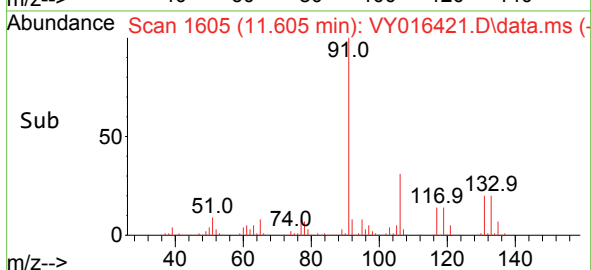
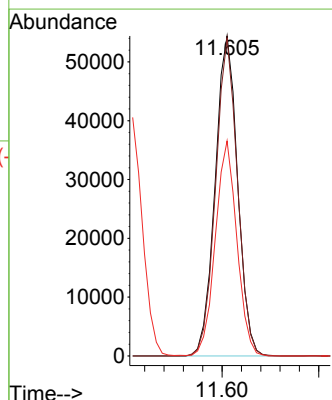
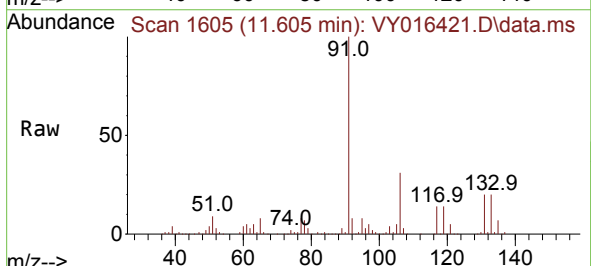
Tgt Ion:131 Resp: 87541

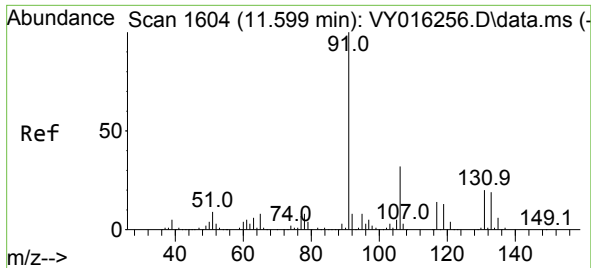
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.6

119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 52.650 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

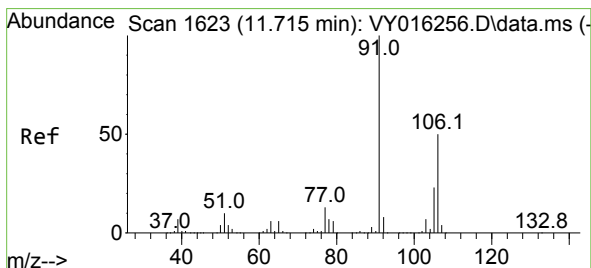
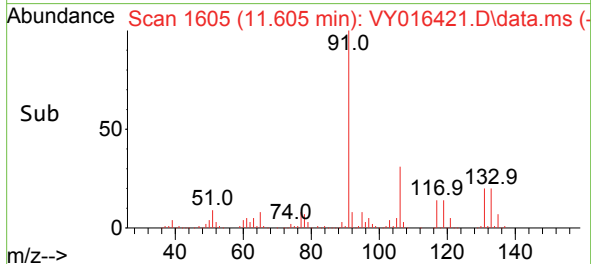
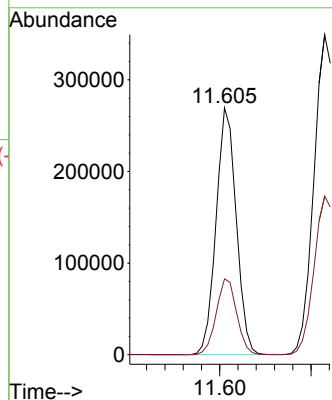
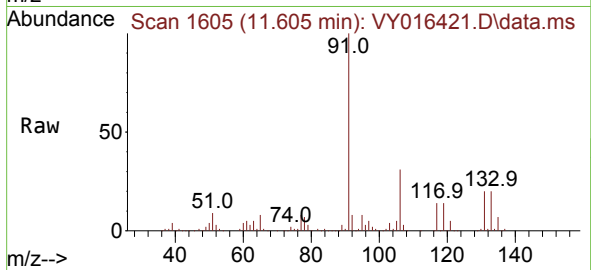
ClientSampleId :

Tgt Ion: 91 Resp: 412620

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 106.169 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016421.D

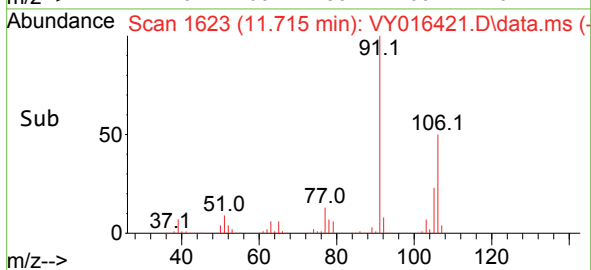
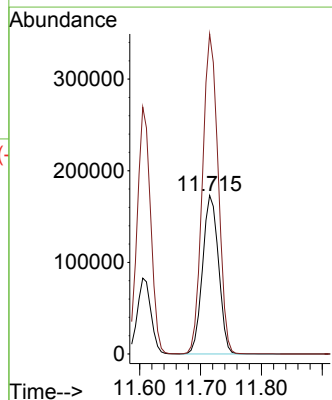
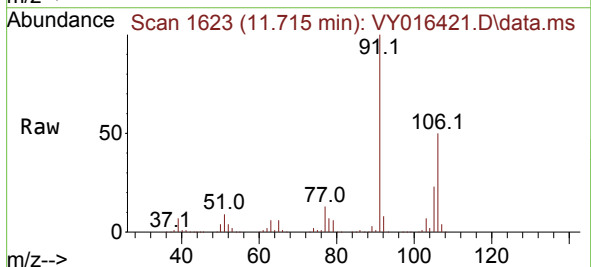
Acq: 20 Nov 2023 10:17

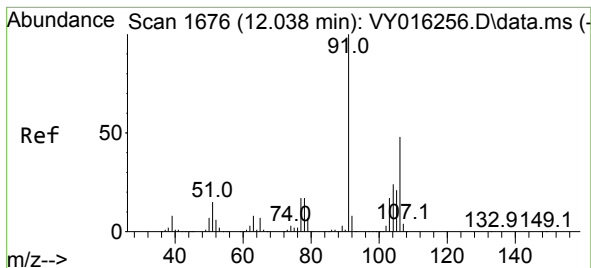
Tgt Ion:106 Resp: 315589

Ion Ratio Lower Upper

106 100

91 198.0 166.1 249.1





#69

o-Xylene

Concen: 53.396 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

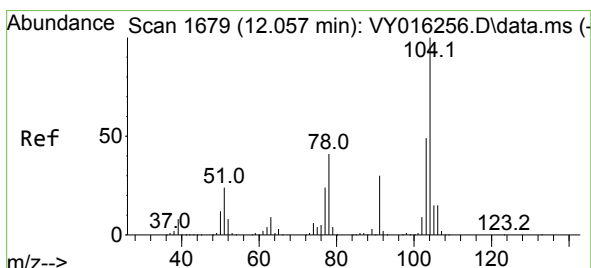
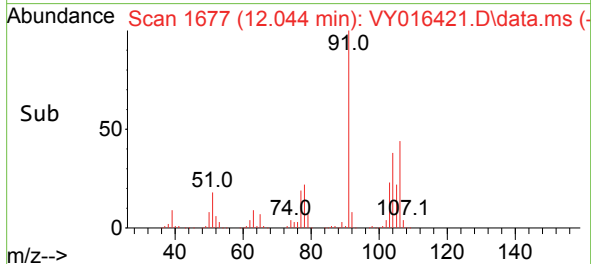
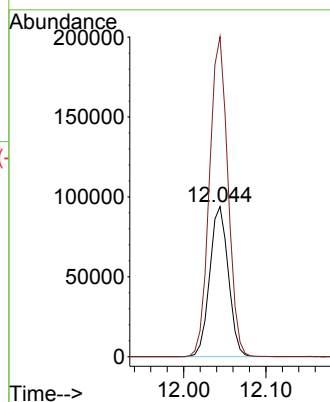
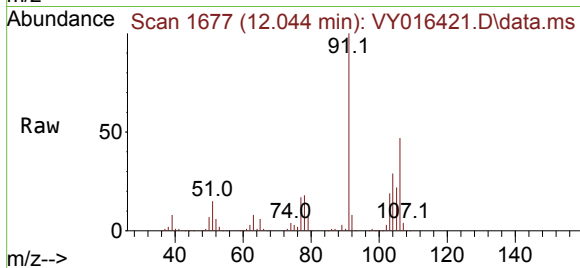
ClientSampleId :

Tgt Ion:106 Resp: 147366

Ion Ratio Lower Upper

106 100

91 211.5 108.1 324.3



#70

Styrene

Concen: 54.596 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

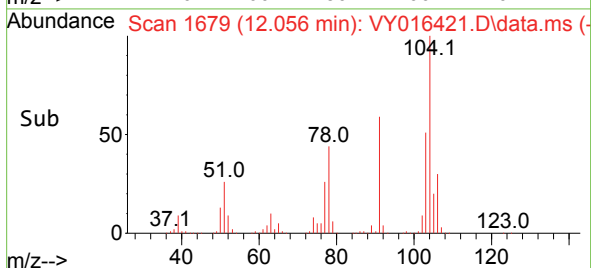
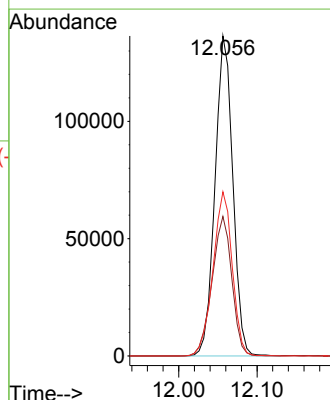
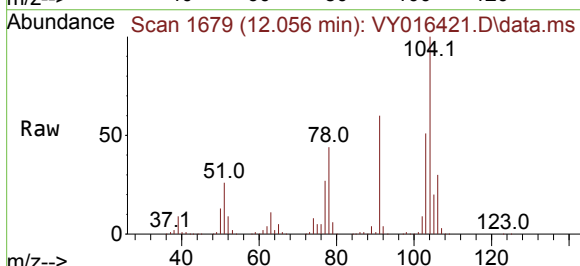
Tgt Ion:104 Resp: 215756

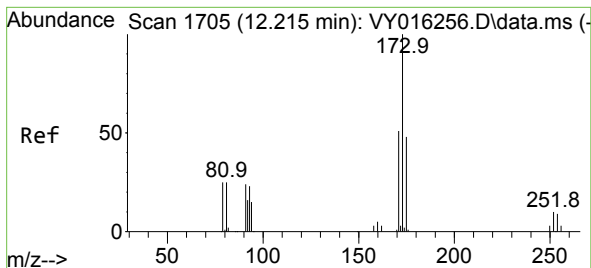
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 56.116 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

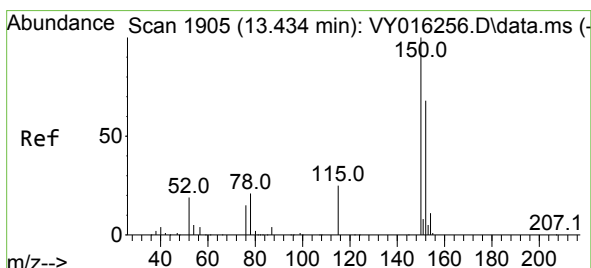
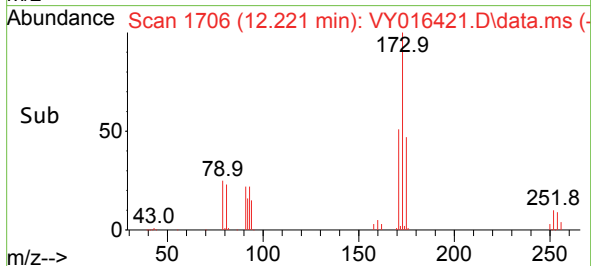
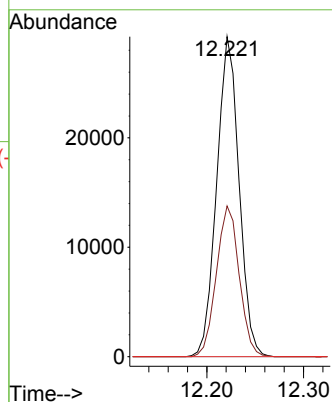
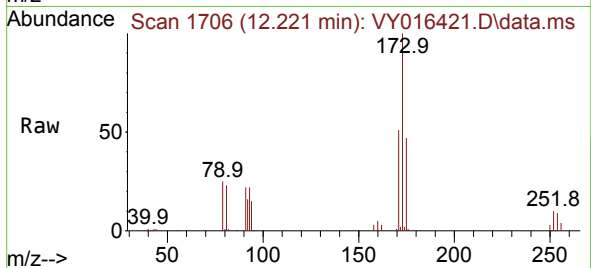
Tgt Ion:173 Resp: 46833

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

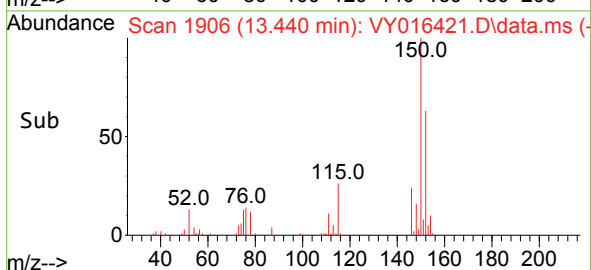
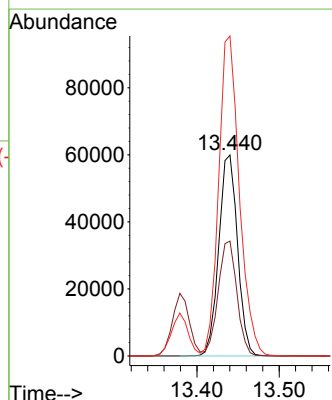
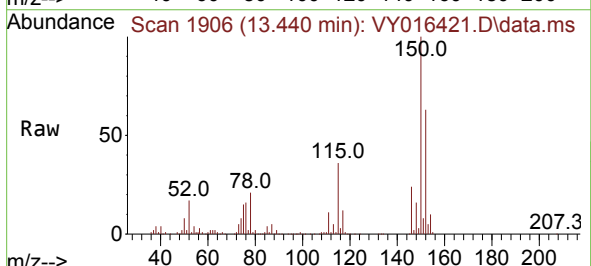
Tgt Ion:152 Resp: 95105

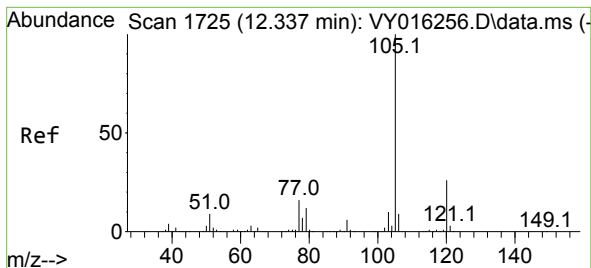
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 175.5 0.0 348.8





#73

Isopropylbenzene

Concen: 52.171 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

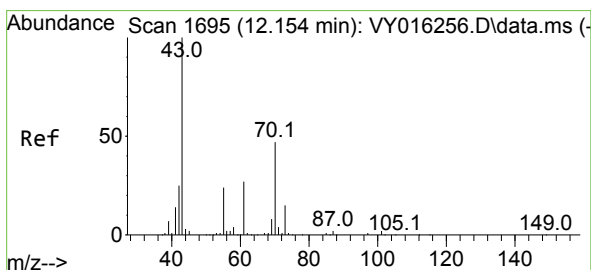
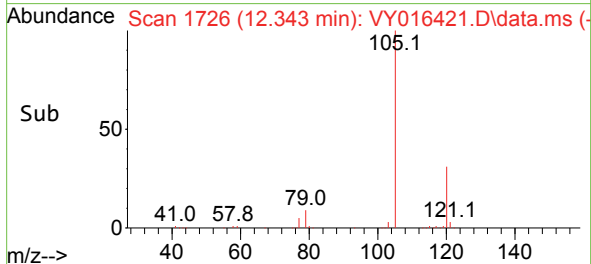
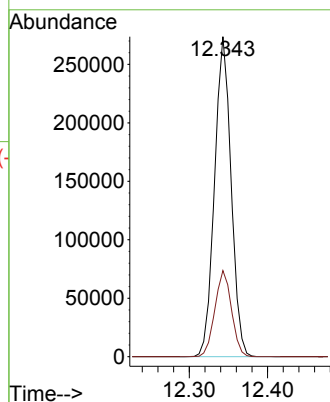
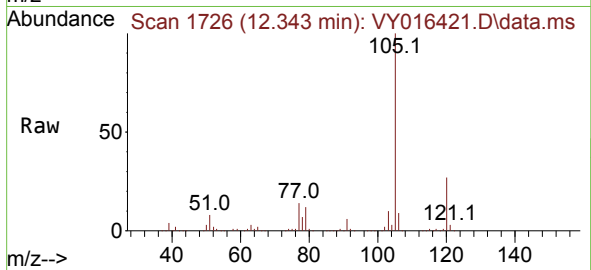
ClientSampleId :

Tgt Ion:105 Resp: 401792

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 44.357 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Tgt Ion: 43 Resp: 68618

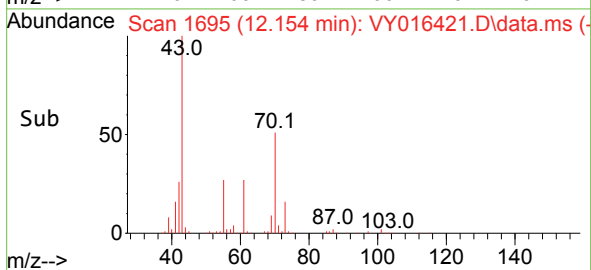
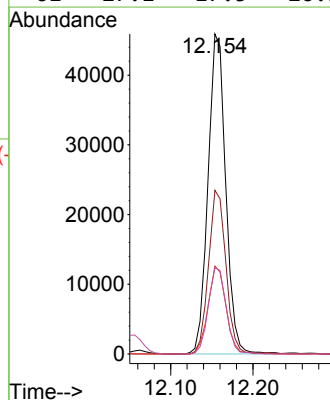
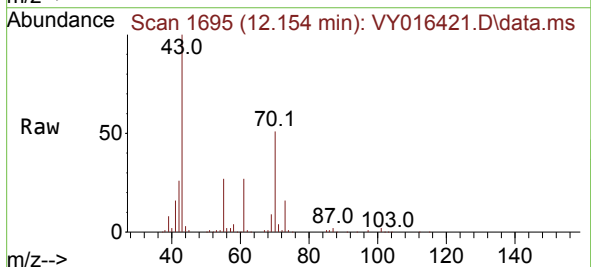
Ion Ratio Lower Upper

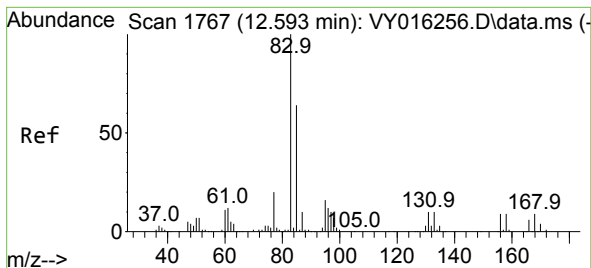
43 100

70 50.6 29.7 44.5#

55 27.7 18.3 27.5#

61 27.1 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.161 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016421.D

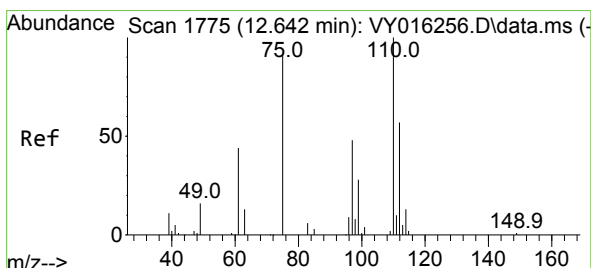
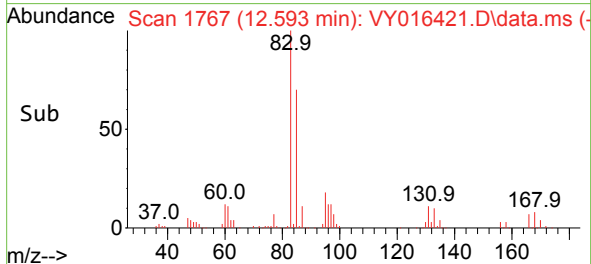
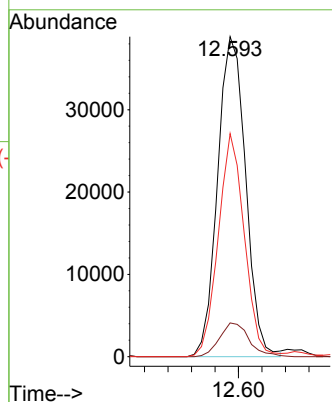
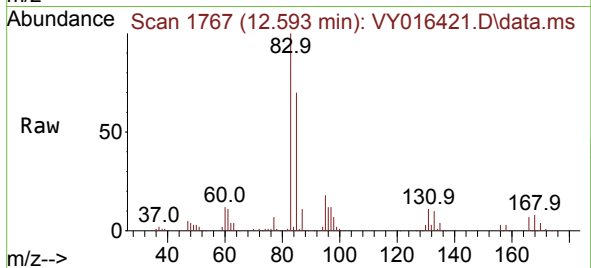
Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	64461
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	64.8	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 91.838 ug/l

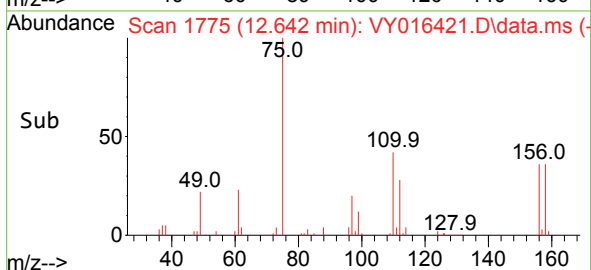
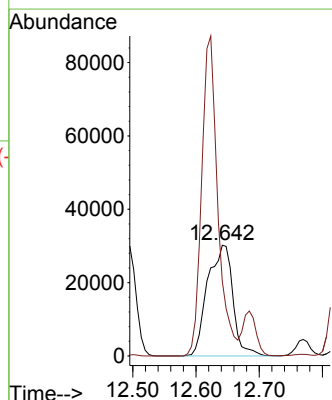
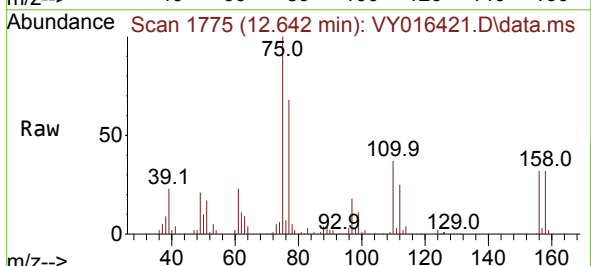
RT: 12.642 min Scan# 1775

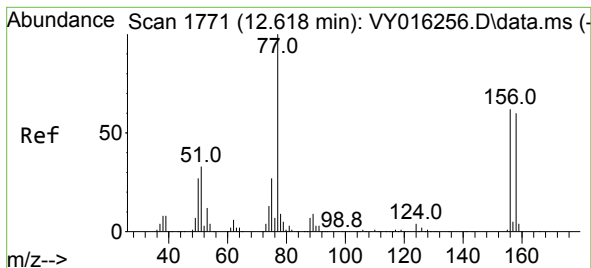
Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Tgt Ion:	75	Resp:	83787
Ion Ratio	Lower	Upper	
75	100		
77	185.4	0.0	0.0#





#77

Bromobenzene

Concen: 52.994 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

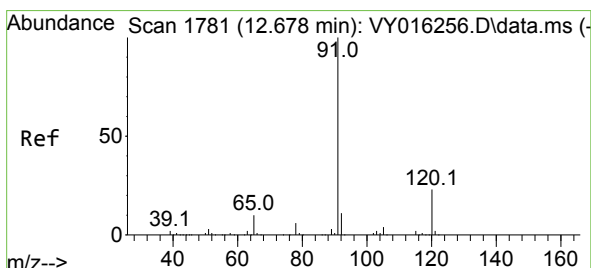
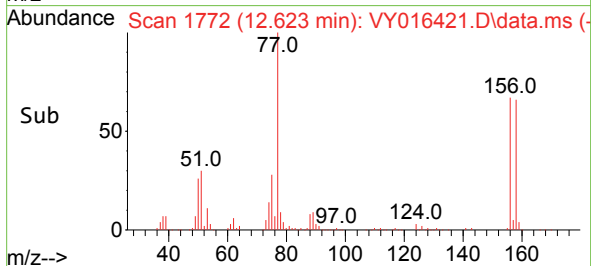
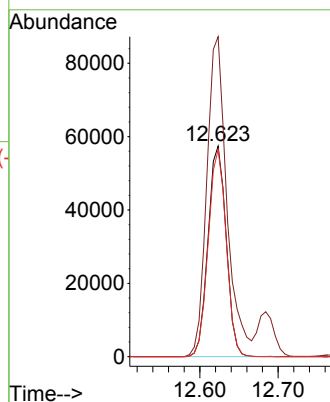
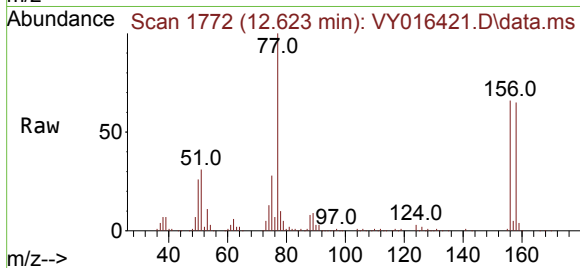
Tgt Ion:156 Resp: 92242

Ion Ratio Lower Upper

156 100

77 168.4 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 51.494 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016421.D

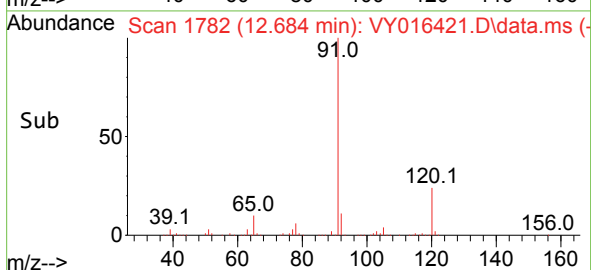
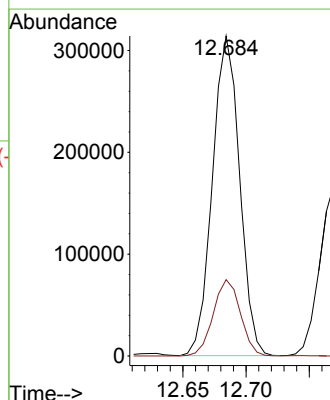
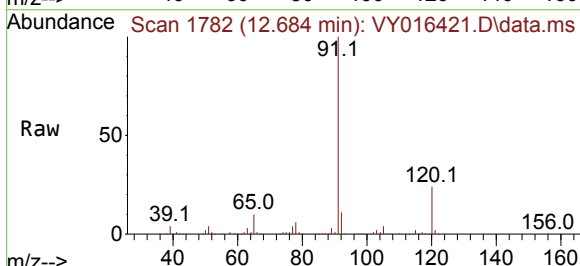
Acq: 20 Nov 2023 10:17

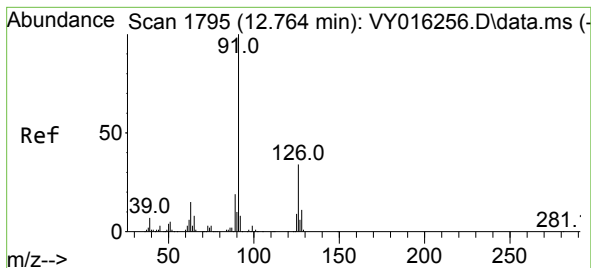
Tgt Ion: 91 Resp: 468666

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.391 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

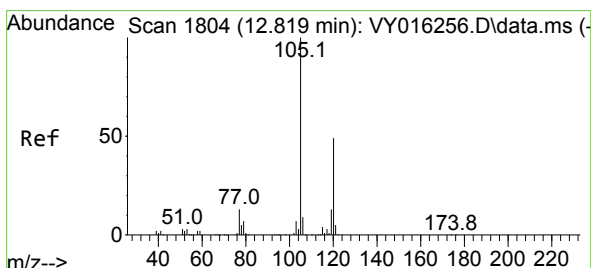
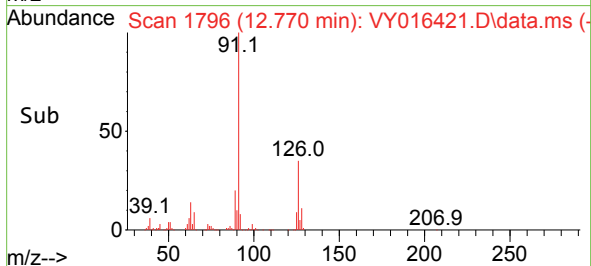
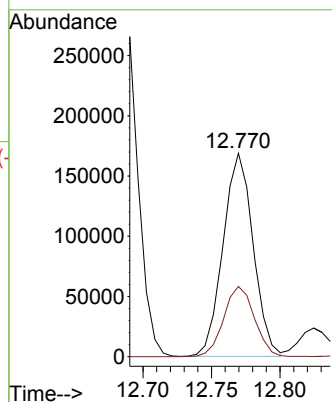
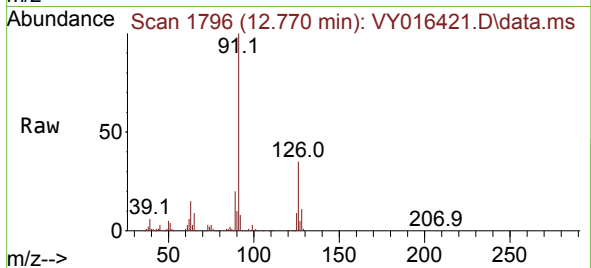
ClientSampleId :

Tgt Ion: 91 Resp: 257764

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.127 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016421.D

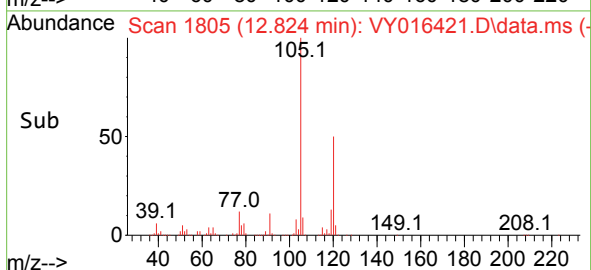
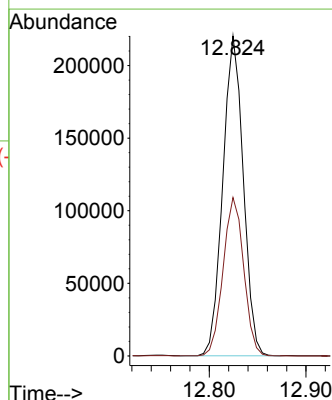
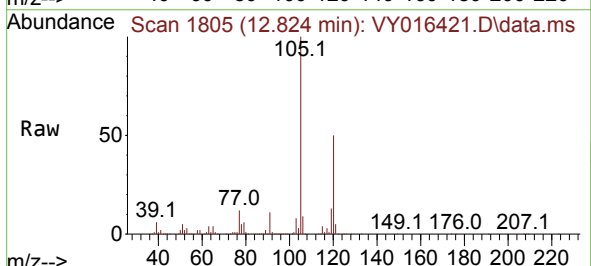
Acq: 20 Nov 2023 10:17

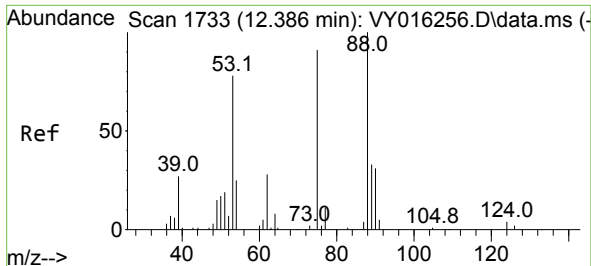
Tgt Ion:105 Resp: 323671

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

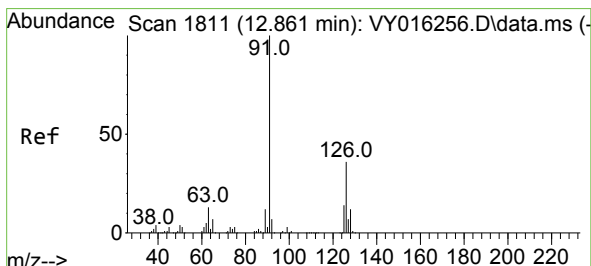
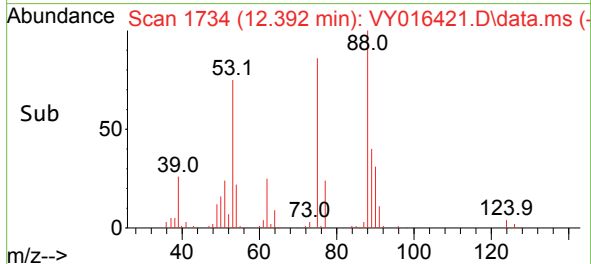
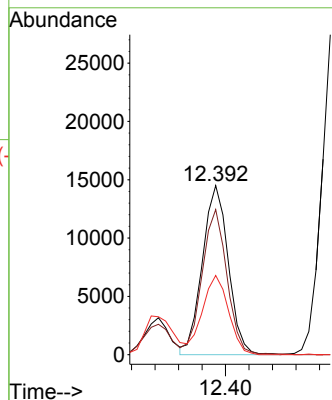
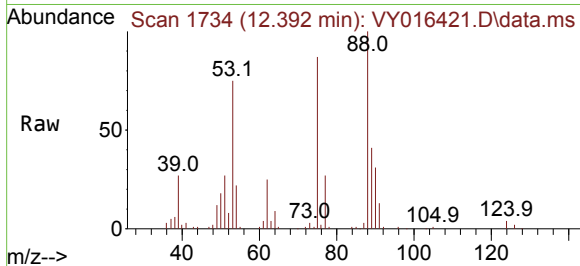




#81
trans-1,4-Dichloro-2-butene
Concen: 52.929 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

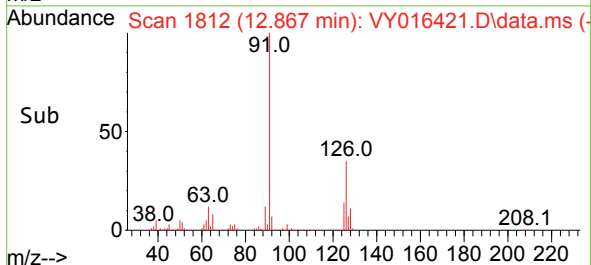
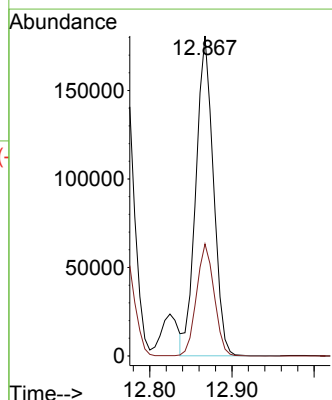
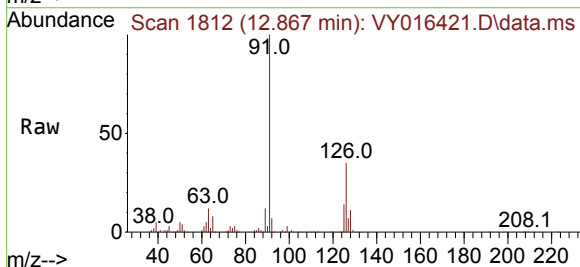
Instrument :
MSVOA_Y
ClientSampleId :

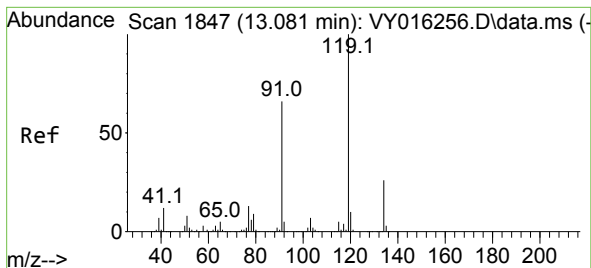
Tgt Ion: 75 Resp: 22247
Ion Ratio Lower Upper
75 100
53 83.0 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.368 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016421.D
Acq: 20 Nov 2023 10:17

Tgt Ion: 91 Resp: 266235
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.748 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

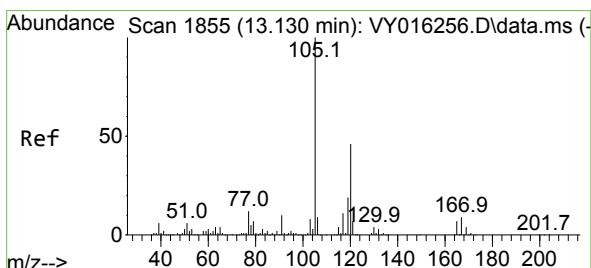
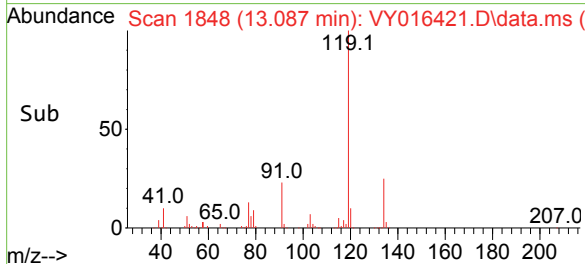
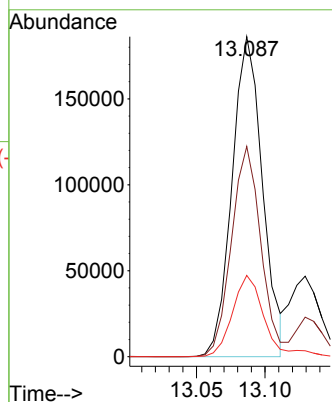
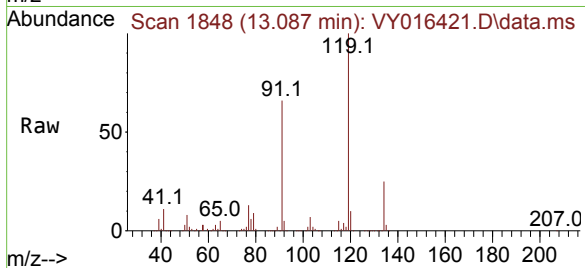
Tgt Ion:119 Resp: 288487

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.516 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016421.D

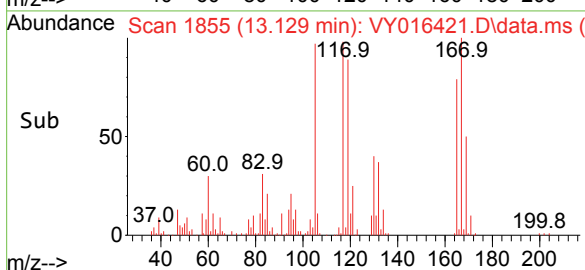
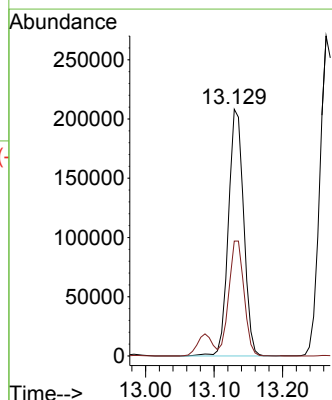
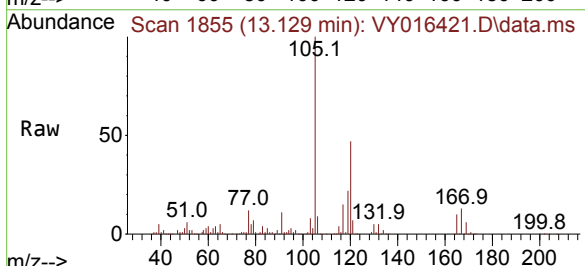
Acq: 20 Nov 2023 10:17

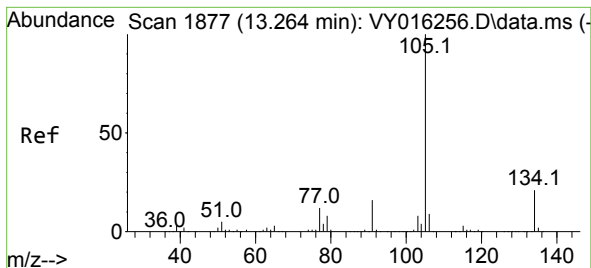
Tgt Ion:105 Resp: 321079

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.306 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

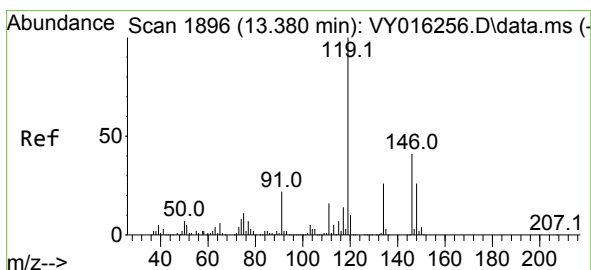
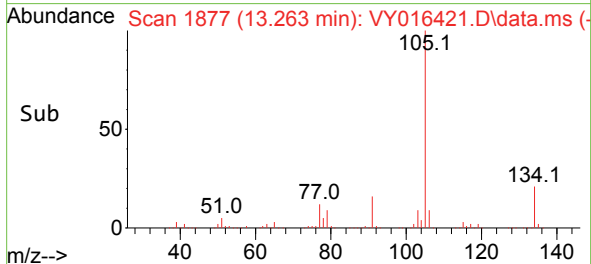
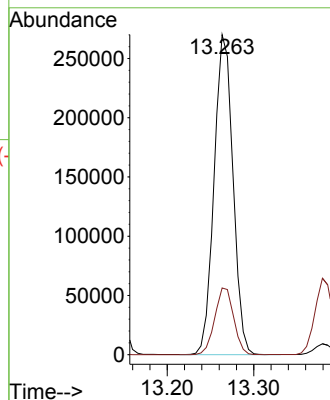
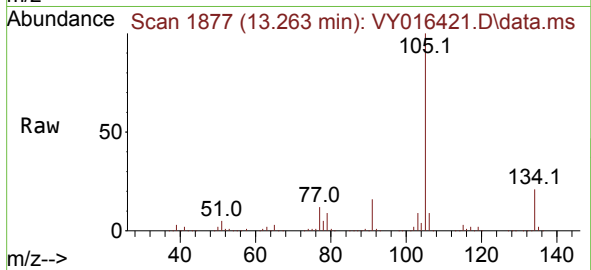
ClientSampleId :

Tgt Ion:105 Resp: 408690

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.487 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

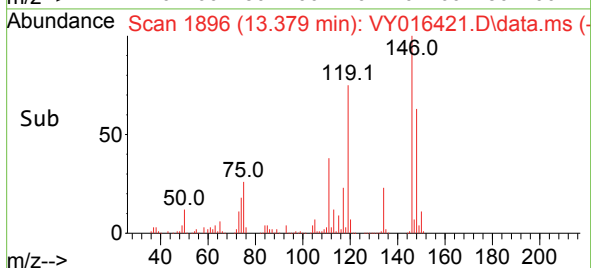
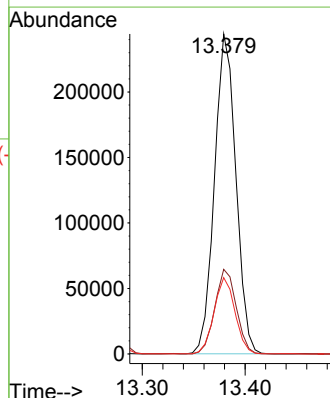
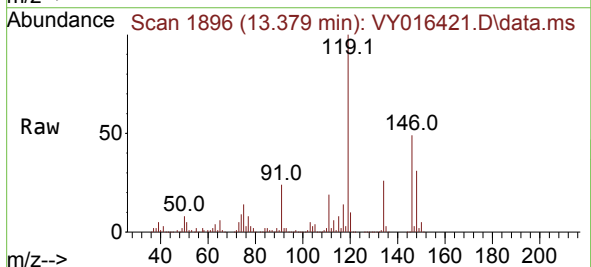
Tgt Ion:119 Resp: 353128

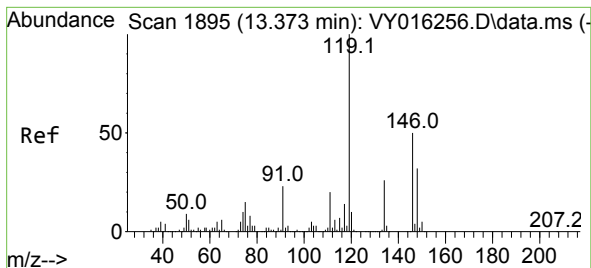
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.865 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

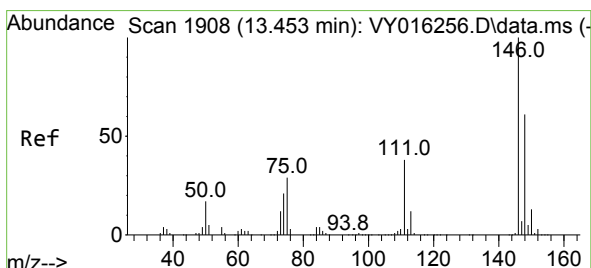
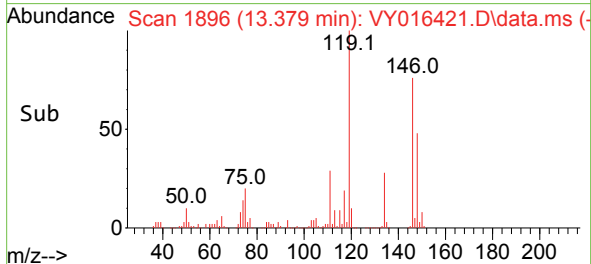
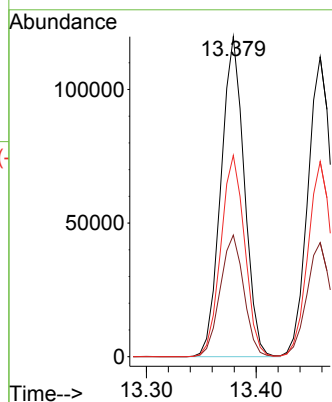
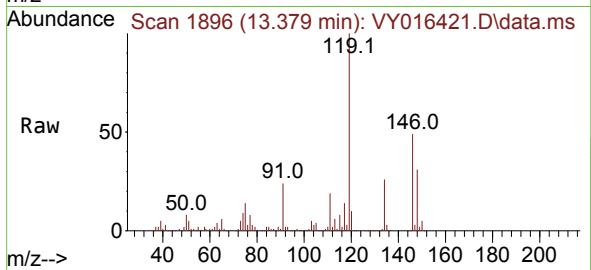
Tgt Ion:146 Resp: 177029

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.305 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

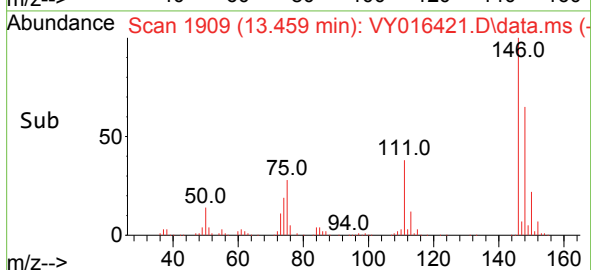
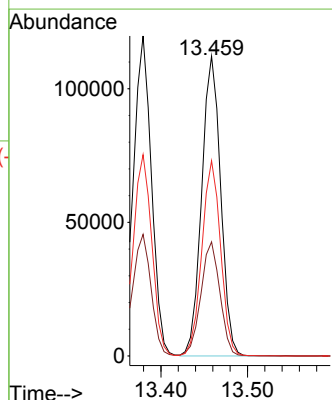
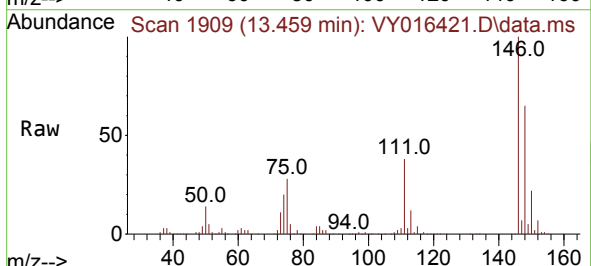
Tgt Ion:146 Resp: 171177

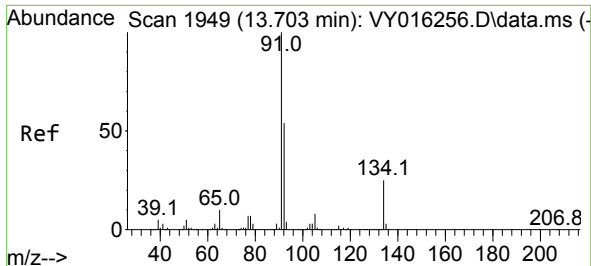
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 51.210 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

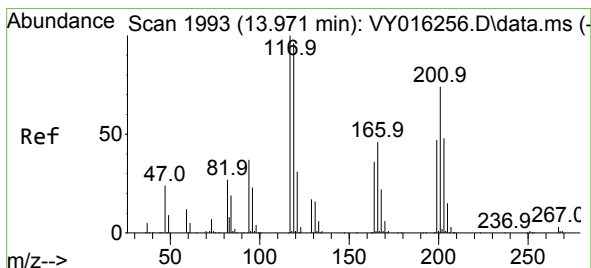
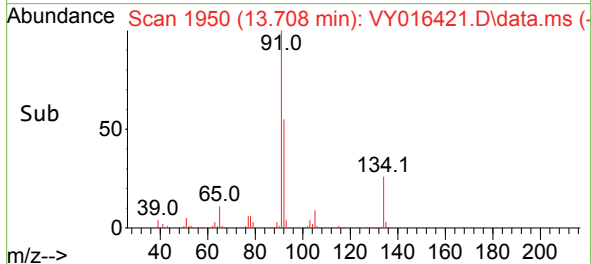
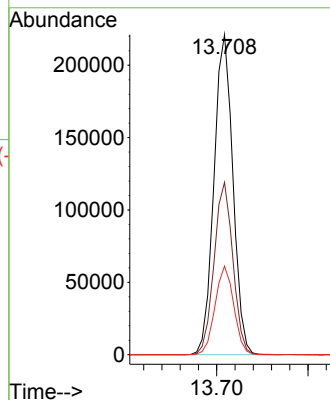
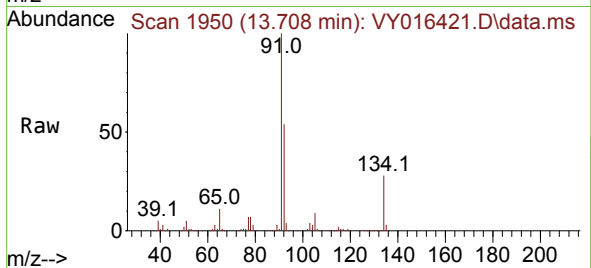
Tgt Ion: 91 Resp: 318185

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 27.4 12.6 37.6



#90

Hexachloroethane

Concen: 51.008 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016421.D

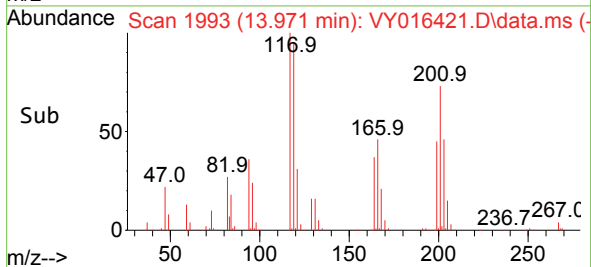
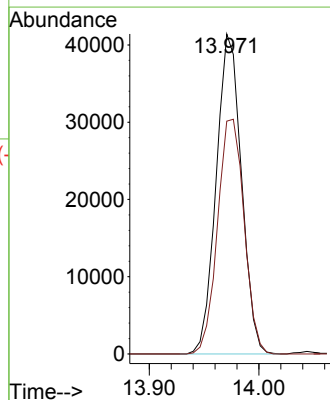
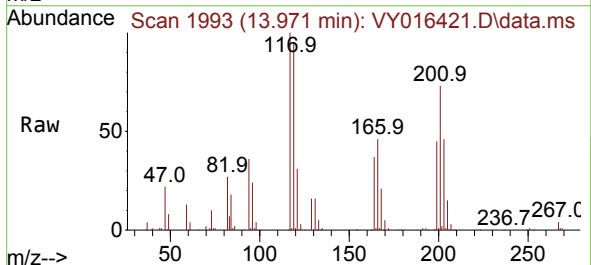
Acq: 20 Nov 2023 10:17

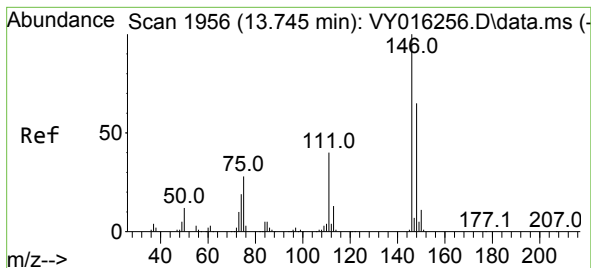
Tgt Ion: 117 Resp: 66201

Ion Ratio Lower Upper

117 100

201 77.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.165 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

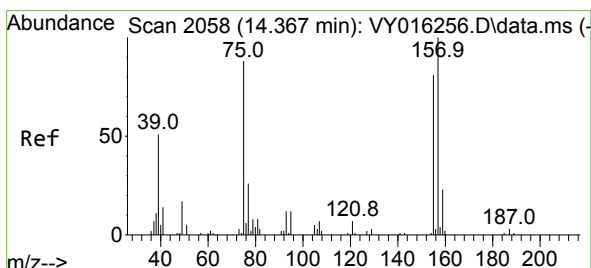
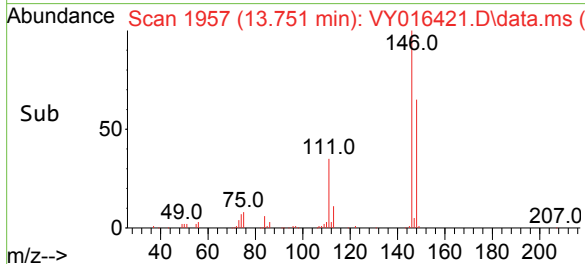
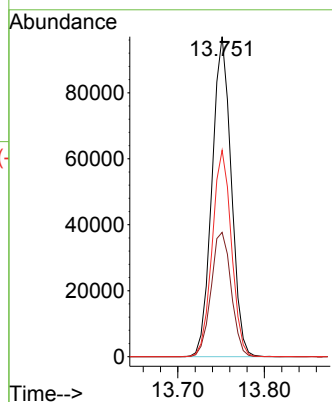
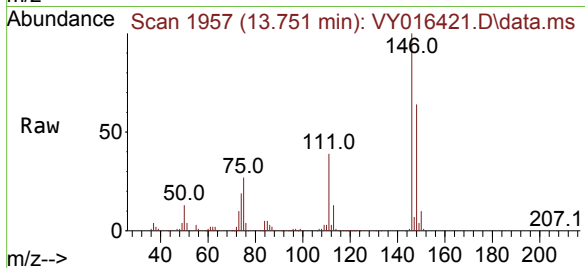
Tgt Ion:146 Resp: 149690

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.273 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

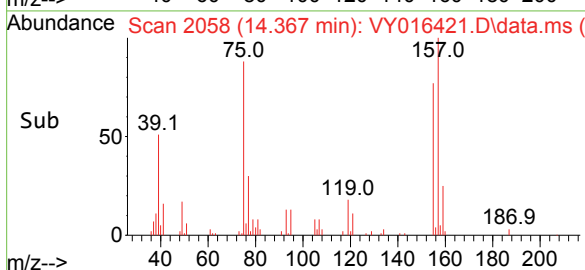
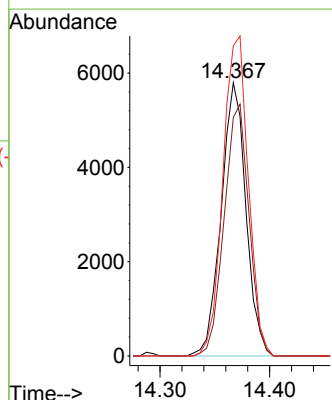
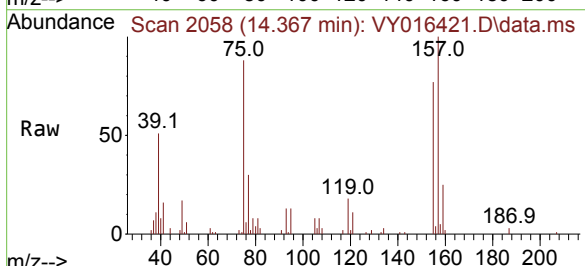
Tgt Ion: 75 Resp: 9098

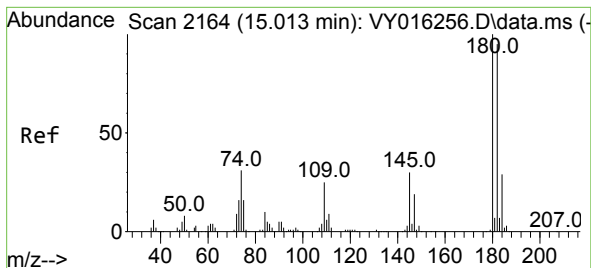
Ion Ratio Lower Upper

75 100

155 92.0 41.5 124.6

157 120.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.472 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

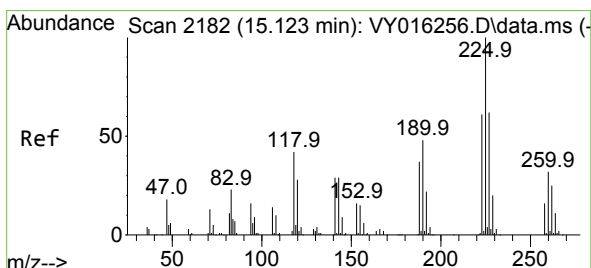
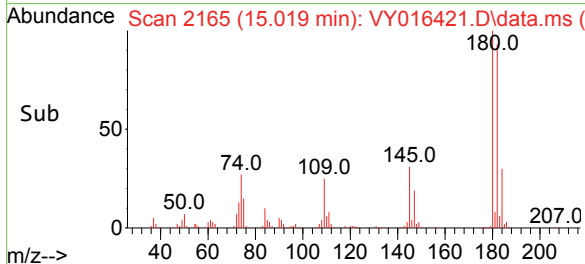
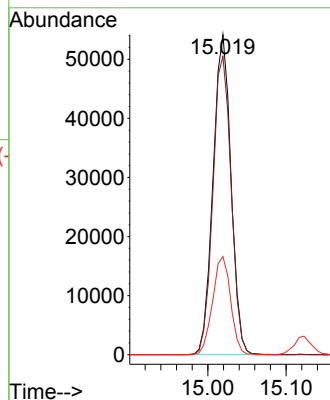
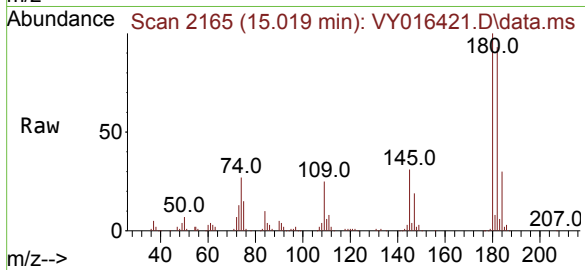
Tgt Ion:180 Resp: 86213

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.388 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

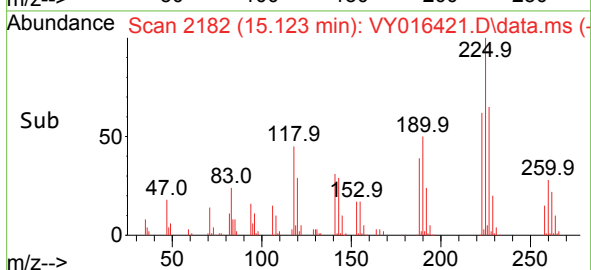
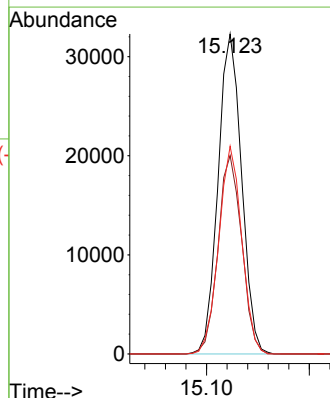
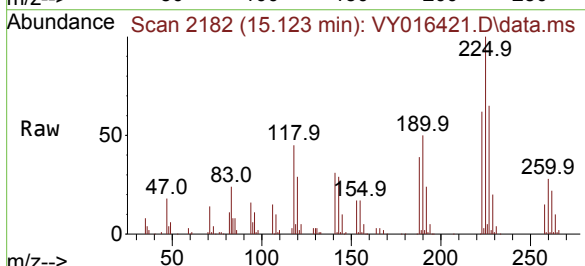
Tgt Ion:225 Resp: 51231

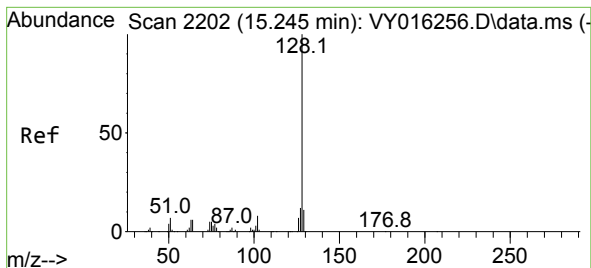
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 51.399 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Instrument :

MSVOA_Y

ClientSampleId :

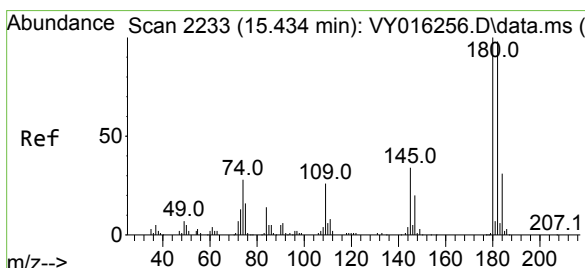
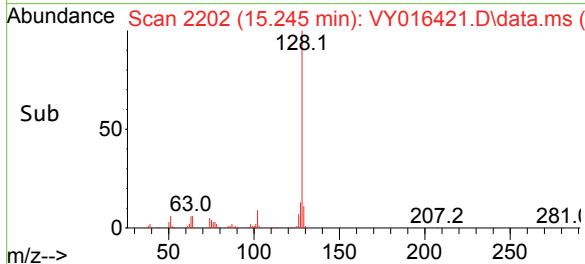
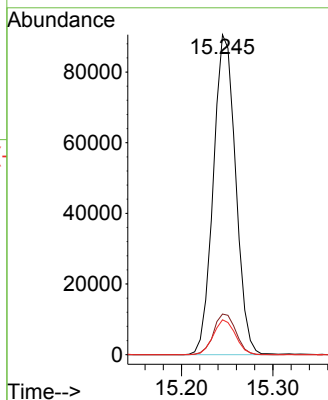
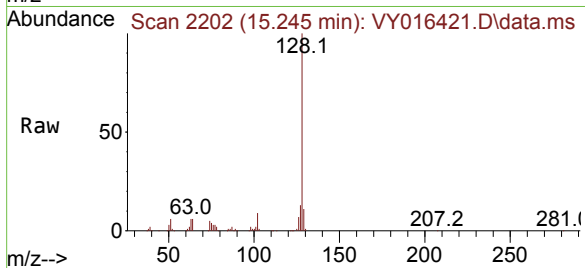
Tgt Ion:128 Resp: 153976

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.962 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016421.D

Acq: 20 Nov 2023 10:17

Tgt Ion:180 Resp: 70602

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 33.4 15.4 46.2

