

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016433.D
 Acq On : 21 Nov 2023 13:25
 Operator : SY/MD
 Sample : VY1121SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:11:51 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	7.807	168	152594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	245608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	209765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	96837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	67931	48.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.734	113	79351	56.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.197	98	309874	54.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.495	95	97558	53.090	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	19752	13.220	ug/l	96
3) Chloromethane	2.125	50	26884	15.363	ug/l	98
4) Vinyl Chloride	2.259	62	29703	15.786	ug/l	98
5) Bromomethane	2.662	94	19748	15.970	ug/l	99
6) Chloroethane	2.808	64	20069	16.715	ug/l	95
7) Trichlorofluoromethane	3.143	101	52458	19.162	ug/l	98
8) Diethyl Ether	3.540	74	14306	17.485	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.918	101	31667	19.206	ug/l	96
10) Methyl Iodide	4.113	142	33253	18.673	ug/l	99
11) Tert butyl alcohol	4.966	59	8231	75.367	ug/l #	90
12) 1,1-Dichloroethene	3.893	96	28709	18.618	ug/l	87
13) Acrolein	3.747	56	8859	67.252	ug/l	99
14) Allyl chloride	4.497	41	38586	17.633	ug/l #	89
15) Acrylonitrile	5.180	53	26132	80.481	ug/l	95
16) Acetone	3.960	43	25619	111.053	ug/l #	79
17) Carbon Disulfide	4.216	76	72999	15.690	ug/l	100
18) Methyl Acetate	4.491	43	18050	14.725	ug/l #	84
19) Methyl tert-butyl Ether	5.247	73	62567	16.764	ug/l	99
20) Methylene Chloride	4.741	84	60833	36.380	ug/l #	85
21) trans-1,2-Dichloroethene	5.241	96	34122	19.219	ug/l	92
22) Diisopropyl ether	6.131	45	85176	18.062	ug/l	91
23) Vinyl Acetate	6.082	43	180122	78.826	ug/l #	92
24) 1,1-Dichloroethane	6.039	63	57714	19.838	ug/l	97
25) 2-Butanone	7.003	43	35267	87.280	ug/l	90
26) 2,2-Dichloropropane	7.009	77	54700	20.658	ug/l	95
27) cis-1,2-Dichloroethene	7.003	96	38104	19.914	ug/l	90
28) Bromochloromethane	7.356	49	19593	18.197	ug/l #	79
29) Tetrahydrofuran	7.368	42	17999	67.393	ug/l #	82
30) Chloroform	7.527	83	63058	20.823	ug/l	94
31) Cyclohexane	7.807	56	45508	16.574	ug/l #	79
32) 1,1,1-Trichloroethane	7.722	97	59290	21.359	ug/l	96
36) 1,1-Dichloropropene	7.935	75	46306	19.114	ug/l	98
37) Ethyl Acetate	7.094	43	13768	14.065	ug/l #	92
38) Carbon Tetrachloride	7.917	117	53090	21.115	ug/l	95
39) Methylcyclohexane	9.203	83	52805	17.492	ug/l	93
40) Benzene	8.179	78	137438	20.192	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	7216	14.620	ug/l	93
42) 1,2-Dichloroethane	8.252	62	33008	18.716	ug/l	91
43) Isopropyl Acetate	8.289	43	26823	14.176	ug/l #	83
44) Trichloroethene	8.959	130	40052	20.475	ug/l	93
45) 1,2-Dichloropropane	9.234	63	32360	19.796	ug/l	95
46) Dibromomethane	9.325	93	15911	17.962	ug/l	99
47) Bromodichloromethane	9.514	83	45888	20.150	ug/l	94
48) Methyl methacrylate	9.307	41	14445	13.813	ug/l #	82
49) 1,4-Dioxane	9.313	88	2847	302.735	ug/l #	69
51) 4-Methyl-2-Pentanone	10.081	43	67405	70.448	ug/l #	87
52) Toluene	10.258	92	88899	20.662	ug/l	92
53) t-1,3-Dichloropropene	10.477	75	40887	18.520	ug/l	96
54) cis-1,3-Dichloropropene	9.947	75	50426	19.123	ug/l #	85
55) 1,1,2-Trichloroethane	10.660	97	23053	18.882	ug/l	95
56) Ethyl methacrylate	10.526	69	18139	15.738	ug/l #	78
57) 1,3-Dichloropropane	10.807	76	38573	18.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	63196	80.866	ug/l	92
59) 2-Hexanone	10.843	43	54119	76.042	ug/l	86
60) Dibromochloromethane	11.002	129	30458	19.947	ug/l	100
61) 1,2-Dibromoethane	11.105	107	21066	18.111	ug/l	98
64) Tetrachloroethene	10.734	164	38051	20.202	ug/l	97
65) Chlorobenzene	11.532	112	94746	21.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	36103	21.841	ug/l	99
67) Ethyl Benzene	11.605	91	170637	21.186	ug/l	100
68) m/p-Xylenes	11.715	106	129765	42.477	ug/l	94
69) o-Xylene	12.044	106	60190	21.221	ug/l	95
70) Styrene	12.056	104	85952	21.163	ug/l	98
71) Bromoform	12.221	173	16395	19.115	ug/l #	97
73) Isopropylbenzene	12.343	105	168494	21.487	ug/l	99
74) N-amyl acetate	12.154	43	21713	13.785	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	21764	17.296	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	28626	30.816	ug/l #	100
77) Bromobenzene	12.623	156	36488	20.588	ug/l	91
78) n-propylbenzene	12.684	91	197008	21.259	ug/l	99
79) 2-Chlorotoluene	12.770	91	108191	21.184	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	135623	21.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	7264	16.973	ug/l	87
82) 4-Chlorotoluene	12.867	91	110153	20.873	ug/l	97
83) tert-Butylbenzene	13.087	119	120449	21.629	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	132650	21.308	ug/l	98
85) sec-Butylbenzene	13.264	105	172274	21.654	ug/l	100
86) p-Isopropyltoluene	13.379	119	149466	21.818	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	71335	20.921	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	69654	20.903	ug/l	99
89) n-Butylbenzene	13.709	91	132785	20.989	ug/l	97
90) Hexachloroethane	13.971	117	28628	21.664	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	58927	20.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	2861	14.291	ug/l	89
93) 1,2,4-Trichlorobenzene	15.019	180	32347	18.967	ug/l	98
94) Hexachlorobutadiene	15.123	225	22246	22.768	ug/l	96
95) Naphthalene	15.251	128	47220	15.481	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	24766	17.557	ug/l	98

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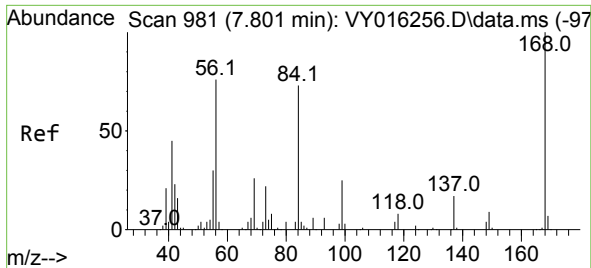
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY016433.D

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Instrument :

MSVOA_Y

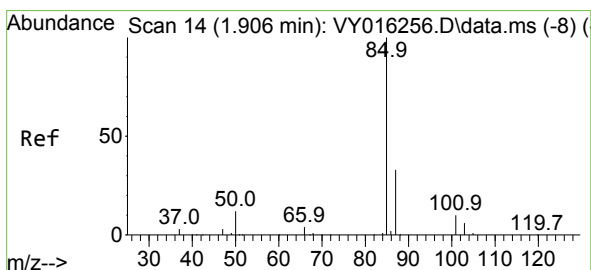
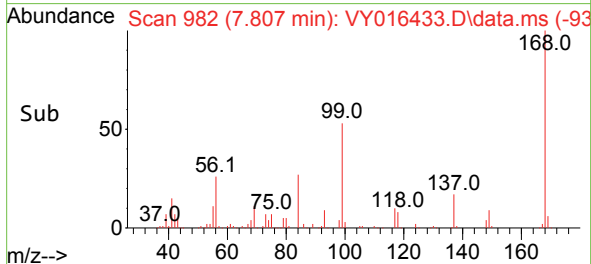
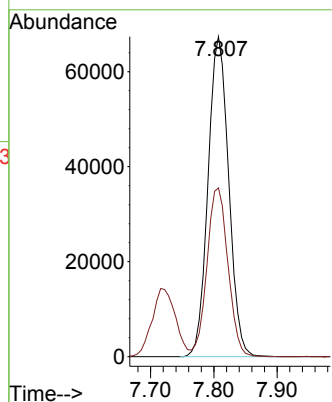
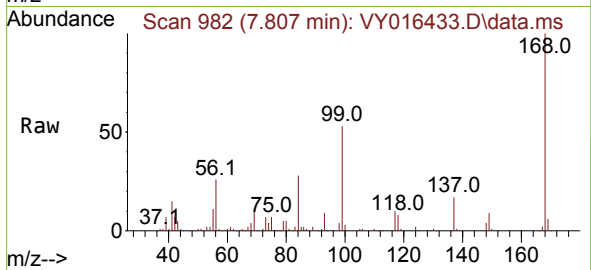
ClientSampleId :

Tgt Ion:168 Resp: 152594

Ion Ratio Lower Upper

168 100

99 52.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 13.220 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY016433.D

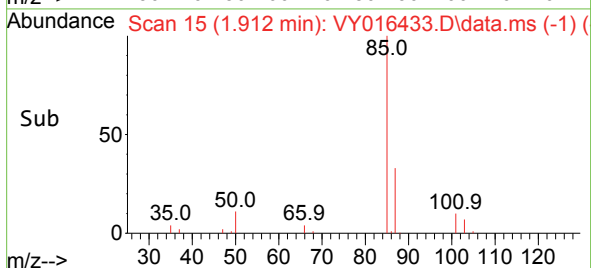
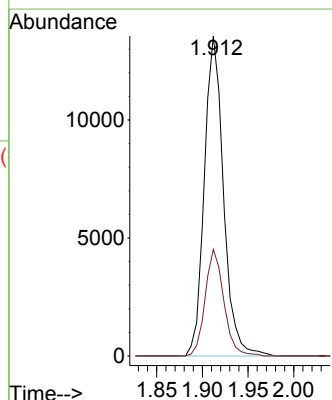
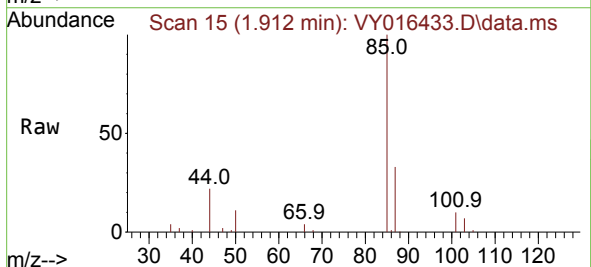
Acq: 21 Nov 2023 13:25

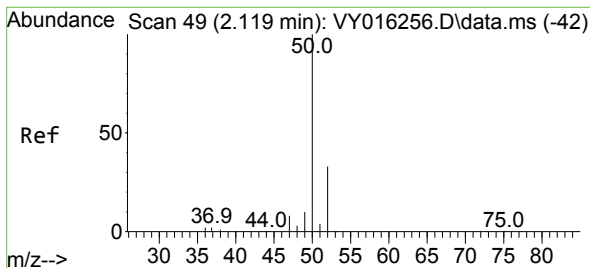
Tgt Ion: 85 Resp: 19752

Ion Ratio Lower Upper

85 100

87 33.4 15.6 46.8





#3

Chloromethane

Concen: 15.363 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

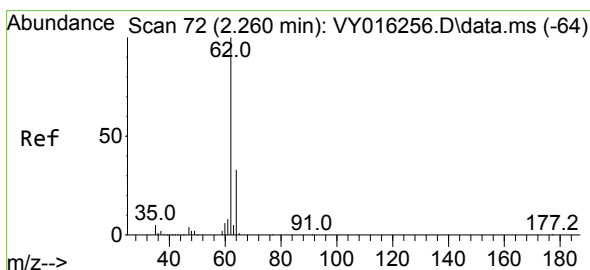
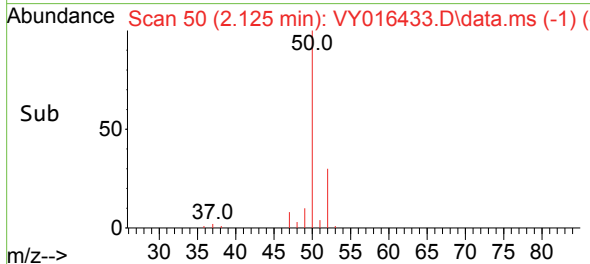
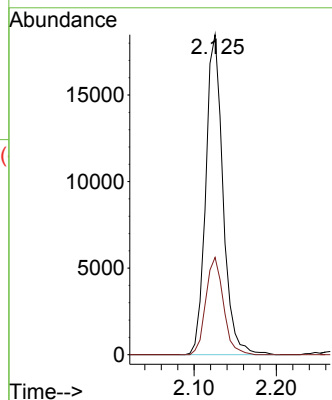
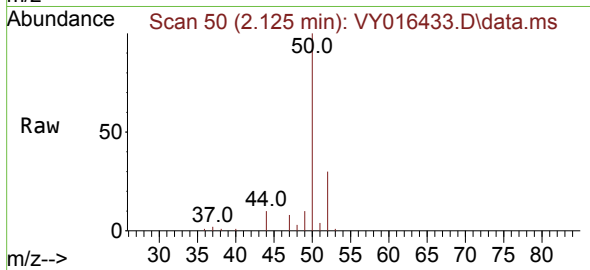
ClientSampleId :

Tgt Ion: 50 Resp: 26884

Ion Ratio Lower Upper

50 100

52 30.4 25.4 38.2



#4

Vinyl Chloride

Concen: 15.786 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016433.D

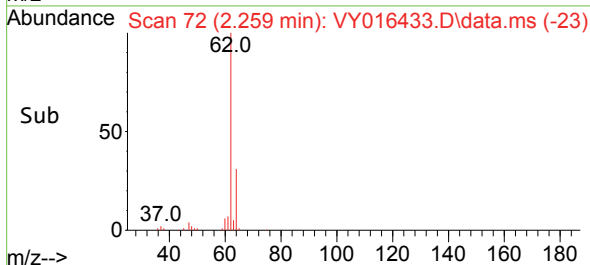
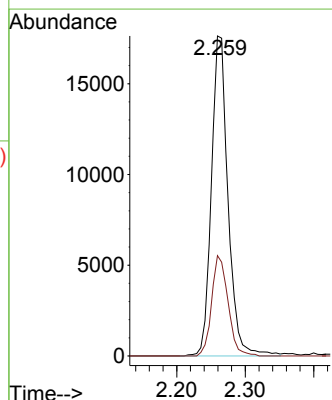
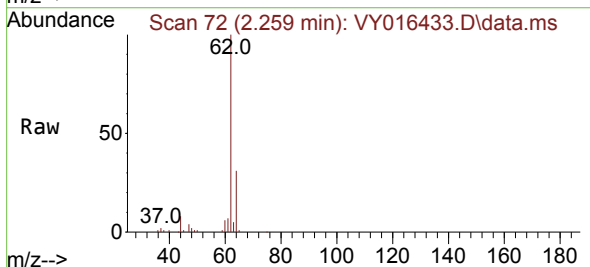
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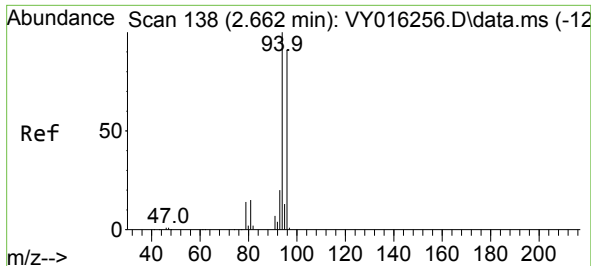
Tgt Ion: 62 Resp: 29703

Ion Ratio Lower Upper

62 100

64 31.4 24.3 36.5

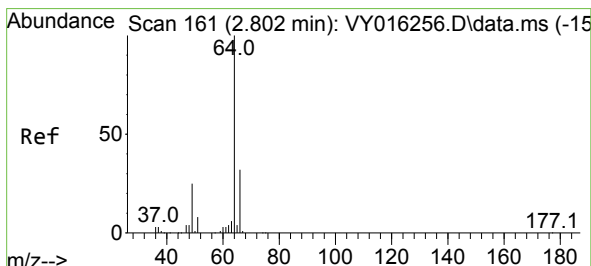
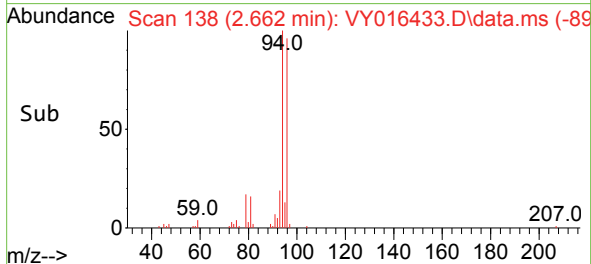
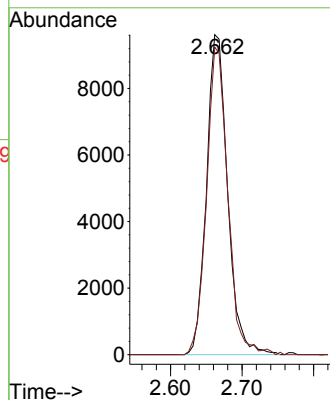
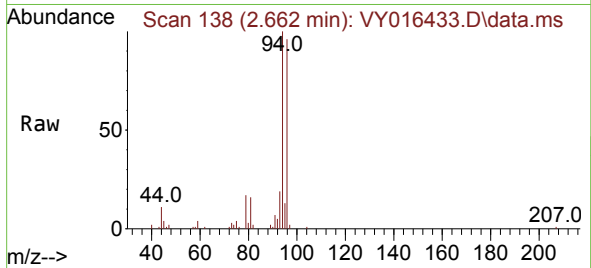




#5
Bromomethane
Concen: 15.970 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016433.D
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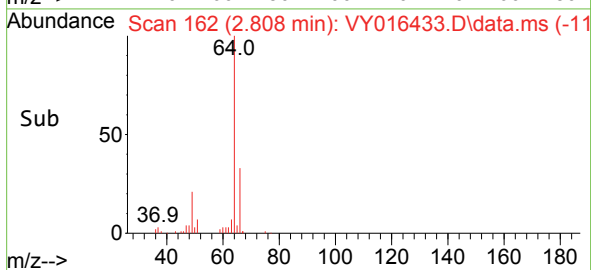
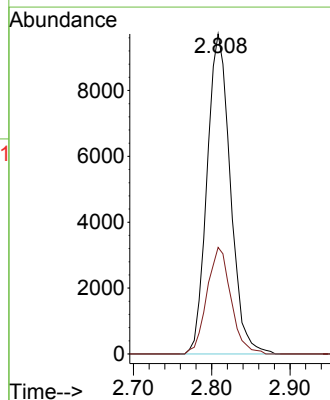
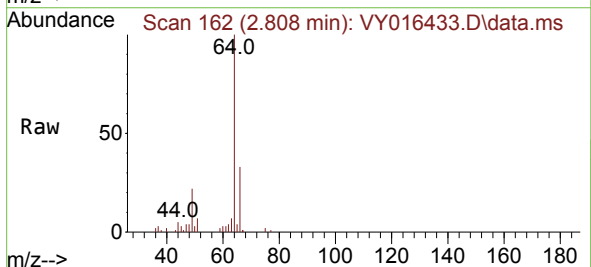
Instrument :
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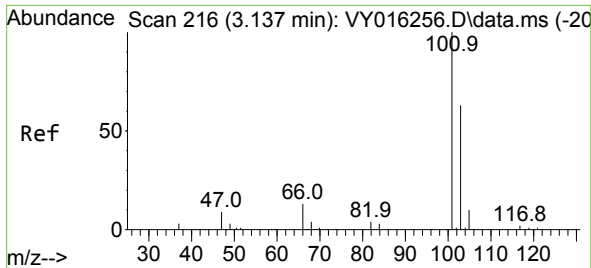
Tgt Ion: 94 Resp: 19748
Ion Ratio Lower Upper
94 100
96 96.1 75.8 113.6



#6
Chloroethane
Concen: 16.715 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 64 Resp: 20069
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

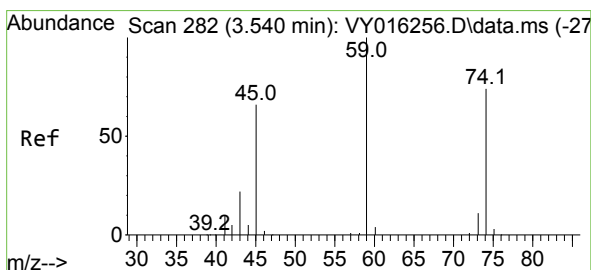
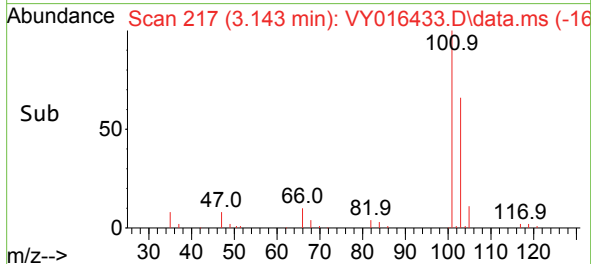
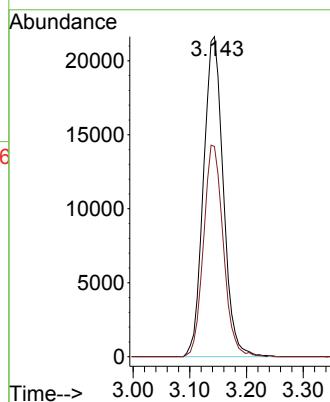
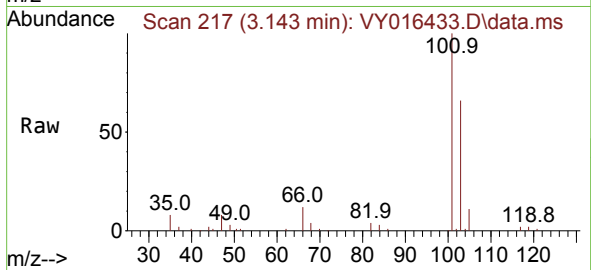




#7
 Trichlorofluoromethane
 Concen: 19.162 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016433.D
 Acq: 21 Nov 2023 13:25

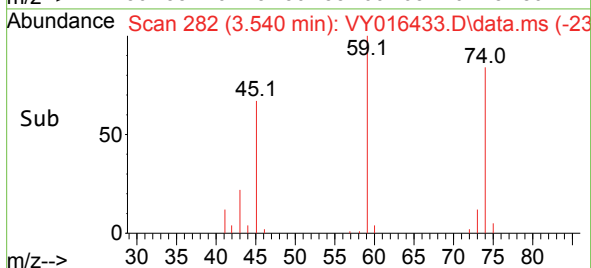
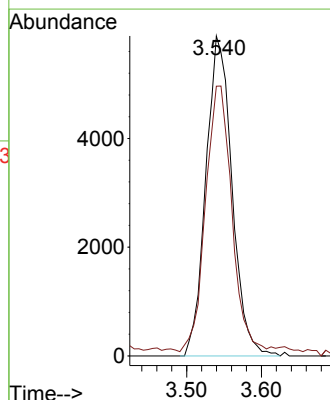
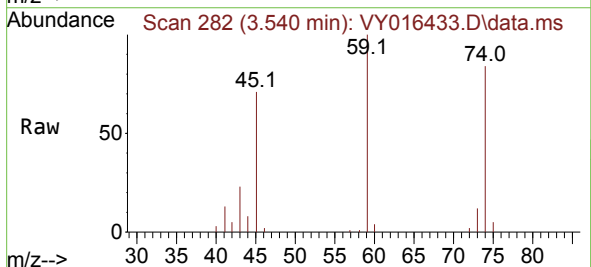
Instrument :
 MSVOA_Y
 ClientSampleId :

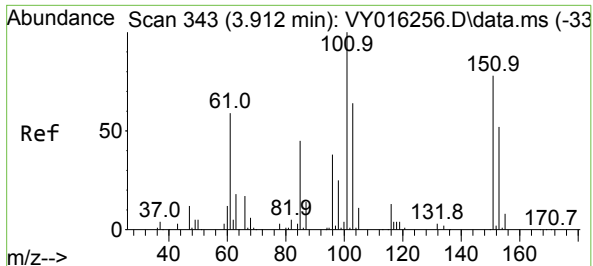
Tgt Ion:101 Resp: 52458
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 17.485 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016433.D
 Acq: 21 Nov 2023 13:25

Tgt Ion: 74 Resp: 14306
 Ion Ratio Lower Upper
 74 100
 45 83.4 51.5 154.5

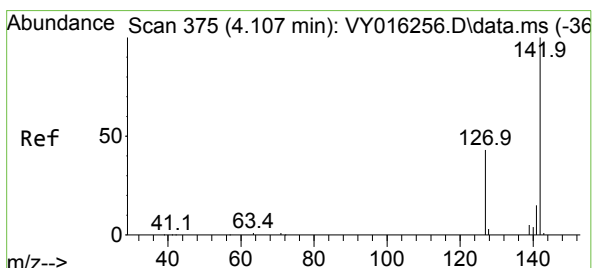
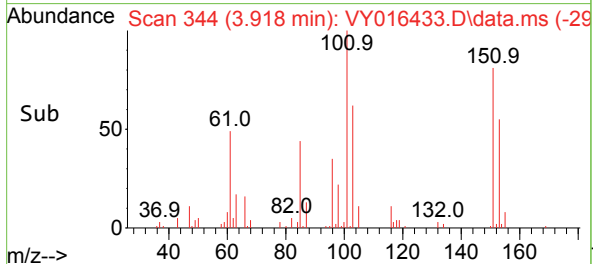
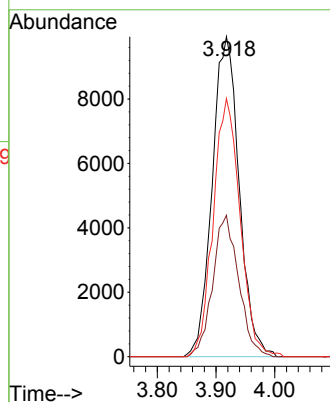
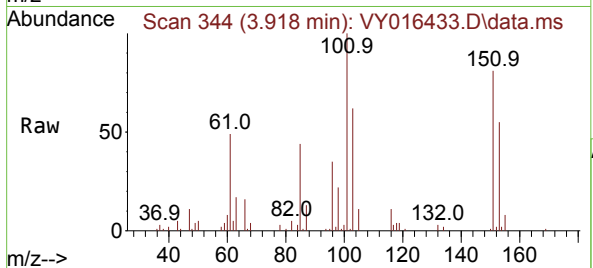




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.206 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016433.D
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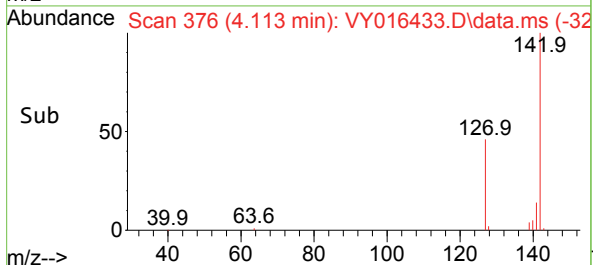
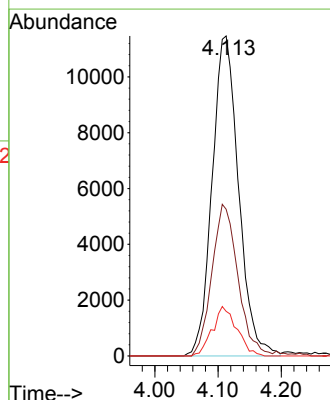
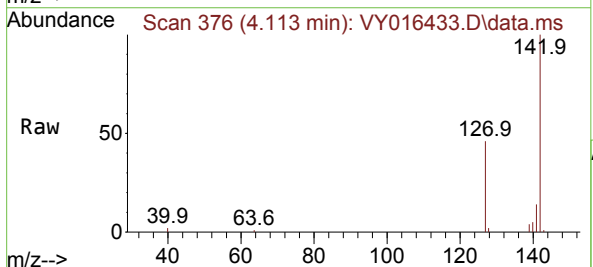
Instrument :
MSVOA_Y
ClientSampleId :

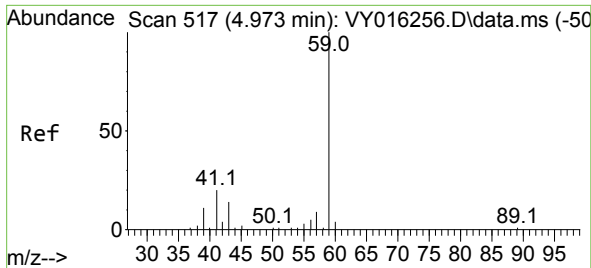
Tgt Ion:101 Resp: 31667
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.673 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion:142 Resp: 33253
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 14.3 11.8 17.8

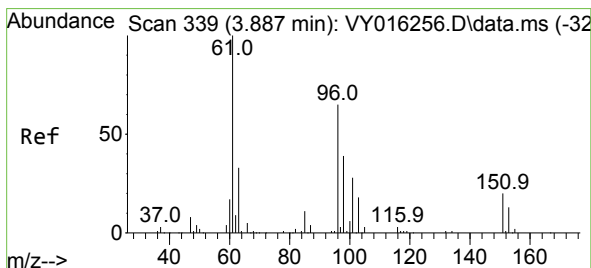
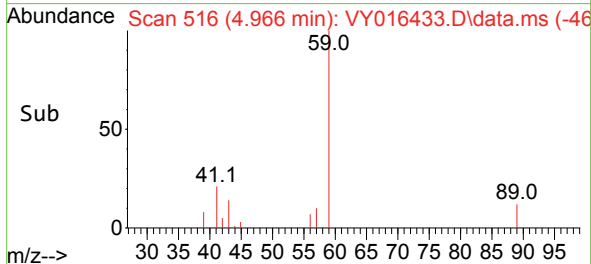
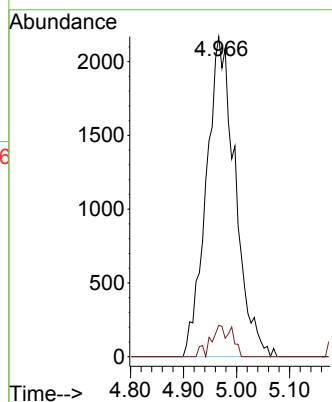
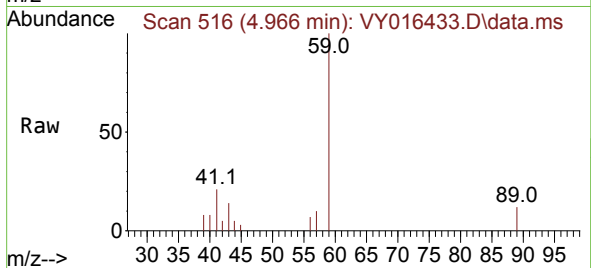




#11
Tert butyl alcohol
Concen: 75.367 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

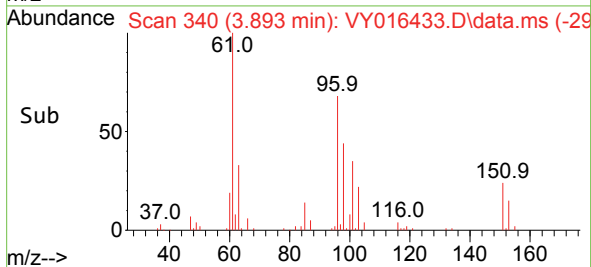
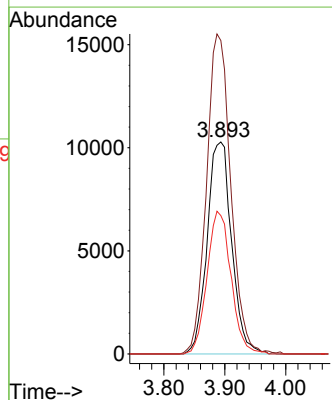
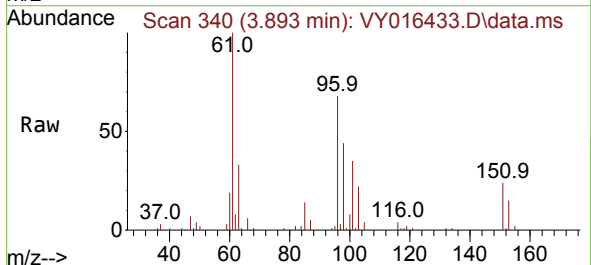
Instrument :
MSVOA_Y
ClientSampleId :

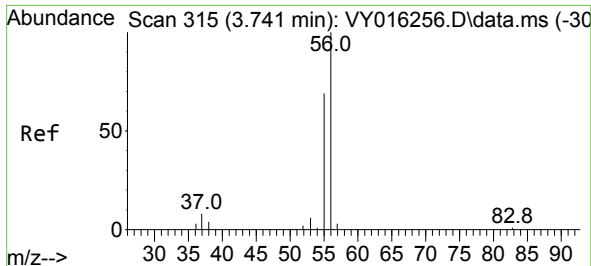
Tgt Ion: 59 Resp: 8231
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.618 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 96 Resp: 28709
Ion Ratio Lower Upper
96 100
61 147.9 136.4 204.6
98 65.3 49.4 74.2





#13

Acrolein

Concen: 67.252 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

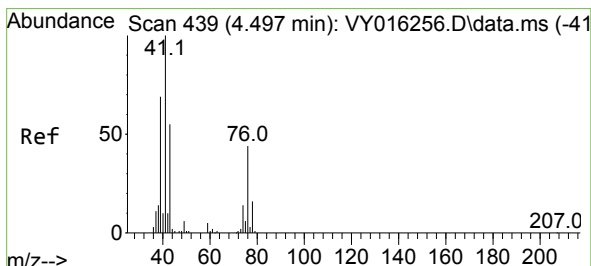
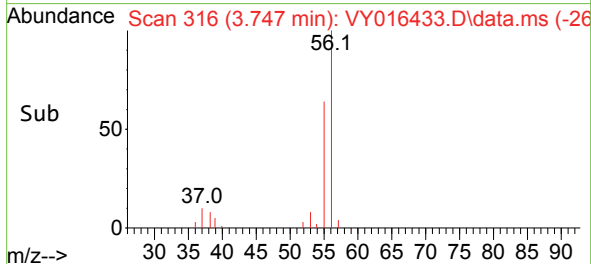
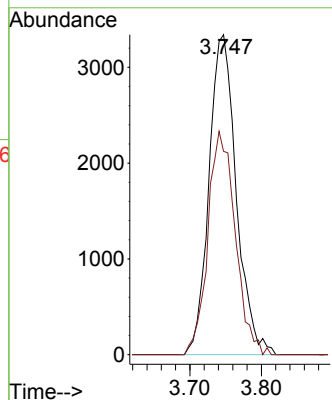
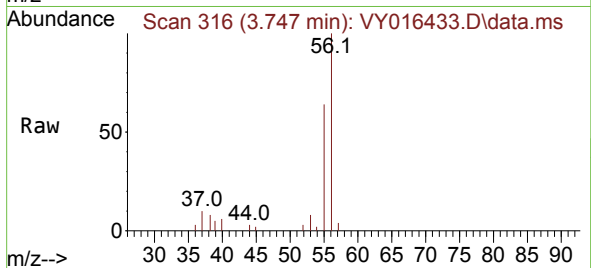
ClientSampleId :

Tgt Ion: 56 Resp: 8859

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 17.633 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

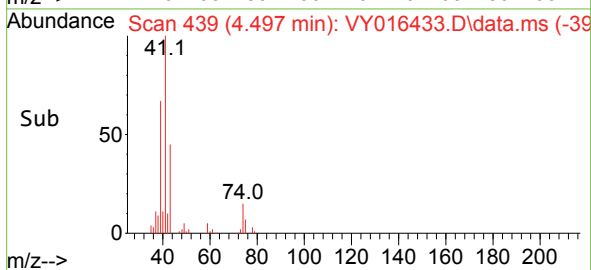
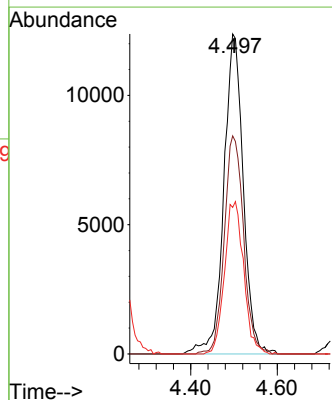
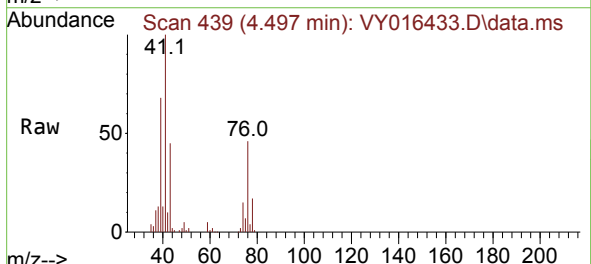
Tgt Ion: 41 Resp: 38586

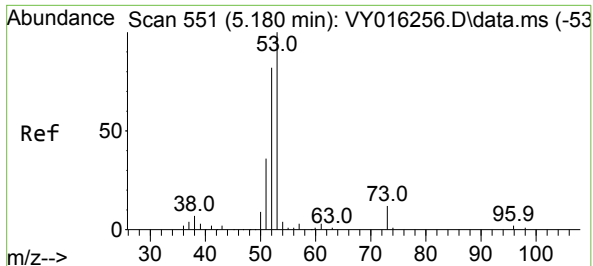
Ion Ratio Lower Upper

41 100

39 67.8 58.0 87.0

76 47.0 27.4 41.2#

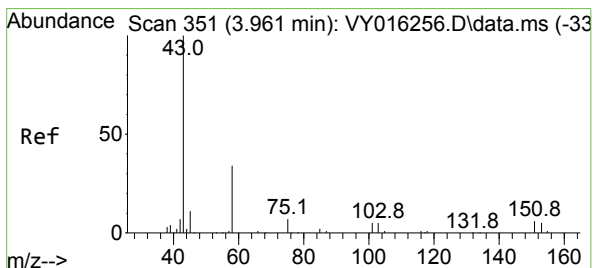
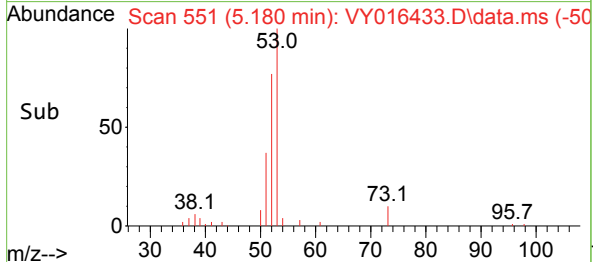
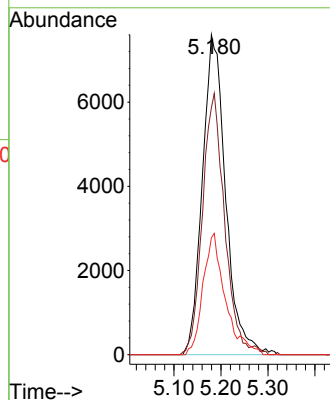
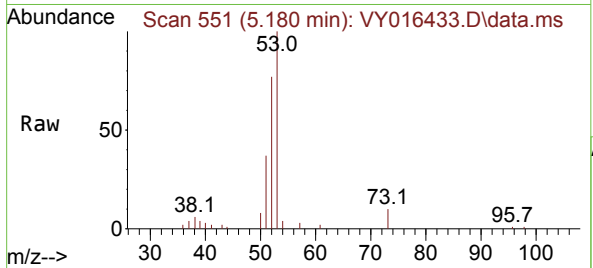




#15
Acrylonitrile
Concen: 80.481 ug/l
RT: 5.180 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

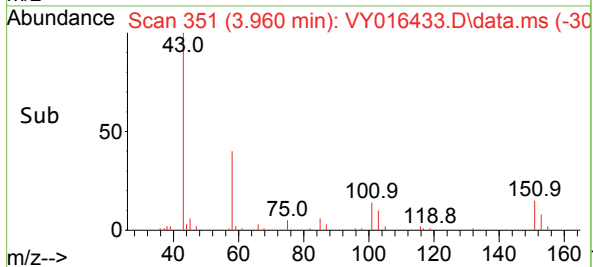
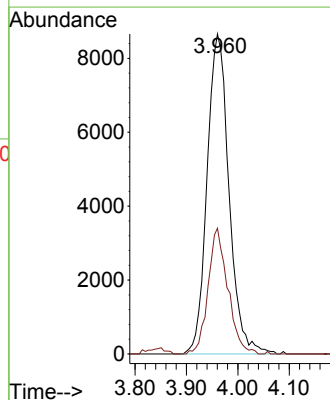
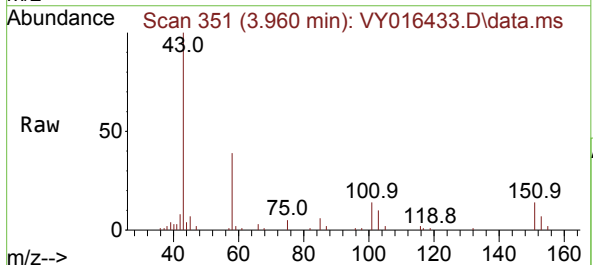
Instrument :
MSVOA_Y
ClientSampleId :

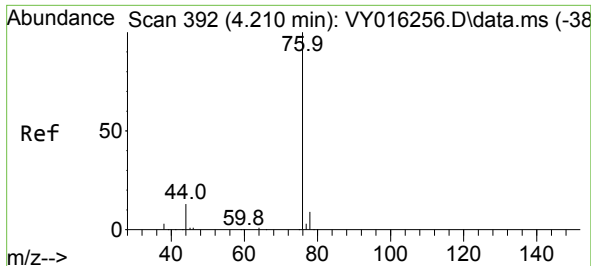
Tgt Ion: 53 Resp: 26132
Ion Ratio Lower Upper
53 100
52 77.9 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 111.053 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 43 Resp: 25619
Ion Ratio Lower Upper
43 100
58 39.3 22.7 34.1#





#17

Carbon Disulfide

Concen: 15.690 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

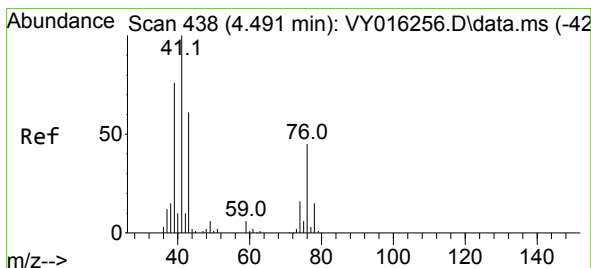
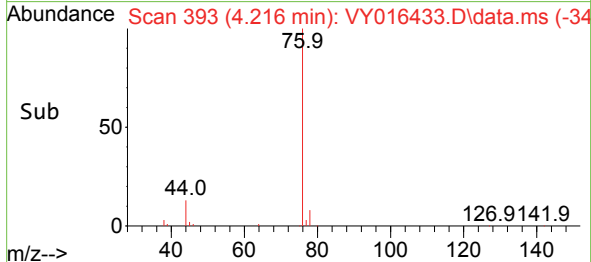
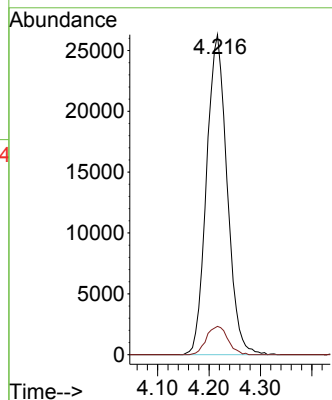
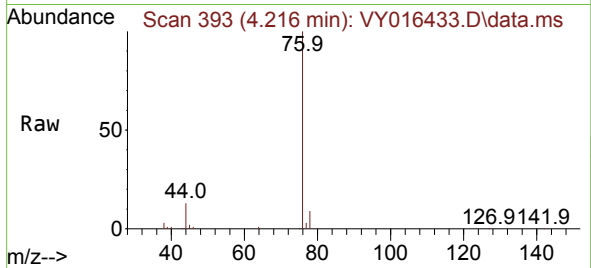
ClientSampleId :

Tgt Ion: 76 Resp: 72999

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 14.725 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016433.D

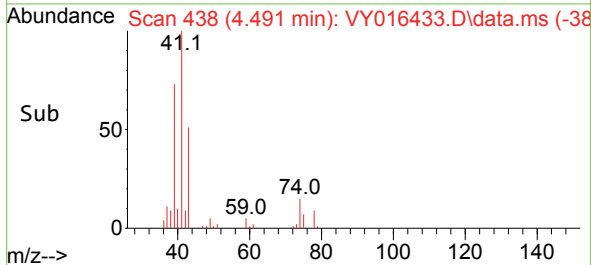
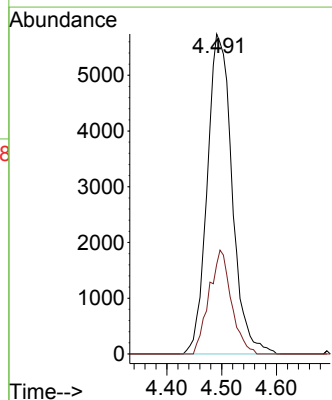
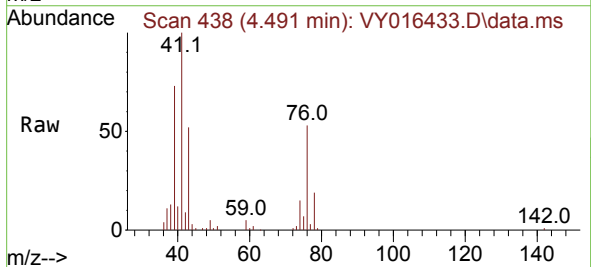
Acq: 21 Nov 2023 13:25

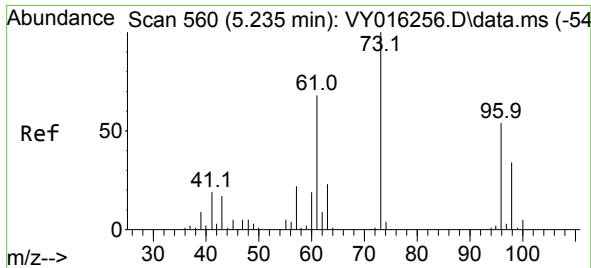
Tgt Ion: 43 Resp: 18050

Ion Ratio Lower Upper

43 100

74 29.1 17.4 26.0#

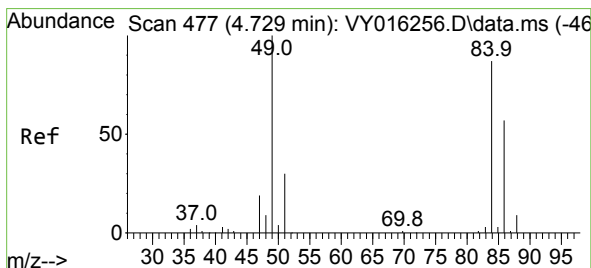
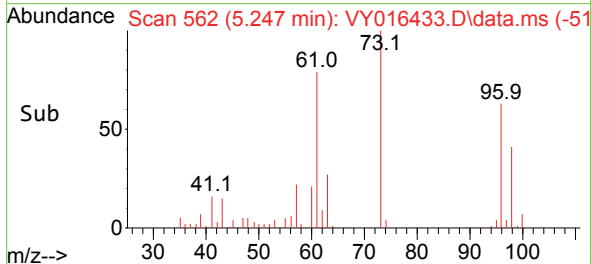
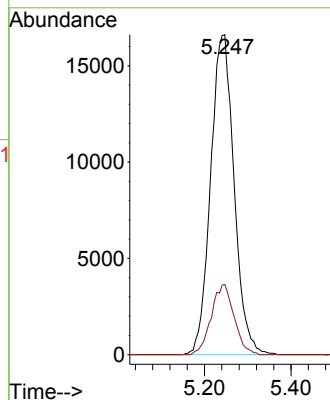
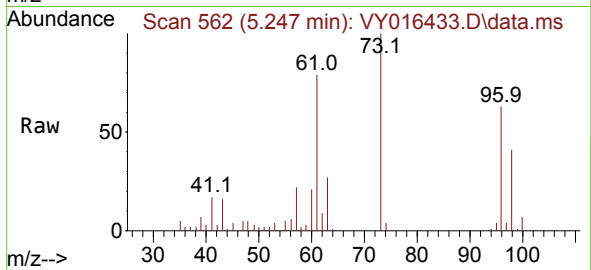




#19
Methyl tert-butyl Ether
Concen: 16.764 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

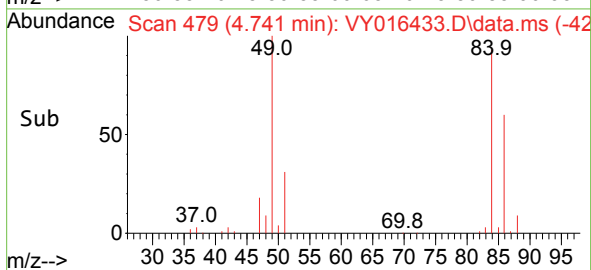
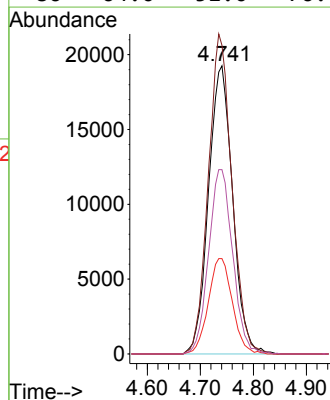
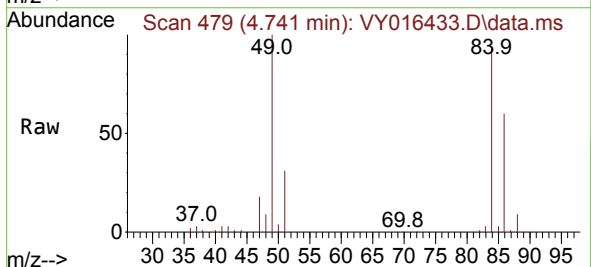
Instrument :
MSVOA_Y
ClientSampleId :

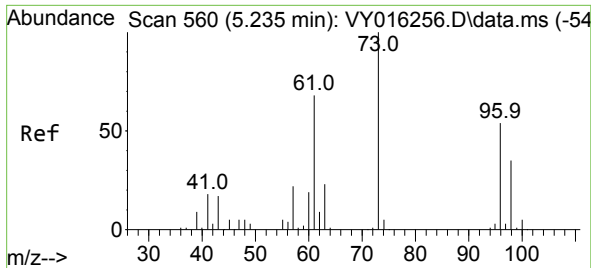
Tgt Ion: 73 Resp: 62567
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 36.380 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 84 Resp: 60833
Ion Ratio Lower Upper
84 100
49 107.1 106.9 160.3
51 33.1 33.2 49.8#
86 64.0 51.0 76.6

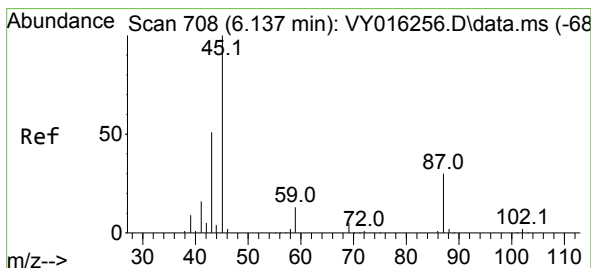
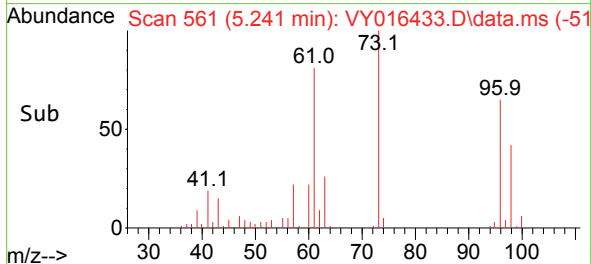
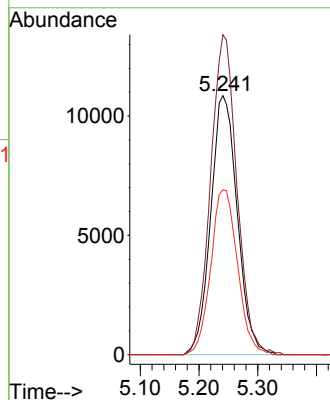
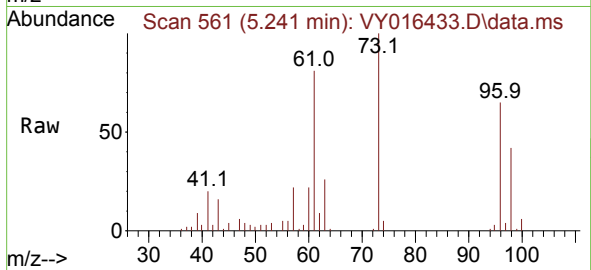




#21
trans-1,2-Dichloroethene
Concen: 19.219 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

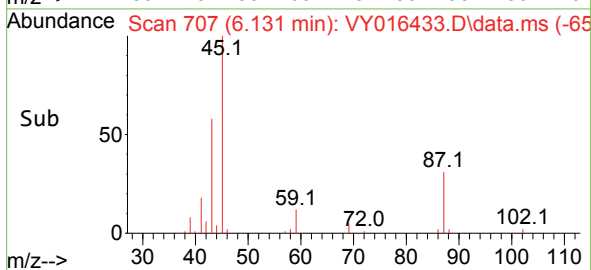
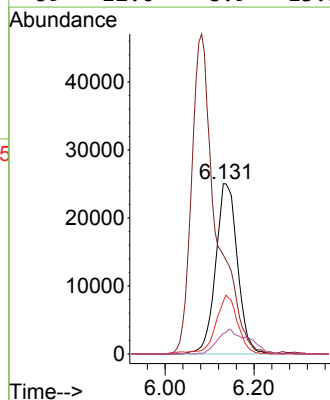
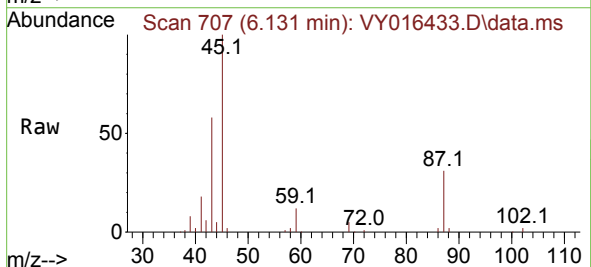
Instrument :
MSVOA_Y
ClientSampleId :

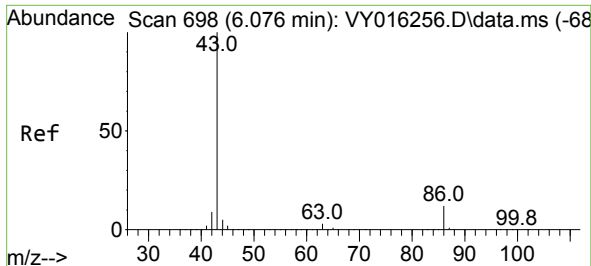
Tgt Ion: 96 Resp: 34122
Ion Ratio Lower Upper
96 100
61 123.6 110.2 165.4
98 63.7 51.8 77.6



#22
Diisopropyl ether
Concen: 18.062 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 45 Resp: 85176
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 30.9 21.0 31.6
59 12.0 8.9 13.3

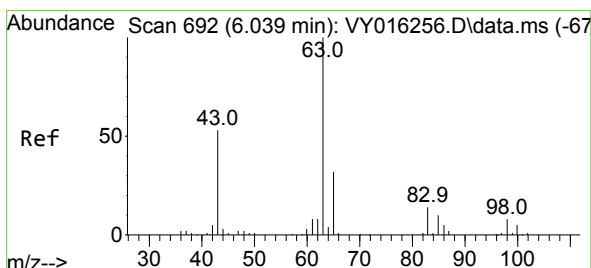
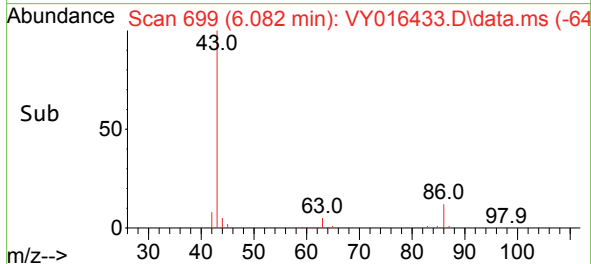
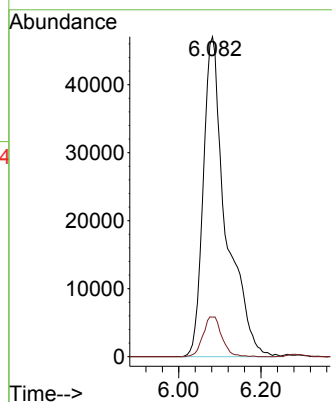
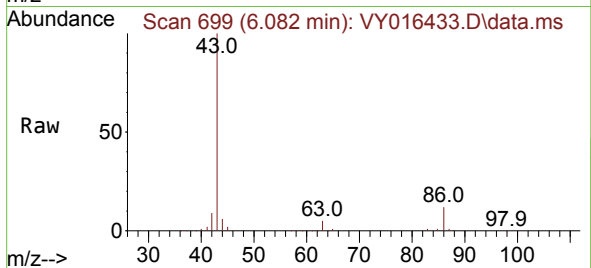




#23
 Vinyl Acetate
 Concen: 78.826 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016433.D
 Acq: 21 Nov 2023 13:25

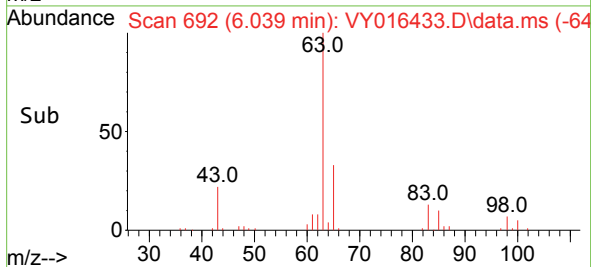
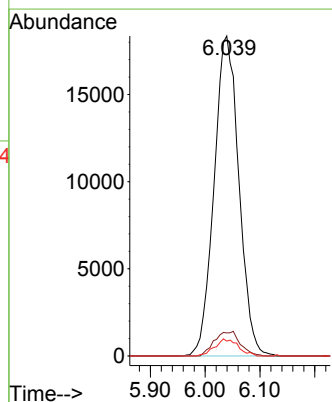
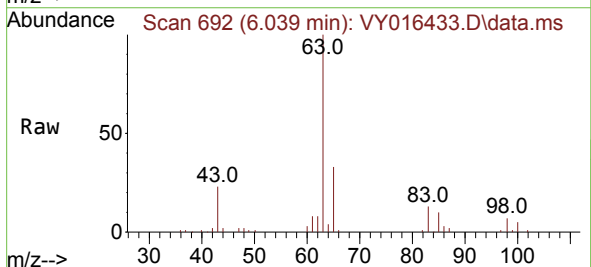
Instrument :
 MSVOA_Y
 ClientSampleId :

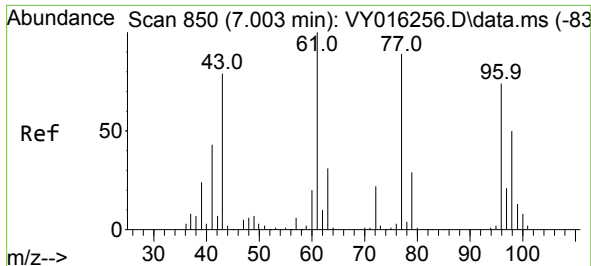
Tgt Ion: 43 Resp: 180122
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.838 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016433.D
 Acq: 21 Nov 2023 13:25

Tgt Ion: 63 Resp: 57714
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 87.280 ug/l

RT: 7.003 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

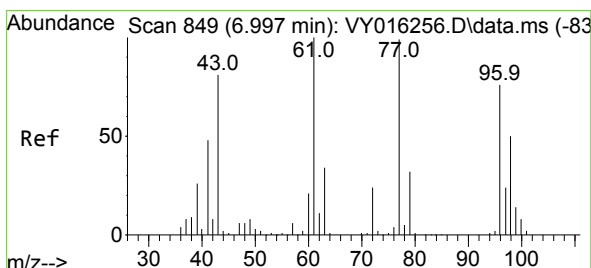
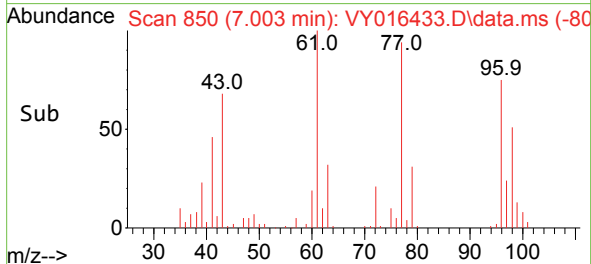
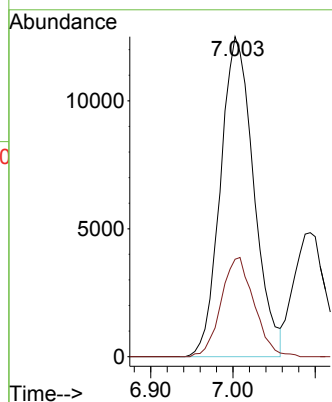
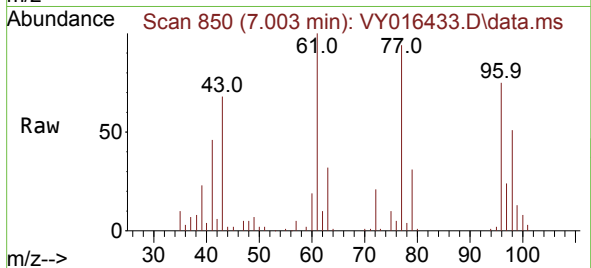
ClientSampleId :

Tgt Ion: 43 Resp: 35267

Ion Ratio Lower Upper

43 100

72 30.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.658 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016433.D

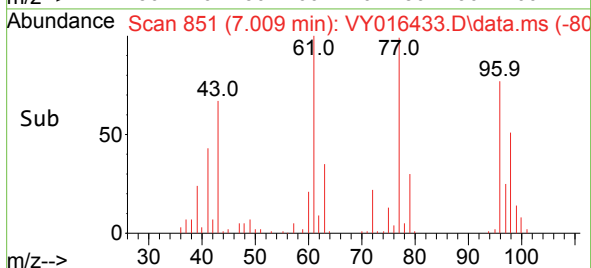
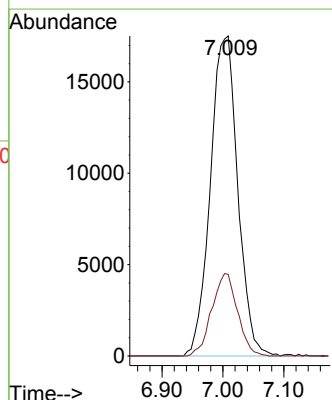
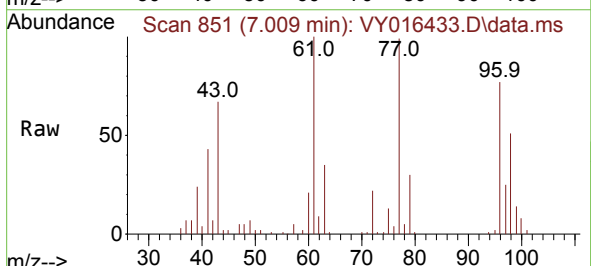
Acq: 21 Nov 2023 13:25

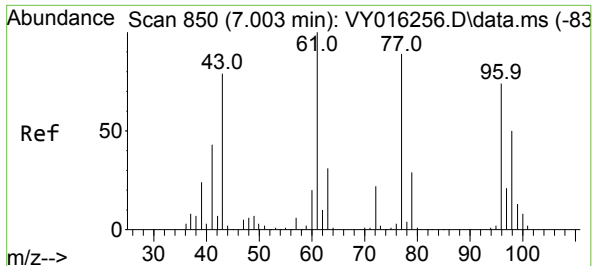
Tgt Ion: 77 Resp: 54700

Ion Ratio Lower Upper

77 100

97 24.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.914 ug/l

RT: 7.003 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

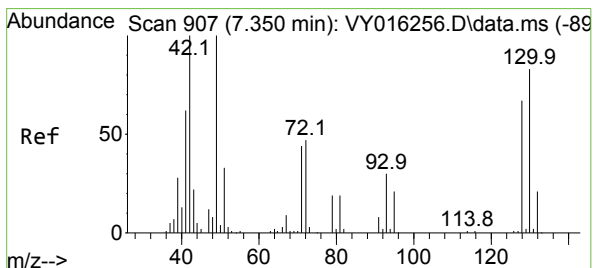
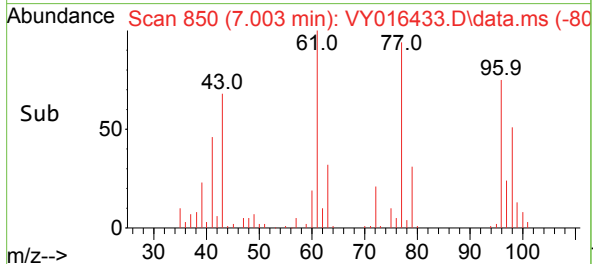
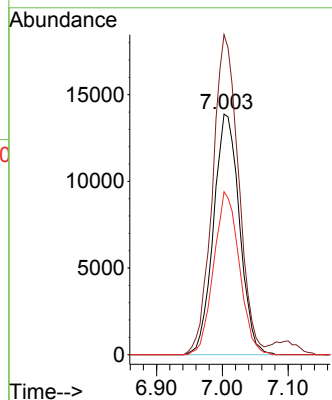
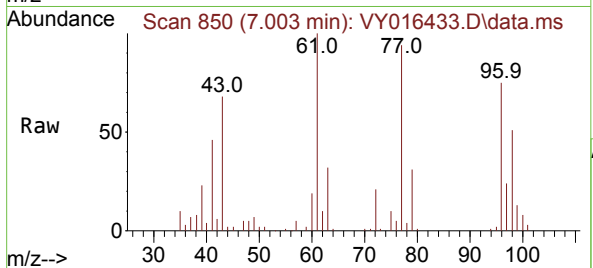
Tgt Ion: 96 Resp: 38104

Ion Ratio Lower Upper

96 100

61 133.3 0.0 301.4

98 66.7 0.0 130.4



#28

Bromochloromethane

Concen: 18.197 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

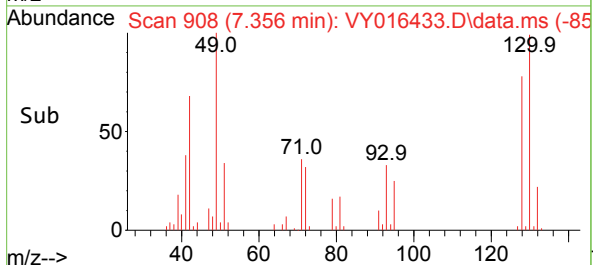
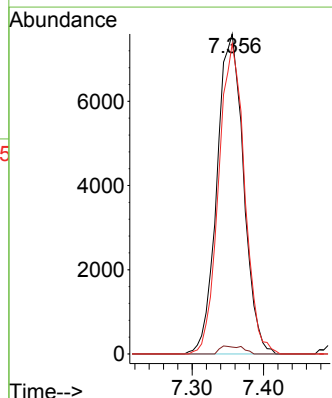
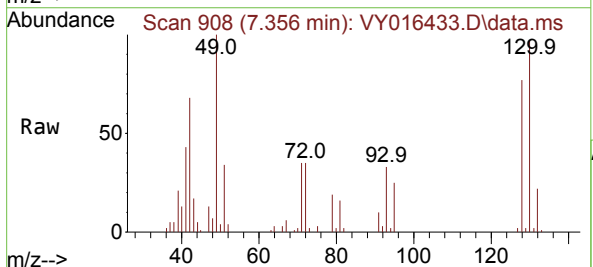
Tgt Ion: 49 Resp: 19593

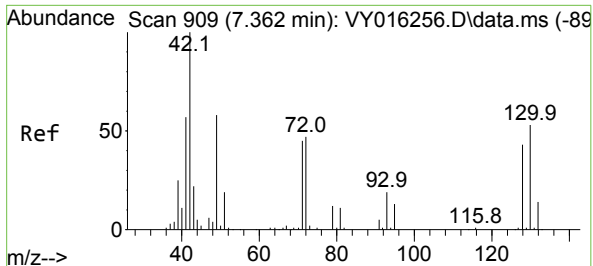
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 94.6 60.7 91.1#





#29

Tetrahydrofuran

Concen: 67.393 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

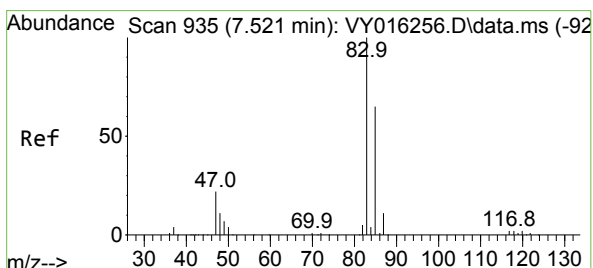
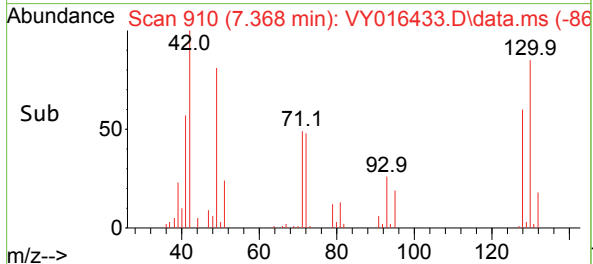
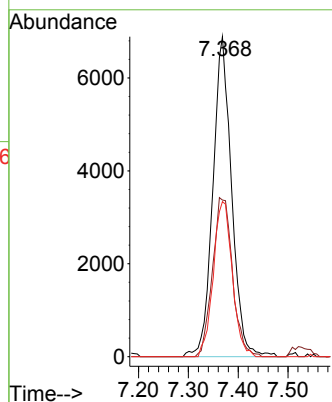
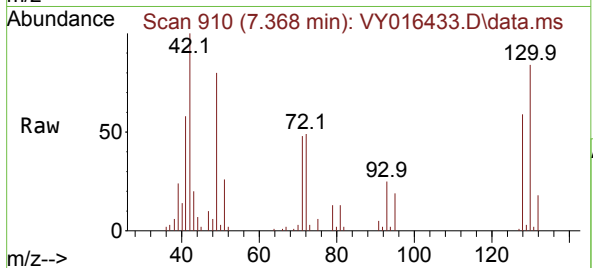
Tgt Ion: 42 Resp: 17999

Ion Ratio Lower Upper

42 100

72 53.0 32.8 49.2#

71 49.0 31.0 46.4#



#30

Chloroform

Concen: 20.823 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016433.D

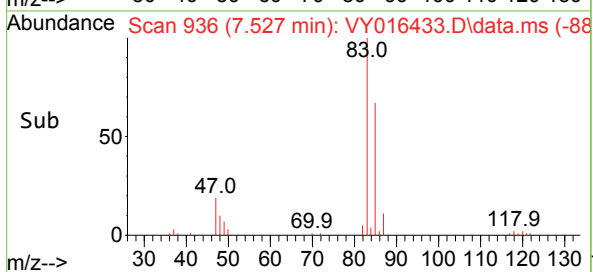
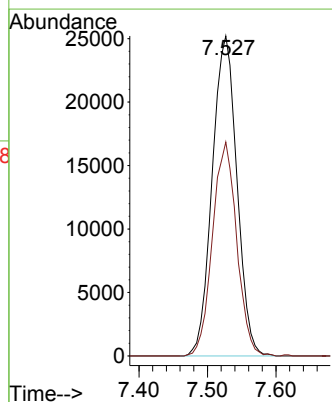
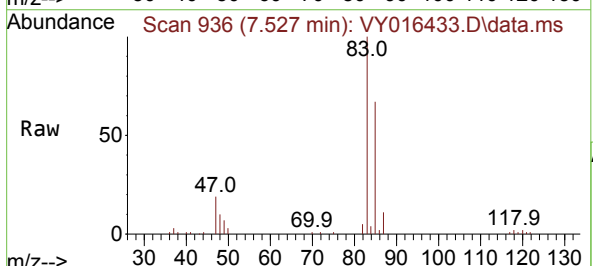
Acq: 21 Nov 2023 13:25

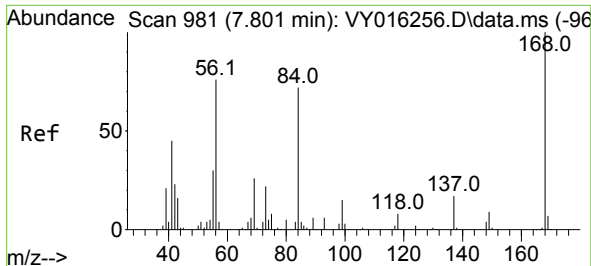
Tgt Ion: 83 Resp: 63058

Ion Ratio Lower Upper

83 100

85 66.9 49.7 74.5

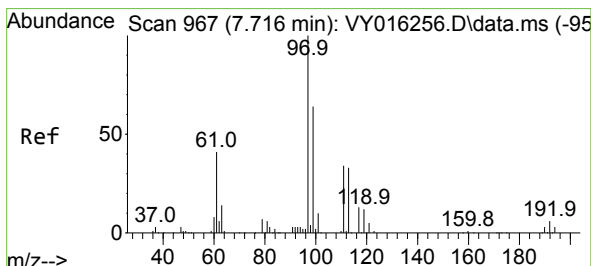
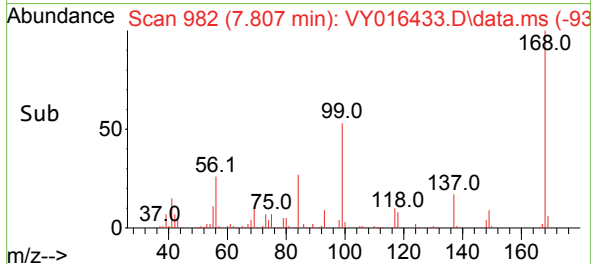
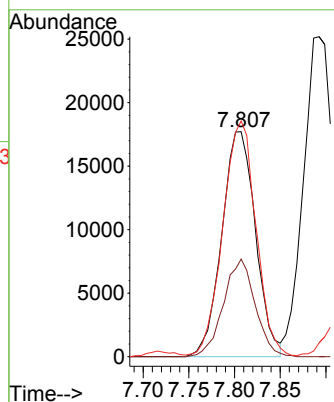
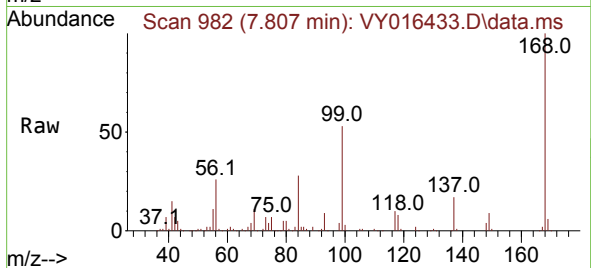




#31
Cyclohexane
Concen: 16.574 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

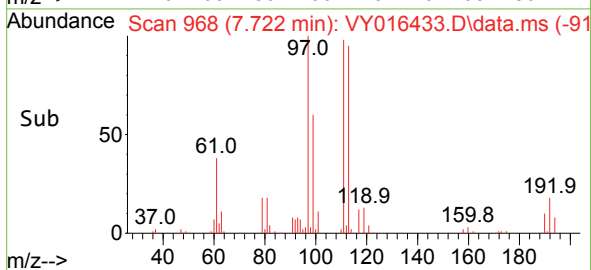
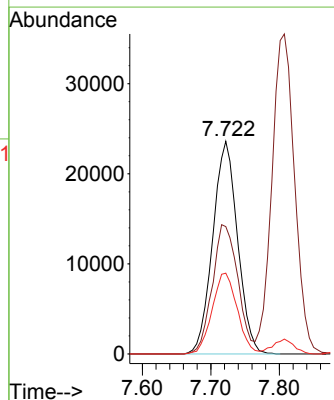
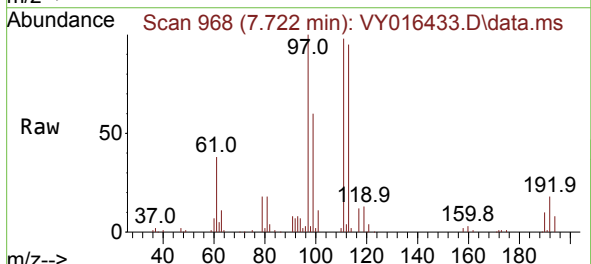
Instrument :
MSVOA_Y
ClientSampleId :

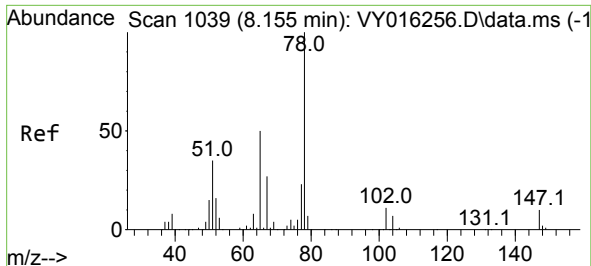
Tgt Ion: 56 Resp: 45508
Ion Ratio Lower Upper
56 100
69 43.4 27.8 41.6#
84 103.8 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.359 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 97 Resp: 59290
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 38.5 35.1 52.7

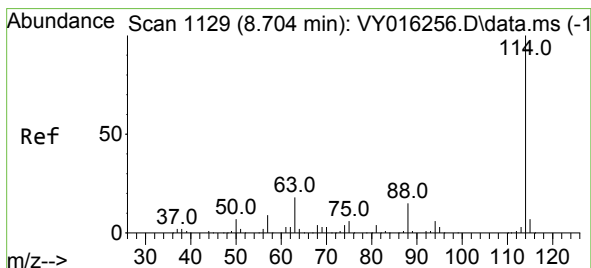
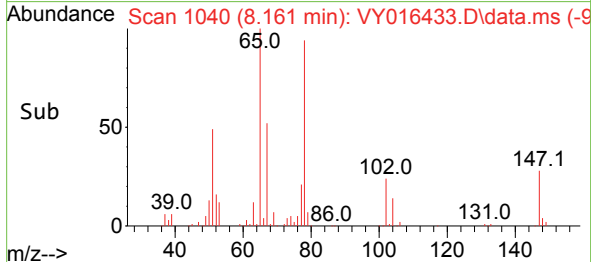
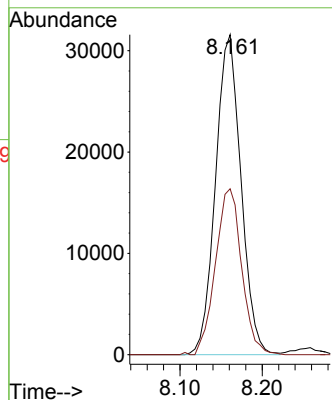
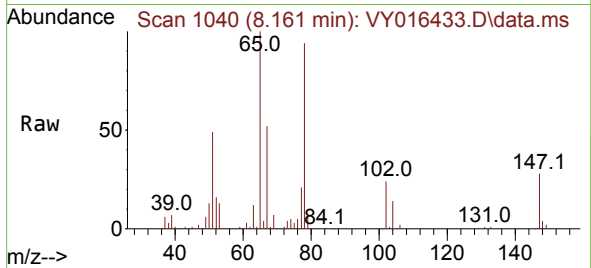




#33
1,2-Dichloroethane-d4
Concen: 48.708 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

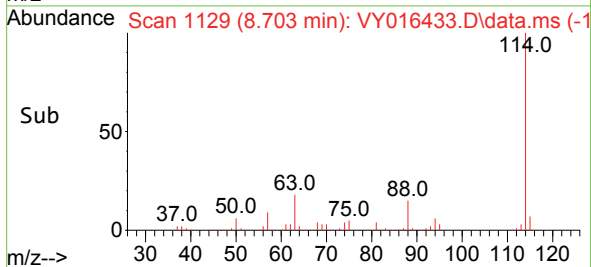
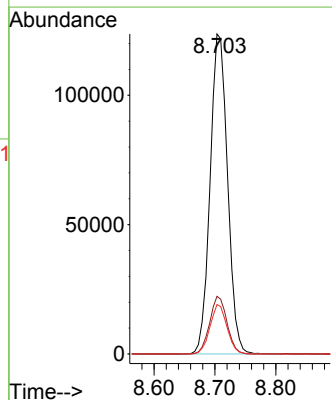
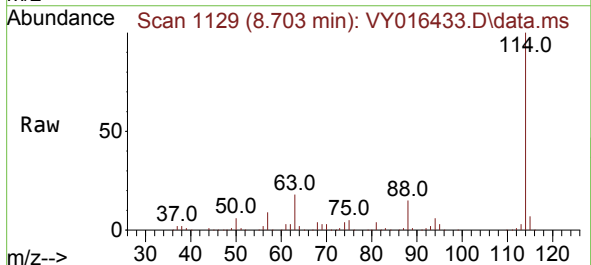
Instrument :
MSVOA_Y
ClientSampleId :

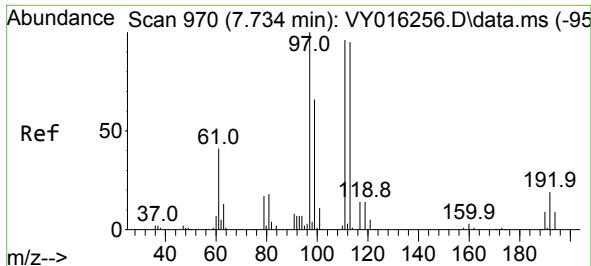
Tgt Ion: 65 Resp: 67931
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion:114 Resp: 245608
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 15.4 0.0 30.6

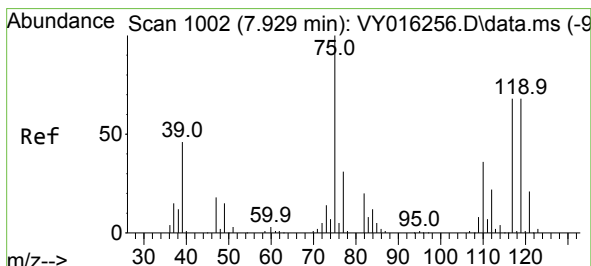
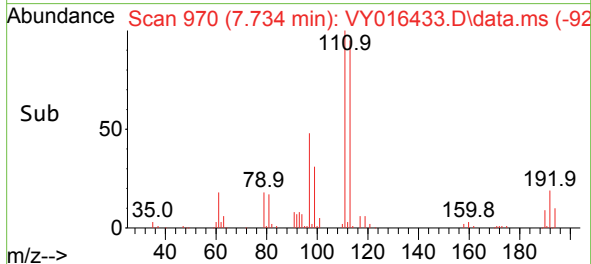
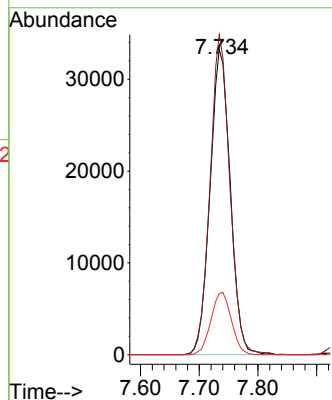
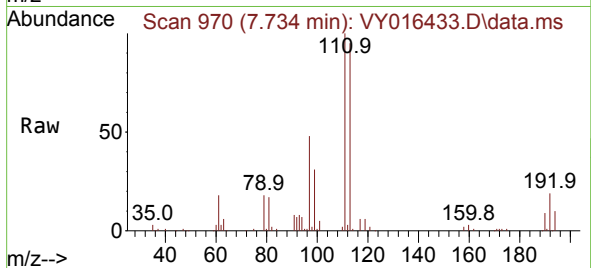




#35
Dibromofluoromethane
Concen: 56.874 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

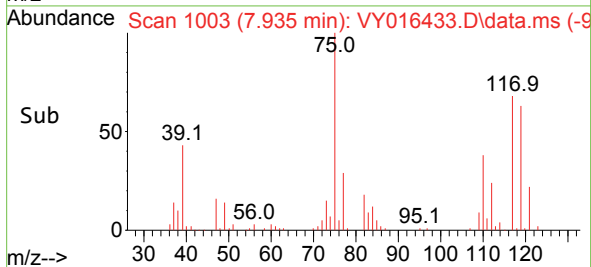
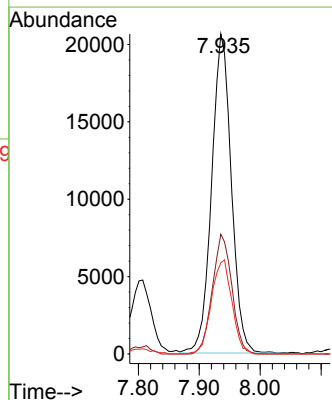
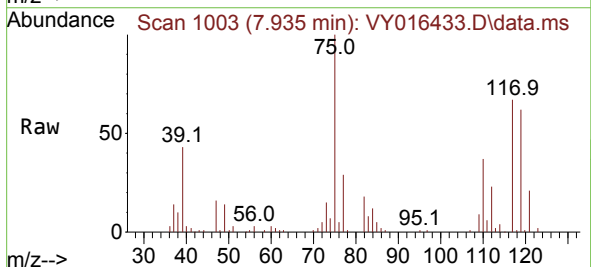
Instrument :
MSVOA_Y
ClientSampleId :

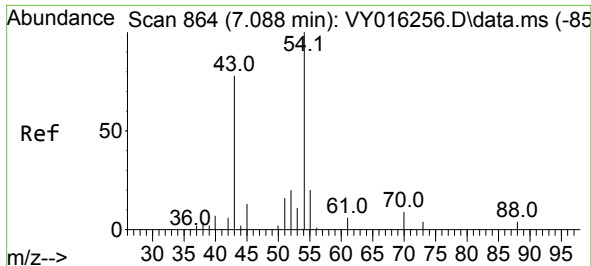
Tgt Ion:113 Resp: 79351
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.114 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

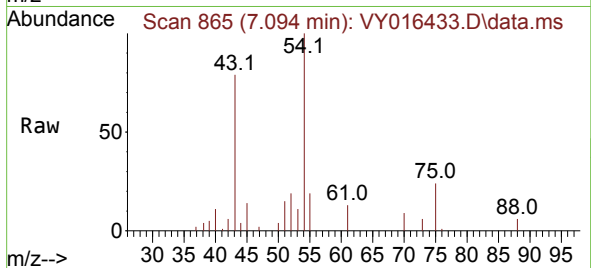
Tgt Ion: 75 Resp: 46306
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 30.7 24.4 36.6



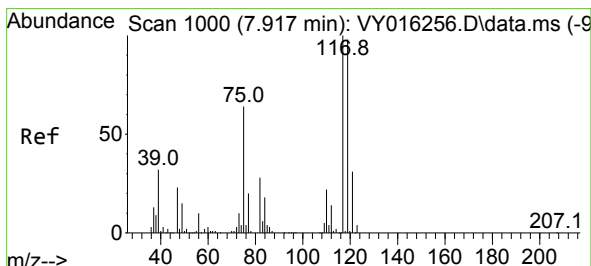
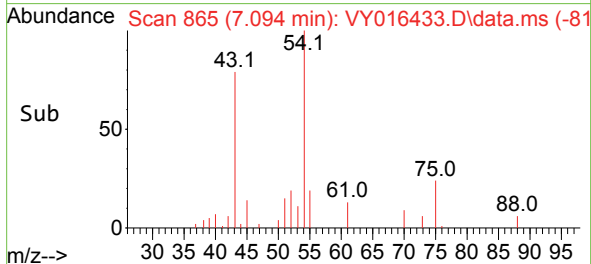
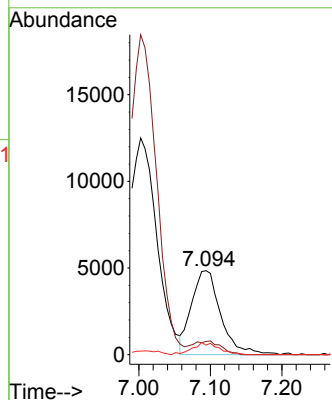


#37
Ethyl Acetate
Concen: 14.065 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :

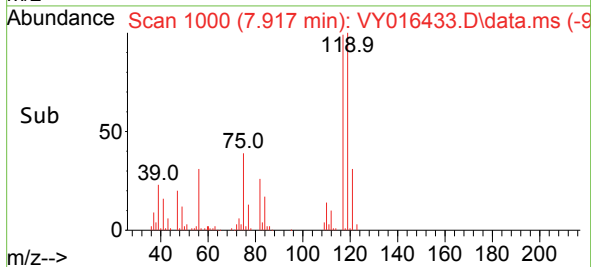
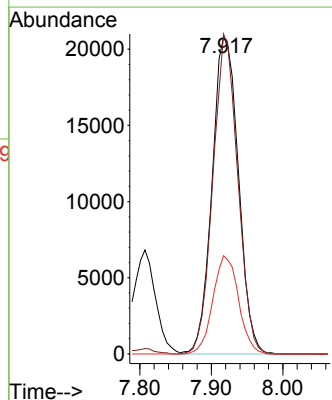
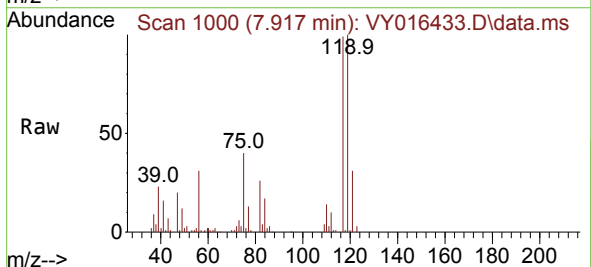


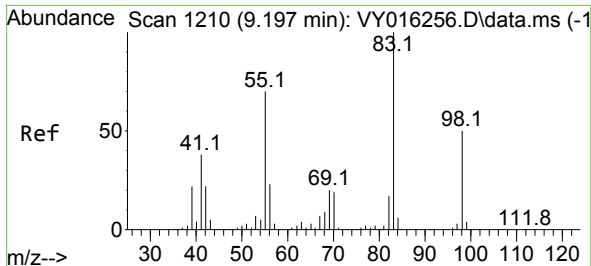
Tgt Ion: 43 Resp: 13768
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 12.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.115 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 117 Resp: 53090
Ion Ratio Lower Upper
117 100
119 101.1 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 17.492 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

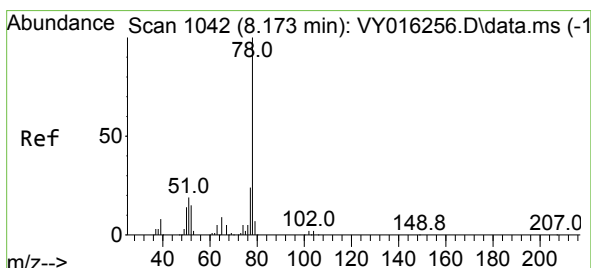
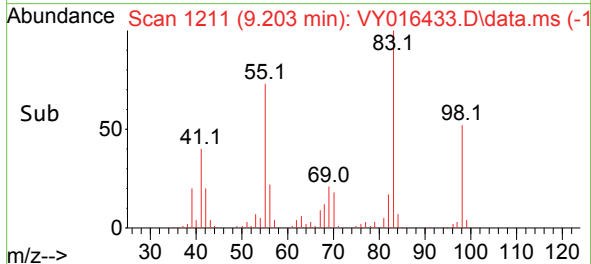
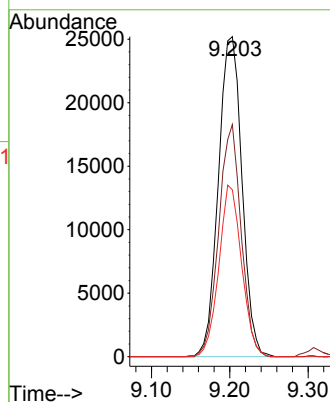
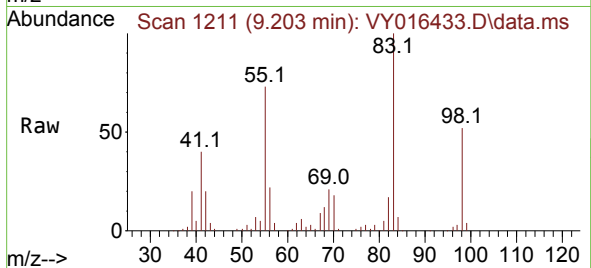
Tgt Ion: 83 Resp: 52805

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 52.2 37.4 56.2



#40

Benzene

Concen: 20.192 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016433.D

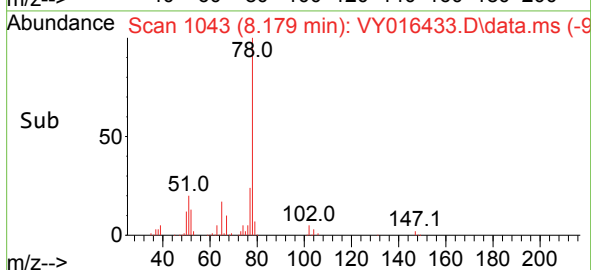
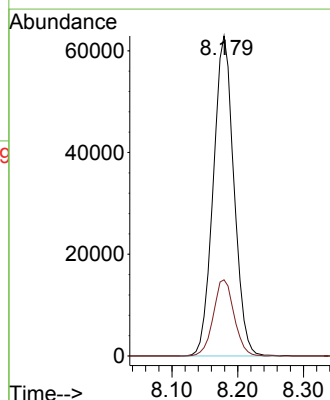
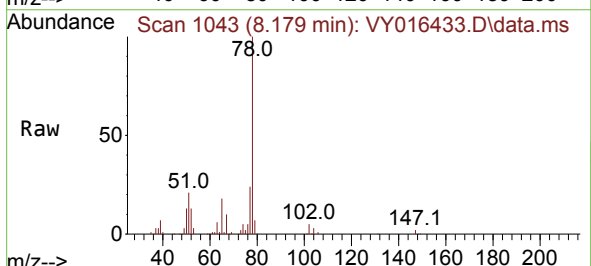
Acq: 21 Nov 2023 13:25

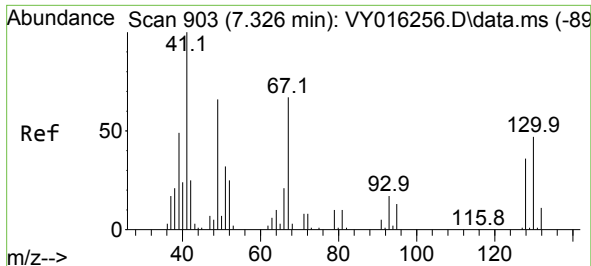
Tgt Ion: 78 Resp: 137438

Ion Ratio Lower Upper

78 100

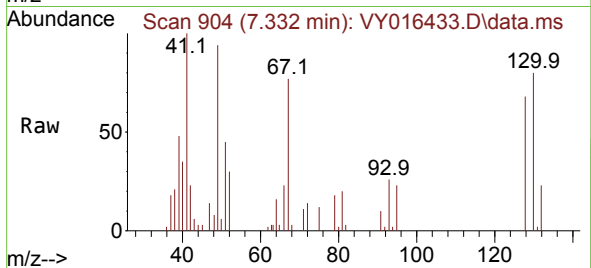
77 23.8 19.0 28.6



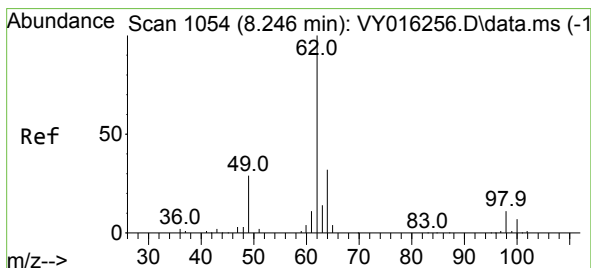
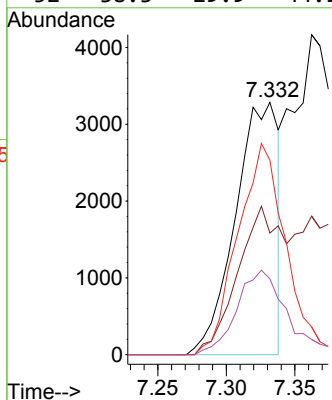
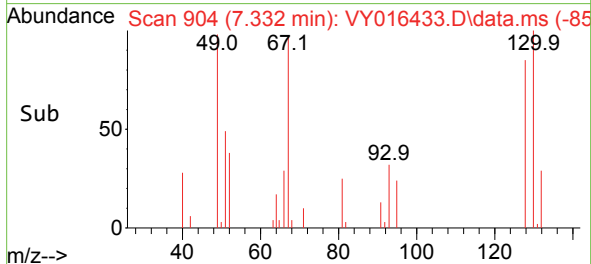


#41
Methacrylonitrile
Concen: 14.620 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

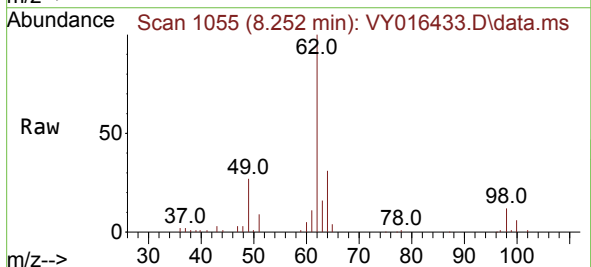
Instrument :
MSVOA_Y
ClientSampleId :



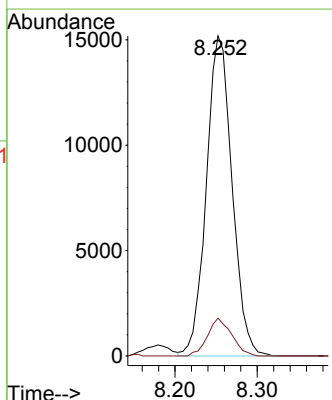
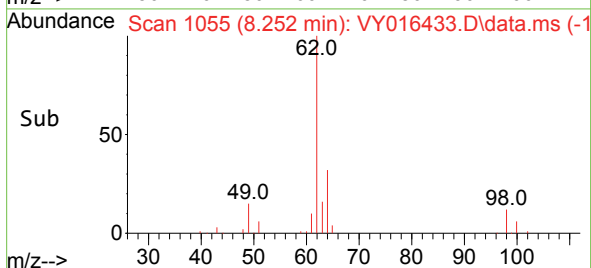
Tgt Ion: 41	Resp: 7216
Ion Ratio	Lower Upper
41 100	
39 61.1	52.1 78.1
67 92.4	66.2 99.2
52 38.3	29.9 44.9

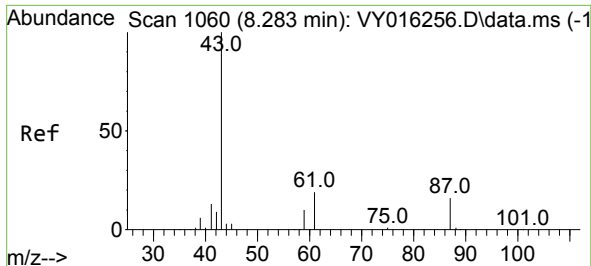


#42
1,2-Dichloroethane
Concen: 18.716 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25



Tgt Ion: 62	Resp: 33008
Ion Ratio	Lower Upper
62 100	
98 11.1	0.0 15.8

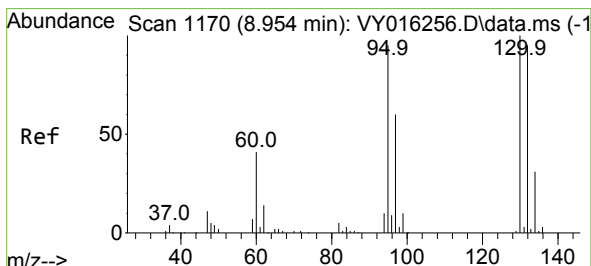
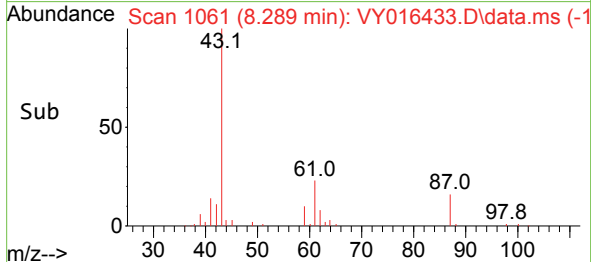
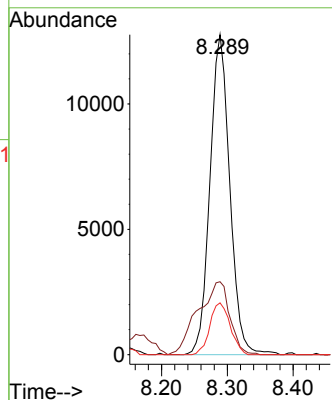
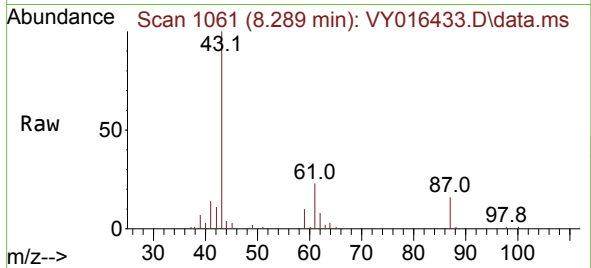




#43
Isopropyl Acetate
Concen: 14.176 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

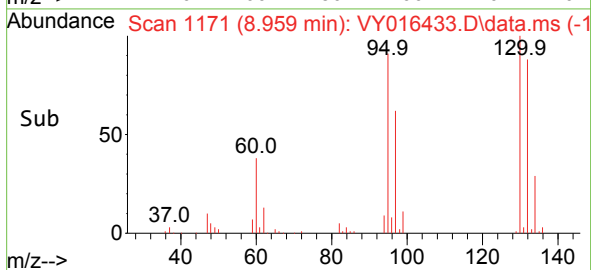
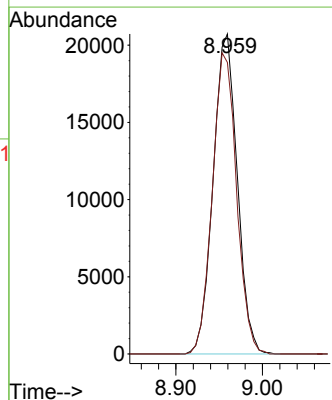
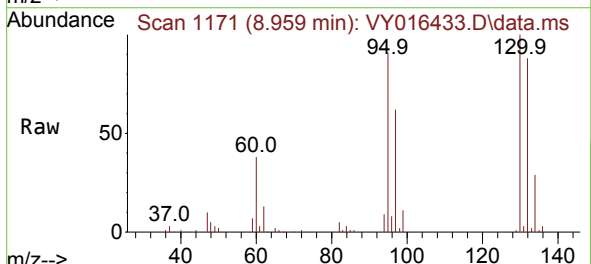
Instrument :
MSVOA_Y
ClientSampleId :

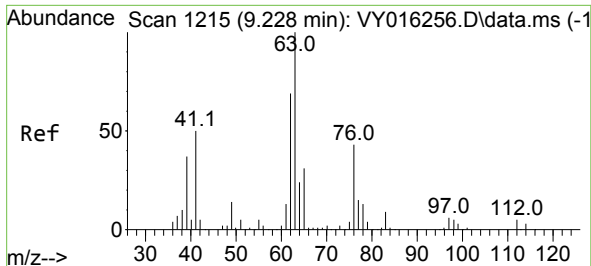
Tgt Ion: 43 Resp: 26823
Ion Ratio Lower Upper
43 100
61 36.3 21.1 31.7#
87 16.6 9.8 14.8#



#44
Trichloroethene
Concen: 20.475 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion:130 Resp: 40052
Ion Ratio Lower Upper
130 100
95 91.1 0.0 196.0

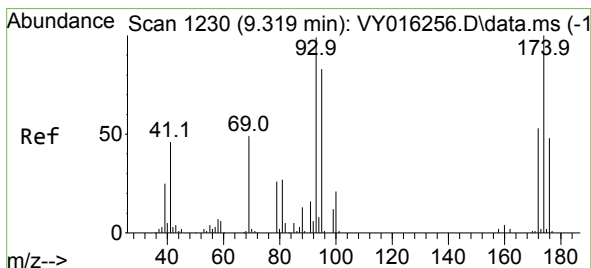
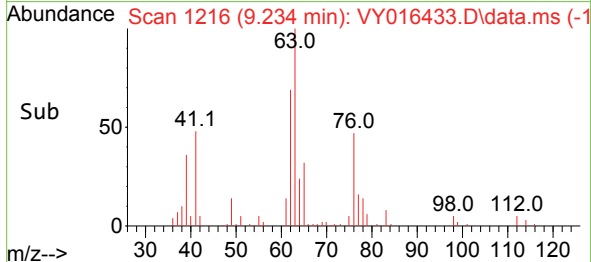
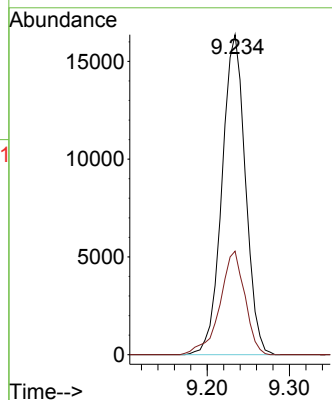
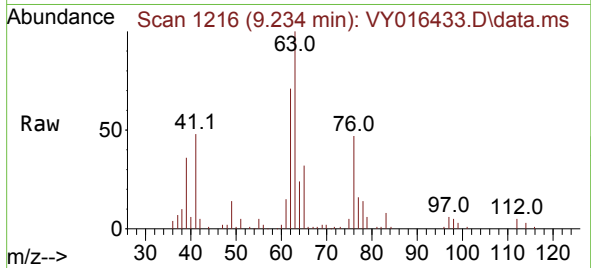




#45
1,2-Dichloropropane
Concen: 19.796 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

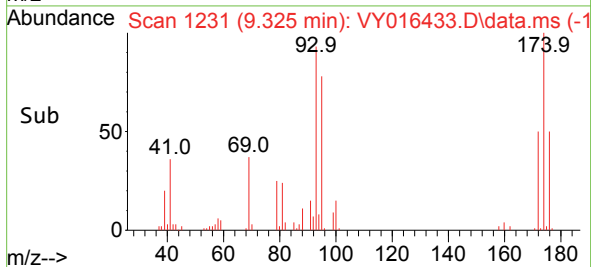
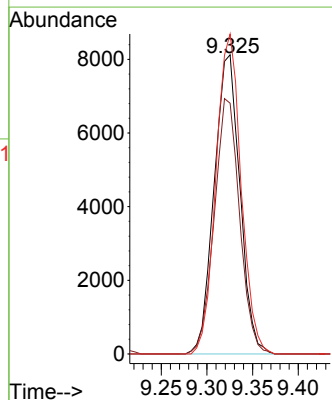
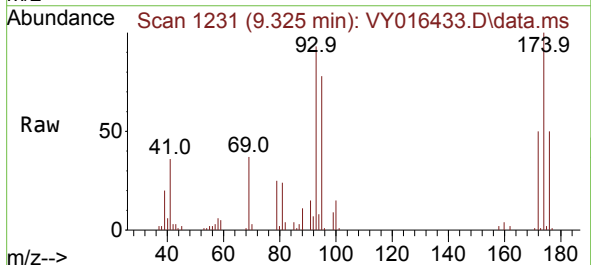
Instrument :
MSVOA_Y
ClientSampleId :

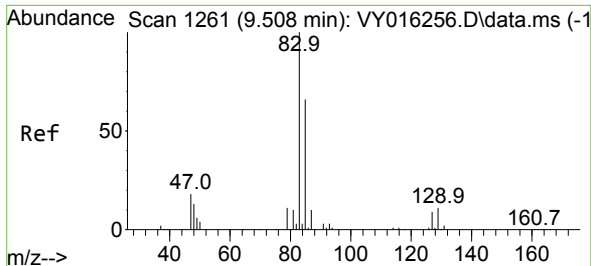
Tgt Ion: 63 Resp: 32360
Ion Ratio Lower Upper
63 100
65 32.4 23.8 35.6



#46
Dibromomethane
Concen: 17.962 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 93 Resp: 15911
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 104.4 84.8 127.2

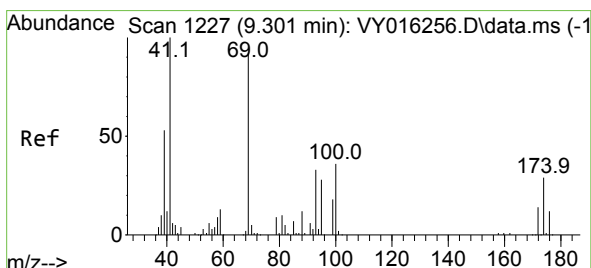
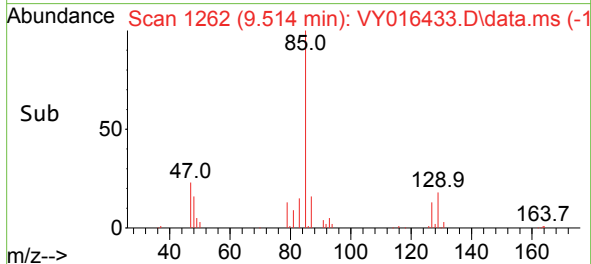
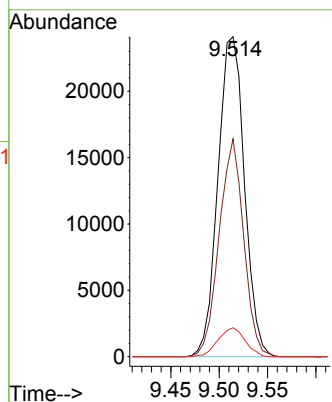
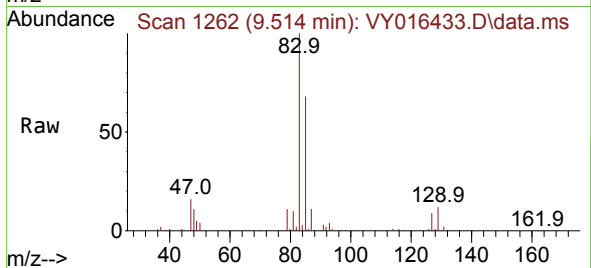




#47
Bromodichloromethane
Concen: 20.150 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

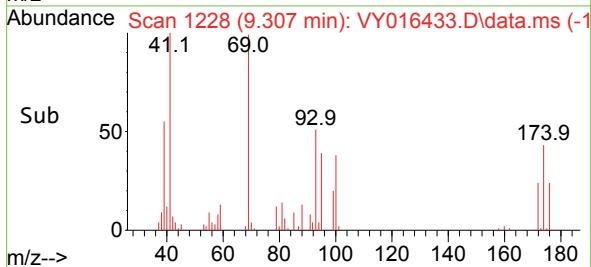
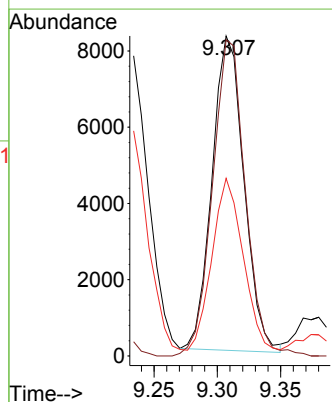
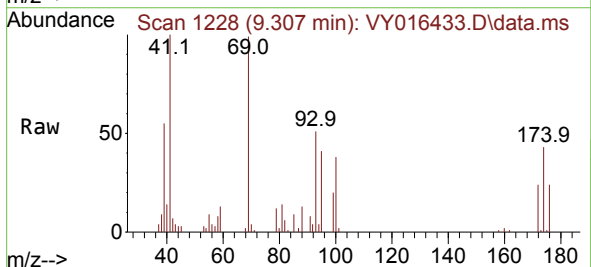
Instrument :
MSVOA_Y
ClientSampleId :

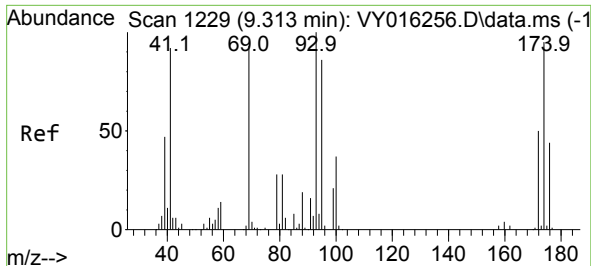
Tgt Ion: 83 Resp: 45888
Ion Ratio Lower Upper
83 100
85 68.0 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 13.813 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 41 Resp: 14445
Ion Ratio Lower Upper
41 100
69 103.6 64.5 96.7#
39 57.5 50.8 76.2





#49

1,4-Dioxane

Concen: 302.735 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

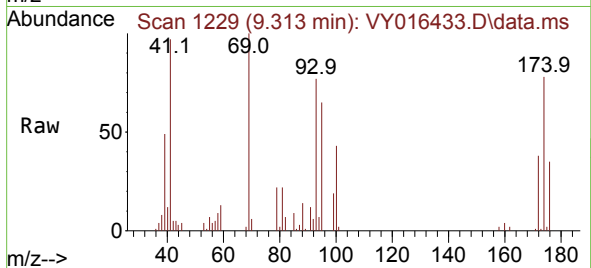
Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :



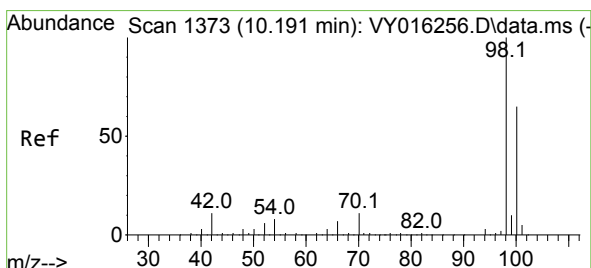
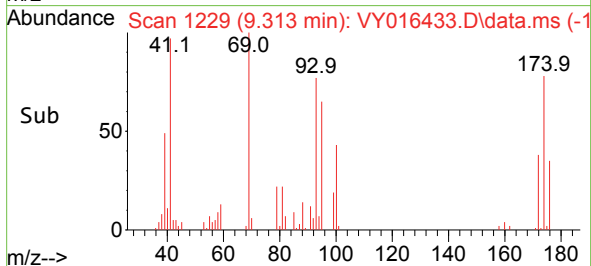
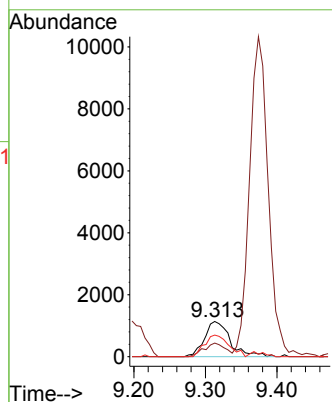
Tgt Ion: 88 Resp: 2847

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 57.5 30.9 46.3#



#50

Toluene-d8

Concen: 54.769 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016433.D

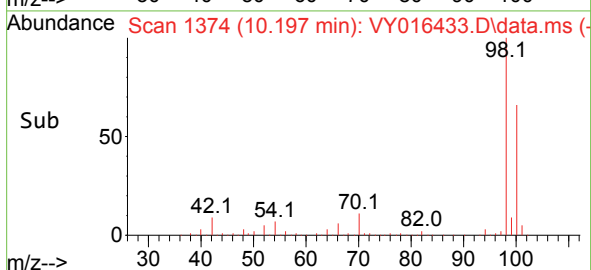
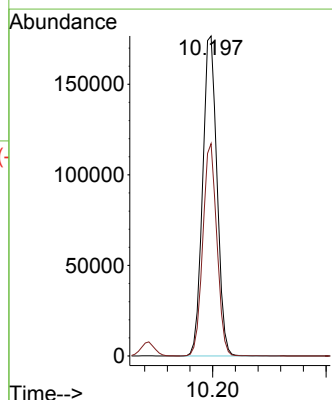
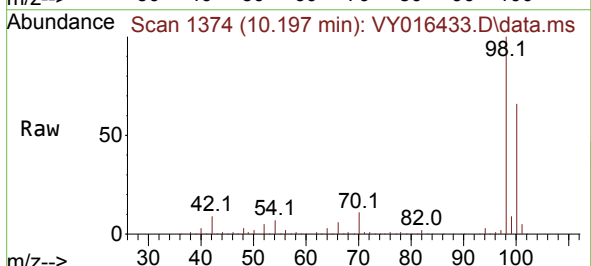
Acq: 21 Nov 2023 13:25

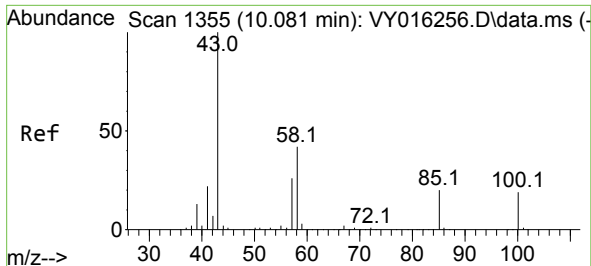
Tgt Ion: 98 Resp: 309874

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 70.448 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

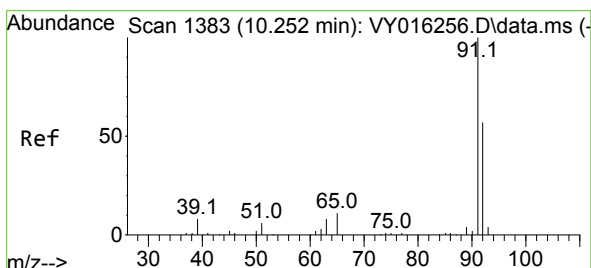
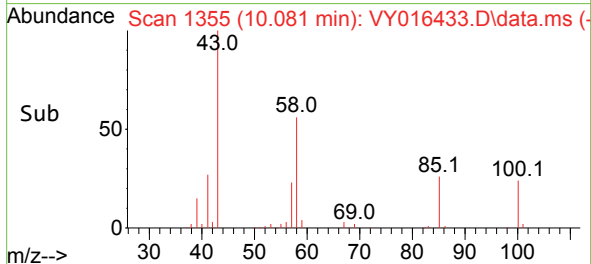
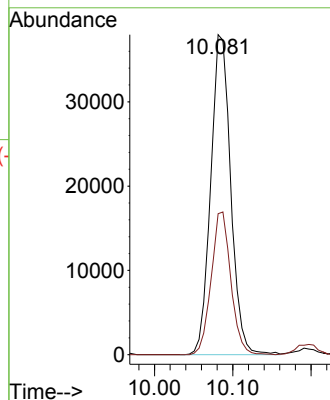
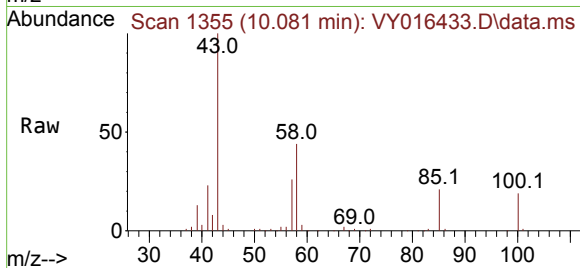
ClientSampleId :

Tgt Ion: 43 Resp: 67405

Ion Ratio Lower Upper

43 100

58 43.8 29.0 43.6#



#52

Toluene

Concen: 20.662 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016433.D

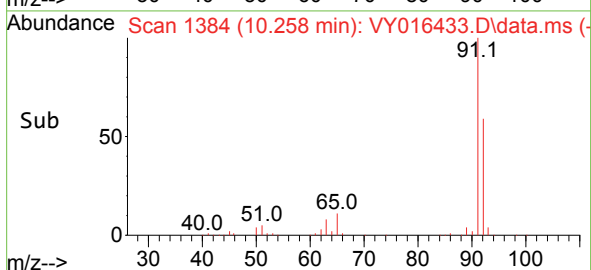
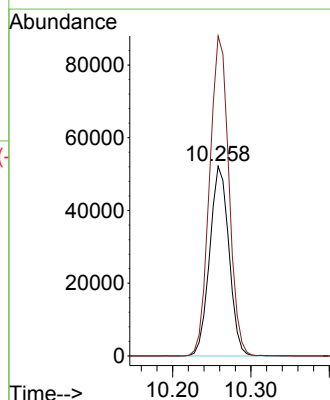
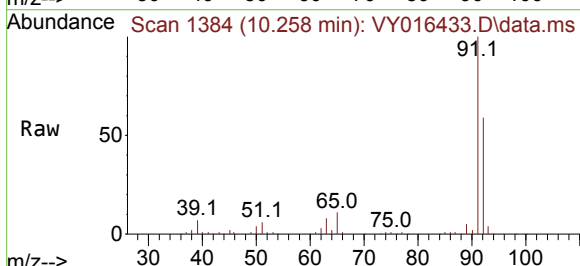
Acq: 21 Nov 2023 13:25

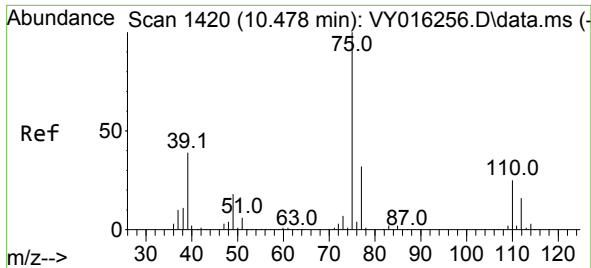
Tgt Ion: 92 Resp: 88899

Ion Ratio Lower Upper

92 100

91 169.0 143.8 215.6

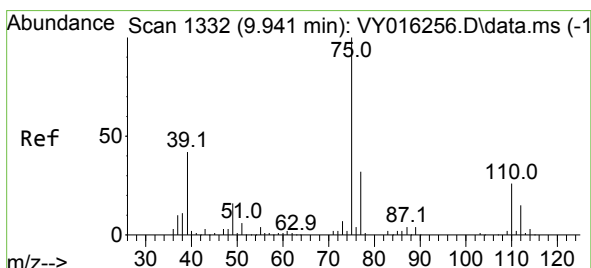
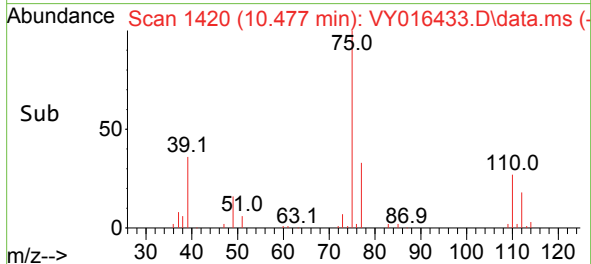
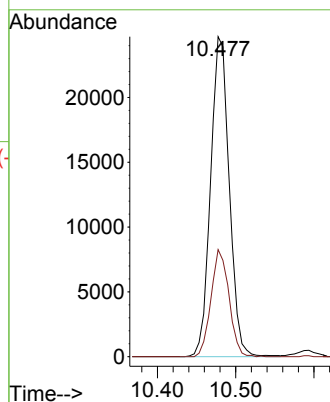
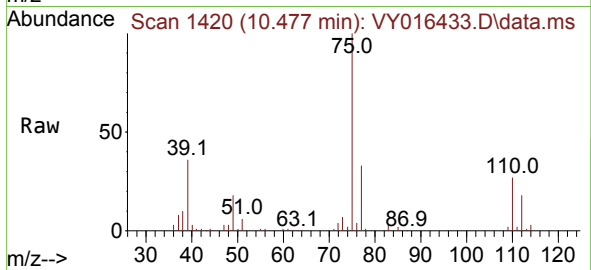




#53
t-1,3-Dichloropropene
Concen: 18.520 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

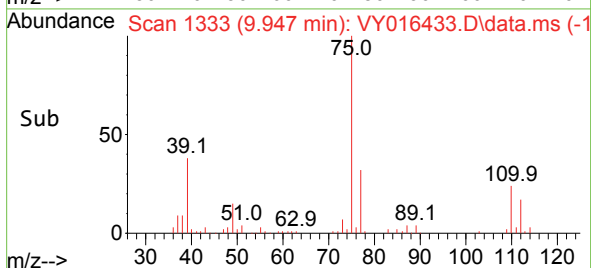
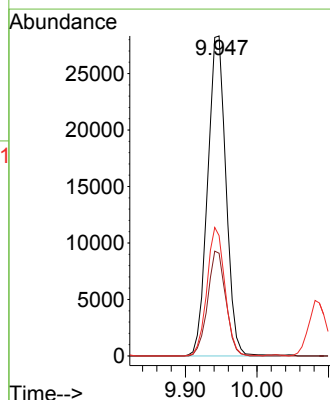
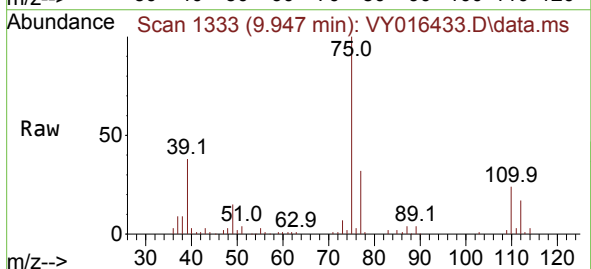
Instrument :
MSVOA_Y
ClientSampleId :

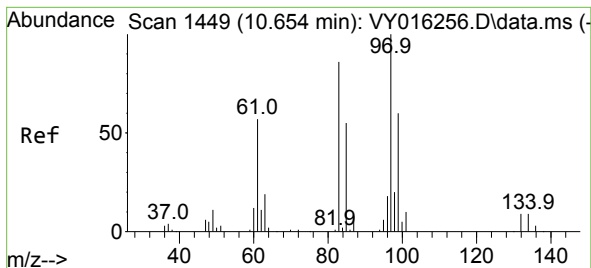
Tgt Ion: 75 Resp: 40887
Ion Ratio Lower Upper
75 100
77 33.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.123 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 75 Resp: 50426
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 37.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 18.882 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 23053

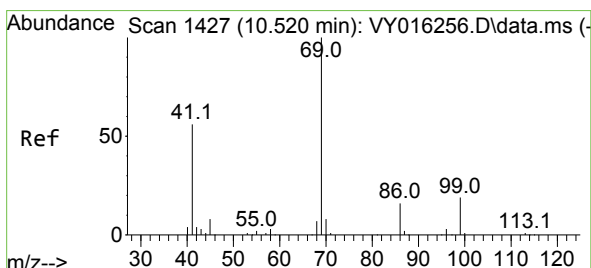
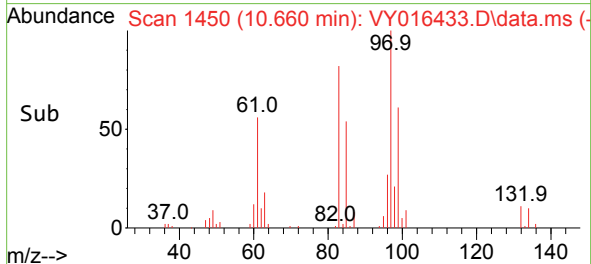
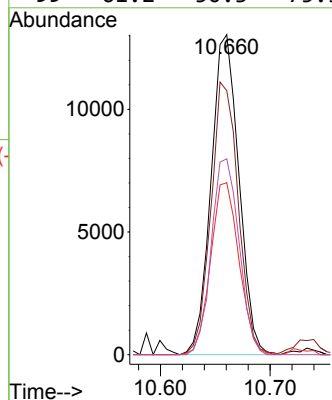
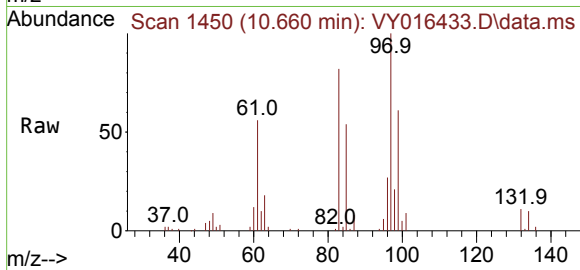
Ion Ratio Lower Upper

97 100

83 82.5 72.0 108.0

85 53.7 45.4 68.0

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 15.738 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

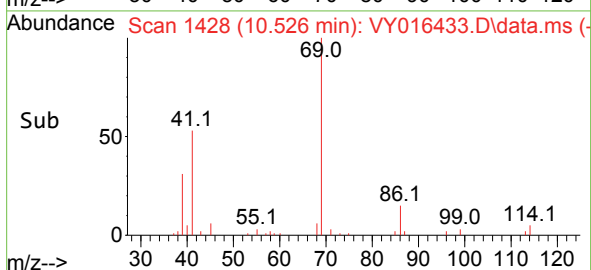
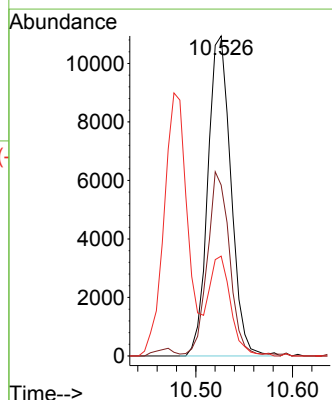
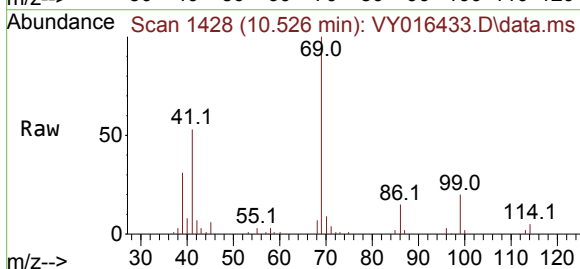
Tgt Ion: 69 Resp: 18139

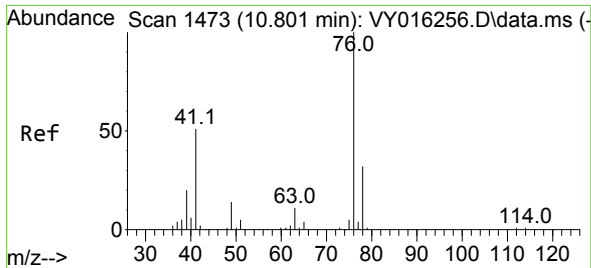
Ion Ratio Lower Upper

69 100

41 54.5 57.6 86.4#

39 28.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 18.534 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

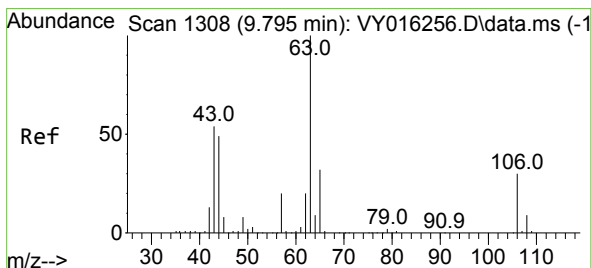
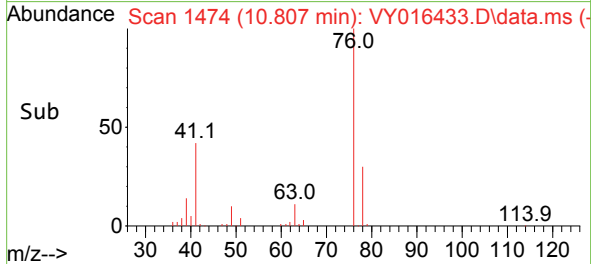
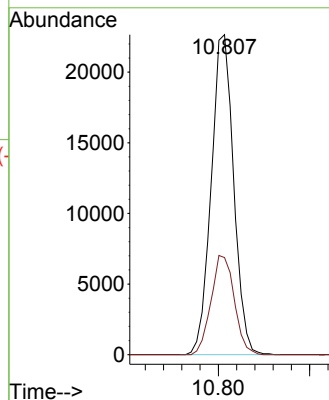
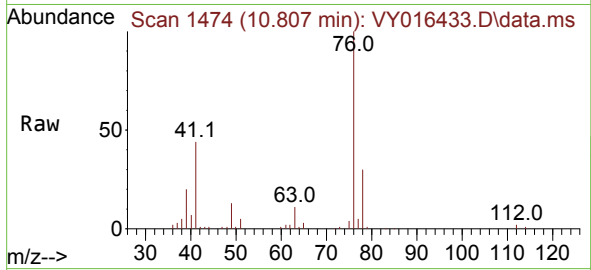
ClientSampleId :

Tgt Ion: 76 Resp: 38573

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 80.866 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016433.D

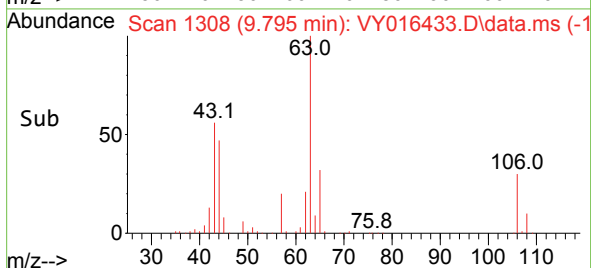
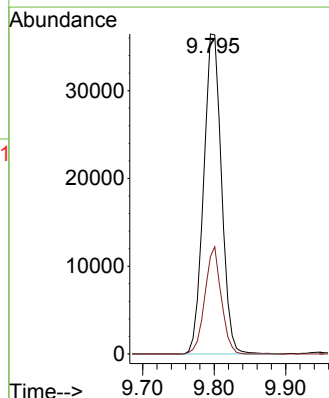
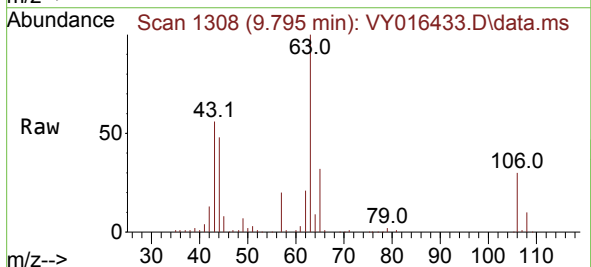
Acq: 21 Nov 2023 13:25

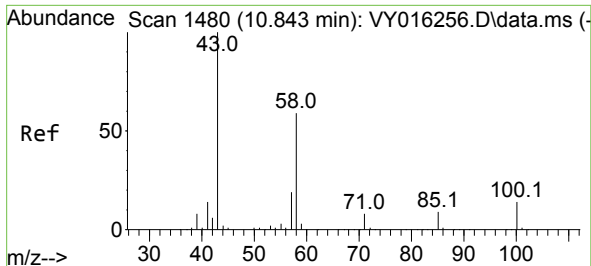
Tgt Ion: 63 Resp: 63196

Ion Ratio Lower Upper

63 100

106 30.7 21.2 31.8

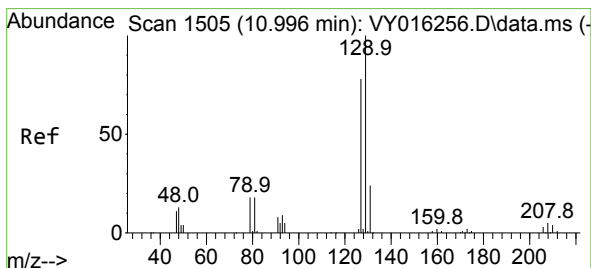
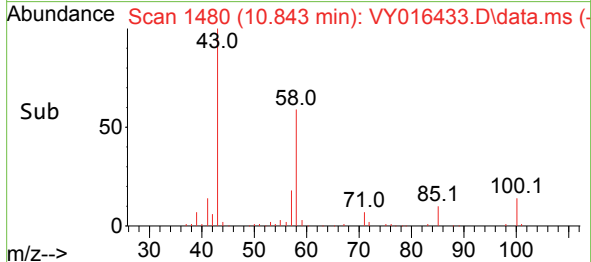
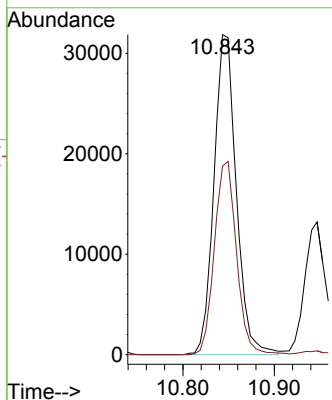
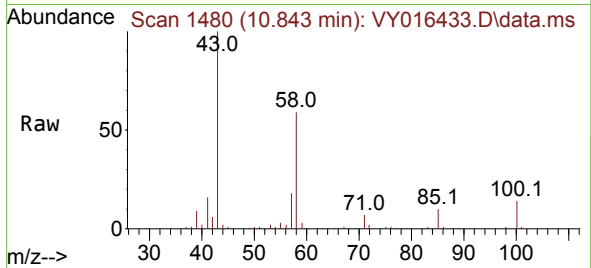




#59
2-Hexanone
Concen: 76.042 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

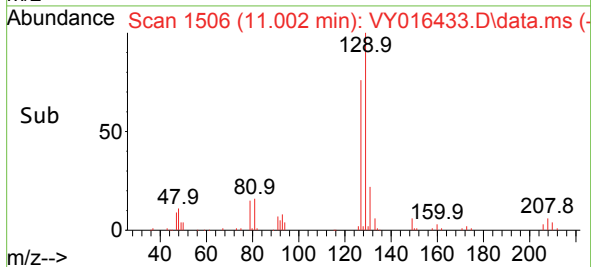
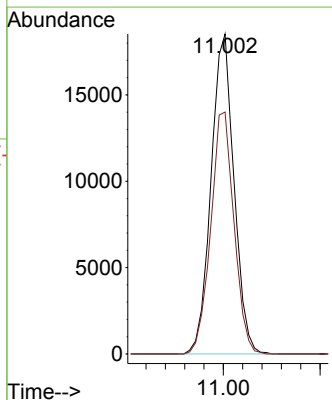
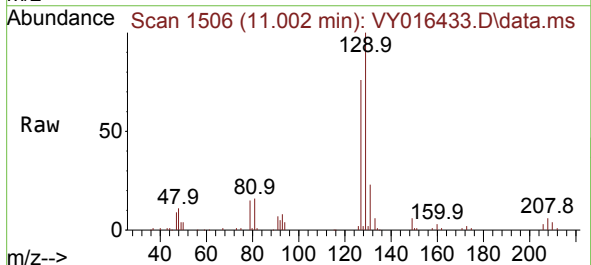
Instrument :
MSVOA_Y
ClientSampleId :

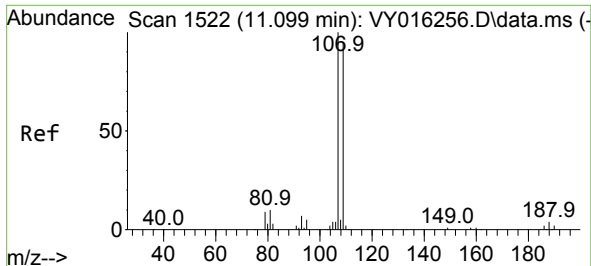
Tgt Ion: 43 Resp: 54119
Ion Ratio Lower Upper
43 100
58 59.9 25.1 75.3



#60
Dibromochloromethane
Concen: 19.947 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

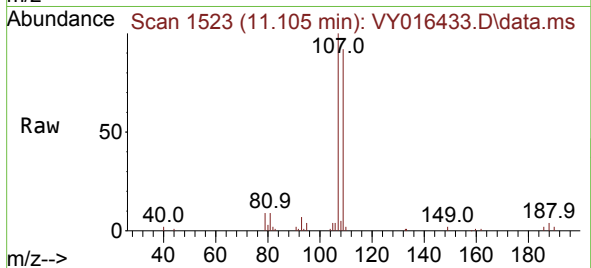
Tgt Ion: 129 Resp: 30458
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5



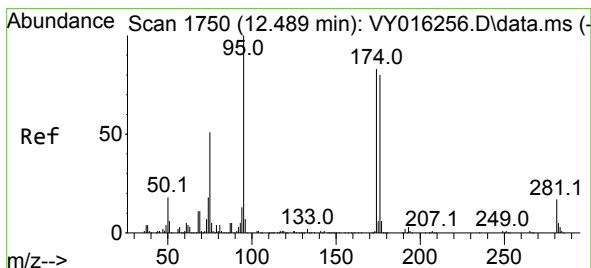
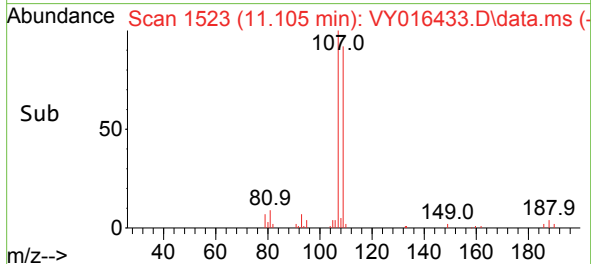
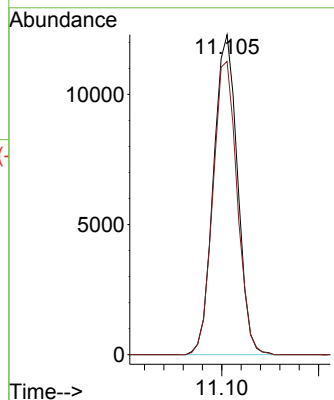


#61
 1,2-Dibromoethane
 Concen: 18.111 ug/l
 RT: 11.105 min Scan# 1523
 Delta R.T. 0.006 min
 Lab File: VY016433.D
 Acq: 21 Nov 2023 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :

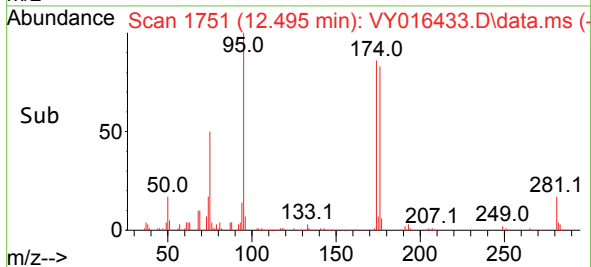
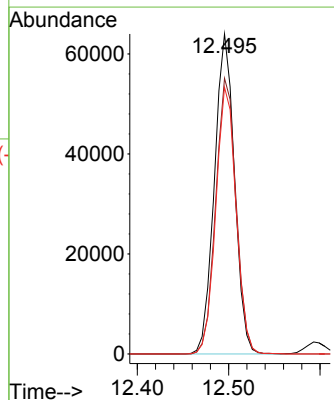
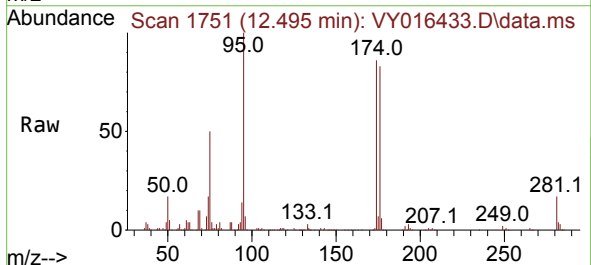


Tgt Ion:107 Resp: 21066
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 53.090 ug/l
 RT: 12.495 min Scan# 1751
 Delta R.T. 0.006 min
 Lab File: VY016433.D
 Acq: 21 Nov 2023 13:25

Tgt Ion: 95 Resp: 97558
 Ion Ratio Lower Upper
 95 100
 174 87.6 0.0 178.2
 176 84.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

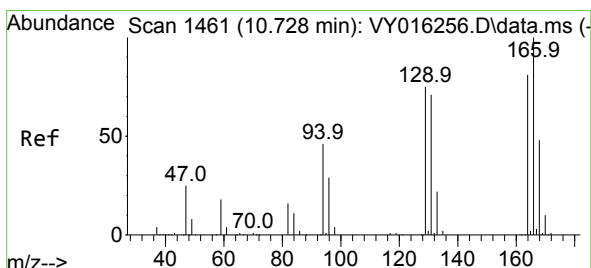
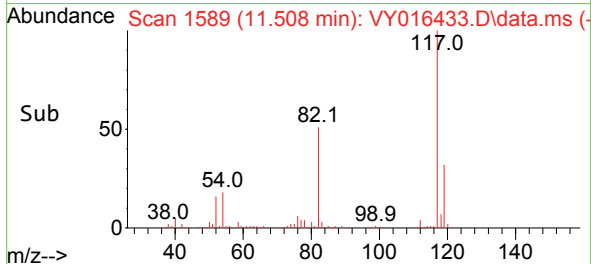
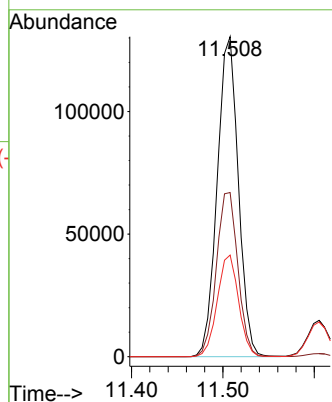
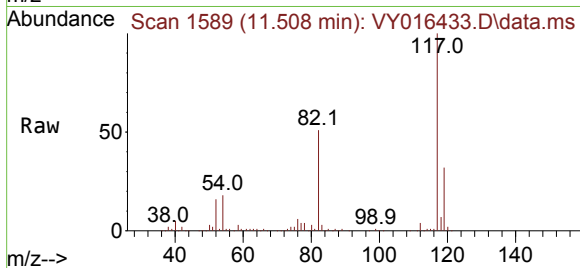
Tgt Ion:117 Resp: 209765

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 20.202 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Tgt Ion:164 Resp: 38051

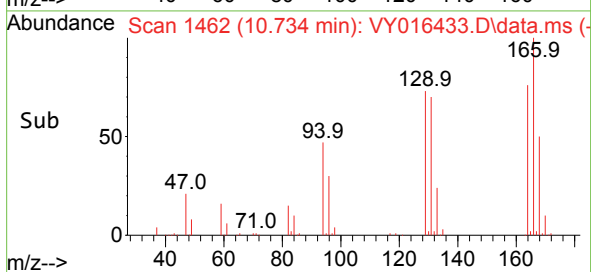
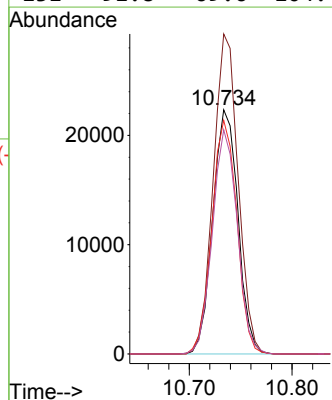
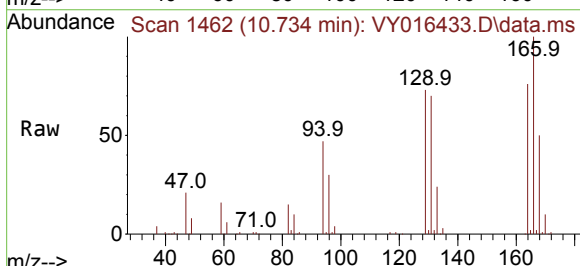
Ion Ratio Lower Upper

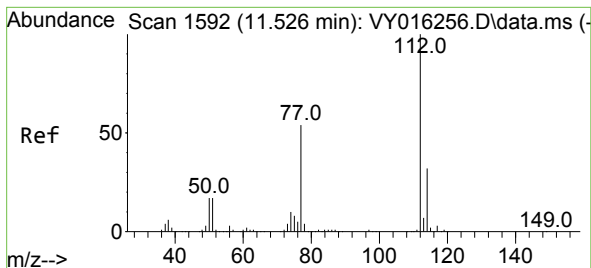
164 100

166 131.1 103.0 154.6

129 95.7 77.2 115.8

131 91.8 69.6 104.4





#65

Chlorobenzene

Concen: 21.141 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

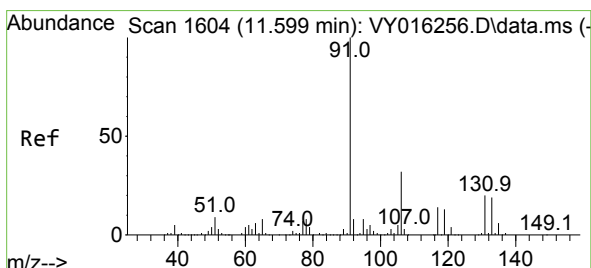
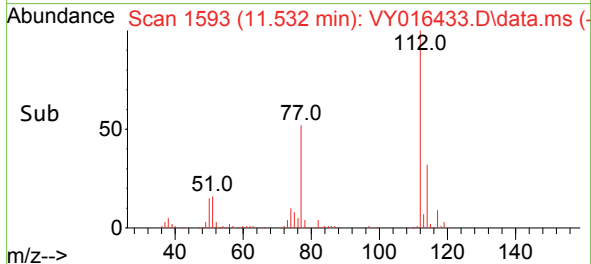
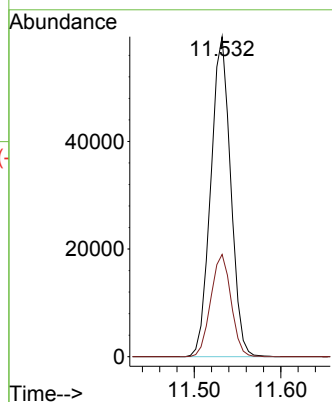
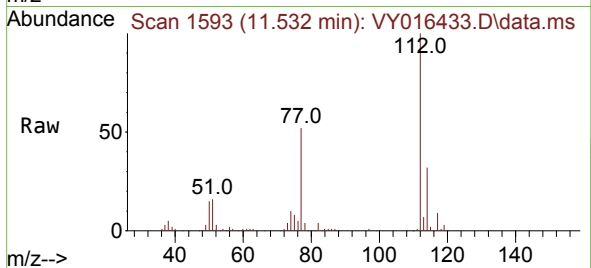
ClientSampleId :

Tgt Ion:112 Resp: 94746

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.841 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

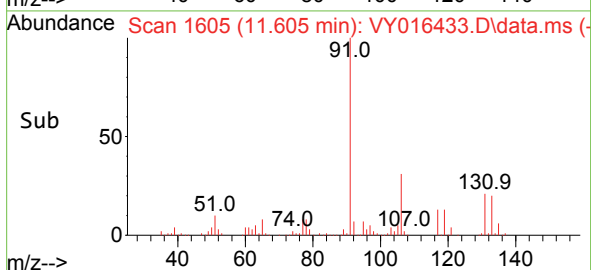
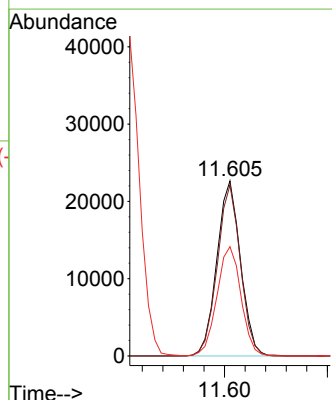
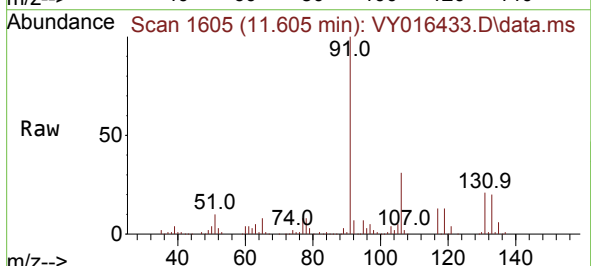
Tgt Ion:131 Resp: 36103

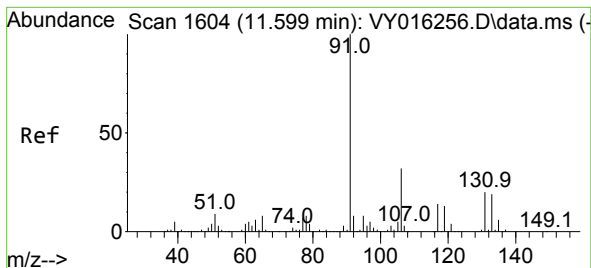
Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.6

119 63.6 31.6 94.7





#67

Ethyl Benzene

Concen: 21.186 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

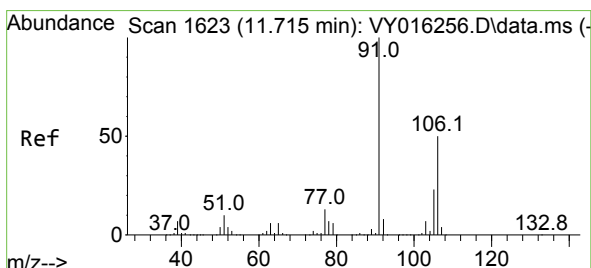
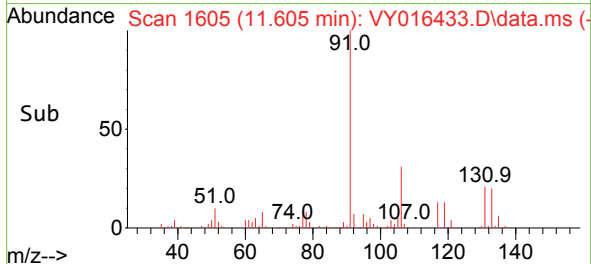
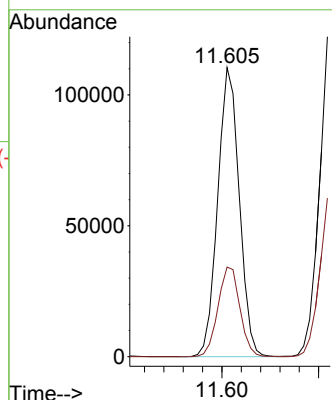
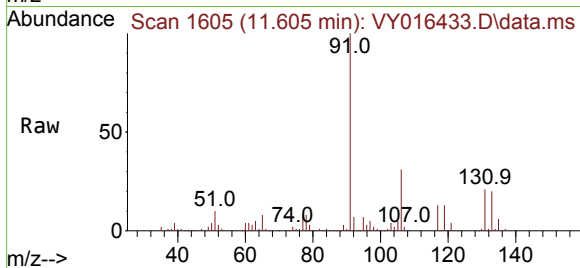
ClientSampleId :

Tgt Ion: 91 Resp: 170637

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 42.477 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016433.D

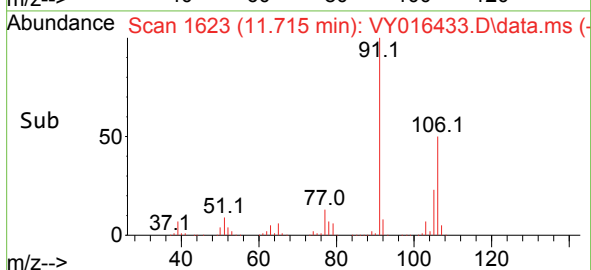
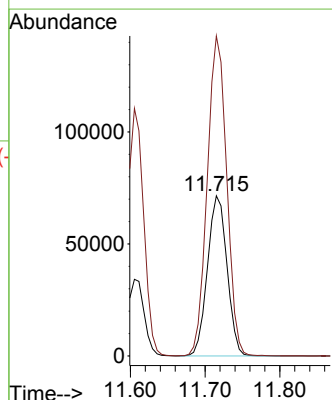
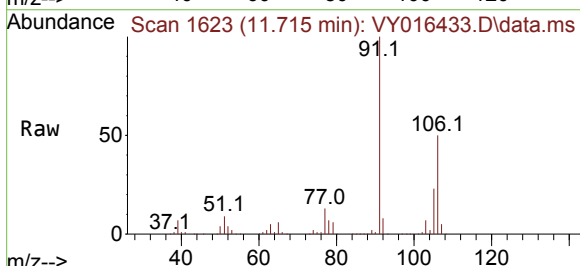
Acq: 21 Nov 2023 13:25

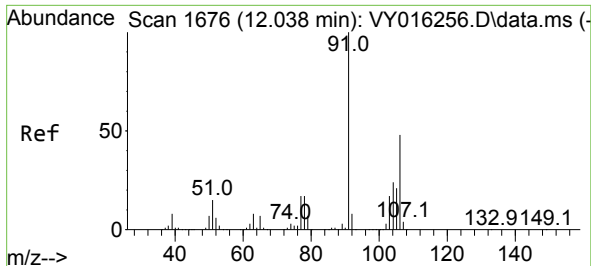
Tgt Ion:106 Resp: 129765

Ion Ratio Lower Upper

106 100

91 198.6 166.1 249.1

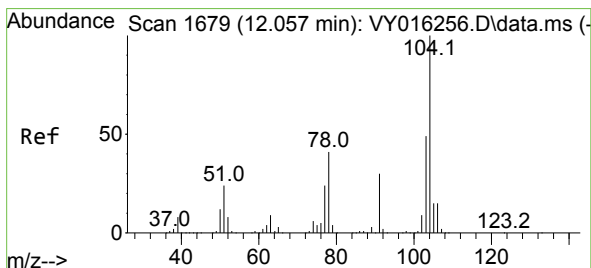
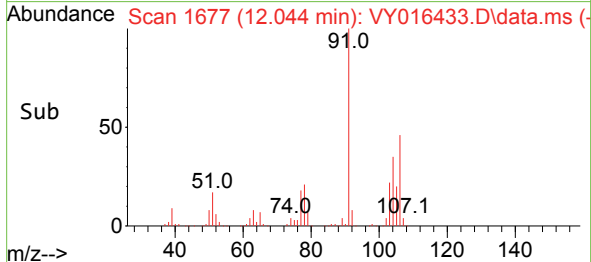
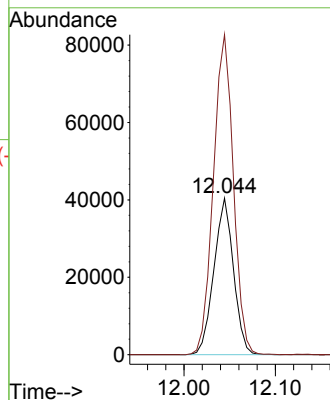
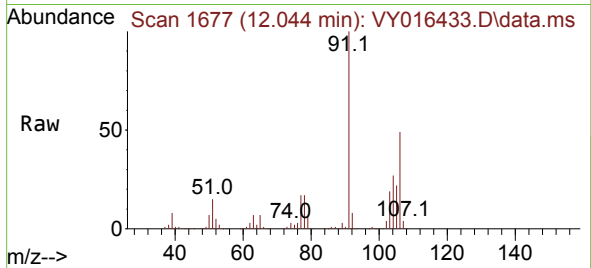




#69
o-Xylene
Concen: 21.221 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

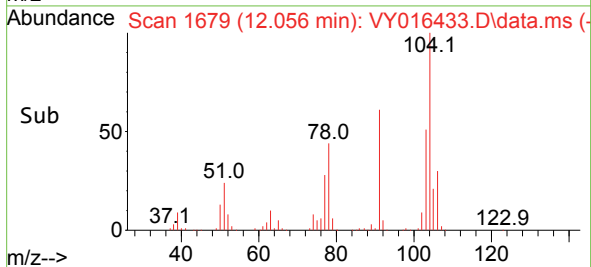
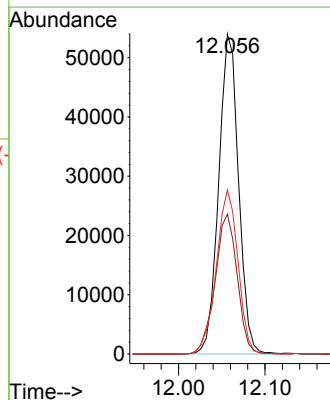
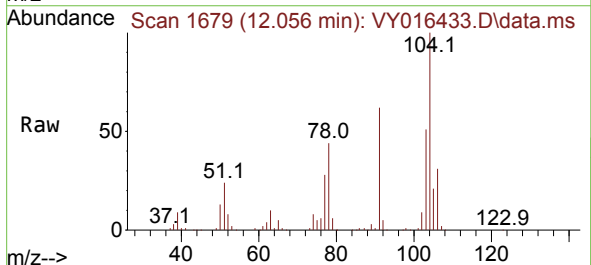
Instrument :
MSVOA_Y
ClientSampleId :

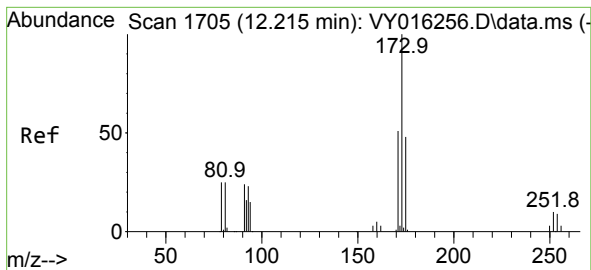
Tgt Ion:106 Resp: 60190
Ion Ratio Lower Upper
106 100
91 209.0 108.1 324.3



#70
Styrene
Concen: 21.163 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion:104 Resp: 85952
Ion Ratio Lower Upper
104 100
78 48.5 41.5 62.3
103 55.8 44.6 67.0





#71

Bromoform

Concen: 19.115 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

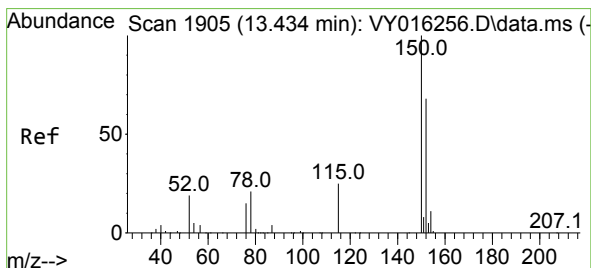
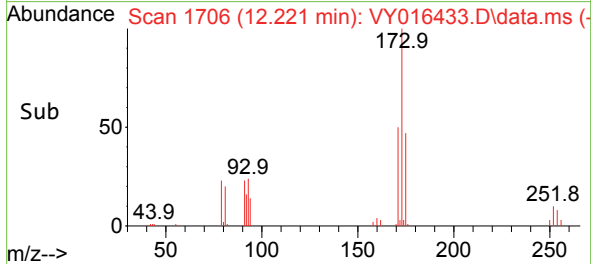
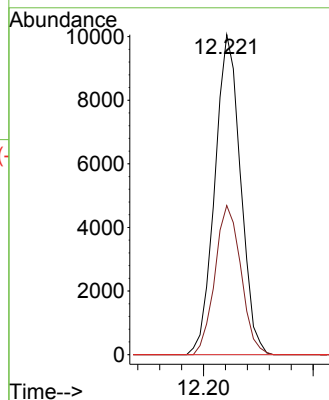
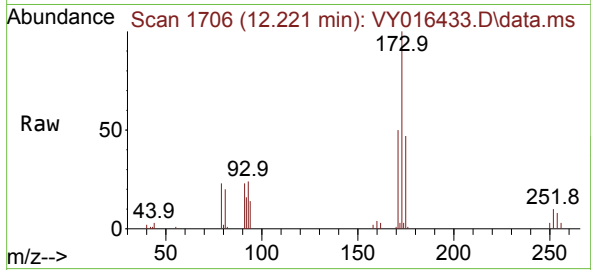
Tgt Ion:173 Resp: 16395

Ion Ratio Lower Upper

173 100

175 47.1 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: VY016433.D

Acq: 21 Nov 2023 13:25

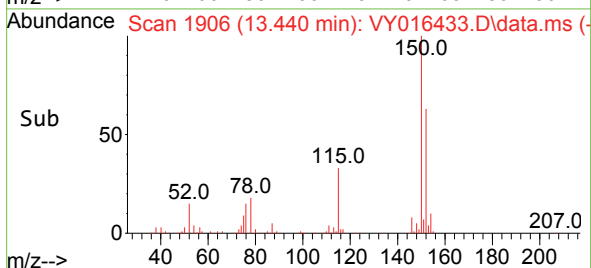
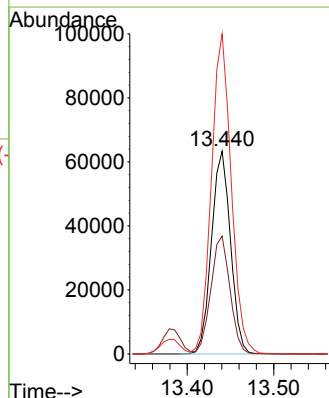
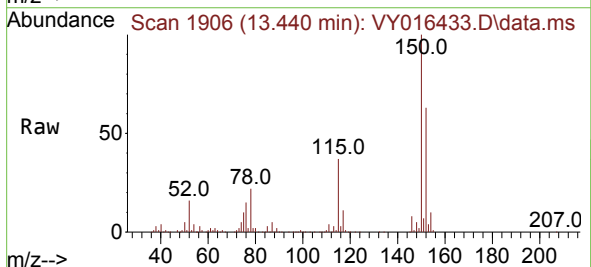
Tgt Ion:152 Resp: 96837

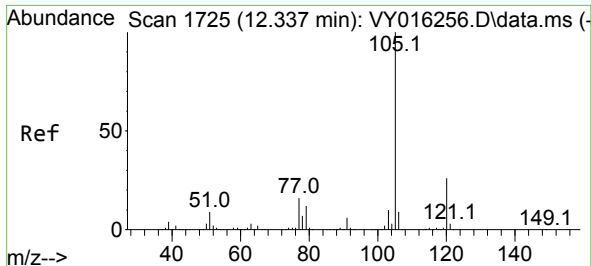
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 164.2 0.0 348.8

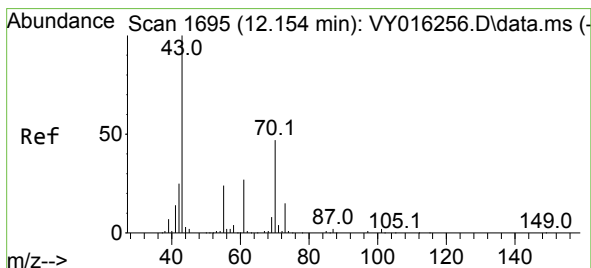
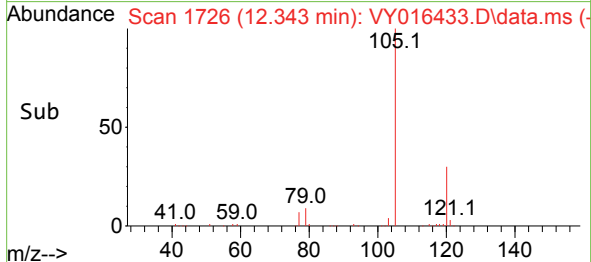
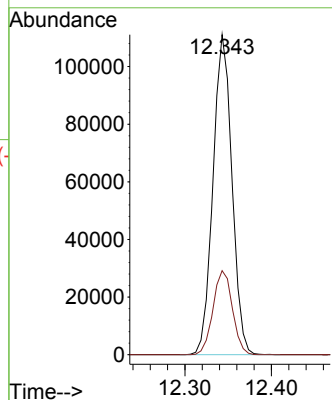
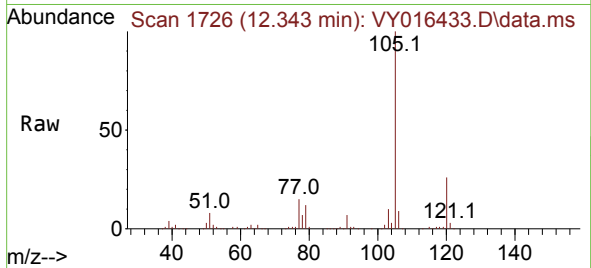




#73
Isopropylbenzene
Concen: 21.487 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

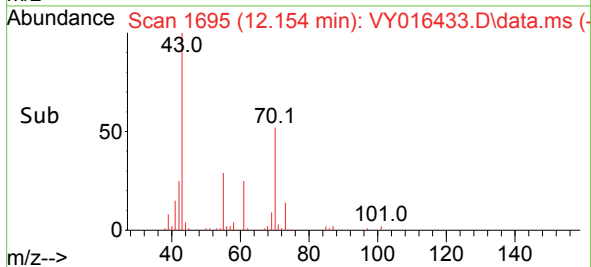
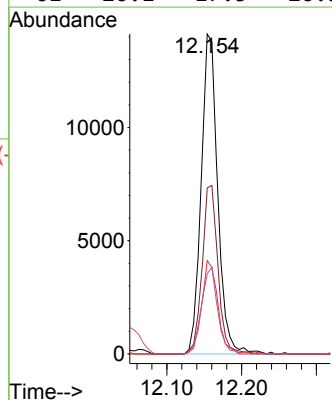
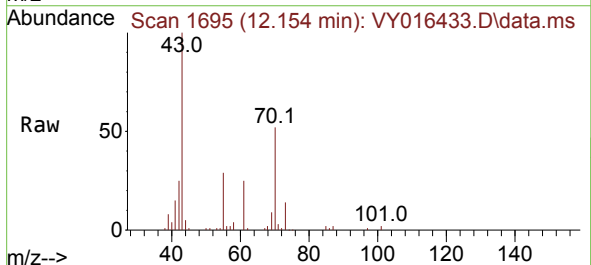
Instrument :
MSVOA_Y
ClientSampleId :

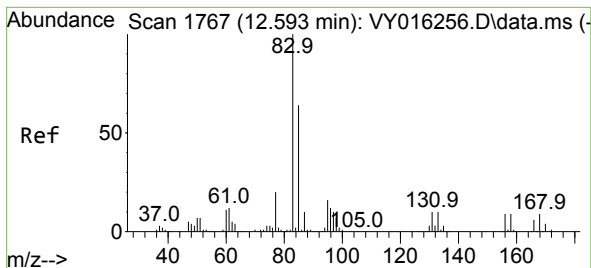
Tgt Ion:105 Resp: 168494
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 13.785 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion: 43 Resp: 21713
Ion Ratio Lower Upper
43 100
70 50.3 29.7 44.5#
55 28.8 18.3 27.5#
61 26.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.296 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

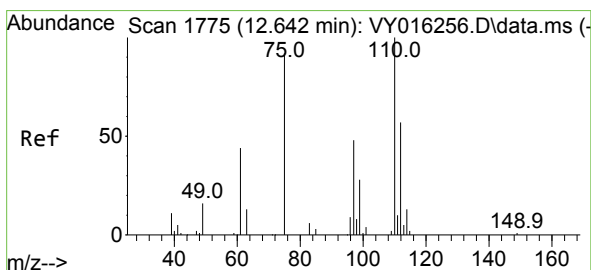
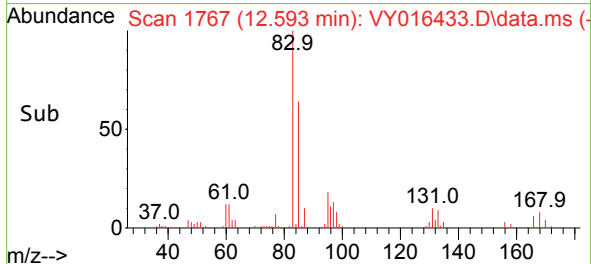
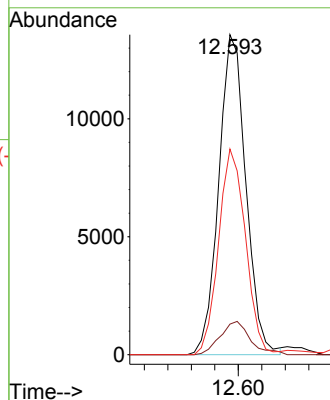
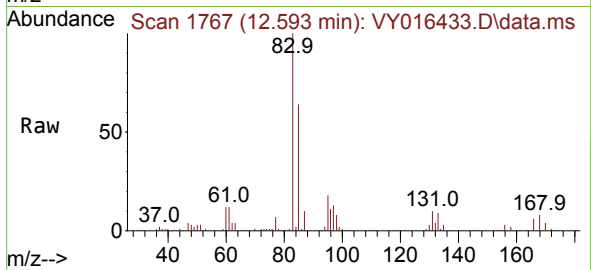
Tgt Ion: 83 Resp: 21764

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 30.816 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016433.D

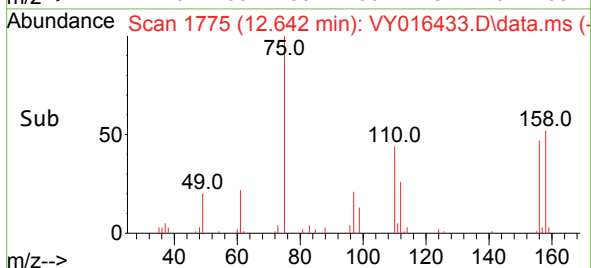
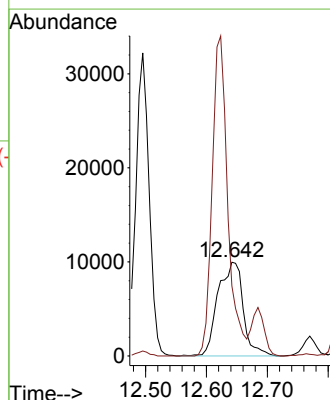
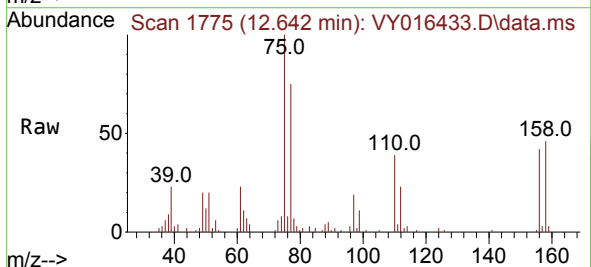
Acq: 21 Nov 2023 13:25

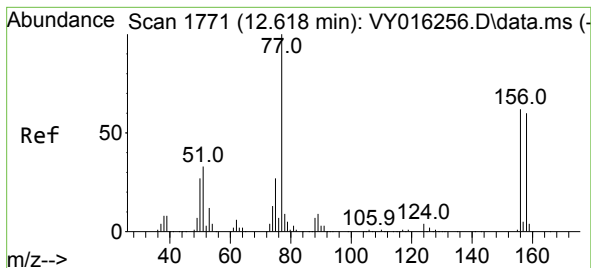
Tgt Ion: 75 Resp: 28626

Ion Ratio Lower Upper

75 100

77 211.6 0.0 0.0#





#77

Bromobenzene

Concen: 20.588 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

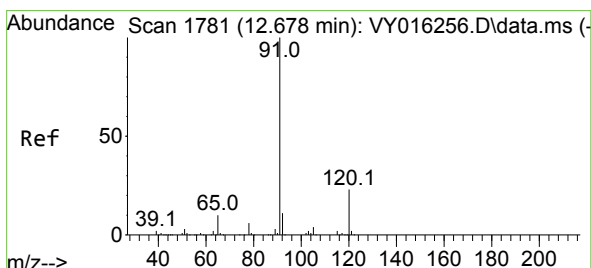
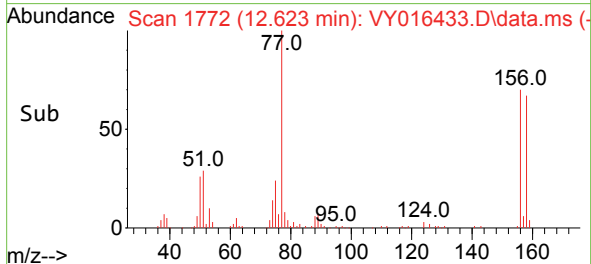
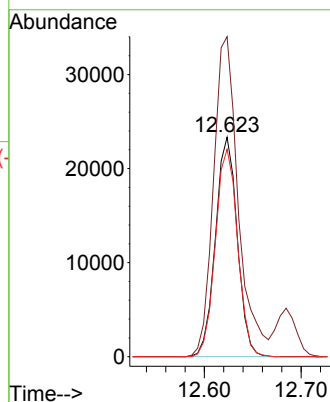
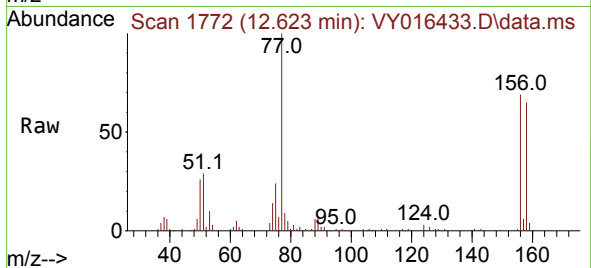
Tgt Ion:156 Resp: 36488

Ion Ratio Lower Upper

156 100

77 166.0 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 21.259 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016433.D

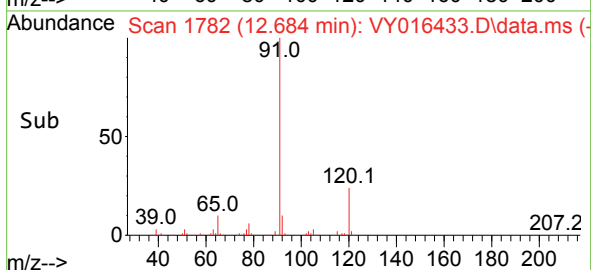
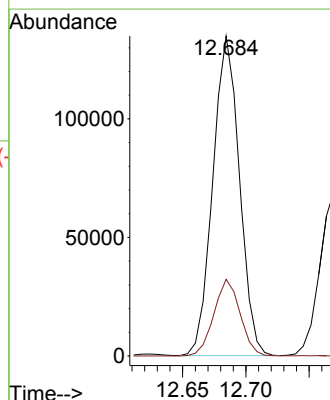
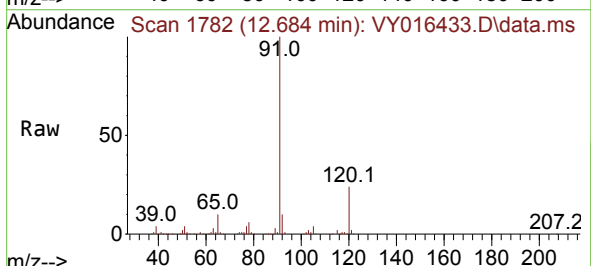
Acq: 21 Nov 2023 13:25

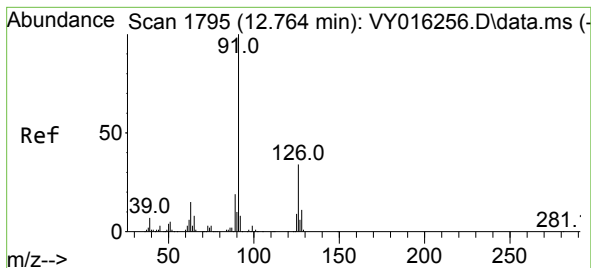
Tgt Ion: 91 Resp: 197008

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.184 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

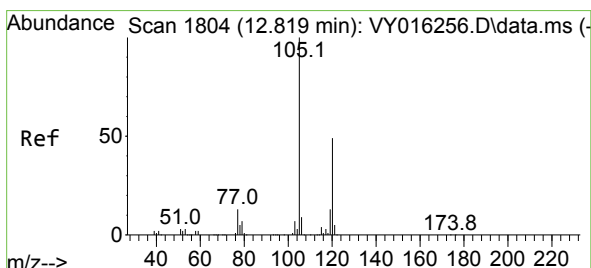
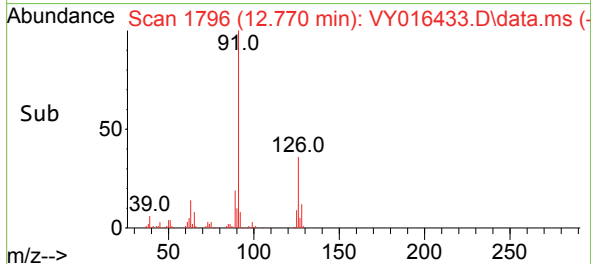
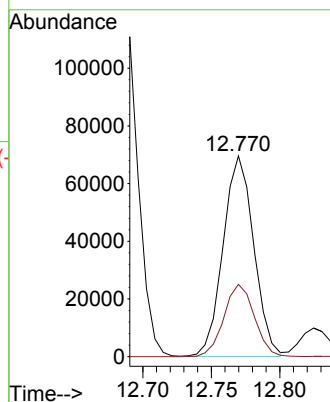
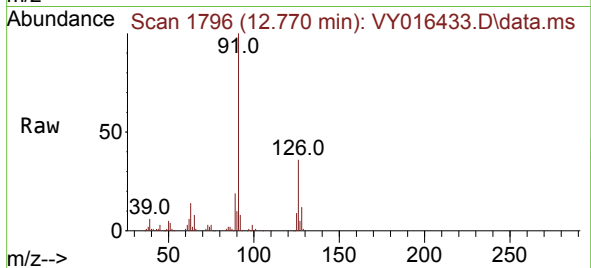
ClientSampleId :

Tgt Ion: 91 Resp: 108191

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.451 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016433.D

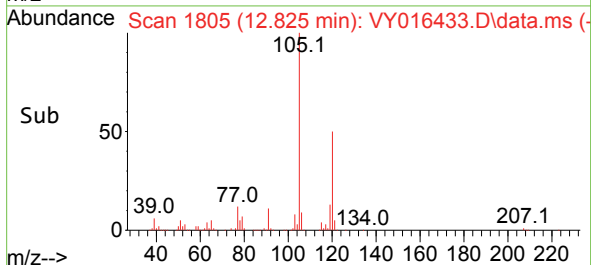
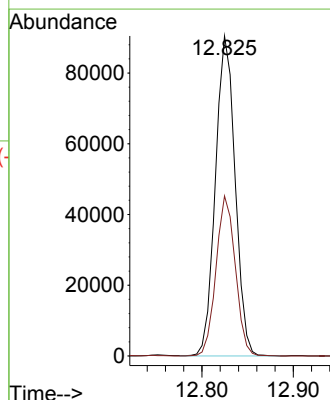
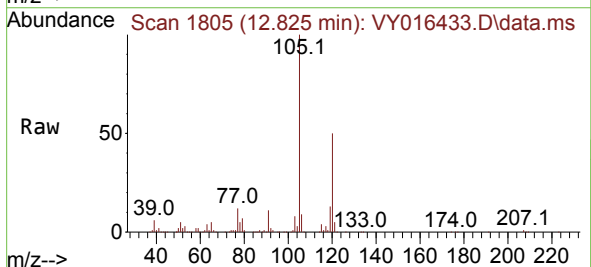
Acq: 21 Nov 2023 13:25

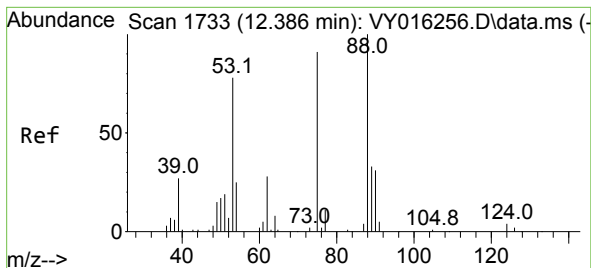
Tgt Ion:105 Resp: 135623

Ion Ratio Lower Upper

105 100

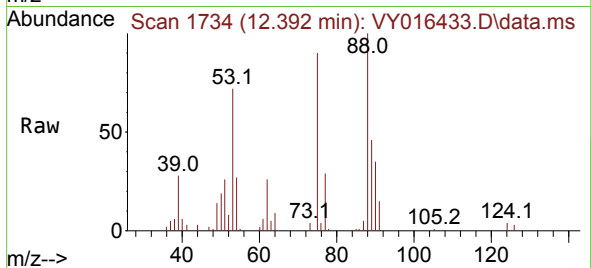
120 48.9 23.9 71.7



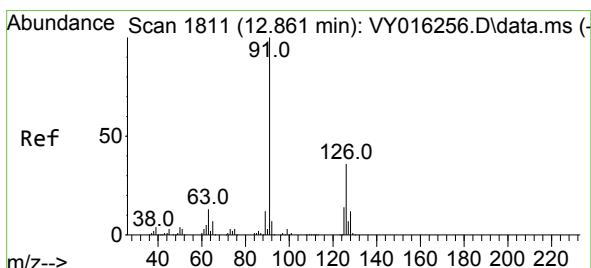
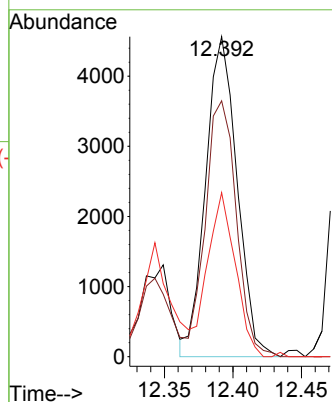
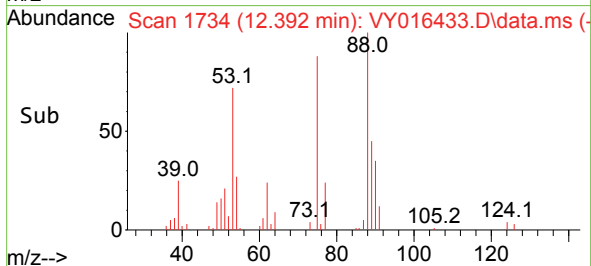


#81
trans-1,4-Dichloro-2-butene
Concen: 16.973 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Instrument :
MSVOA_Y
ClientSampleId :

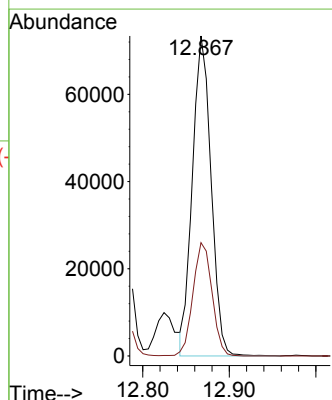
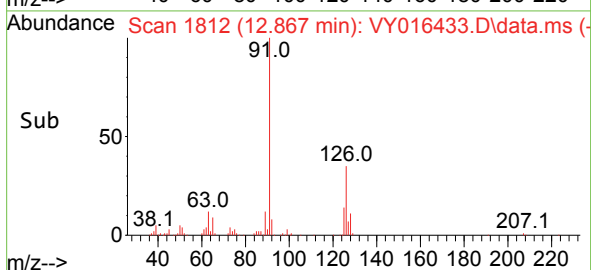
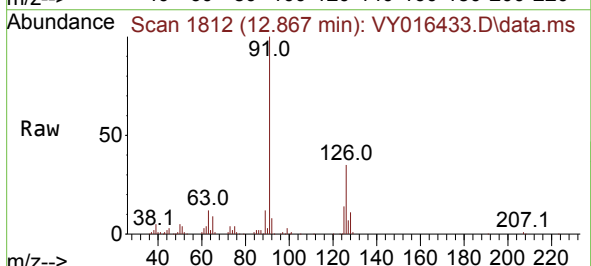


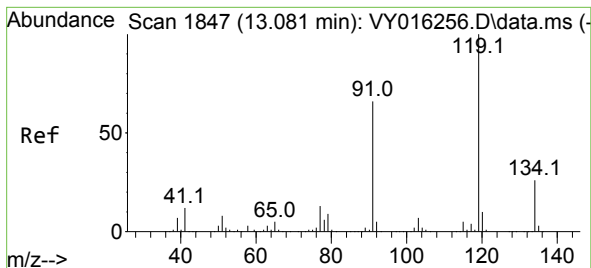
Tgt Ion:	75	Resp:	7264
Ion	Ratio	Lower	Upper
75	100		
53	78.3	77.8	116.8
89	45.7	37.4	56.0



#82
4-Chlorotoluene
Concen: 20.873 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016433.D
Acq: 21 Nov 2023 13:25

Tgt Ion:	91	Resp:	110153
Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.2	51.6





#83

tert-Butylbenzene

Concen: 21.629 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

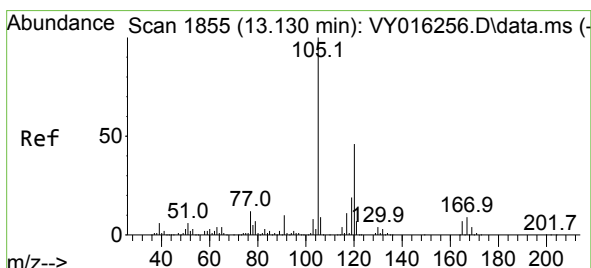
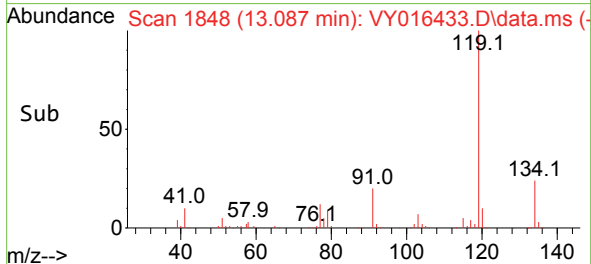
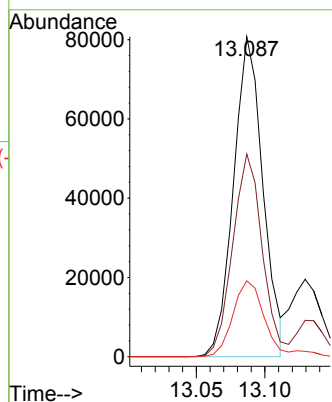
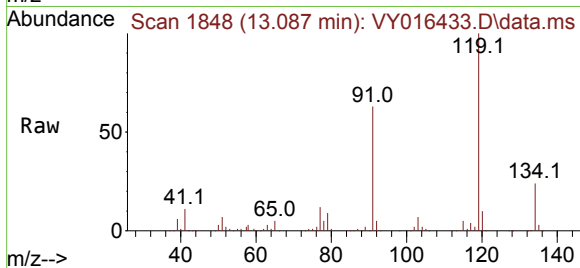
Tgt Ion:119 Resp: 120449

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.308 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016433.D

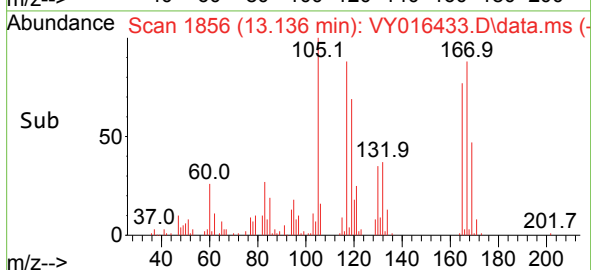
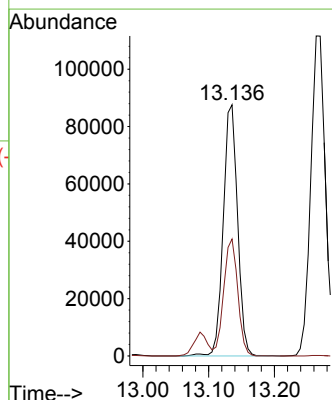
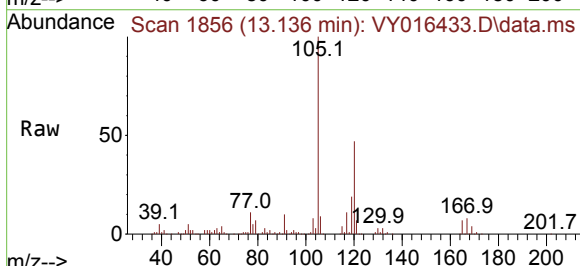
Acq: 21 Nov 2023 13:25

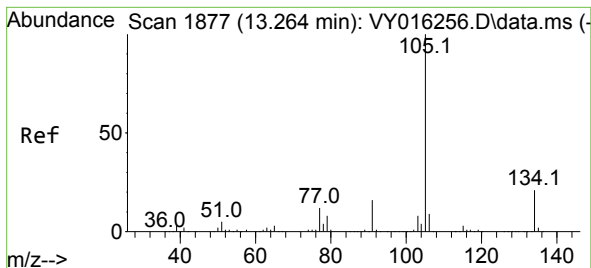
Tgt Ion:105 Resp: 132650

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.654 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

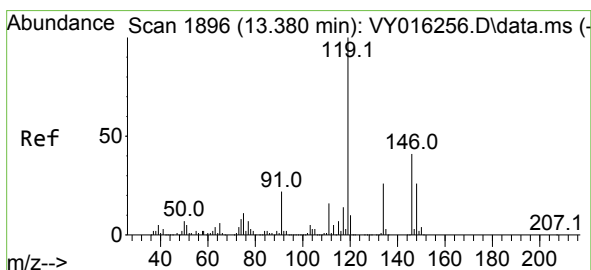
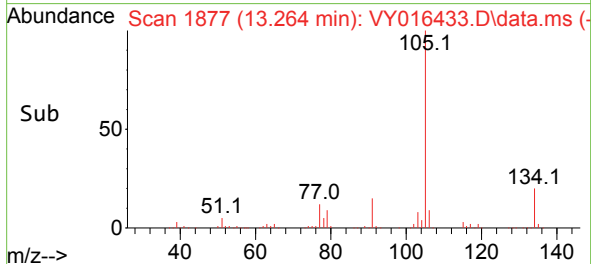
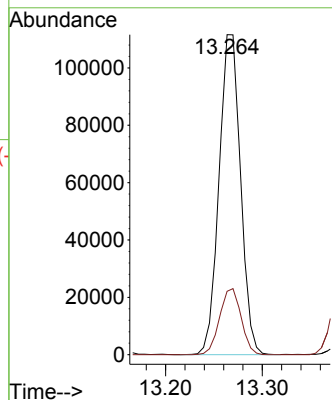
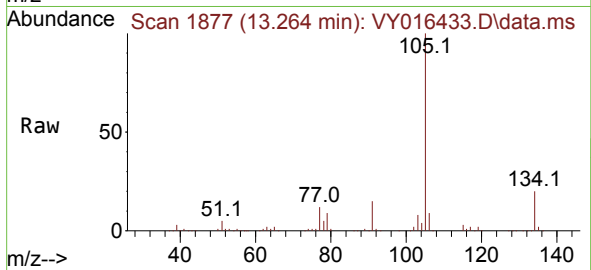
ClientSampleId :

Tgt Ion:105 Resp: 172274

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.818 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

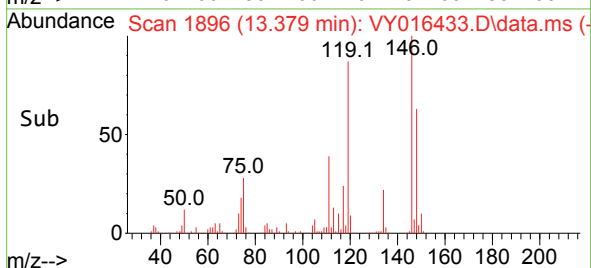
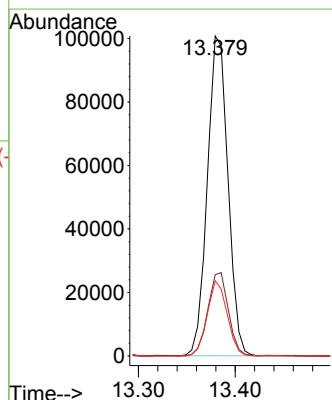
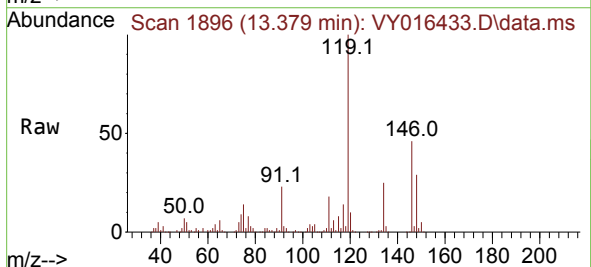
Tgt Ion:119 Resp: 149466

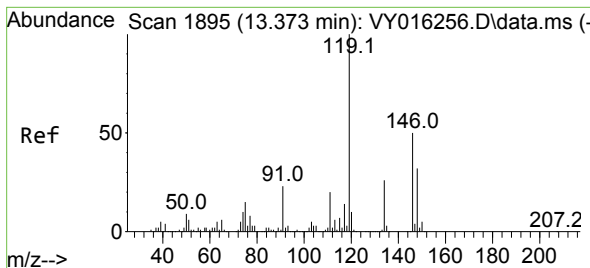
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.921 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

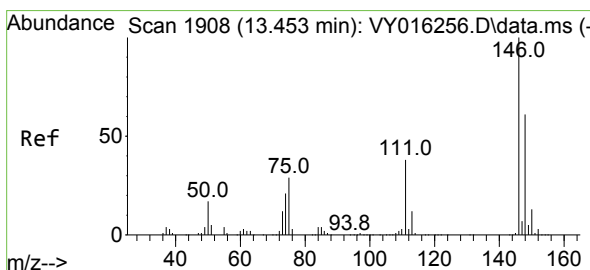
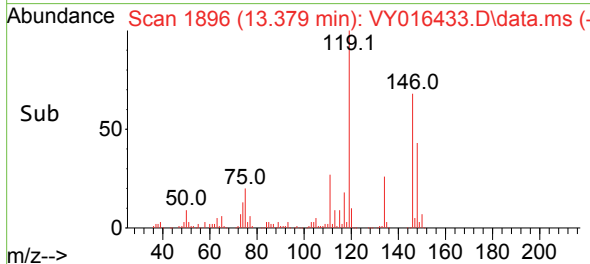
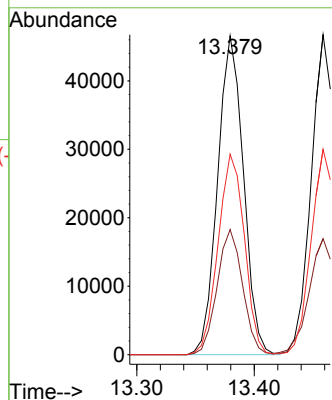
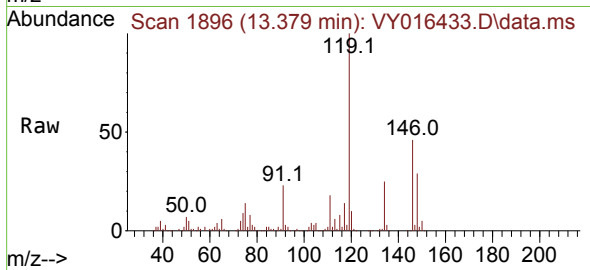
Tgt Ion:146 Resp: 71335

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.903 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

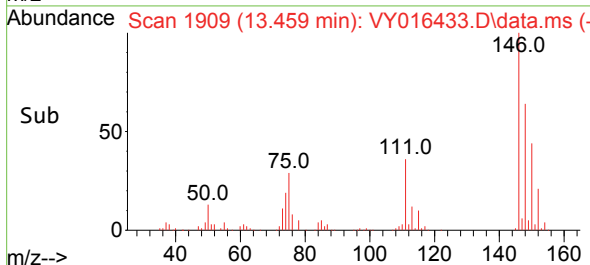
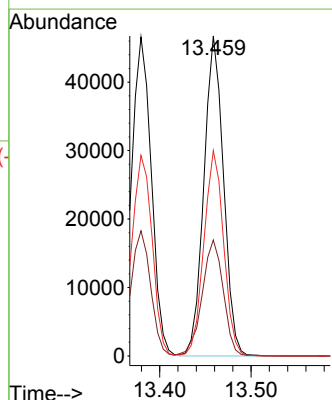
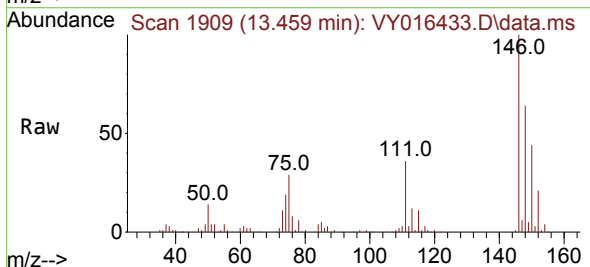
Tgt Ion:146 Resp: 69654

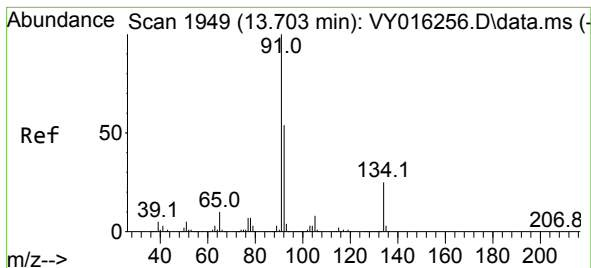
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.989 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

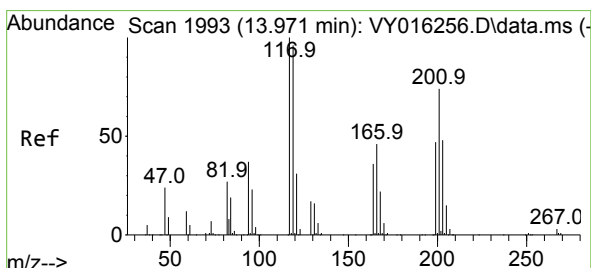
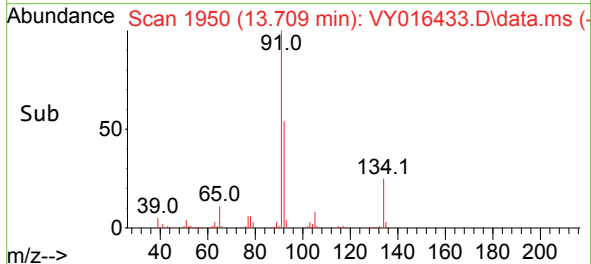
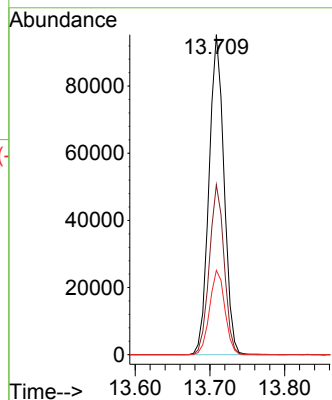
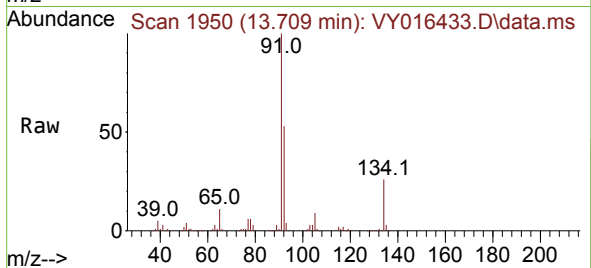
Tgt Ion: 91 Resp: 132785

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 21.664 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016433.D

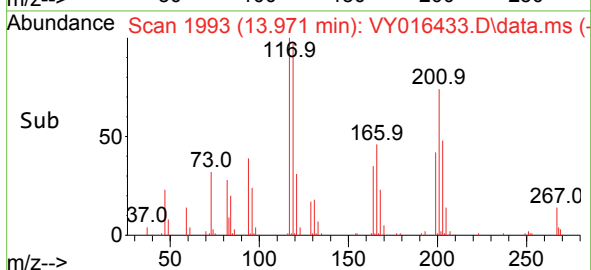
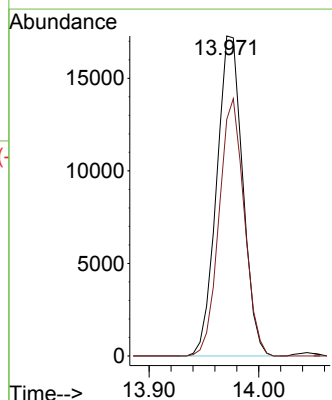
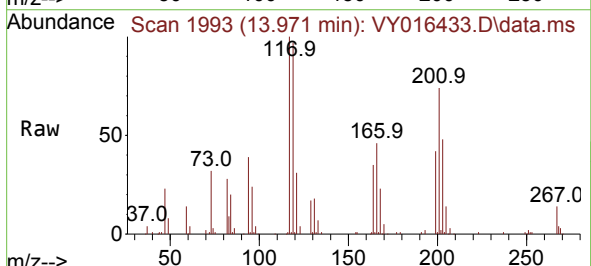
Acq: 21 Nov 2023 13:25

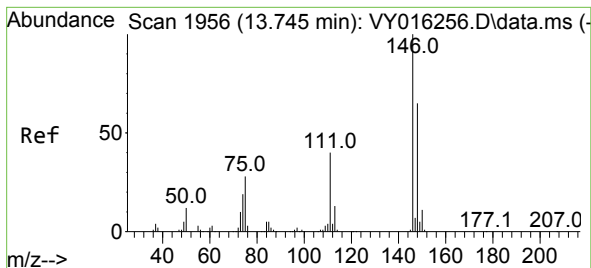
Tgt Ion: 117 Resp: 28628

Ion Ratio Lower Upper

117 100

201 77.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.168 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

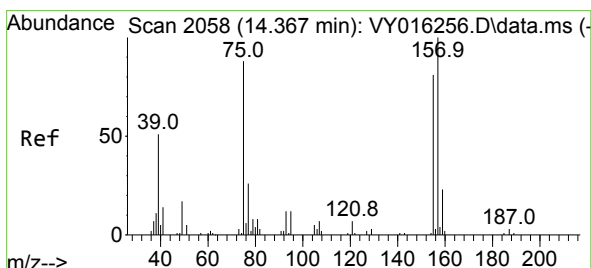
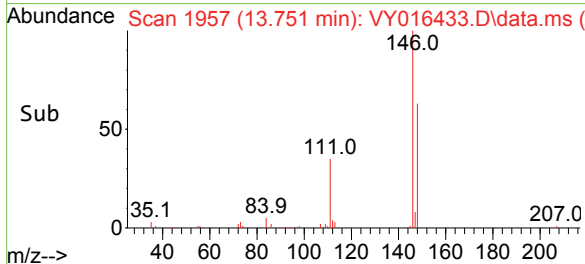
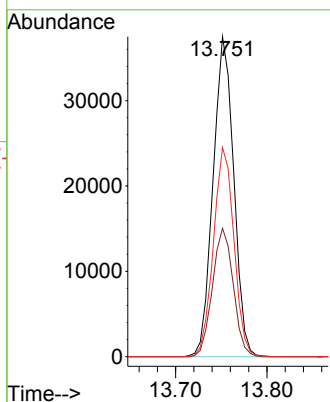
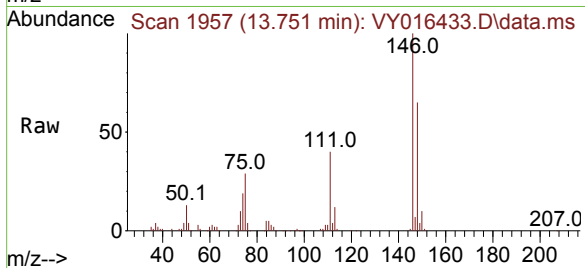
Tgt Ion:146 Resp: 58927

Ion Ratio Lower Upper

146 100

111 40.2 19.7 59.0

148 64.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.291 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

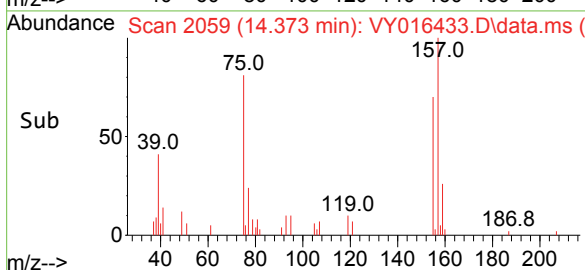
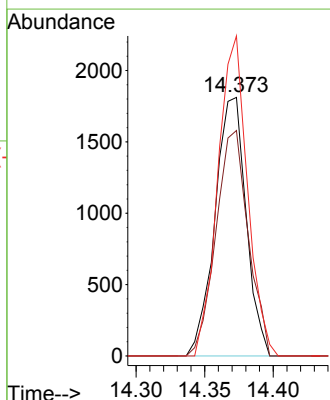
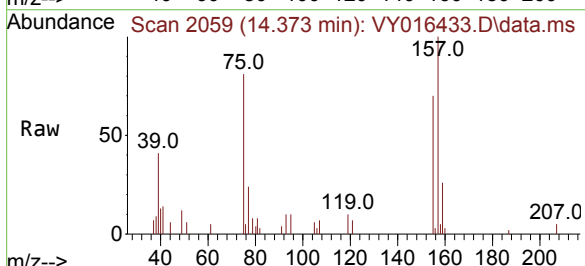
Tgt Ion: 75 Resp: 2861

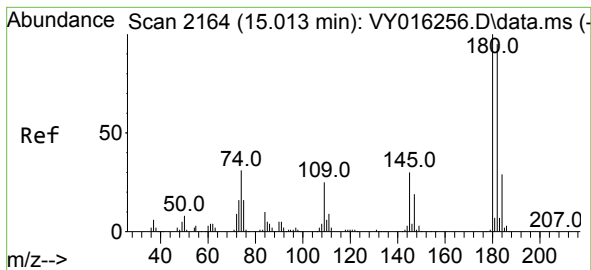
Ion Ratio Lower Upper

75 100

155 90.4 41.5 124.6

157 117.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.967 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

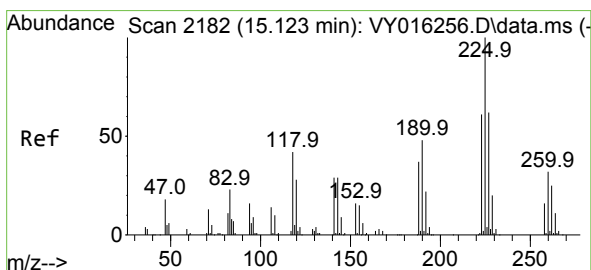
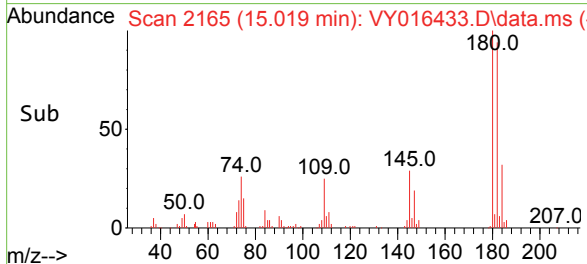
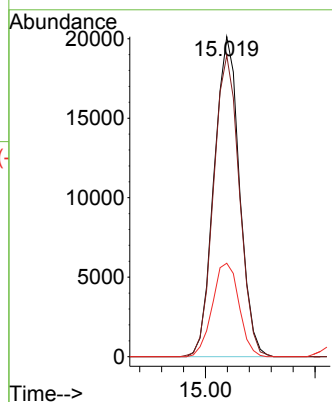
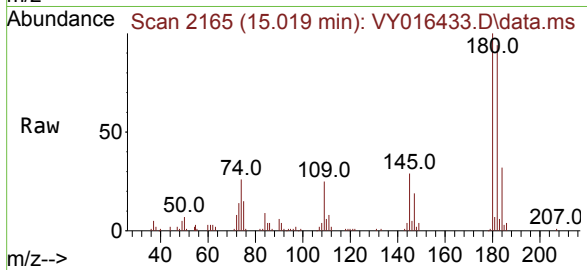
Tgt Ion:180 Resp: 32347

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.768 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

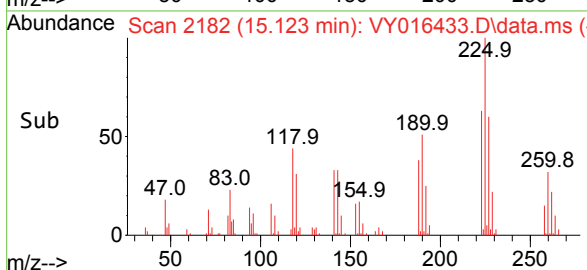
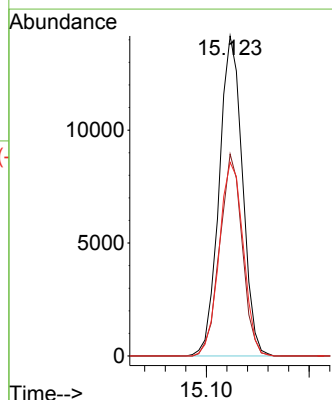
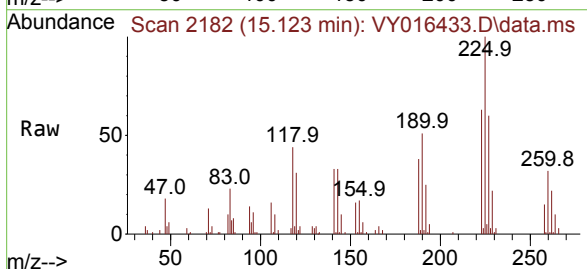
Tgt Ion:225 Resp: 22246

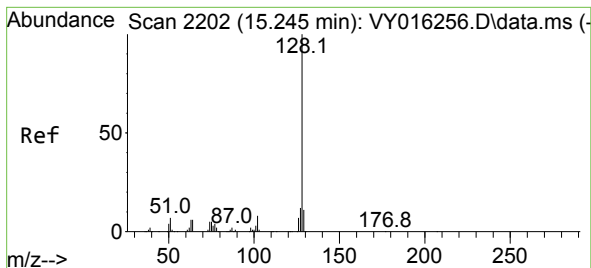
Ion Ratio Lower Upper

225 100

223 61.0 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 15.481 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

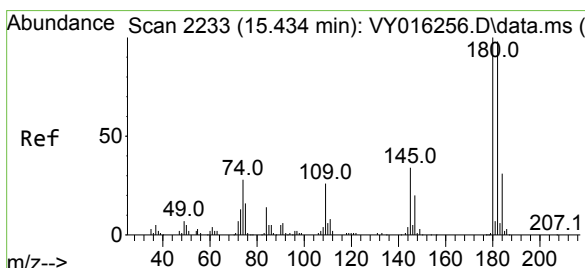
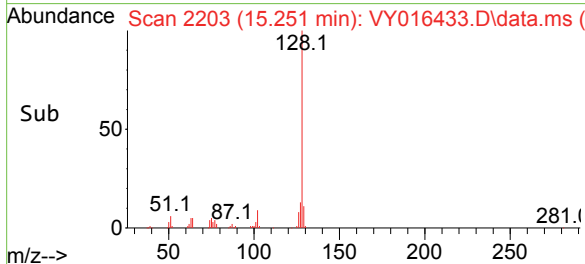
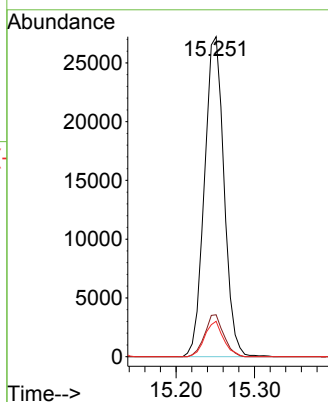
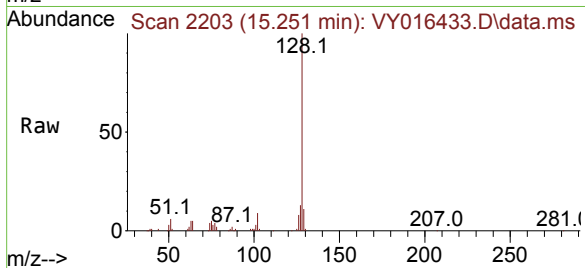
Tgt Ion:128 Resp: 47220

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.557 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016433.D

Acq: 21 Nov 2023 13:25

Tgt Ion:180 Resp: 24766

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.8 15.4 46.2

