

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016382.D
 Acq On : 16 Nov 2023 12:06
 Operator : SY/MD
 Sample : VY1116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:03:54 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	7.789	168	161338	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	258316	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	224436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71893	48.755	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.520%
35) Dibromofluoromethane	7.722	113	76375	52.048	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.100%
50) Toluene-d8	10.185	98	291553	48.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.483	95	95908	49.625	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30681	19.421	ug/l	96
3) Chloromethane	2.113	50	31836	17.207	ug/l	99
4) Vinyl Chloride	2.247	62	34478	17.330	ug/l	96
5) Bromomethane	2.644	94	23237	17.773	ug/l	97
6) Chloroethane	2.790	64	22853	18.002	ug/l	98
7) Trichlorofluoromethane	3.125	101	57707	19.937	ug/l	98
8) Diethyl Ether	3.528	74	16822	19.446	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	33439	19.181	ug/l	95
10) Methyl Iodide	4.088	142	34244	18.187	ug/l	98
11) Tert butyl alcohol	4.966	59	11538	99.922	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	30712	18.837	ug/l	86
13) Acrolein	3.729	56	13271	95.285	ug/l	95
14) Allyl chloride	4.479	41	42722	18.465	ug/l #	92
15) Acrylonitrile	5.161	53	34375	100.129	ug/l	98
16) Acetone	3.942	43	33348	136.722	ug/l #	85
17) Carbon Disulfide	4.192	76	79039	16.067	ug/l	99
18) Methyl Acetate	4.472	43	25862	19.954	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	77925	19.748	ug/l	99
20) Methylene Chloride	4.716	84	41316	22.031	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	34886	18.584	ug/l	89
22) Diisopropyl ether	6.119	45	96007	19.255	ug/l #	87
23) Vinyl Acetate	6.058	43	232685	96.310	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	59659	19.395	ug/l	97
25) 2-Butanone	6.984	43	48627	113.821	ug/l #	86
26) 2,2-Dichloropropane	6.984	77	55644	19.876	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	39376	19.464	ug/l	91
28) Bromochloromethane	7.338	49	22435	19.707	ug/l	86
29) Tetrahydrofuran	7.350	42	27398	97.025	ug/l #	85
30) Chloroform	7.508	83	63705	19.897	ug/l	97
31) Cyclohexane	7.789	56	51230	17.646	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	59193	20.168	ug/l	97
36) 1,1-Dichloropropene	7.917	75	47394	18.600	ug/l	99
37) Ethyl Acetate	7.076	43	20022	19.448	ug/l	95
38) Carbon Tetrachloride	7.905	117	53709	20.310	ug/l	98
39) Methylcyclohexane	9.185	83	57085	17.980	ug/l	91
40) Benzene	8.161	78	138380	19.330	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11563	22.275	ug/l #	86
42) 1,2-Dichloroethane	8.240	62	37738	20.346	ug/l	93
43) Isopropyl Acetate	8.271	43	38949	19.572	ug/l #	90
44) Trichloroethene	8.941	130	40150	19.515	ug/l	98
45) 1,2-Dichloropropane	9.216	63	34112	19.841	ug/l	94
46) Dibromomethane	9.307	93	18686	20.057	ug/l	98
47) Bromodichloromethane	9.502	83	48446	20.226	ug/l	99
48) Methyl methacrylate	9.295	41	20945	19.044	ug/l #	83
49) 1,4-Dioxane	9.301	88	4103	414.827	ug/l #	64
51) 4-Methyl-2-Pentanone	10.075	43	102465	101.822	ug/l	90
52) Toluene	10.246	92	88103	19.469	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	46250	19.919	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	54972	19.822	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	26628	20.737	ug/l	97
56) Ethyl methacrylate	10.514	69	24336	20.077	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	43915	20.063	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	79863	97.166	ug/l	92
59) 2-Hexanone	10.837	43	82006	109.557	ug/l	87
60) Dibromochloromethane	10.990	129	33720	20.997	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25259	20.647	ug/l	100
64) Tetrachloroethene	10.721	164	40250	19.973	ug/l	96
65) Chlorobenzene	11.520	112	95080	19.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	36994	20.917	ug/l	99
67) Ethyl Benzene	11.599	91	168836	19.592	ug/l	97
68) m/p-Xylenes	11.709	106	129886	39.738	ug/l	96
69) o-Xylene	12.032	106	61542	20.279	ug/l	96
70) Styrene	12.050	104	87035	20.029	ug/l	98
71) Bromoform	12.215	173	19808	21.584	ug/l #	99
73) Isopropylbenzene	12.337	105	168957	19.591	ug/l	99
74) N-amyl acetate	12.148	43	31724	18.313	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.587	83	27787	20.079	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	37223	36.433	ug/l #	100
77) Bromobenzene	12.611	156	38045	19.518	ug/l	96
78) n-propylbenzene	12.678	91	196032	19.234	ug/l	99
79) 2-Chlorotoluene	12.764	91	109626	19.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	136031	19.563	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	9192	19.529	ug/l	94
82) 4-Chlorotoluene	12.861	91	111873	19.275	ug/l	97
83) tert-Butylbenzene	13.081	119	120852	19.732	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	134766	19.683	ug/l	98
85) sec-Butylbenzene	13.257	105	173298	19.806	ug/l	100
86) p-Isopropyltoluene	13.373	119	149328	19.820	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	74036	19.743	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	73524	20.062	ug/l	99
89) n-Butylbenzene	13.703	91	136107	19.561	ug/l	97
90) Hexachloroethane	13.965	117	27994	19.261	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	63252	19.684	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4309	19.570	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	36996	19.724	ug/l	98
94) Hexachlorobutadiene	15.117	225	22493	20.932	ug/l	96
95) Naphthalene	15.245	128	65934	19.654	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	30542	19.687	ug/l	99

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

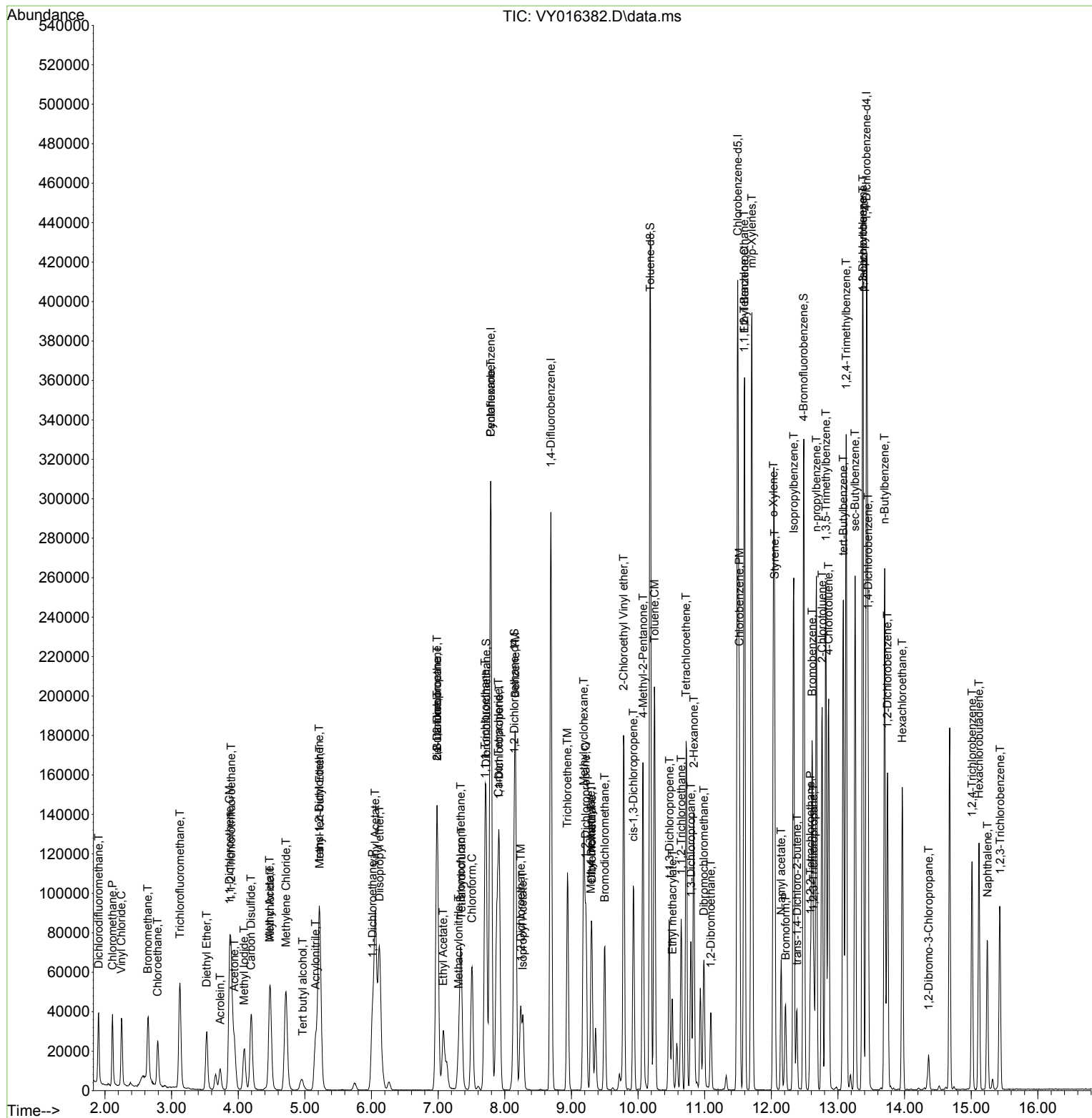
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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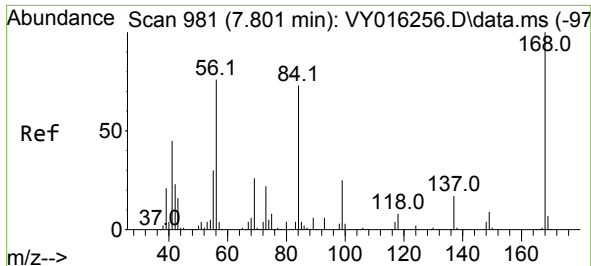
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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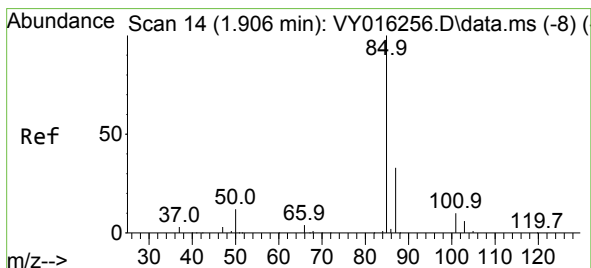
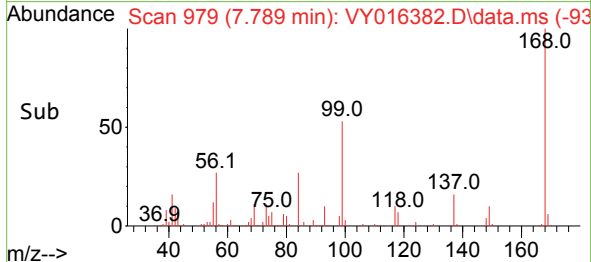
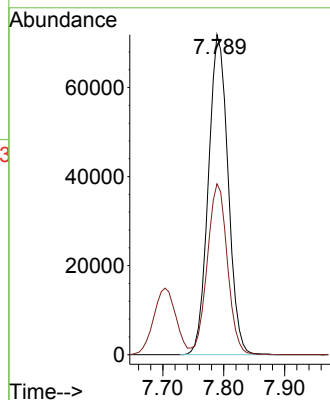
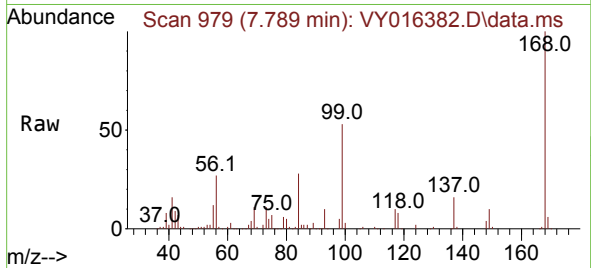




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016382.D
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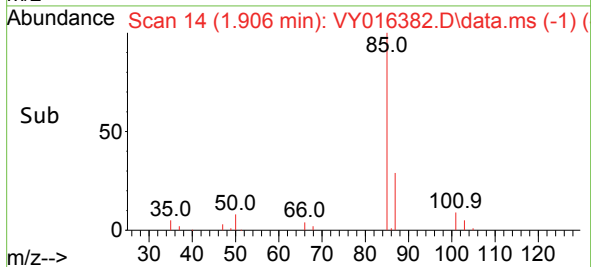
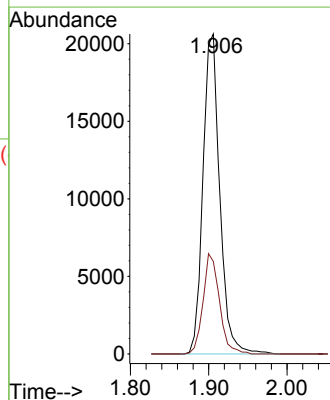
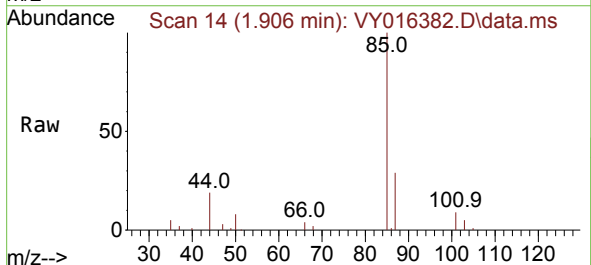
Instrument :
MSVOA_Y
ClientSampleId :

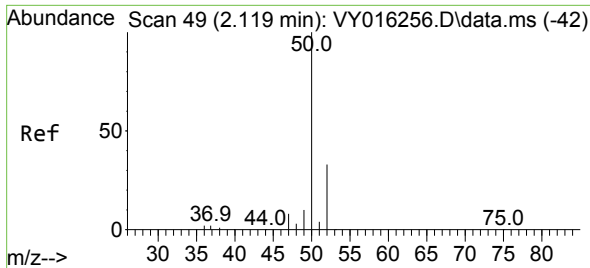
Tgt Ion:168 Resp: 161338
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.421 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 85 Resp: 30681
Ion Ratio Lower Upper
85 100
87 28.9 15.6 46.8

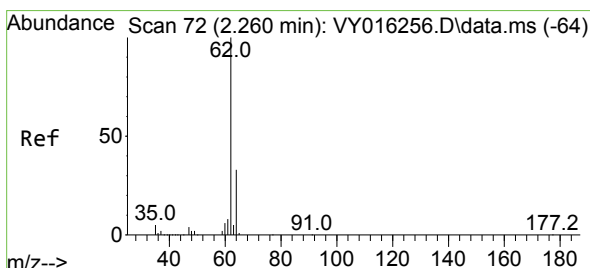
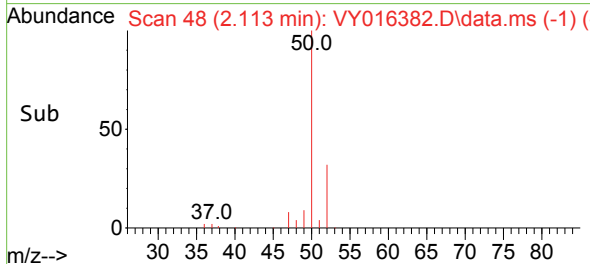
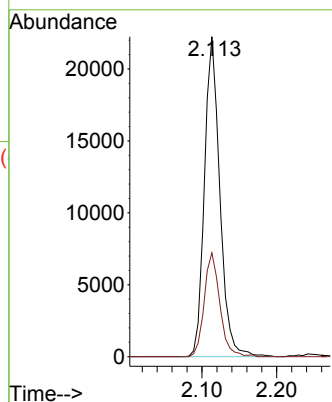
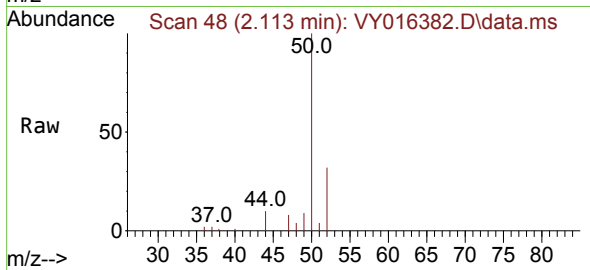




#3
Chloromethane
Concen: 17.207 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

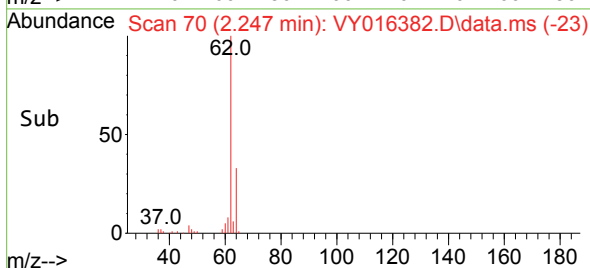
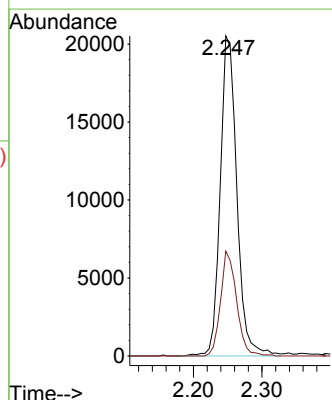
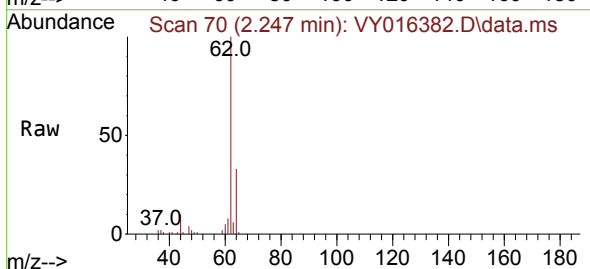
Instrument :
MSVOA_Y
ClientSampleId :

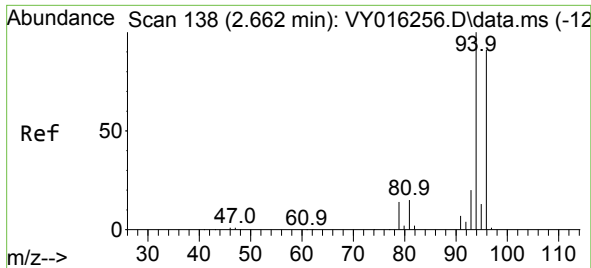
Tgt Ion: 50 Resp: 31836
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 17.330 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 62 Resp: 34478
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5

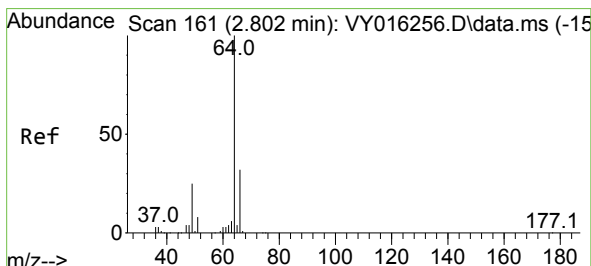
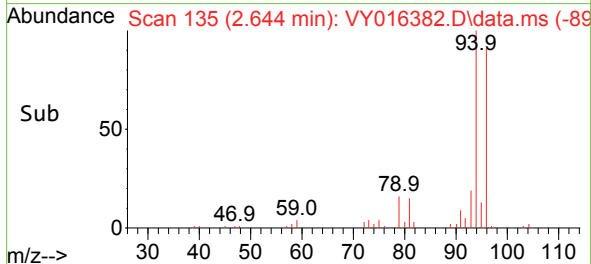
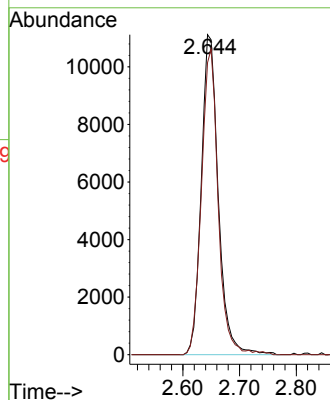
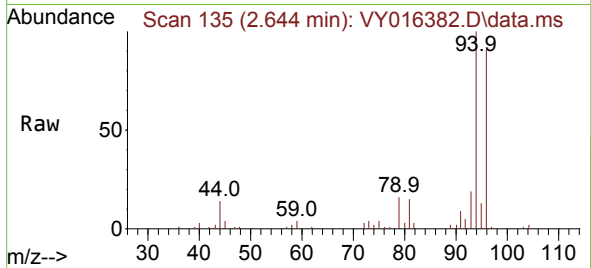




#5
Bromomethane
Concen: 17.773 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

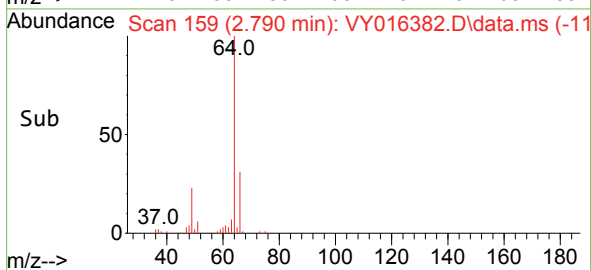
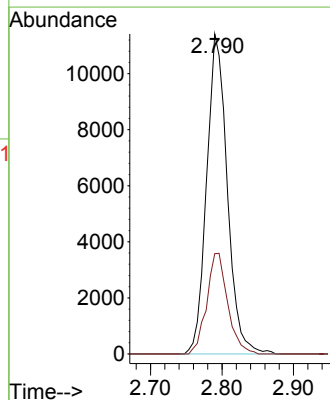
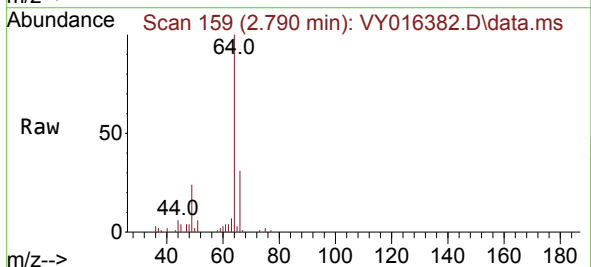
Instrument :
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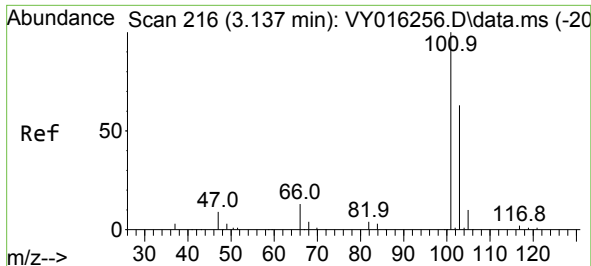
Tgt Ion: 94 Resp: 23237
Ion Ratio Lower Upper
94 100
96 91.3 75.8 113.6



#6
Chloroethane
Concen: 18.002 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY016382.D
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Tgt Ion: 64 Resp: 22853
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

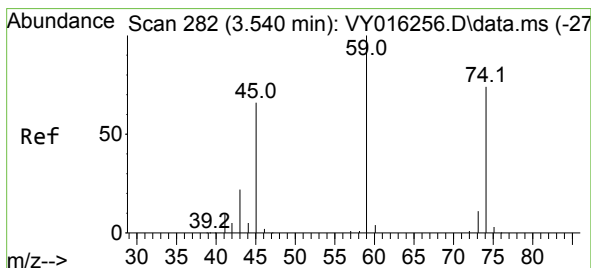
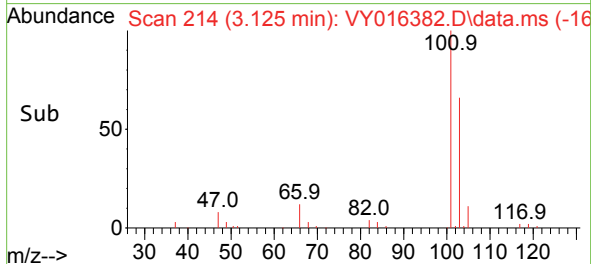
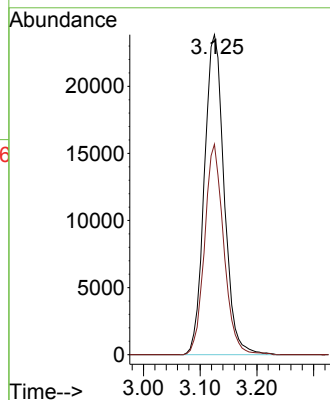
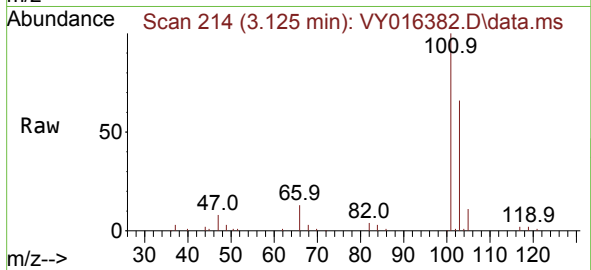




#7
Trichlorofluoromethane
Concen: 19.937 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

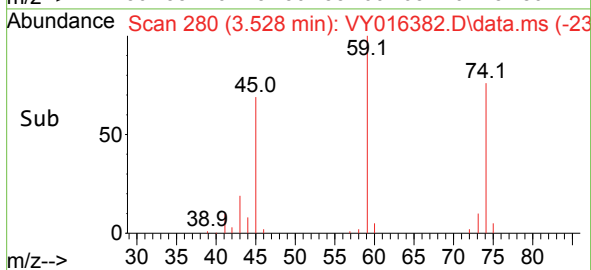
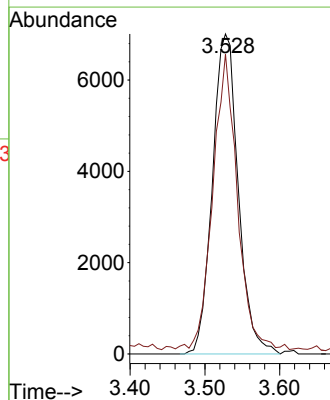
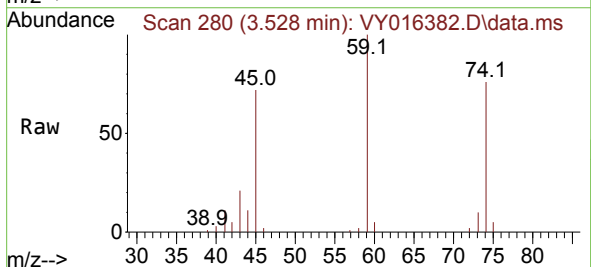
Instrument :
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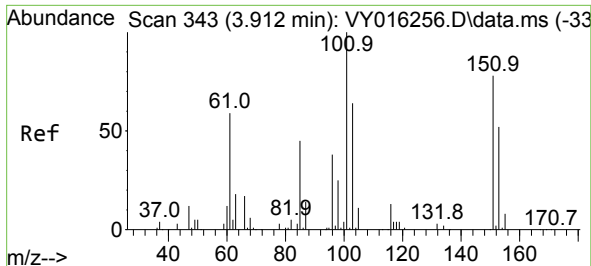
Tgt Ion:101 Resp: 57707
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.0



#8
Diethyl Ether
Concen: 19.446 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 74 Resp: 16822
Ion Ratio Lower Upper
74 100
45 86.8 51.5 154.5

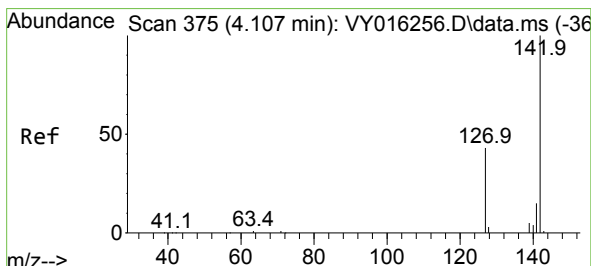
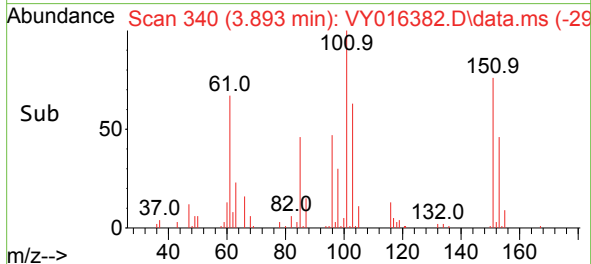
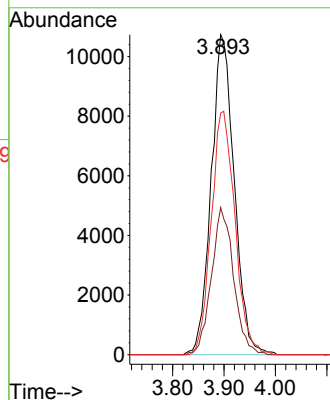
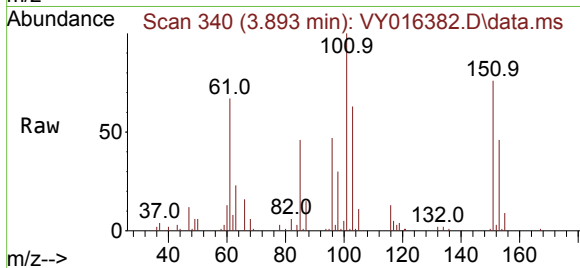




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.181 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

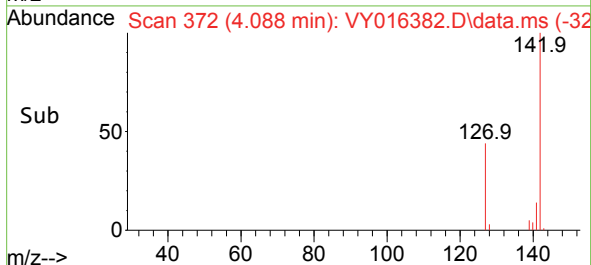
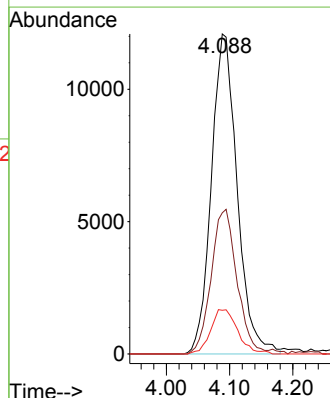
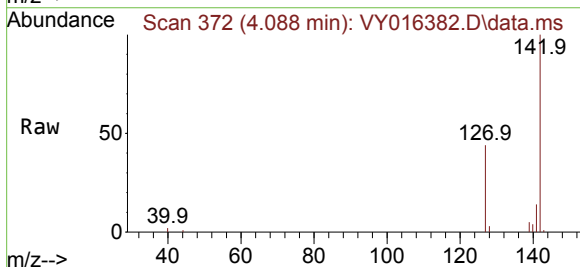
Instrument :
MSVOA_Y
ClientSampleId :

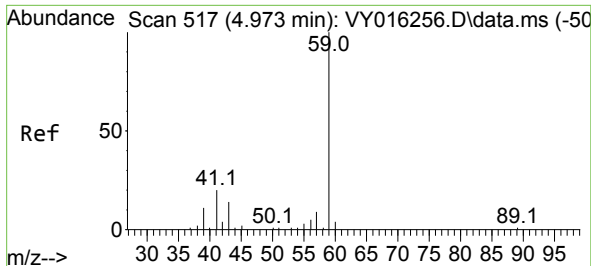
Tgt Ion:101 Resp: 33439
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 78.5 67.0 100.6



#10
Methyl Iodide
Concen: 18.187 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion:142 Resp: 34244
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.5 11.8 17.8

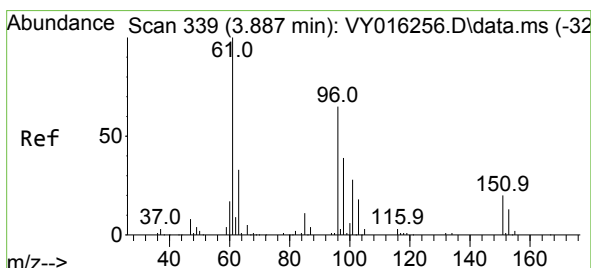
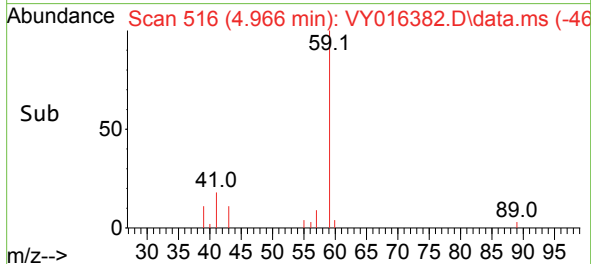
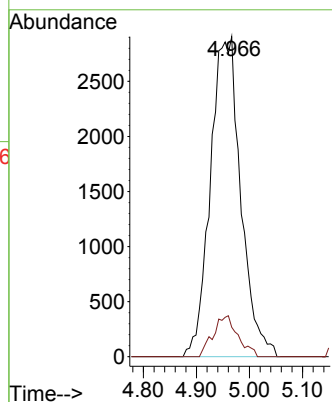
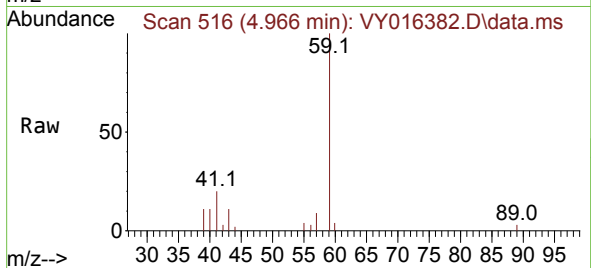




#11
Tert butyl alcohol
Concen: 99.922 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

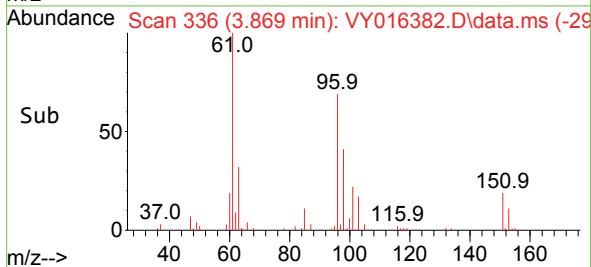
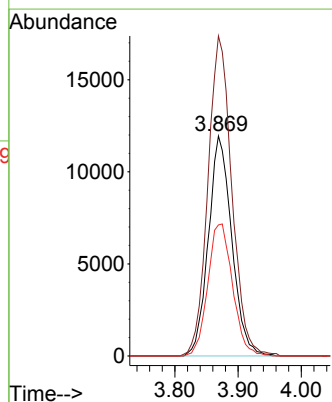
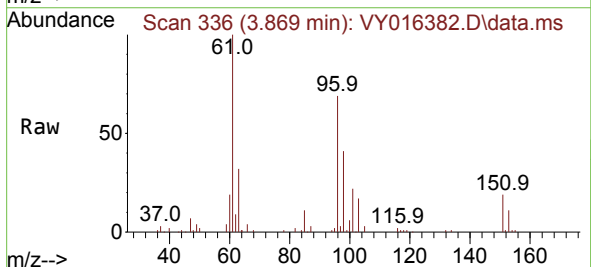
Instrument :
MSVOA_Y
ClientSampleId :

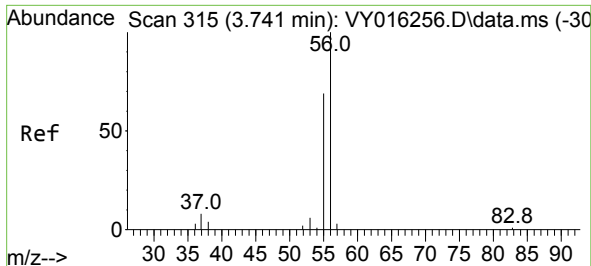
Tgt Ion: 59 Resp: 11538
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.837 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 96 Resp: 30712
Ion Ratio Lower Upper
96 100
61 145.5 136.4 204.6
98 59.6 49.4 74.2





#13

Acrolein

Concen: 95.285 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

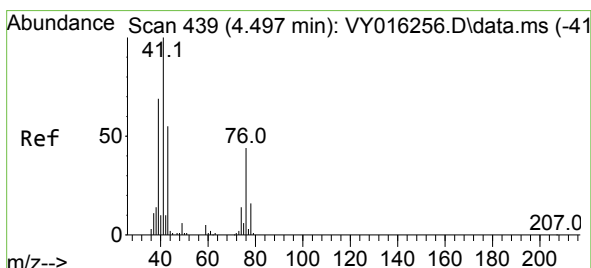
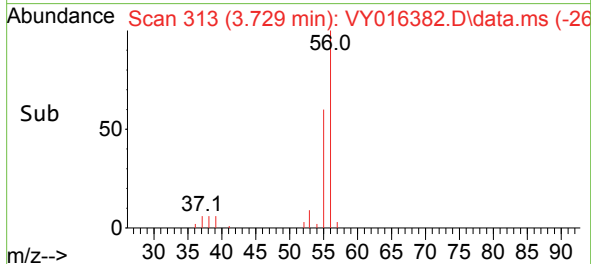
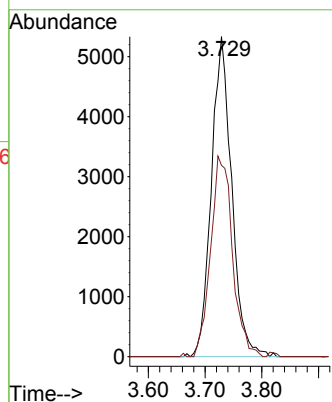
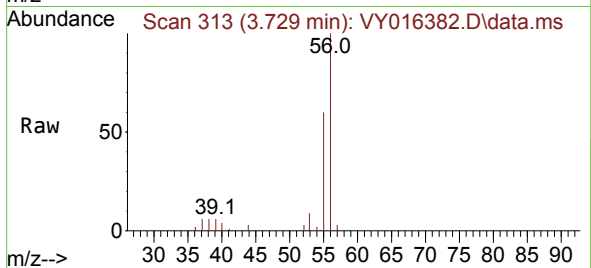
ClientSampleId :

Tgt Ion: 56 Resp: 13271

Ion Ratio Lower Upper

56 100

55 67.3 57.0 85.4



#14

Allyl chloride

Concen: 18.465 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.018 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

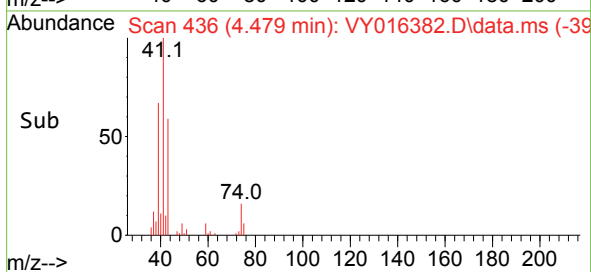
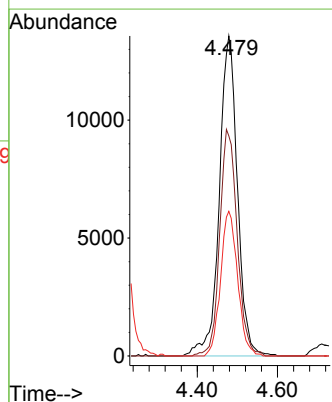
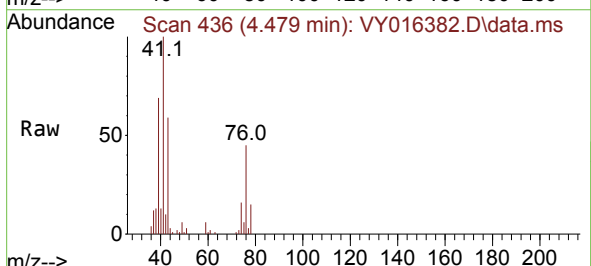
Tgt Ion: 41 Resp: 42722

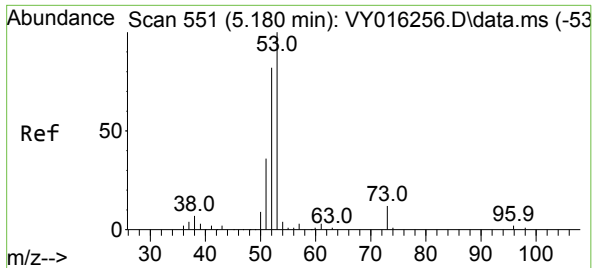
Ion Ratio Lower Upper

41 100

39 68.1 58.0 87.0

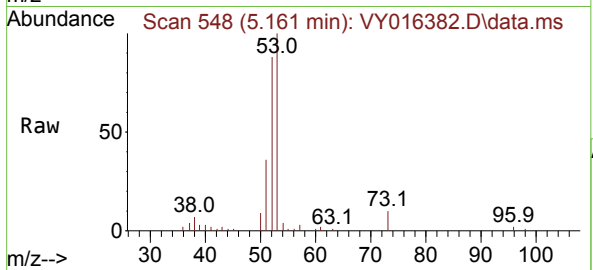
76 42.5 27.4 41.2#



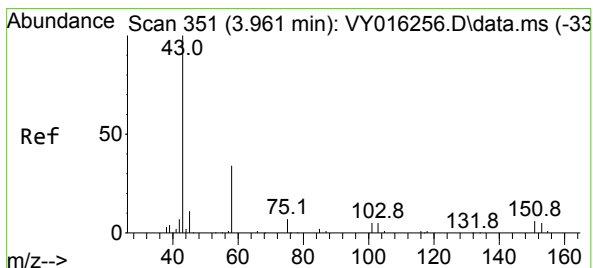
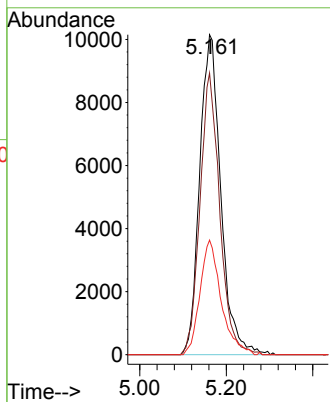
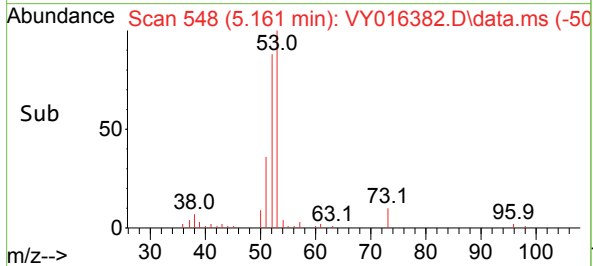


#15
Acrylonitrile
Concen: 100.129 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

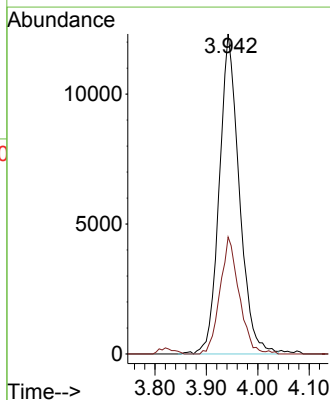
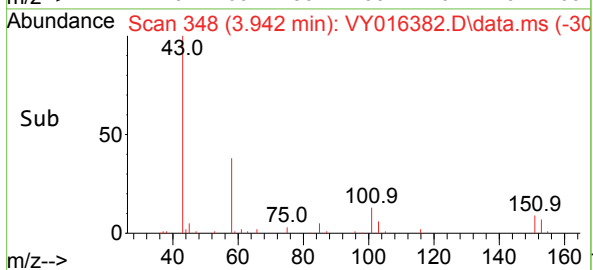
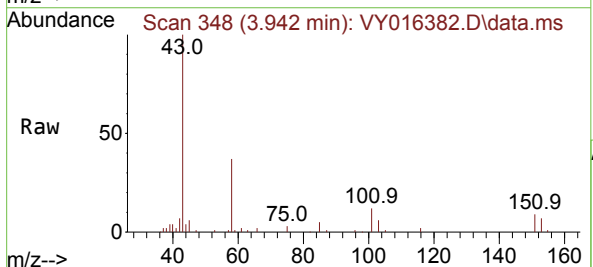


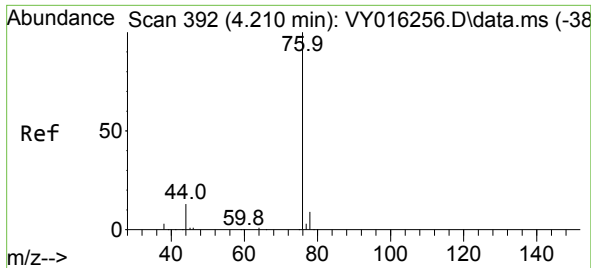
Tgt Ion: 53	Resp: 34375
Ion Ratio	Lower Upper
53 100	
52 82.2	66.9 100.3
51 36.0	29.8 44.6



#16
Acetone
Concen: 136.722 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 43	Resp: 33348
Ion Ratio	Lower Upper
43 100	
58 36.6	22.7 34.1#

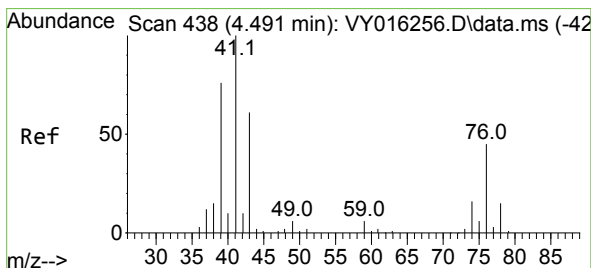
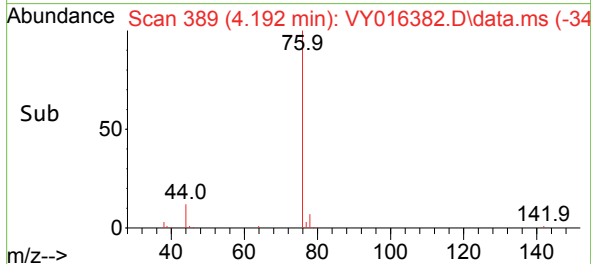
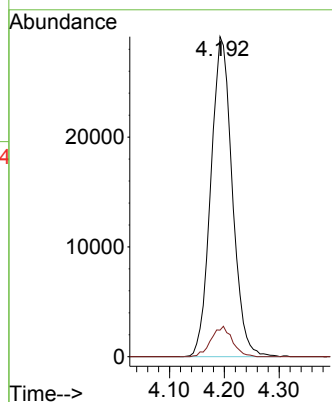
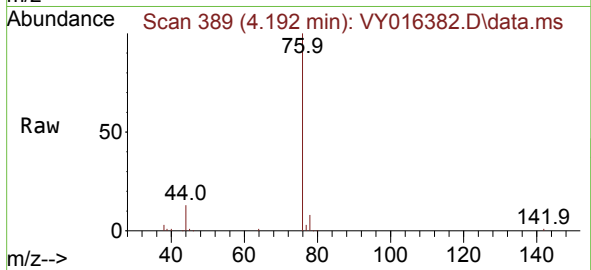




#17
Carbon Disulfide
Concen: 16.067 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

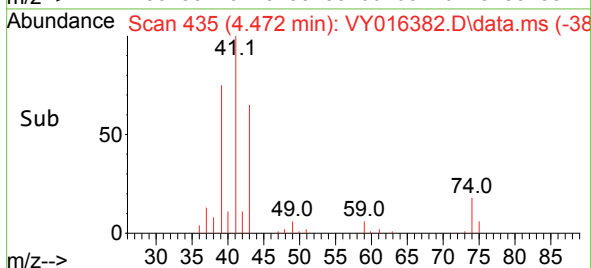
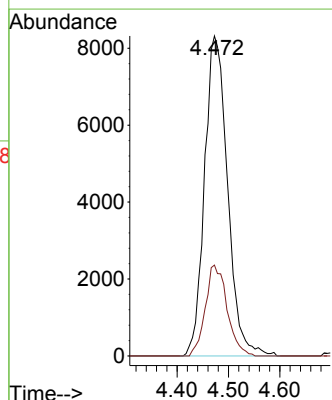
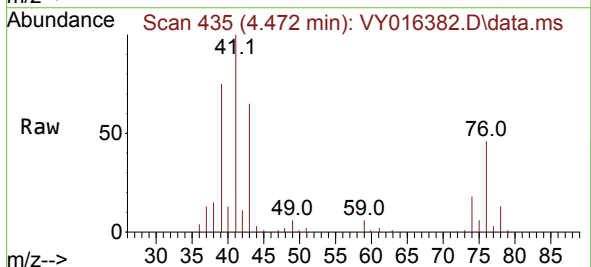
Instrument :
MSVOA_Y
ClientSampleId :

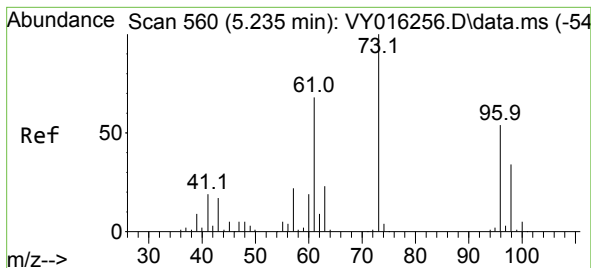
Tgt Ion: 76 Resp: 79039
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 19.954 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 43 Resp: 25862
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 19.748 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

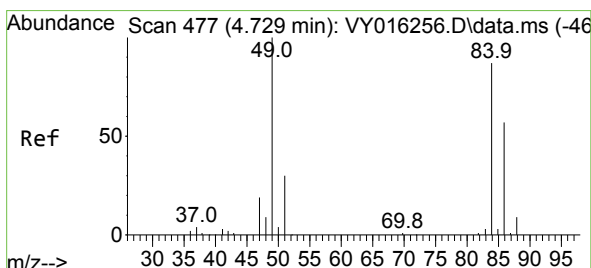
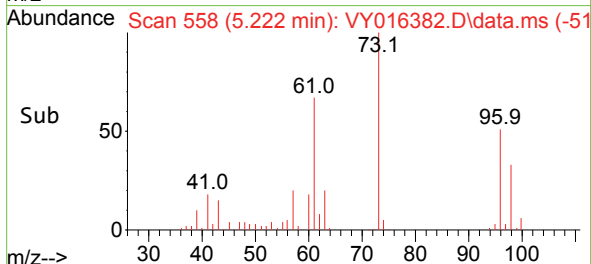
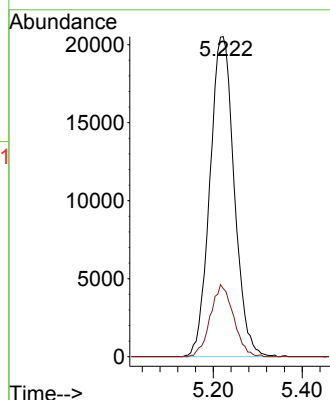
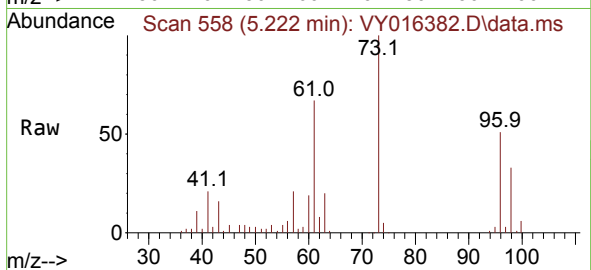
ClientSampleId :

Tgt Ion: 73 Resp: 77925

Ion Ratio Lower Upper

73 100

57 21.3 17.3 25.9



#20

Methylene Chloride

Concen: 22.031 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.013 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Tgt Ion: 84 Resp: 41316

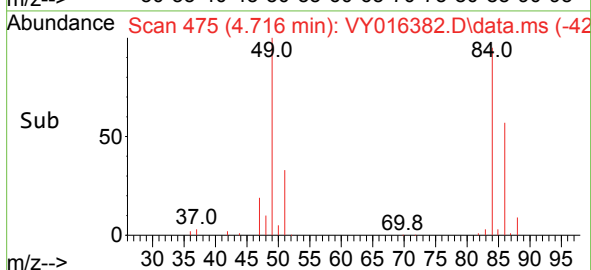
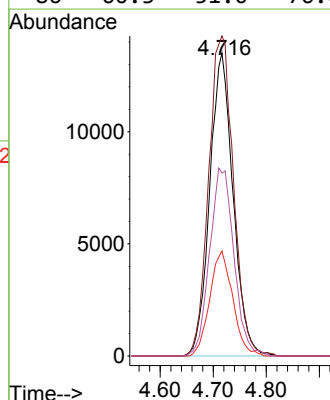
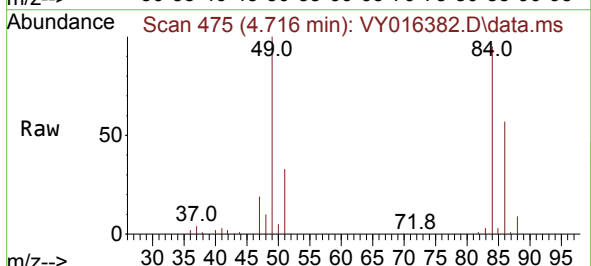
Ion Ratio Lower Upper

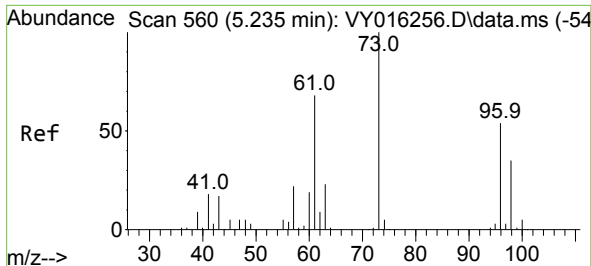
84 100

49 105.6 106.9 160.3#

51 34.7 33.2 49.8

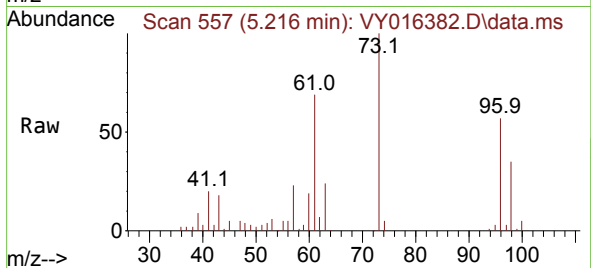
86 60.3 51.0 76.6



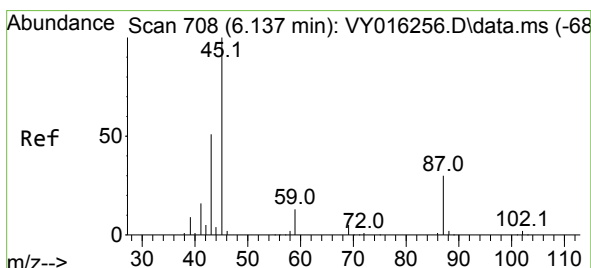
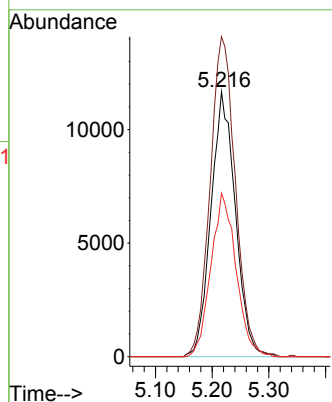
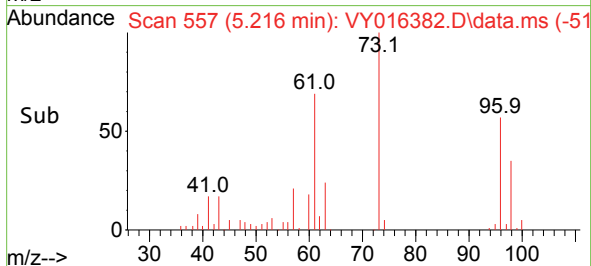


#21
trans-1,2-Dichloroethene
Concen: 18.584 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

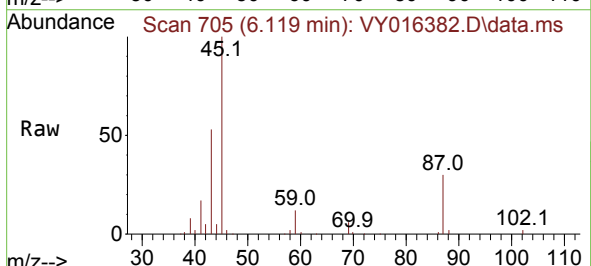
Instrument :
MSVOA_Y
ClientSampleId :



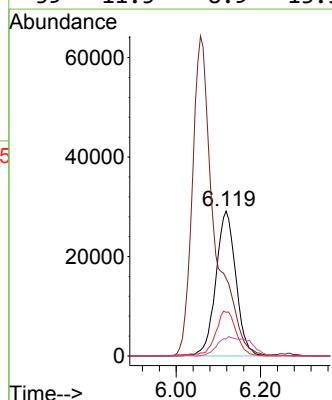
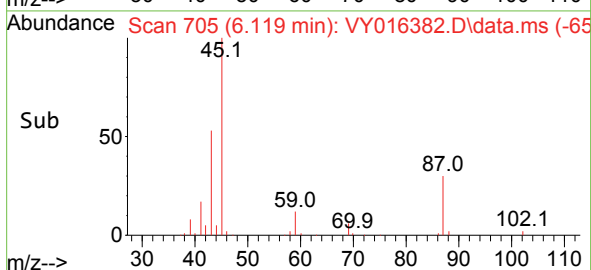
Tgt Ion: 96 Resp: 34886
Ion Ratio Lower Upper
96 100
61 120.7 110.2 165.4
98 61.7 51.8 77.6

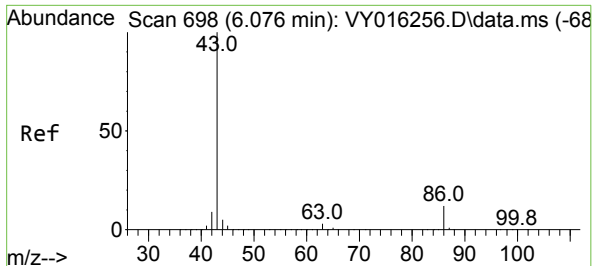


#22
Diisopropyl ether
Concen: 19.255 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06



Tgt Ion: 45 Resp: 96007
Ion Ratio Lower Upper
45 100
43 51.8 52.2 78.4#
87 30.2 21.0 31.6
59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 96.310 ug/l

RT: 6.058 min Scan# 695

Delta R.T. -0.018 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

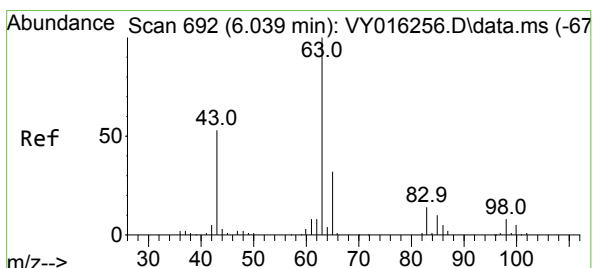
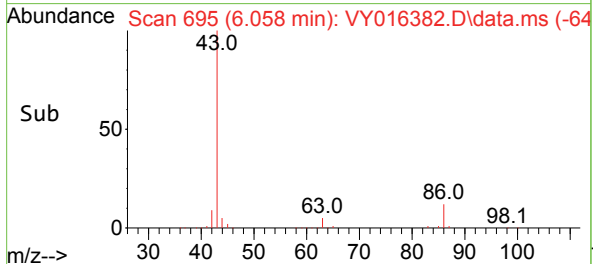
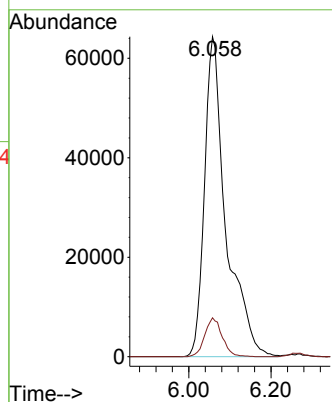
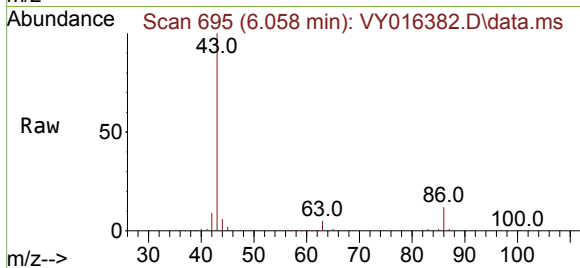
ClientSampleId :

Tgt Ion: 43 Resp: 232685

Ion Ratio Lower Upper

43 100

86 12.2 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 19.395 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.025 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

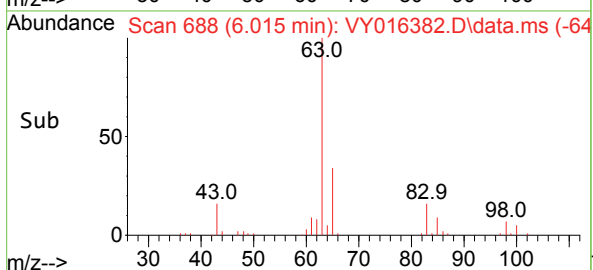
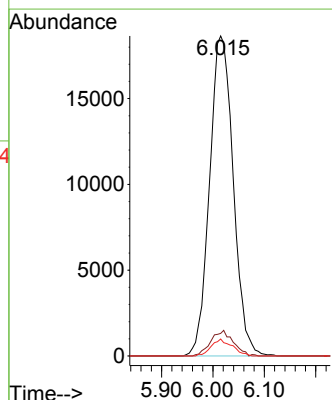
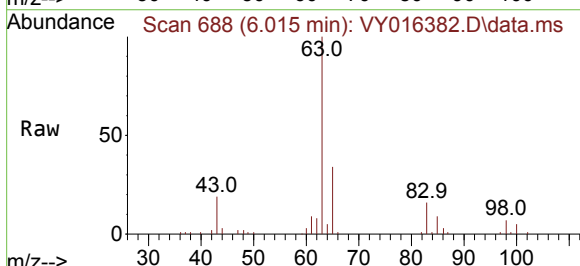
Tgt Ion: 63 Resp: 59659

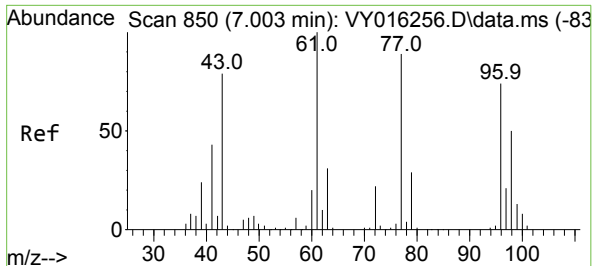
Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

100 5.3 1.8 5.5





#25

2-Butanone

Concen: 113.821 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

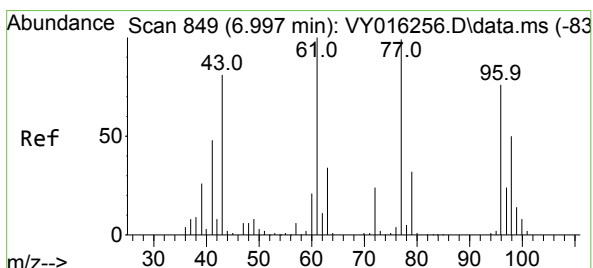
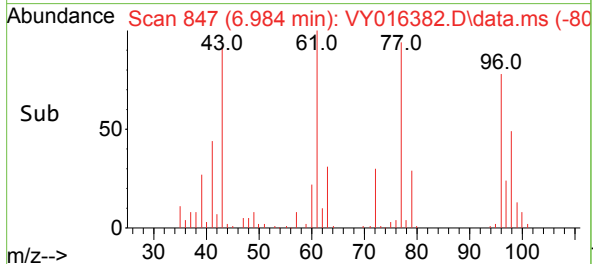
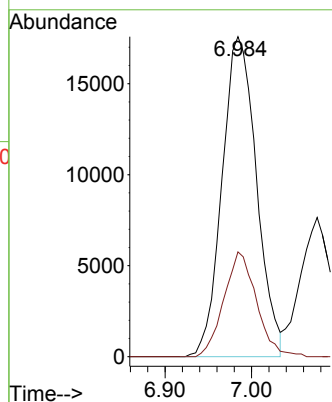
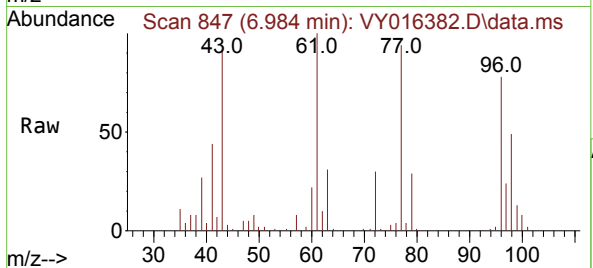
ClientSampleId :

Tgt Ion: 43 Resp: 48627

Ion Ratio Lower Upper

43 100

72 32.8 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 19.876 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016382.D

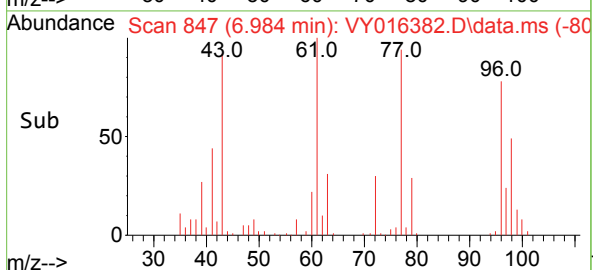
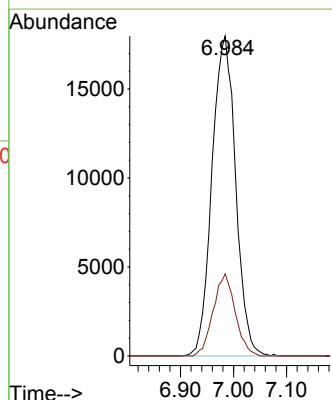
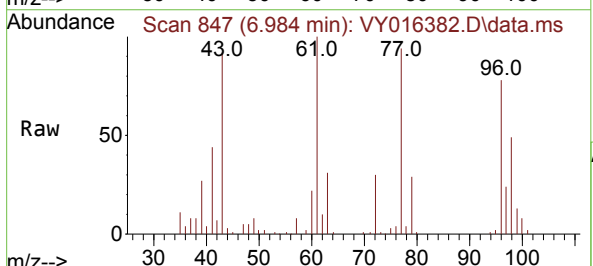
Acq: 16 Nov 2023 12:06

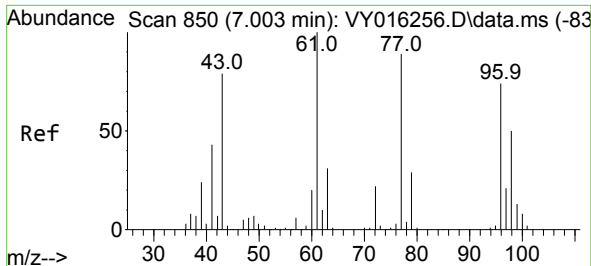
Tgt Ion: 77 Resp: 55644

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.464 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

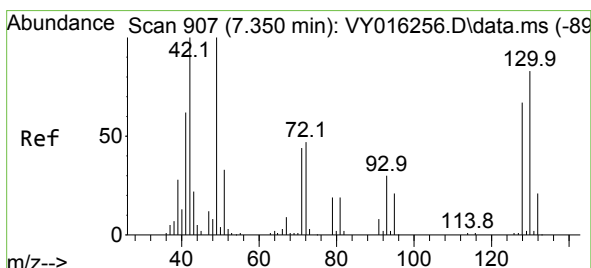
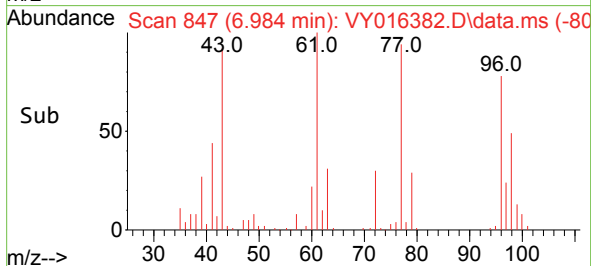
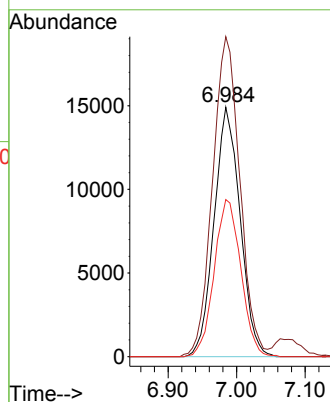
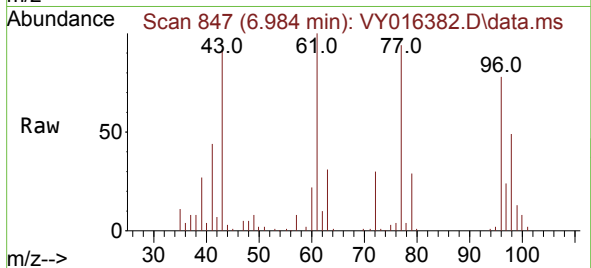
Tgt Ion: 96 Resp: 39376

Ion Ratio Lower Upper

96 100

61 134.3 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 19.707 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

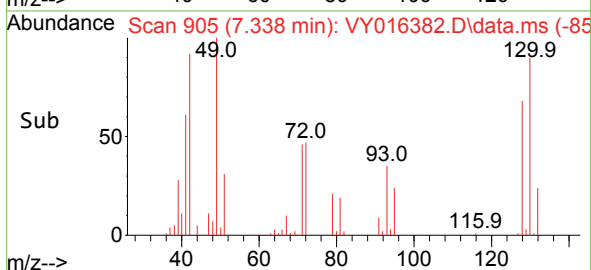
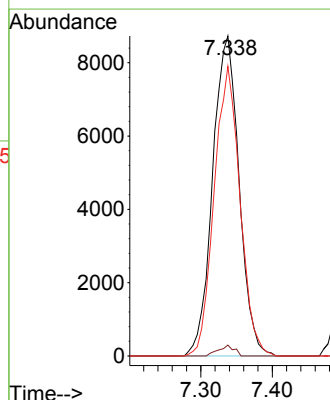
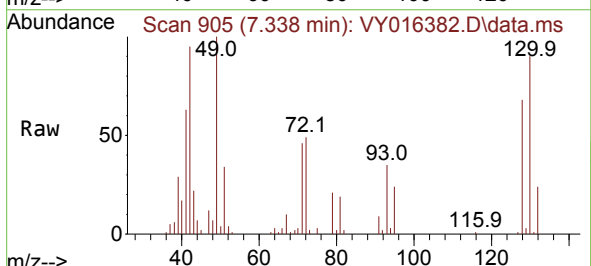
Tgt Ion: 49 Resp: 22435

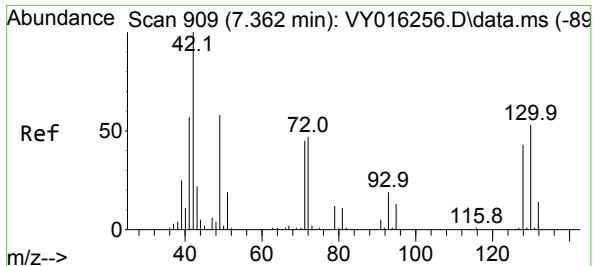
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 88.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.025 ug/l

RT: 7.350 min Scan# 909

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

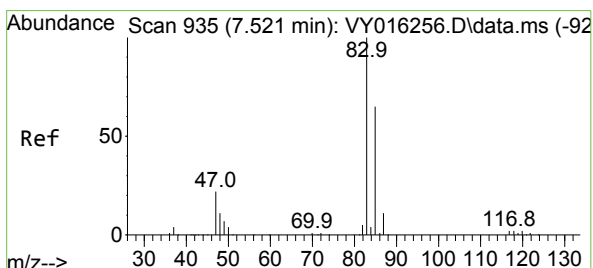
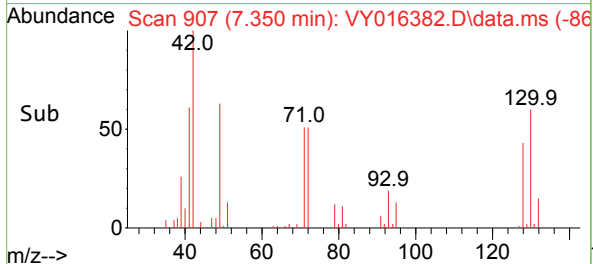
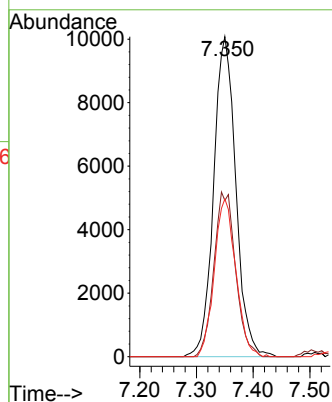
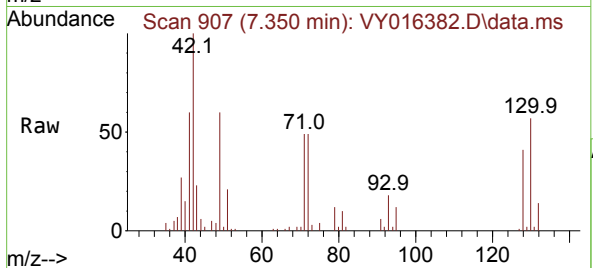
Tgt Ion: 42 Resp: 27398

Ion Ratio Lower Upper

42 100

72 50.4 32.8 49.2#

71 47.8 31.0 46.4#



#30

Chloroform

Concen: 19.897 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.012 min

Lab File: VY016382.D

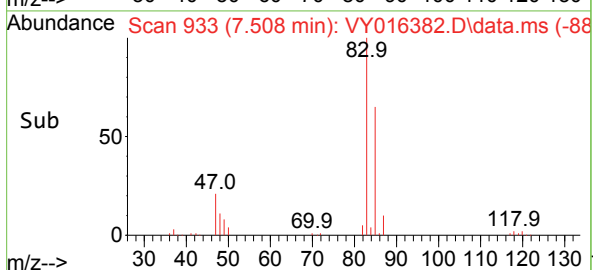
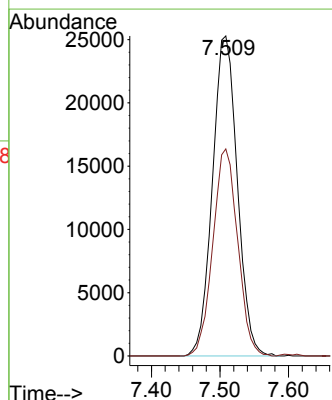
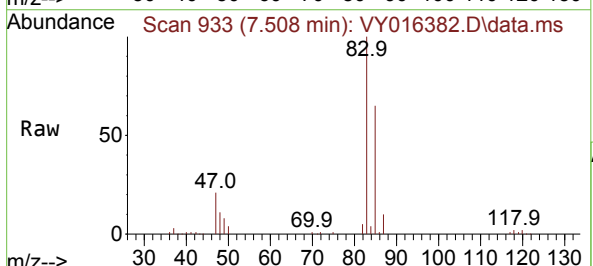
Acq: 16 Nov 2023 12:06

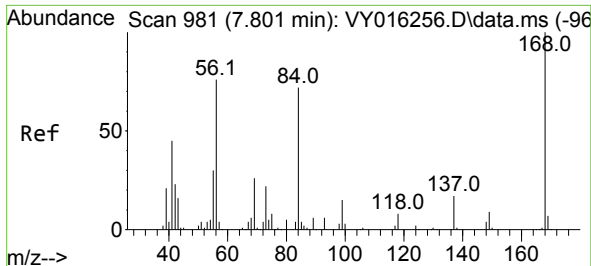
Tgt Ion: 83 Resp: 63705

Ion Ratio Lower Upper

83 100

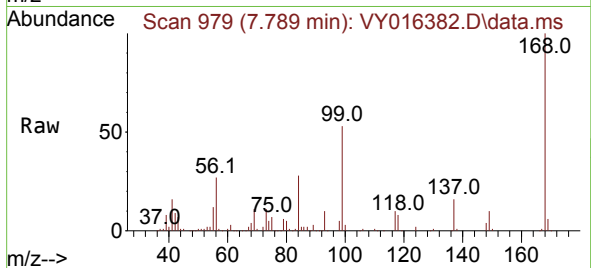
85 64.7 49.7 74.5



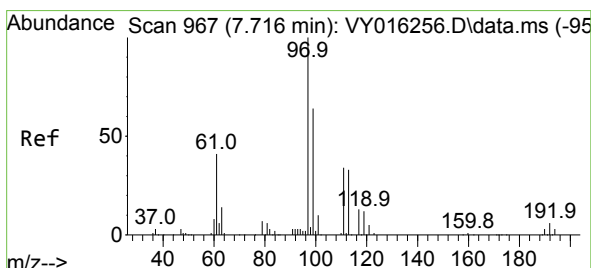
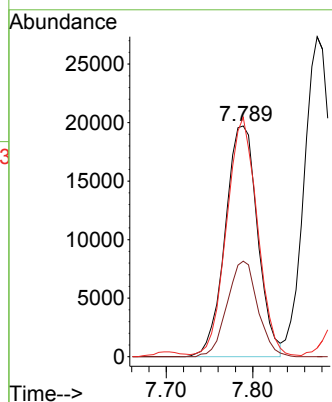
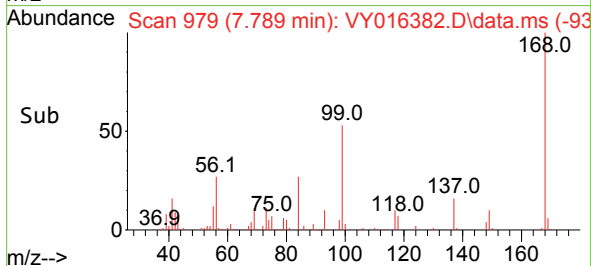


#31
Cyclohexane
Concen: 17.646 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

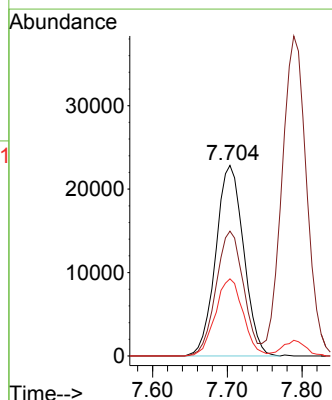
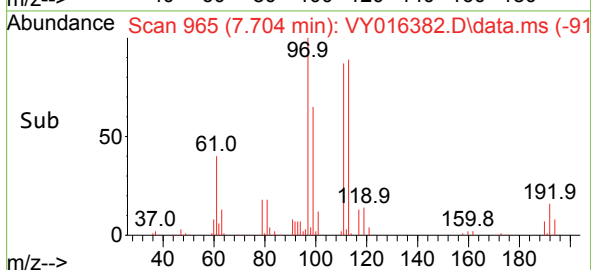
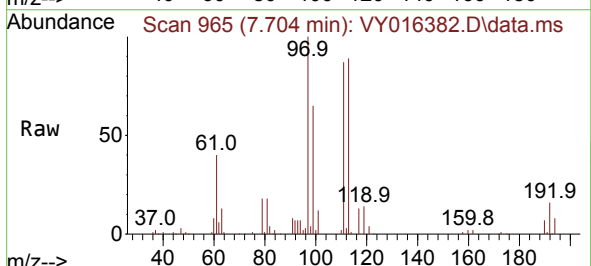


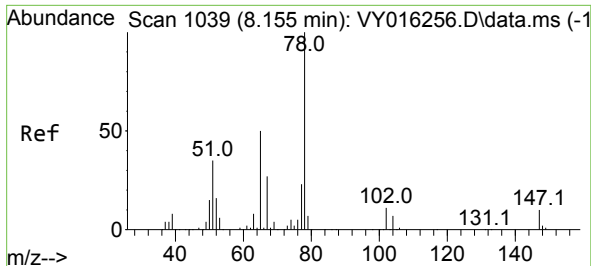
Tgt Ion: 56 Resp: 51230
Ion Ratio Lower Upper
56 100
69 41.0 27.8 41.6
84 102.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.168 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 97 Resp: 59193
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 40.4 35.1 52.7

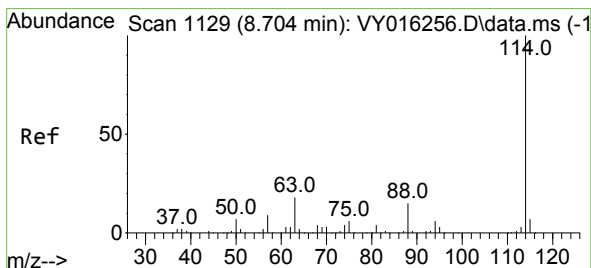
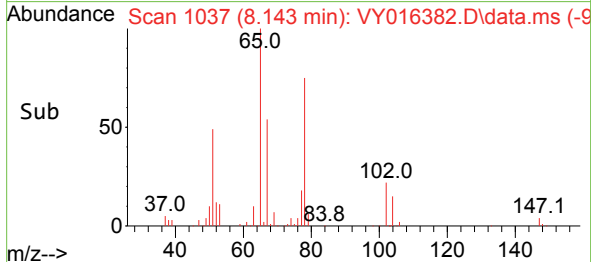
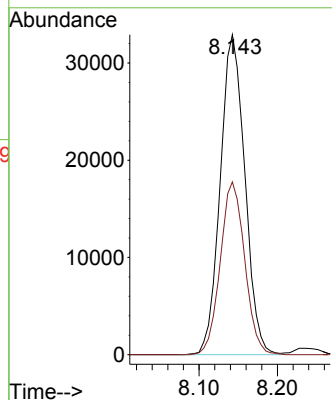
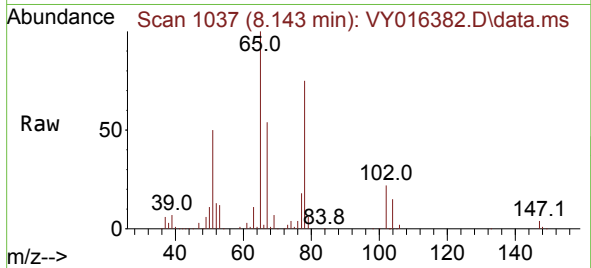




#33
 1,2-Dichloroethane-d4
 Concen: 48.755 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.012 min
 Lab File: VY016382.D
 Acq: 16 Nov 2023 12:06

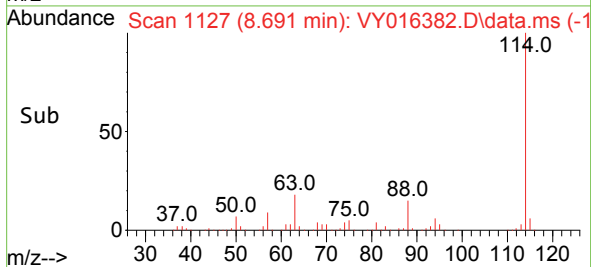
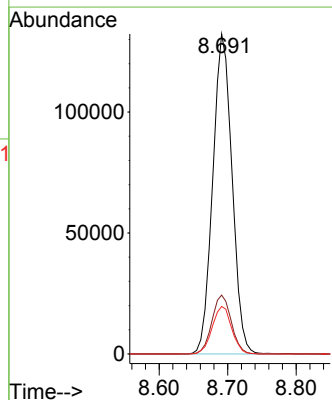
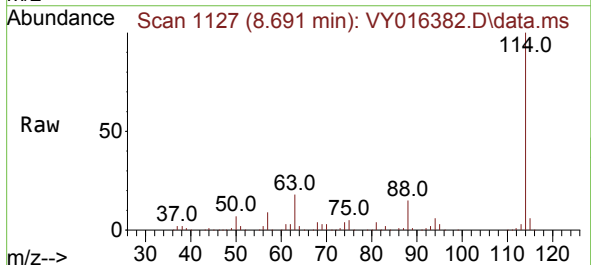
Instrument :
 MSVOA_Y
 ClientSampleId :

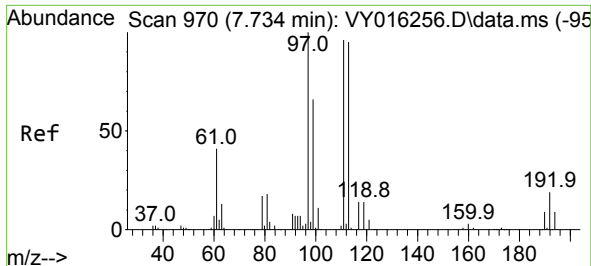
Tgt Ion: 65 Resp: 71893
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016382.D
 Acq: 16 Nov 2023 12:06

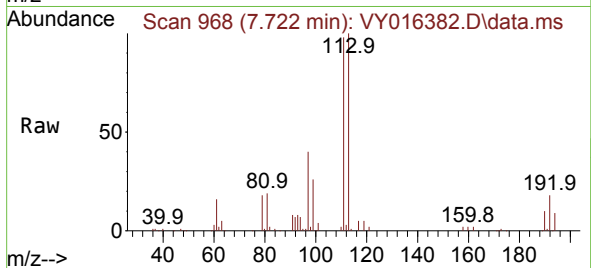
Tgt Ion: 114 Resp: 258316
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 14.8 0.0 30.6



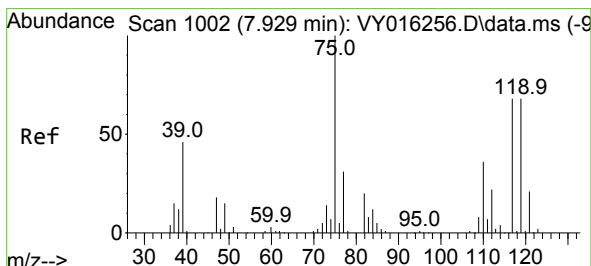
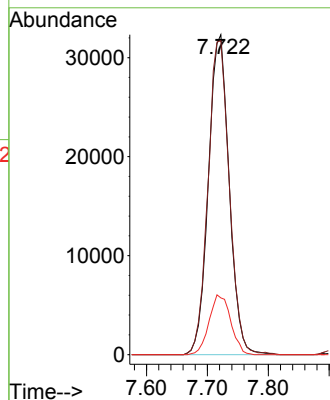
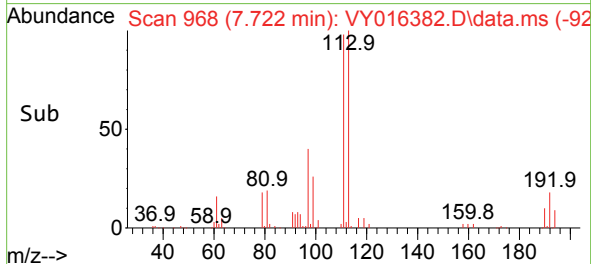


#35
Dibromofluoromethane
Concen: 52.048 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

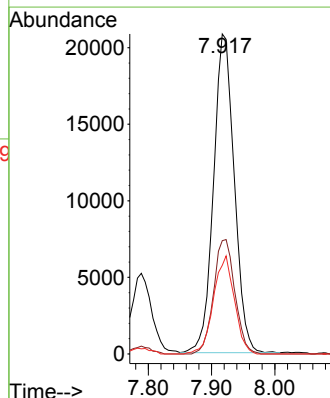
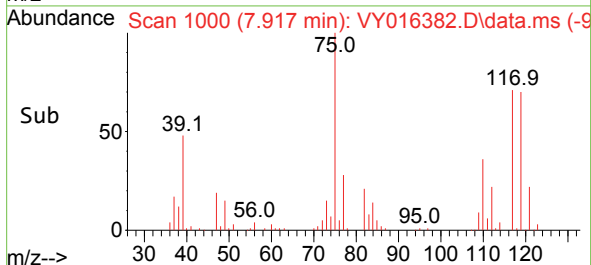
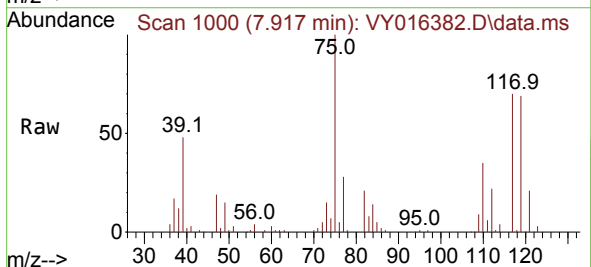


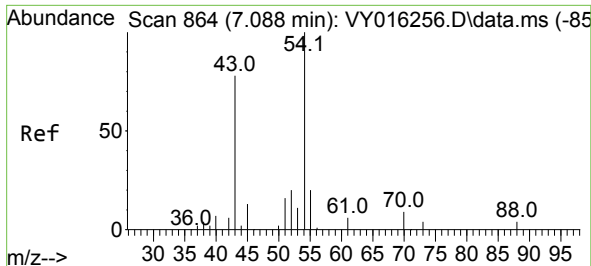
Tgt Ion:113 Resp: 76375
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.600 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 75 Resp: 47394
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 19.448 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.012 min

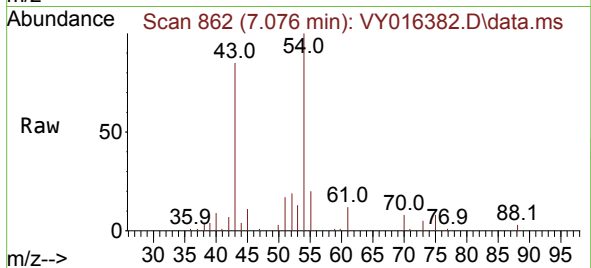
Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :



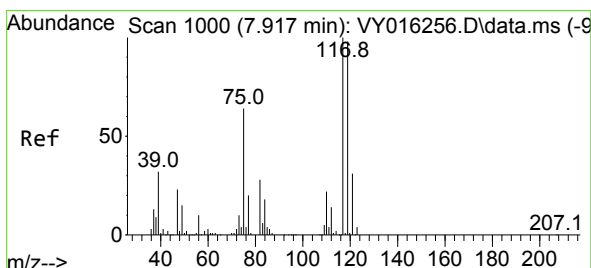
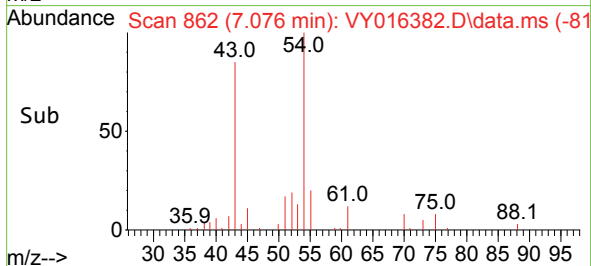
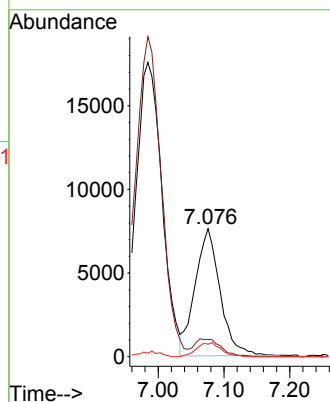
Tgt Ion: 43 Resp: 20022

Ion Ratio Lower Upper

43 100

61 14.9 10.1 15.1

70 10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.310 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

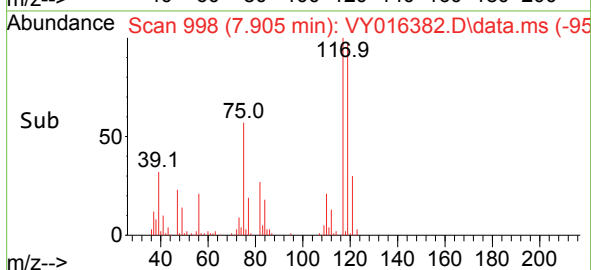
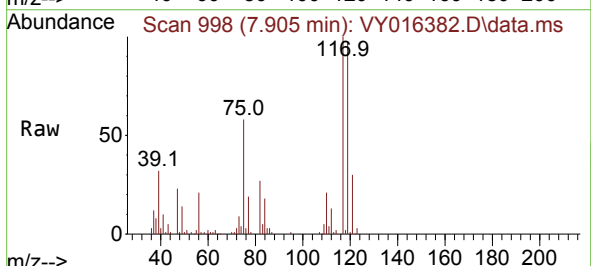
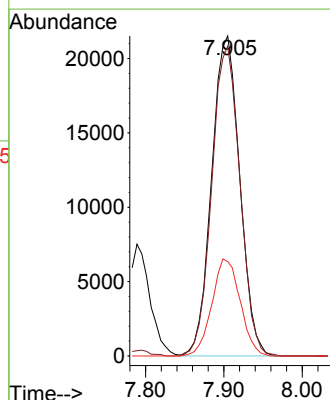
Tgt Ion: 117 Resp: 53709

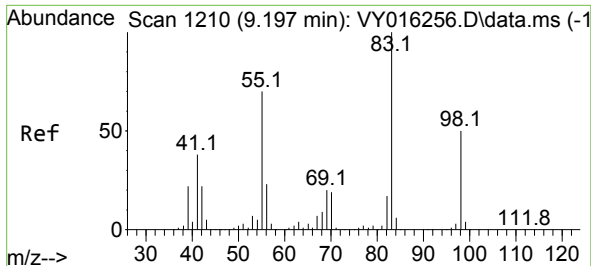
Ion Ratio Lower Upper

117 100

119 96.8 76.4 114.6

121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 17.980 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

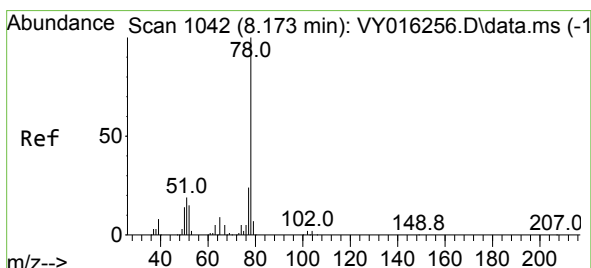
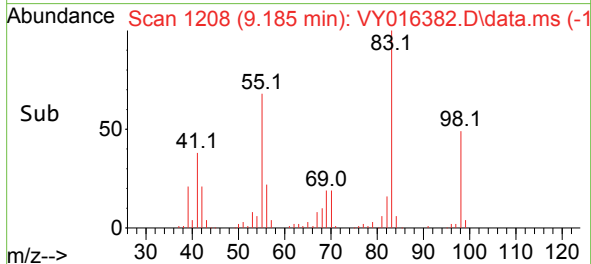
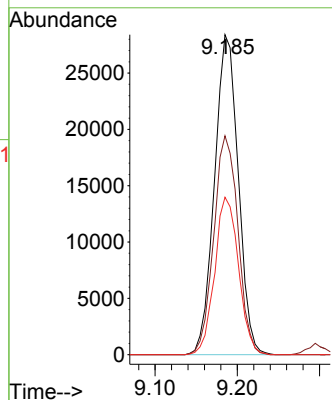
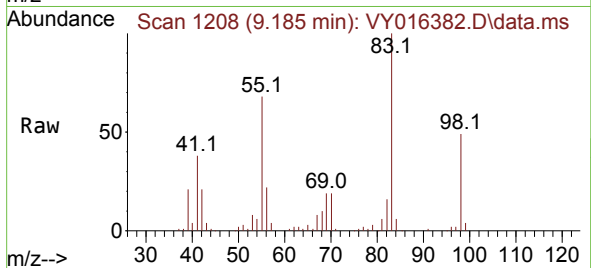
Tgt Ion: 83 Resp: 57085

Ion Ratio Lower Upper

83 100

55 68.4 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 19.330 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016382.D

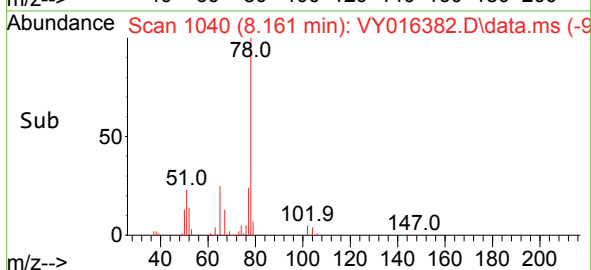
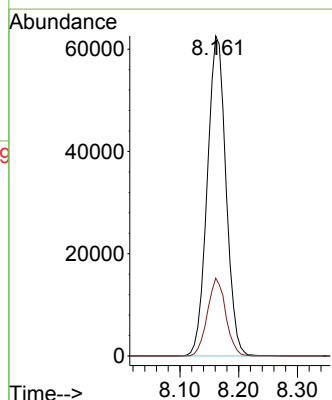
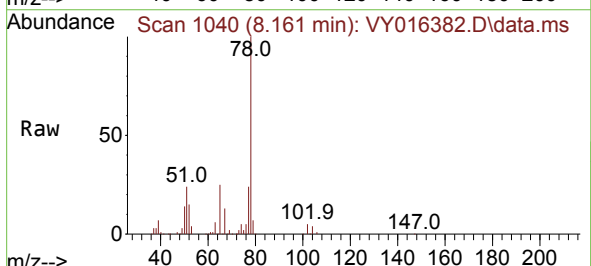
Acq: 16 Nov 2023 12:06

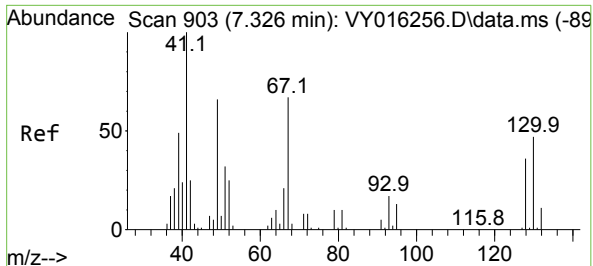
Tgt Ion: 78 Resp: 138380

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

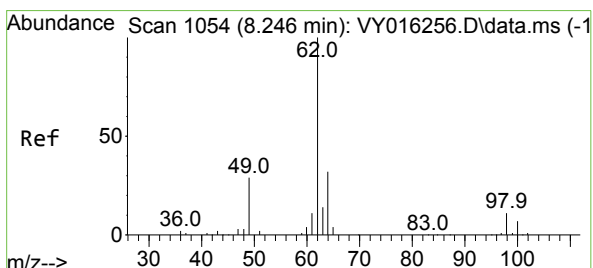
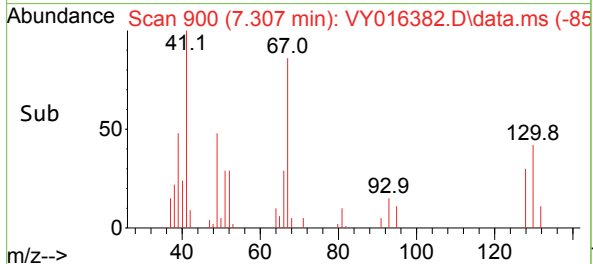
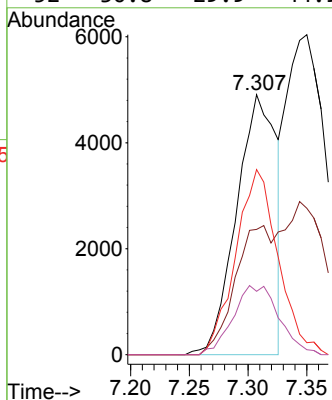
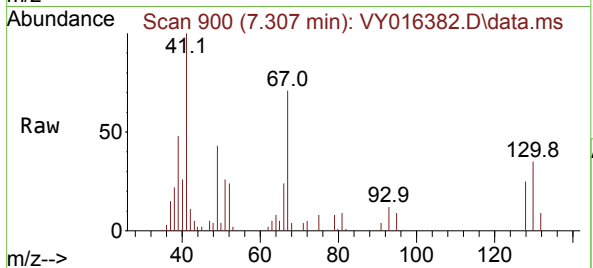




#41
Methacrylonitrile
Concen: 22.275 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

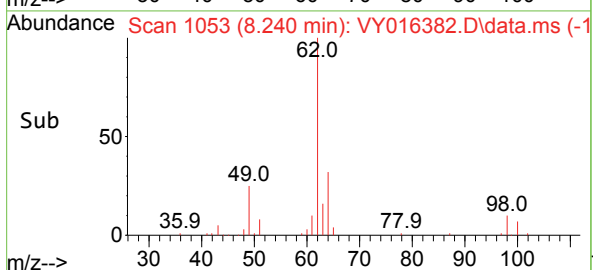
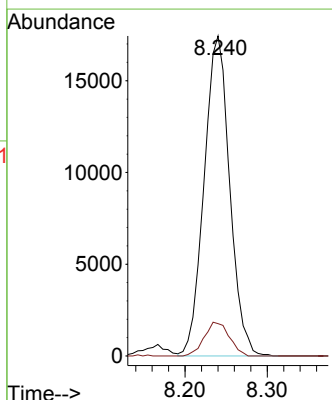
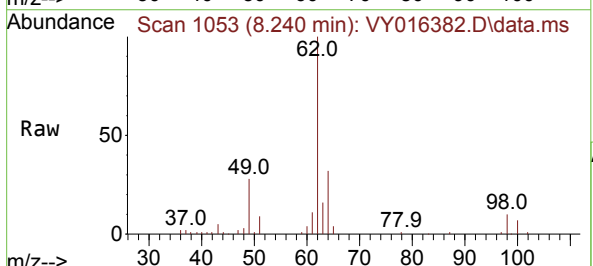
Instrument :
MSVOA_Y
ClientSampleId :

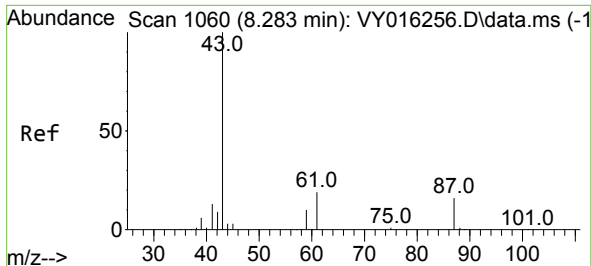
Tgt Ion: 41 Resp: 11563
Ion Ratio Lower Upper
41 100
39 45.3 52.1 78.1#
67 75.8 66.2 99.2
52 30.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.346 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 62 Resp: 37738
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

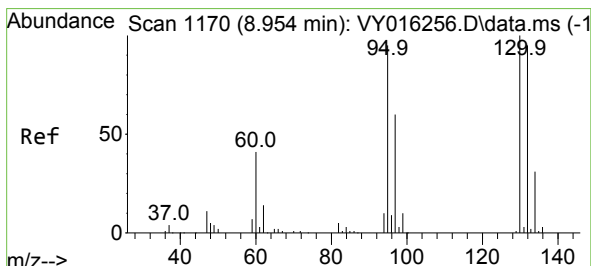
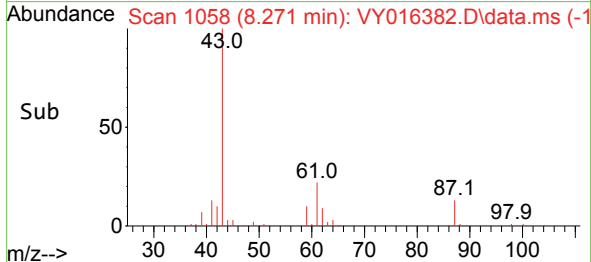
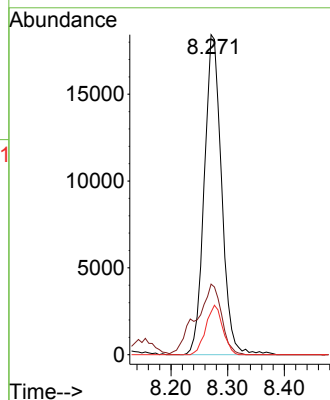
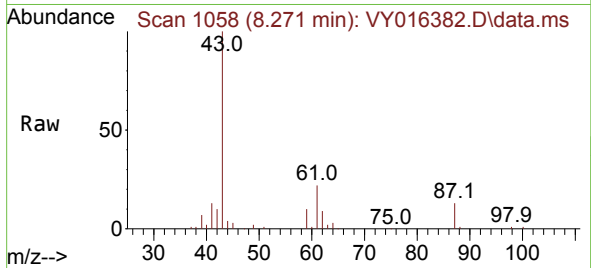




#43
Isopropyl Acetate
Concen: 19.572 ug/l
RT: 8.271 min Scan# 1168
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

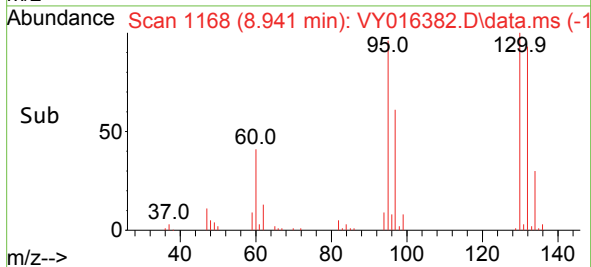
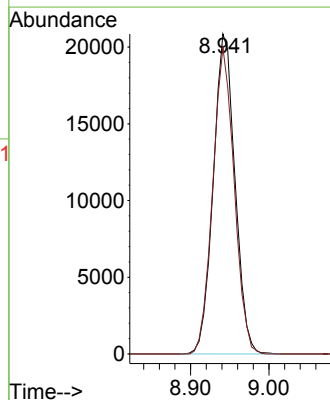
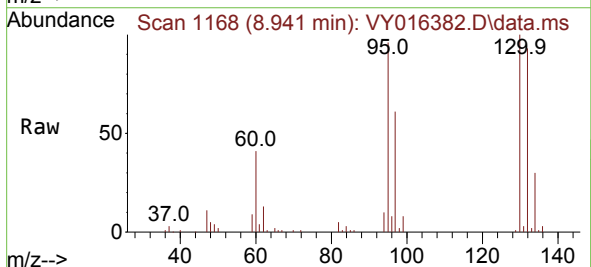
Instrument :
MSVOA_Y
ClientSampleId :

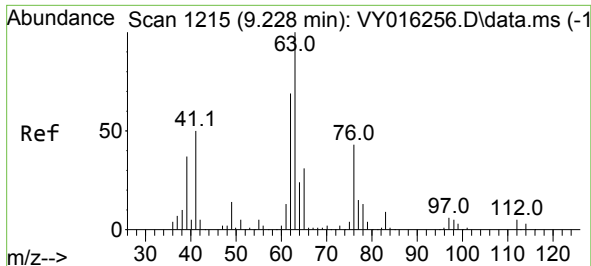
Tgt Ion: 43 Resp: 38949
Ion Ratio Lower Upper
43 100
61 32.4 21.1 31.7#
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 19.515 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.012 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion:130 Resp: 40150
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.841 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

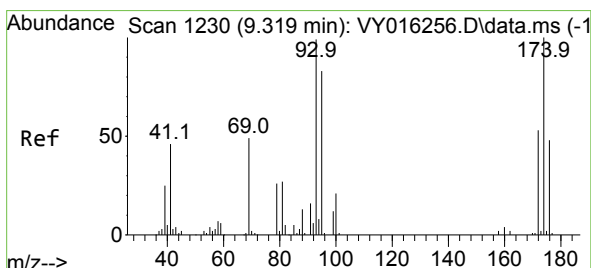
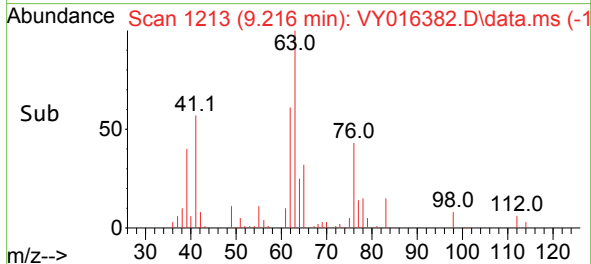
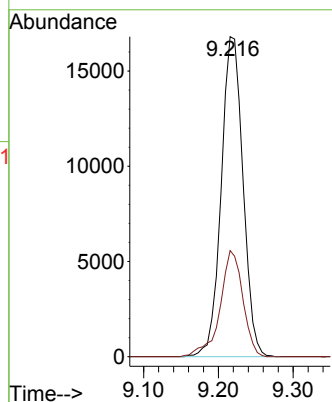
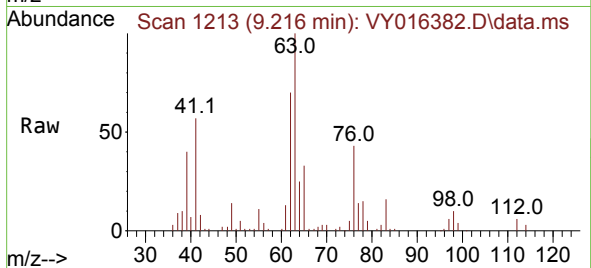
ClientSampleId :

Tgt Ion: 63 Resp: 34112

Ion Ratio Lower Upper

63 100

65 33.2 23.8 35.6



#46

Dibromomethane

Concen: 20.057 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

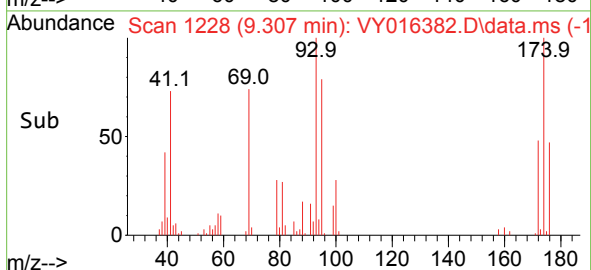
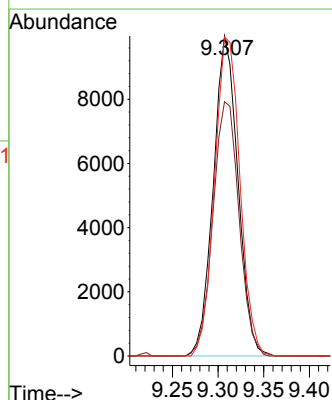
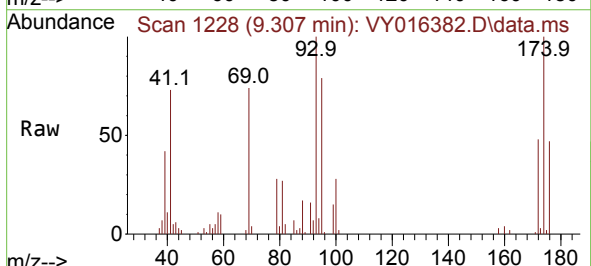
Tgt Ion: 93 Resp: 18686

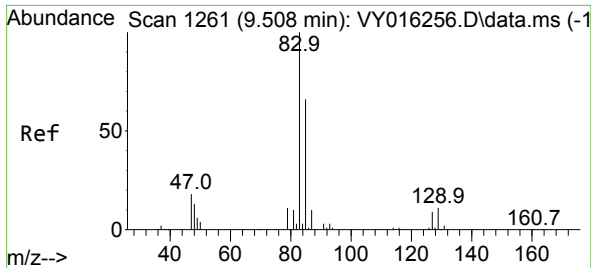
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 102.6 84.8 127.2

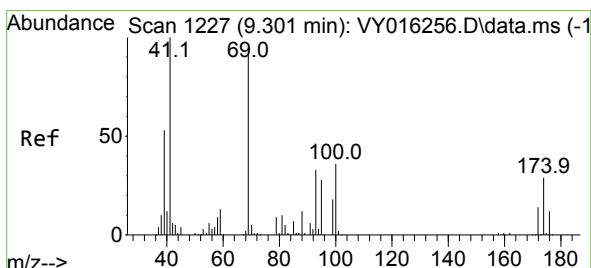
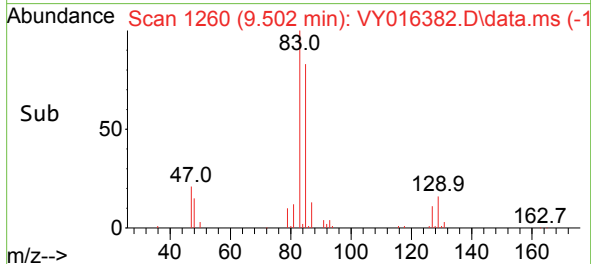
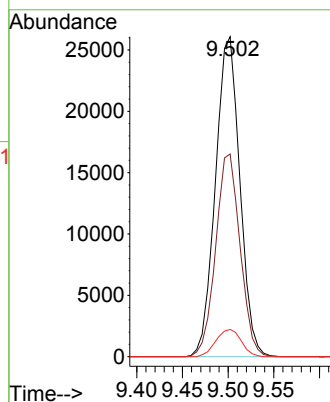
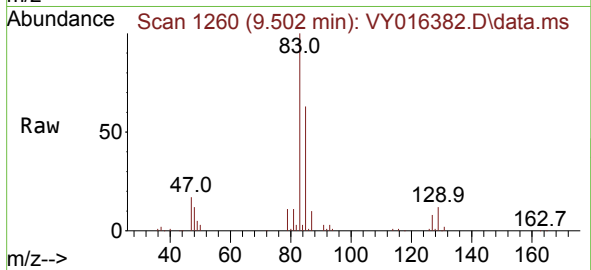




#47
Bromodichloromethane
Concen: 20.226 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

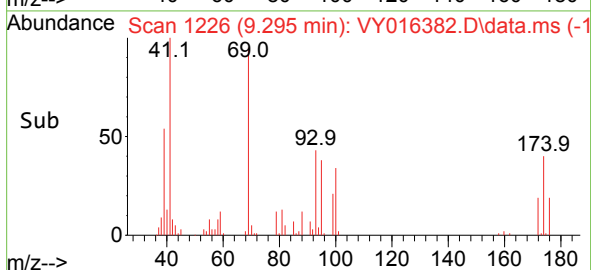
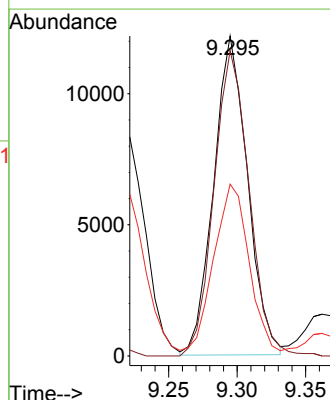
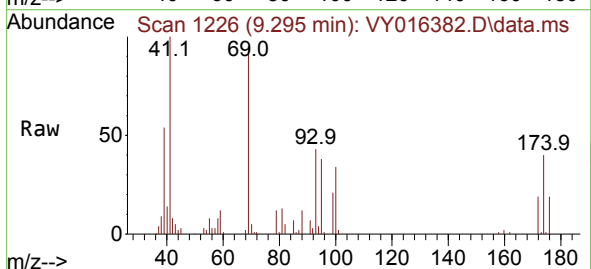
Instrument :
MSVOA_Y
ClientSampleId :

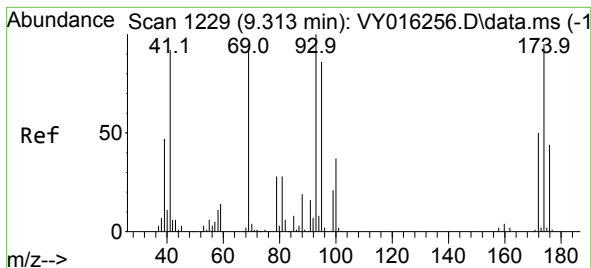
Tgt Ion: 83 Resp: 48446
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 19.044 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 41 Resp: 20945
Ion Ratio Lower Upper
41 100
69 98.8 64.5 96.7#
39 53.8 50.8 76.2





#49

1,4-Dioxane

Concen: 414.827 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

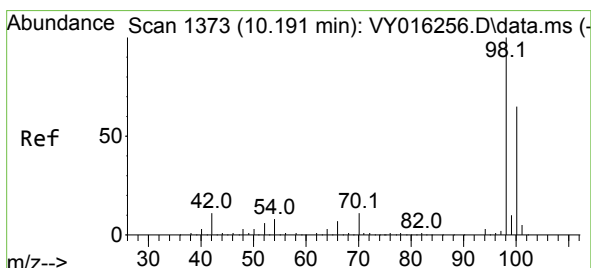
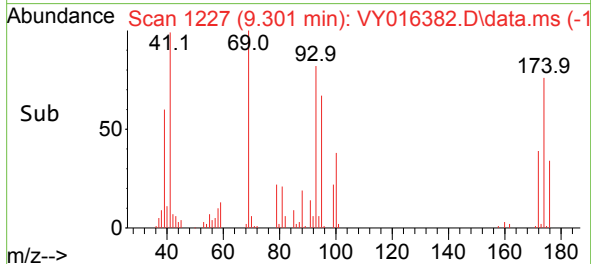
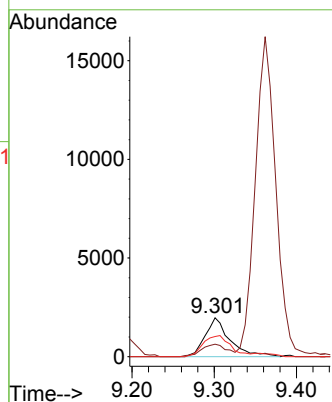
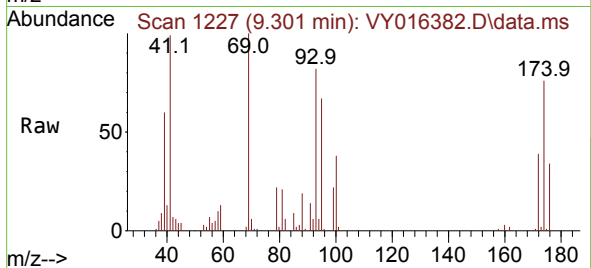
Tgt Ion: 88 Resp: 4103

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 60.4 30.9 46.3#



#50

Toluene-d8

Concen: 48.996 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016382.D

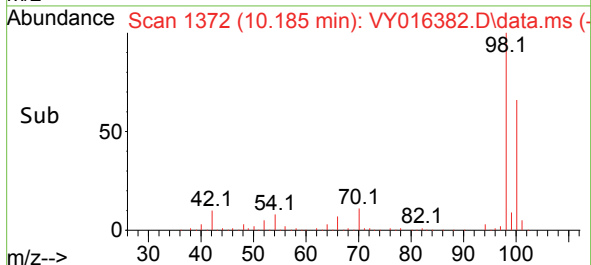
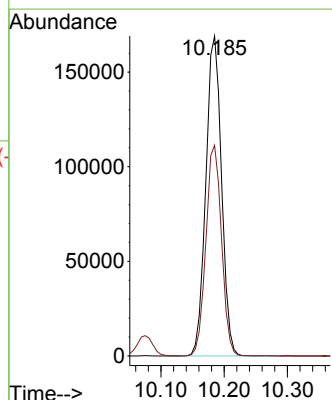
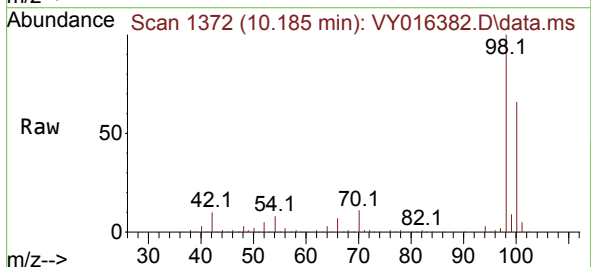
Acq: 16 Nov 2023 12:06

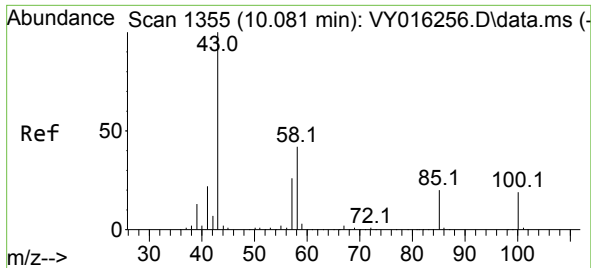
Tgt Ion: 98 Resp: 291553

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 101.822 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

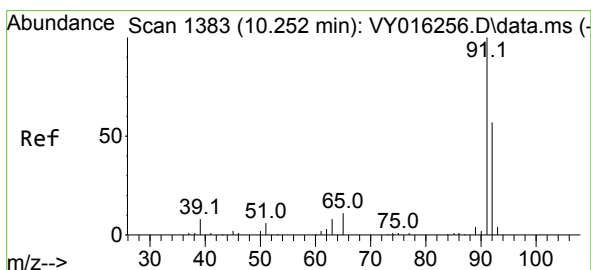
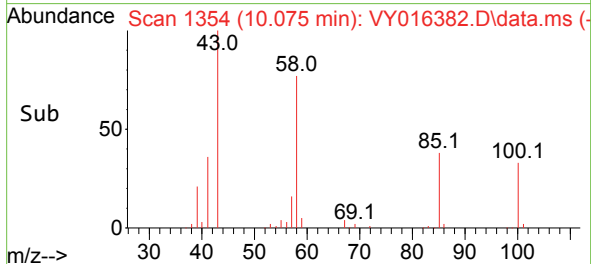
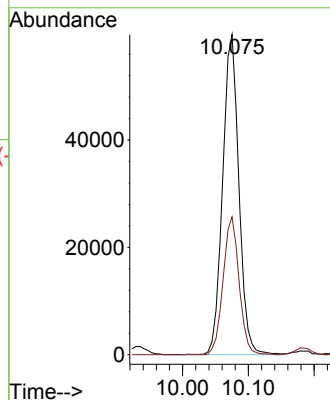
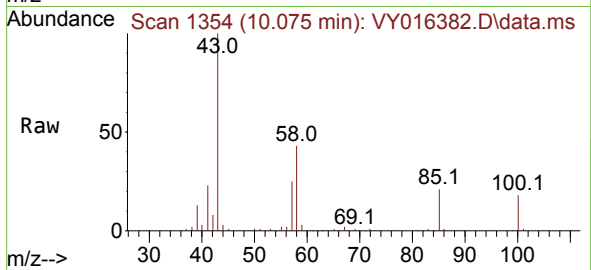
ClientSampleId :

Tgt Ion: 43 Resp: 102465

Ion Ratio Lower Upper

43 100

58 42.4 29.0 43.6



#52

Toluene

Concen: 19.469 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY016382.D

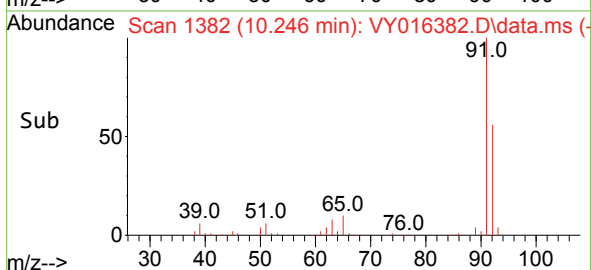
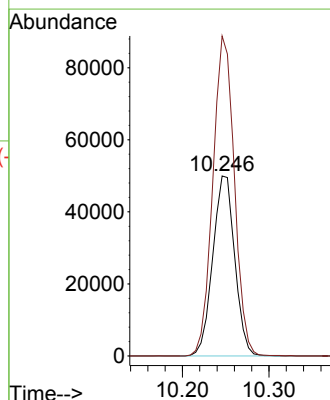
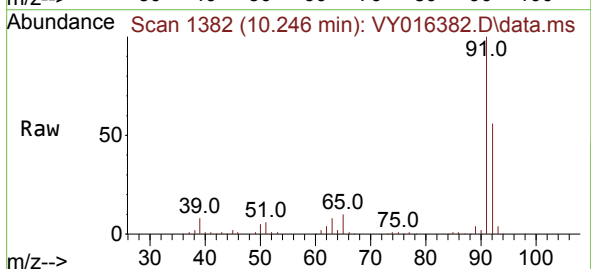
Acq: 16 Nov 2023 12:06

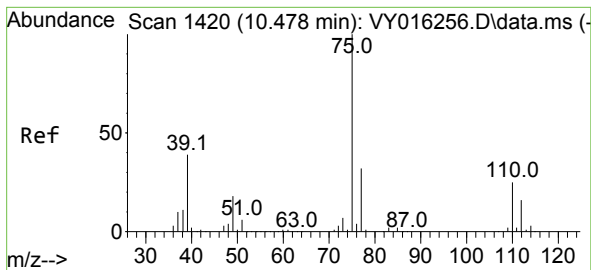
Tgt Ion: 92 Resp: 88103

Ion Ratio Lower Upper

92 100

91 174.1 143.8 215.6

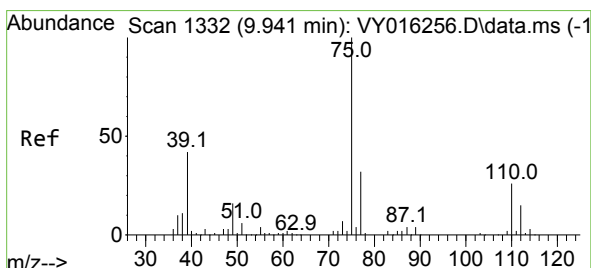
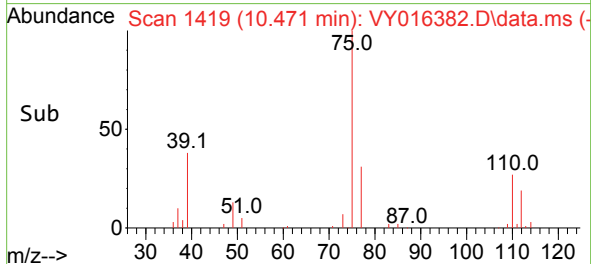
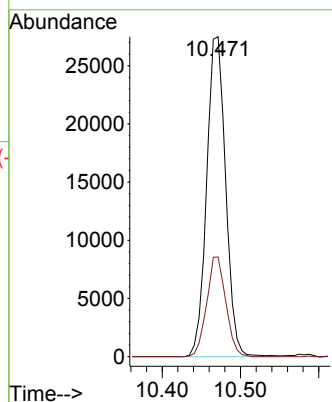
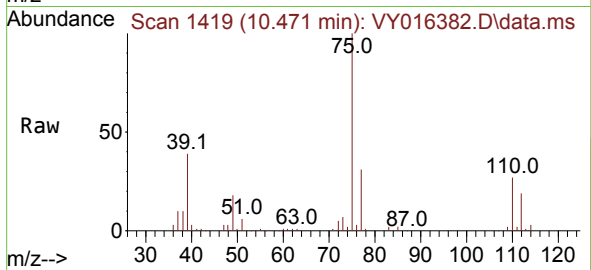




#53
 t-1,3-Dichloropropene
 Concen: 19.919 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016382.D
 Acq: 16 Nov 2023 12:06

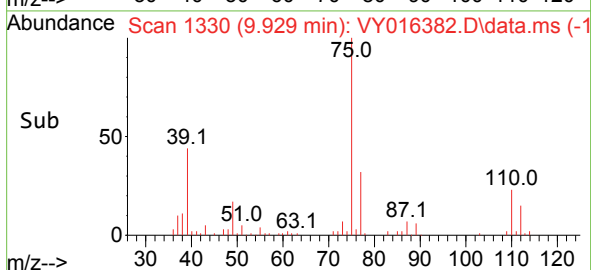
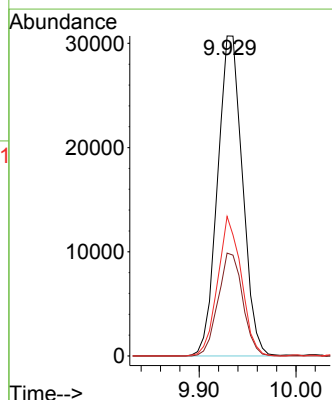
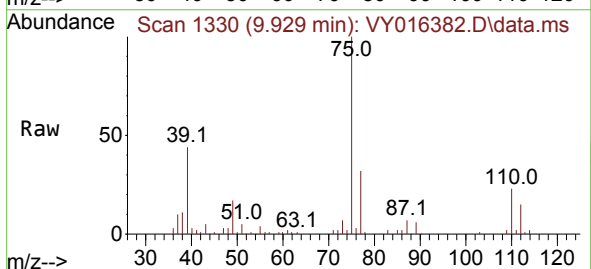
Instrument :
 MSVOA_Y
 ClientSampleId :

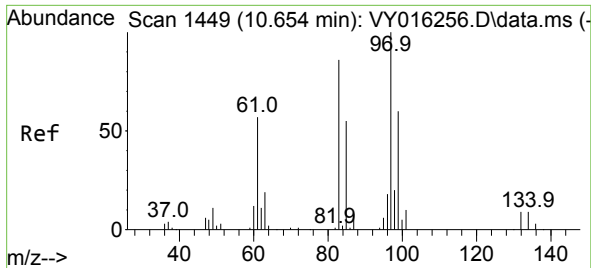
Tgt Ion: 75 Resp: 46250
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.822 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: VY016382.D
 Acq: 16 Nov 2023 12:06

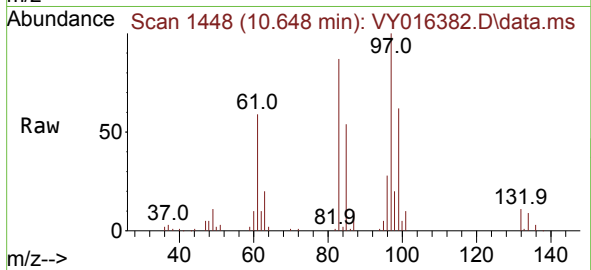
Tgt Ion: 75 Resp: 54972
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 43.6 42.2 63.4



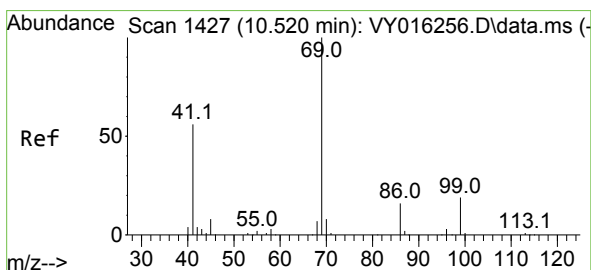
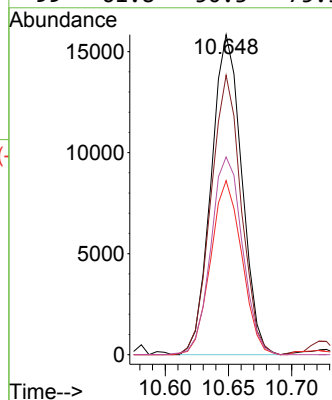
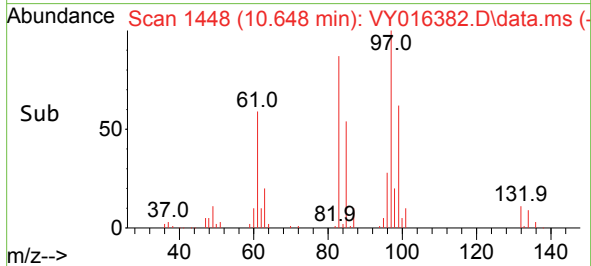


#55
1,1,2-Trichloroethane
Concen: 20.737 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :

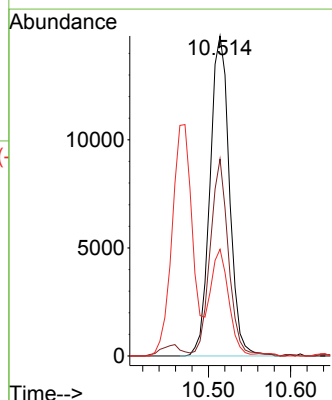
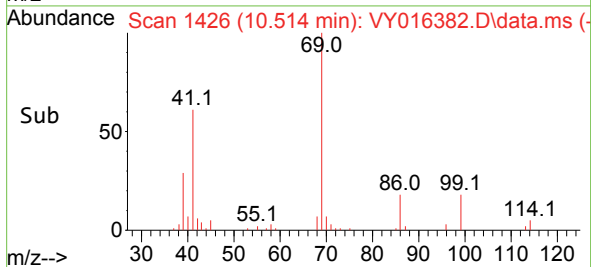
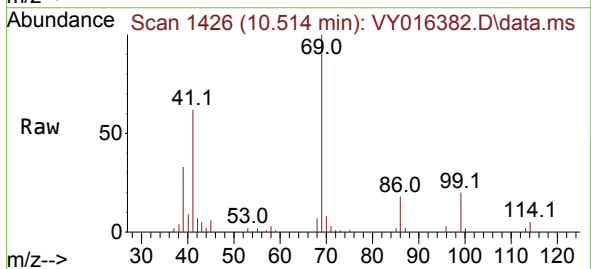


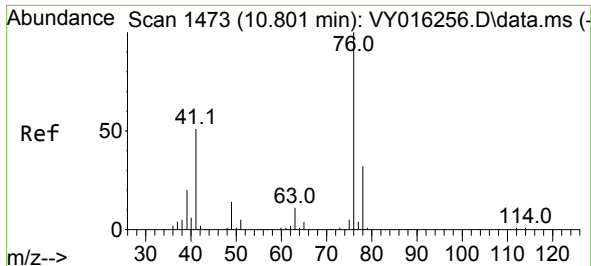
Tgt Ion:	97	Resp:	26628
Ion	Ratio	Lower	Upper
97	100		
83	87.3	72.0	108.0
85	54.4	45.4	68.0
99	61.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.077 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion:	69	Resp:	24336
Ion	Ratio	Lower	Upper
69	100		
41	58.2	57.6	86.4
39	29.2	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 20.063 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

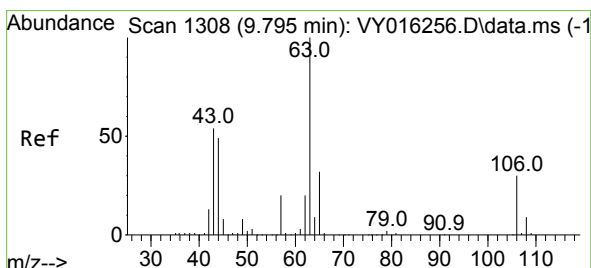
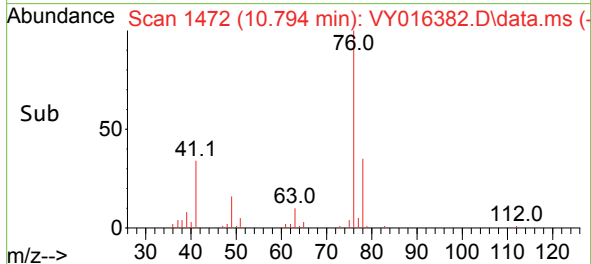
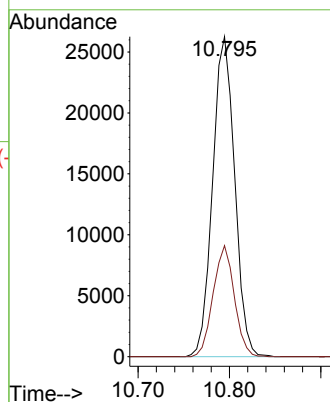
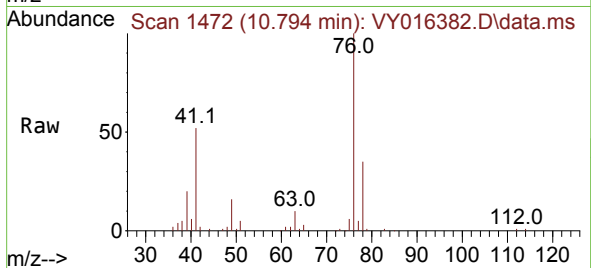
ClientSampleId :

Tgt Ion: 76 Resp: 43915

Ion Ratio Lower Upper

76 100

78 33.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.166 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.012 min

Lab File: VY016382.D

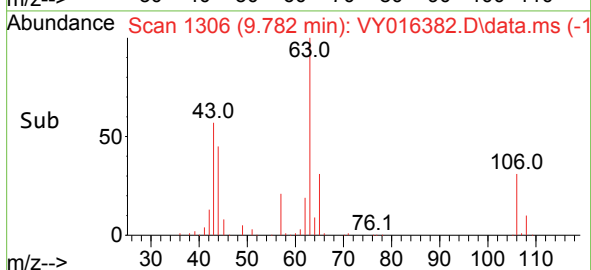
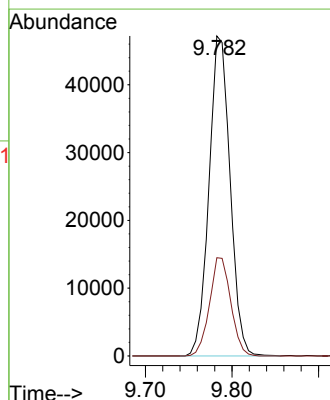
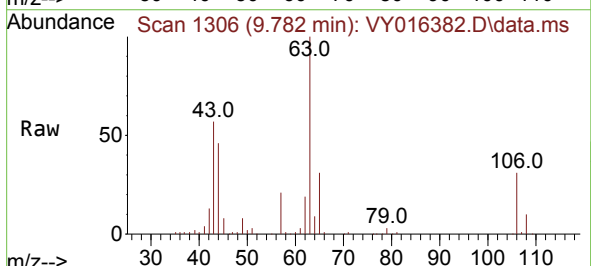
Acq: 16 Nov 2023 12:06

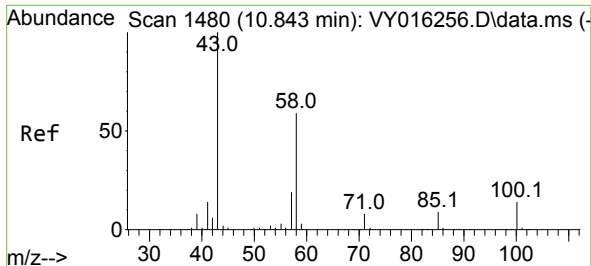
Tgt Ion: 63 Resp: 79863

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8

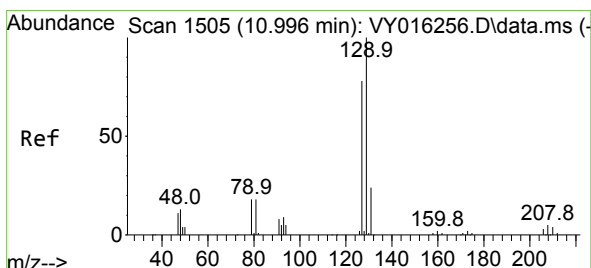
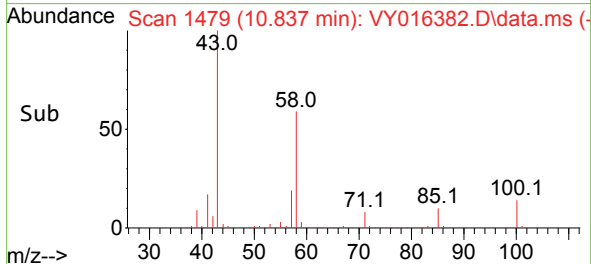
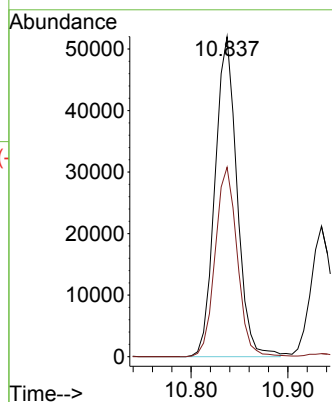
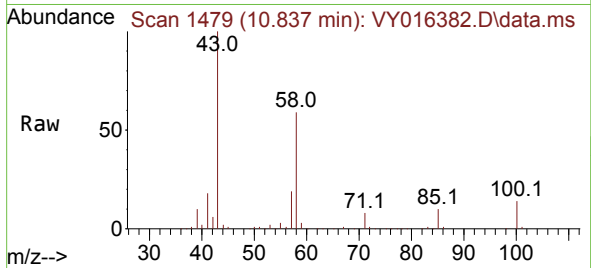




#59
2-Hexanone
Concen: 109.557 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

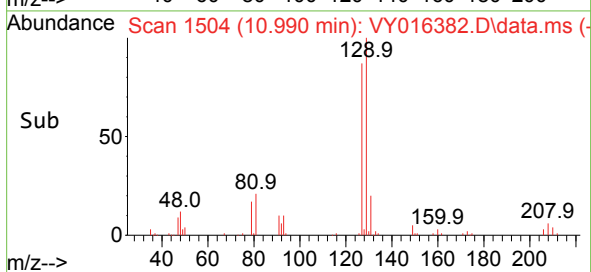
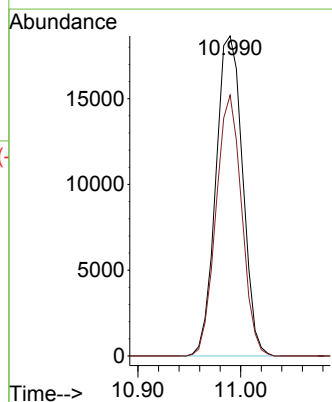
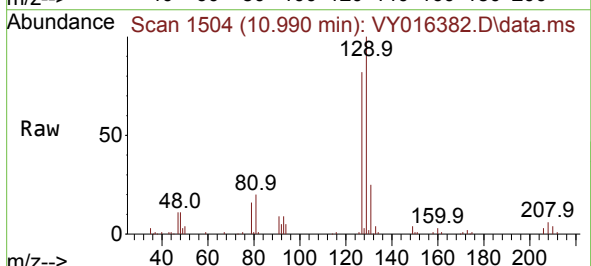
Instrument :
MSVOA_Y
ClientSampleId :

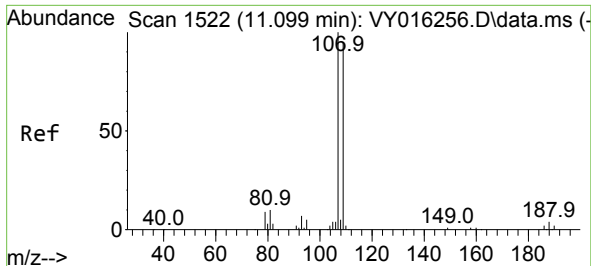
Tgt Ion: 43 Resp: 82006
Ion Ratio Lower Upper
43 100
58 59.4 25.1 75.3



#60
Dibromochloromethane
Concen: 20.997 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion:129 Resp: 33720
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

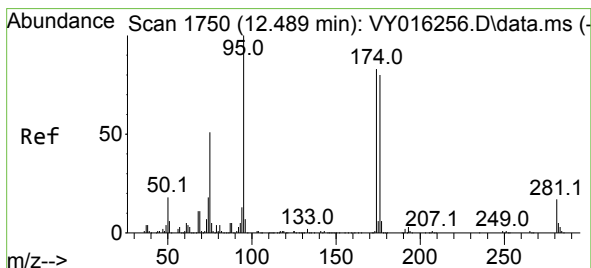
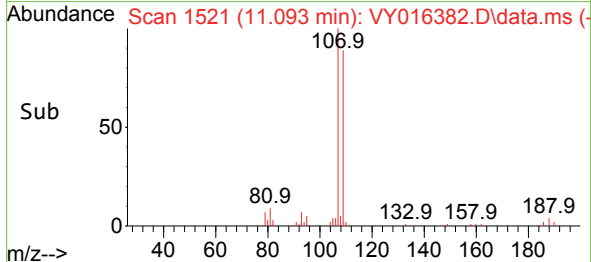
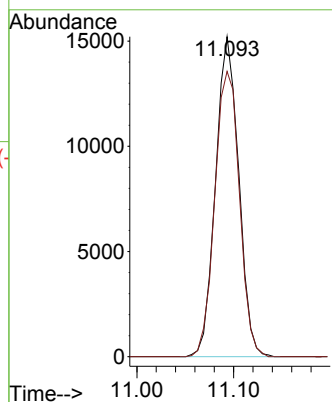
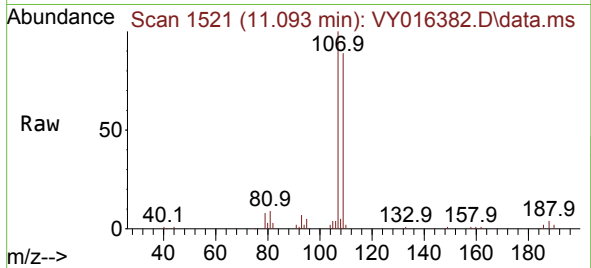




#61
1,2-Dibromoethane
Concen: 20.647 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

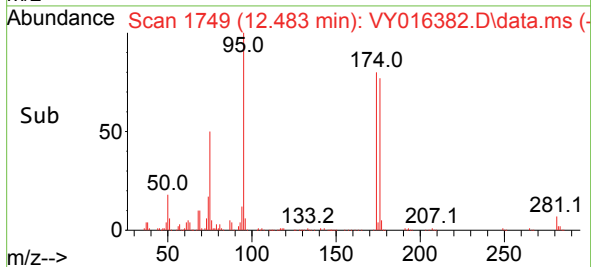
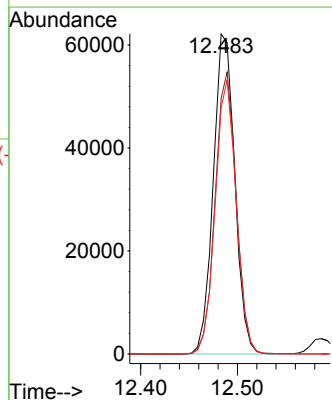
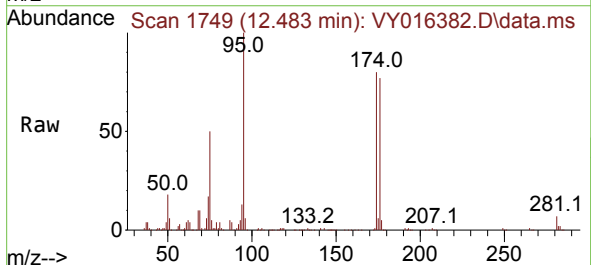
Instrument :
MSVOA_Y
ClientSampleId :

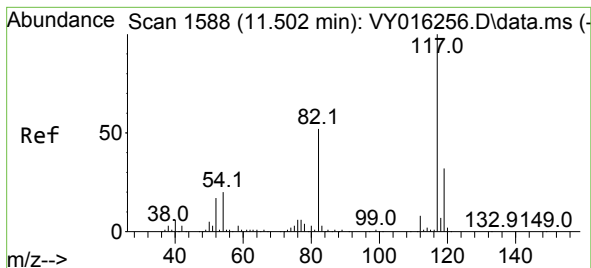
Tgt Ion:107 Resp: 25259
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.625 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 95 Resp: 95908
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 83.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016382.D

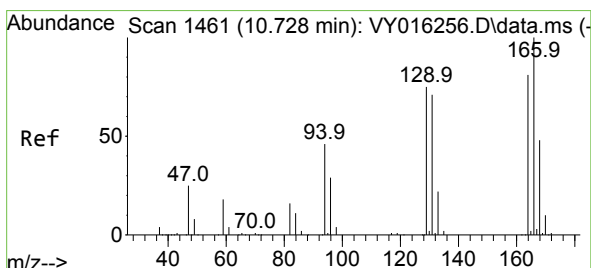
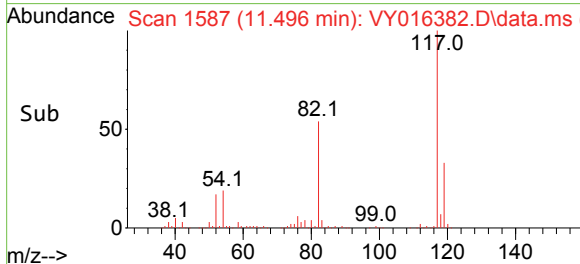
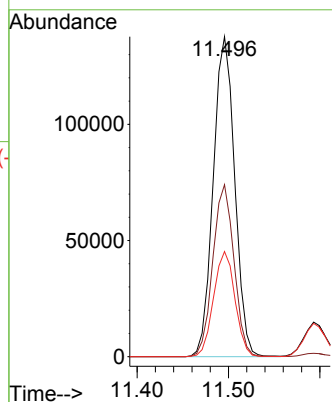
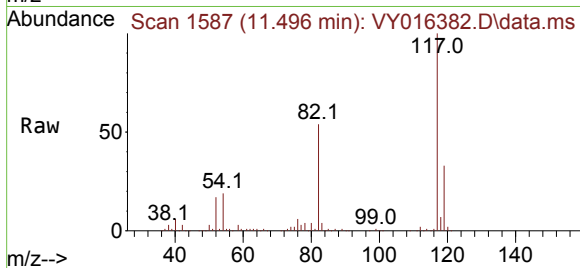
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 224436
Ion Ratio	Lower Upper
117 100	
82 53.8	43.4 65.0
119 32.8	26.3 39.5



#64

Tetrachloroethene

Concen: 19.973 ug/l

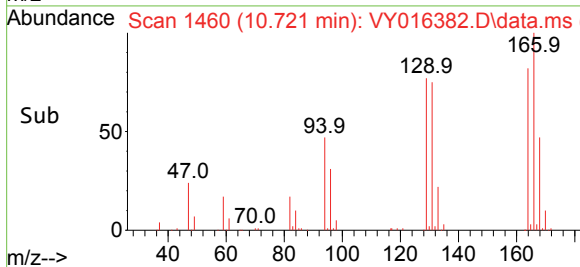
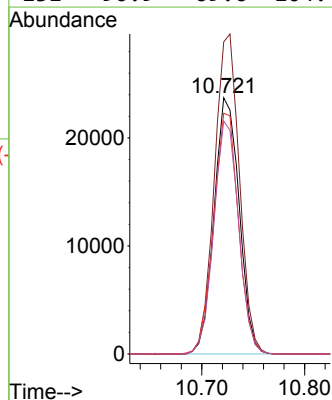
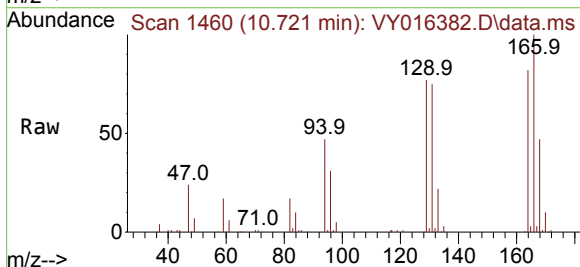
RT: 10.721 min Scan# 1460

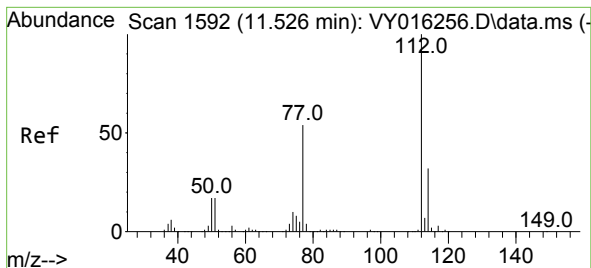
Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Tgt Ion:164	Resp: 40250
Ion Ratio	Lower Upper
164 100	
166 121.8	103.0 154.6
129 93.9	77.2 115.8
131 90.9	69.6 104.4





#65

Chlorobenzene

Concen: 19.828 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

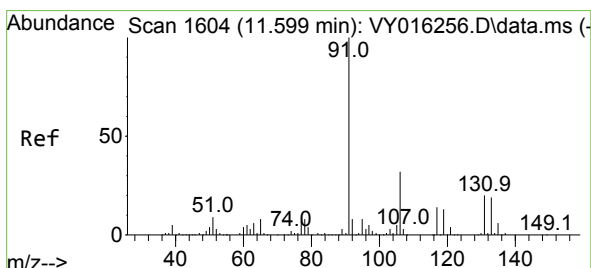
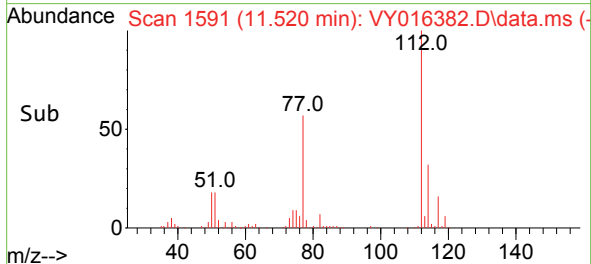
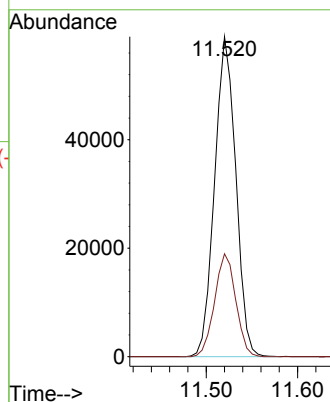
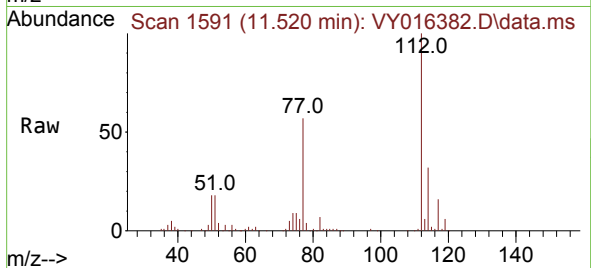
ClientSampleId :

Tgt Ion:112 Resp: 95080

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.917 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

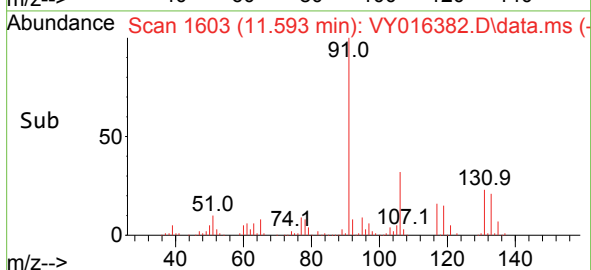
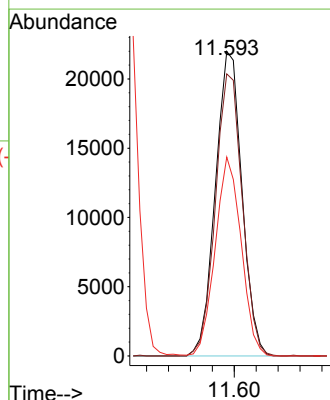
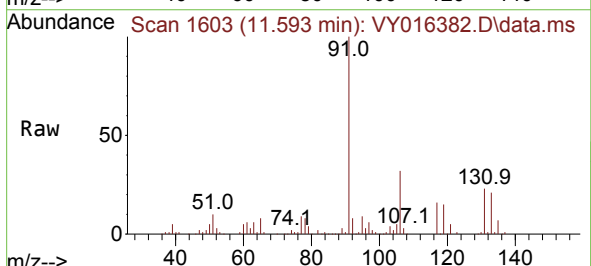
Tgt Ion:131 Resp: 36994

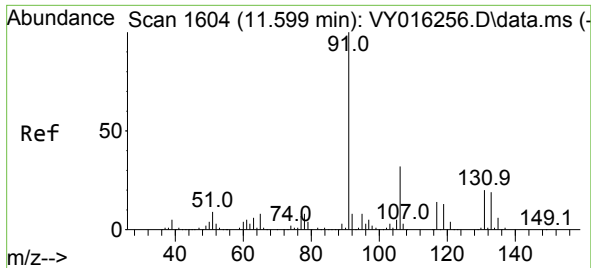
Ion Ratio Lower Upper

131 100

133 93.5 47.5 142.6

119 63.9 31.6 94.7

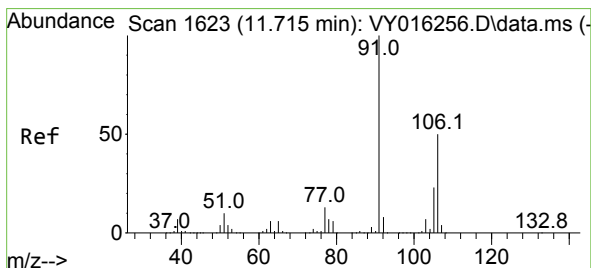
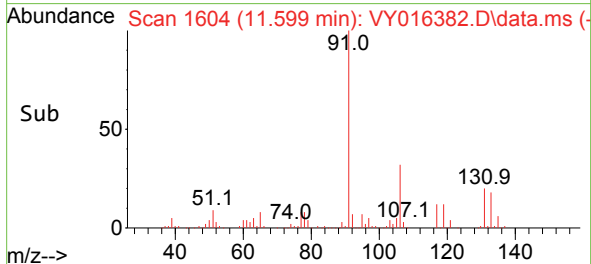
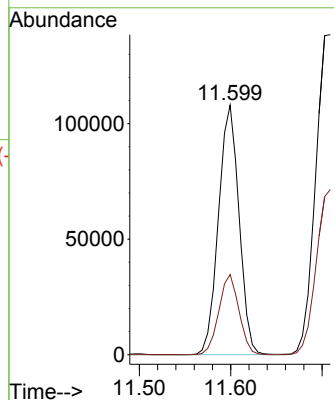
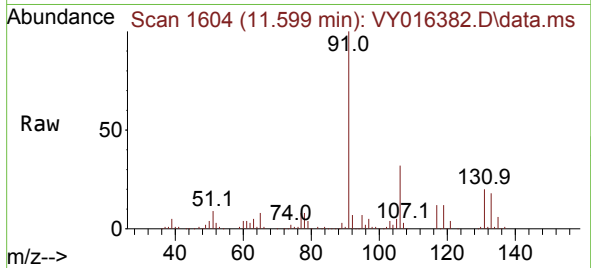




#67
Ethyl Benzene
Concen: 19.592 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

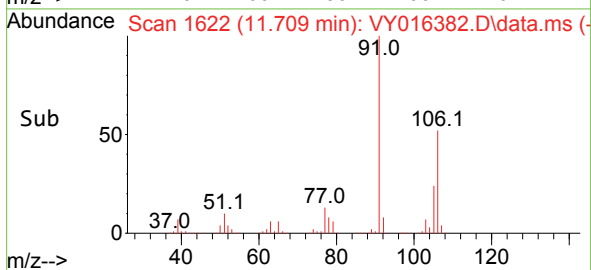
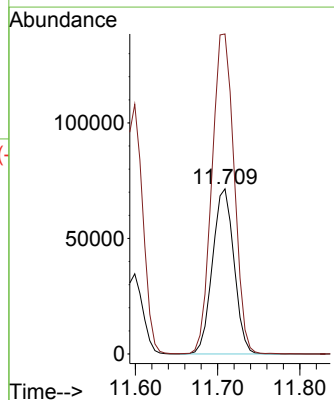
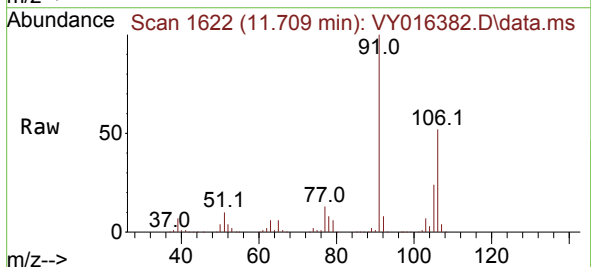
Instrument :
MSVOA_Y
ClientSampleId :

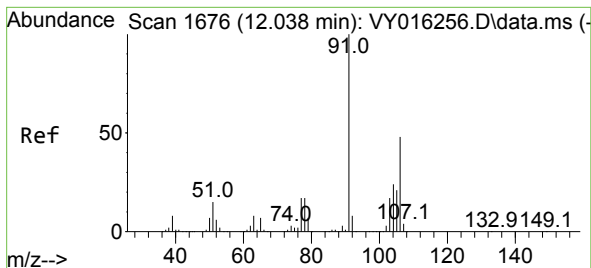
Tgt Ion: 91 Resp: 168836
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 39.738 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion:106 Resp: 129886
Ion Ratio Lower Upper
106 100
91 200.8 166.1 249.1





#69

o-Xylene

Concen: 20.279 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

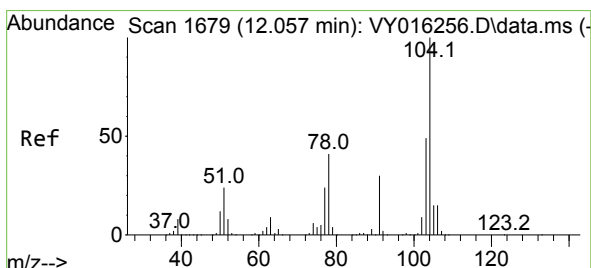
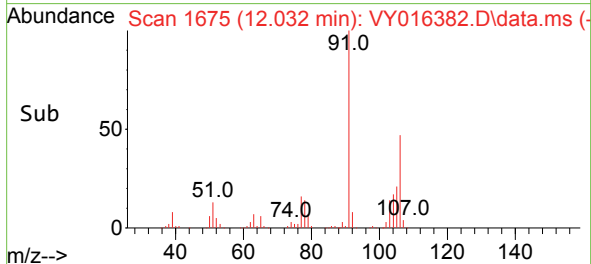
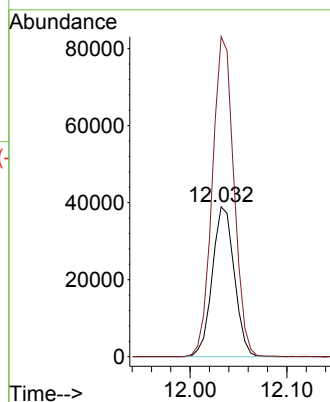
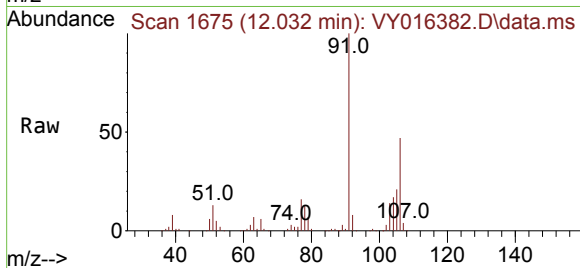
ClientSampleId :

Tgt Ion:106 Resp: 61542

Ion Ratio Lower Upper

106 100

91 209.4 108.1 324.3



#70

Styrene

Concen: 20.029 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

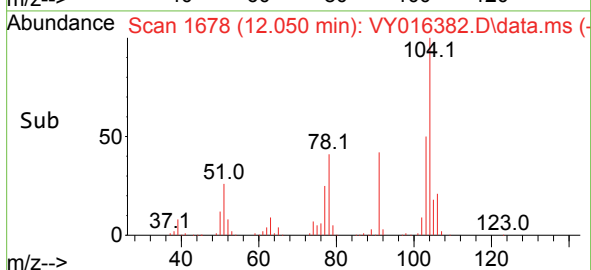
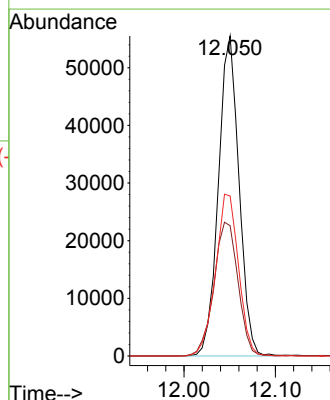
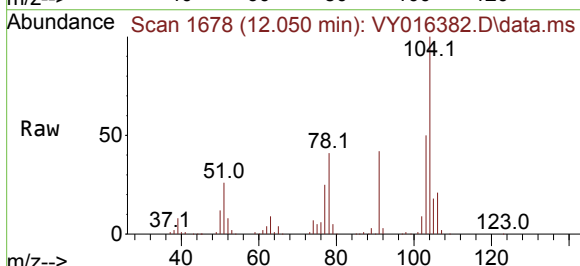
Tgt Ion:104 Resp: 87035

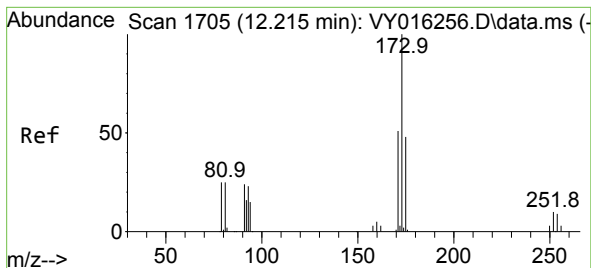
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 56.4 44.6 67.0





#71

Bromoform

Concen: 21.584 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016382.D

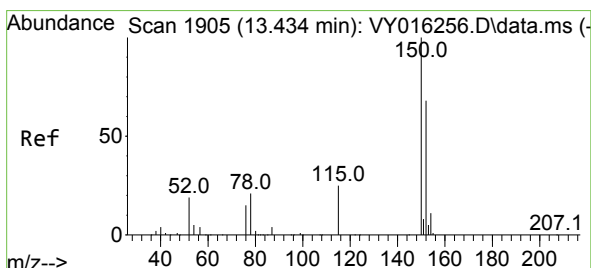
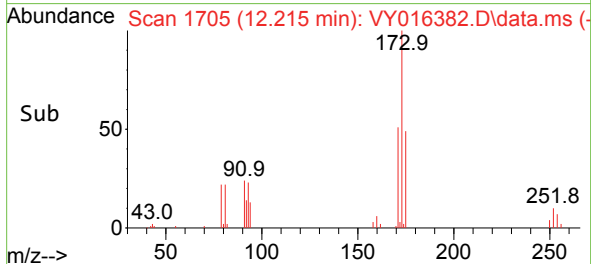
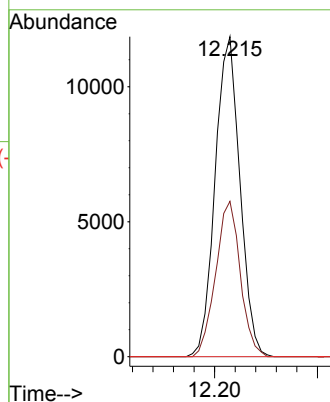
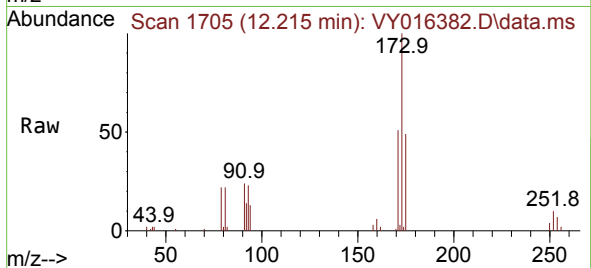
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	19808
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

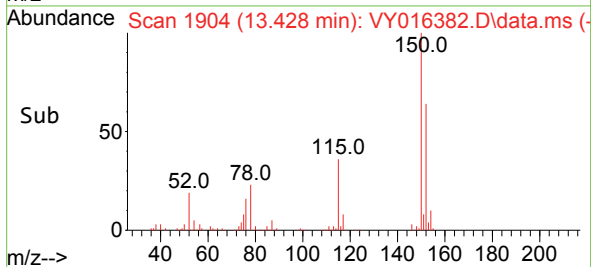
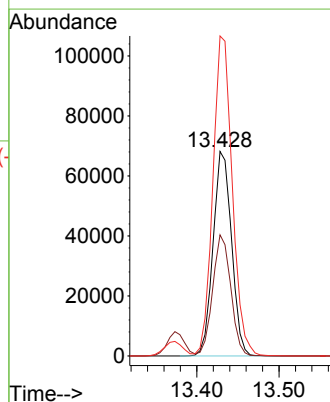
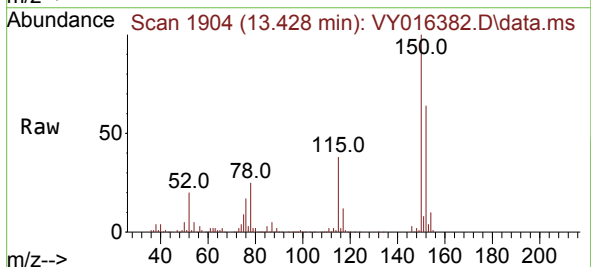
RT: 13.428 min Scan# 1904

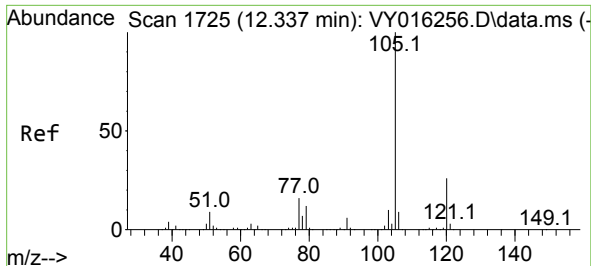
Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

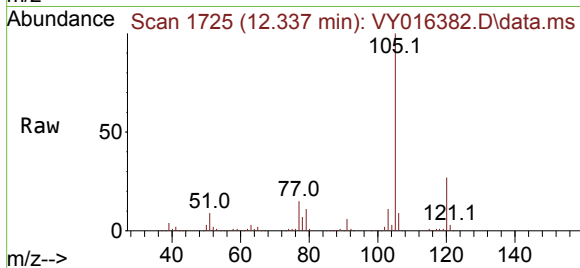
Tgt Ion:152	Resp:	106503
Ion Ratio	Lower	Upper
152	100	
115	58.0	28.8 86.5
150	163.9	0.0 348.8



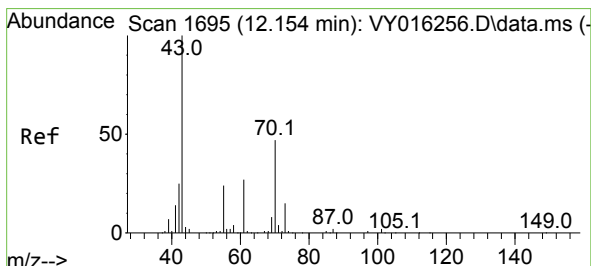
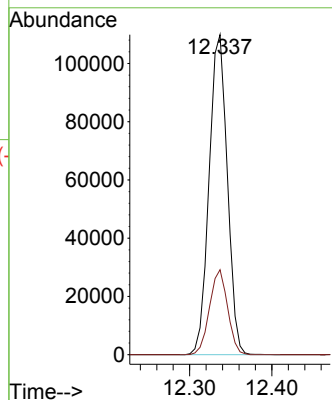
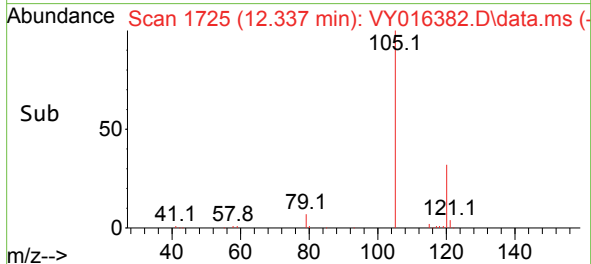


#73
Isopropylbenzene
Concen: 19.591 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

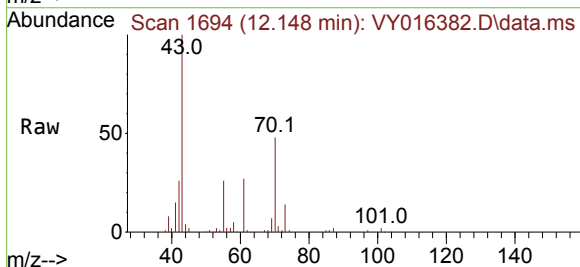
Instrument :
MSVOA_Y
ClientSampleId :



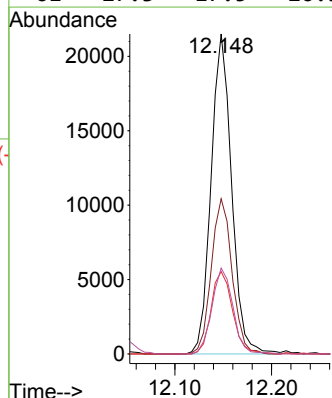
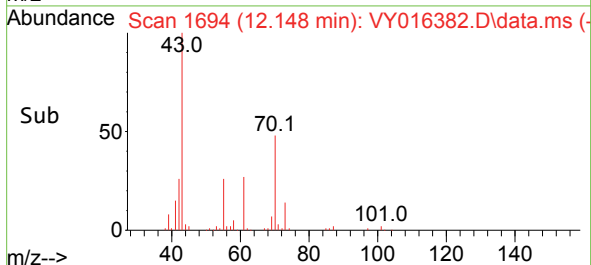
Tgt Ion:105 Resp: 168957
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

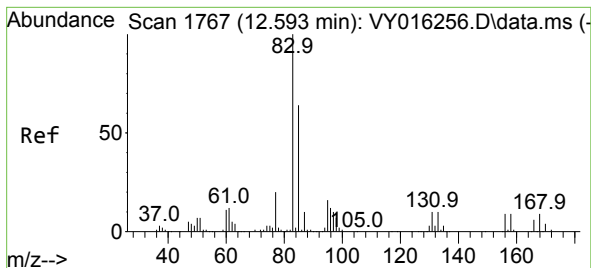


#74
N-ethyl acetate
Concen: 18.313 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06



Tgt Ion: 43 Resp: 31724
Ion Ratio Lower Upper
43 100
70 49.2 29.7 44.5#
55 26.8 18.3 27.5
61 27.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.079 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

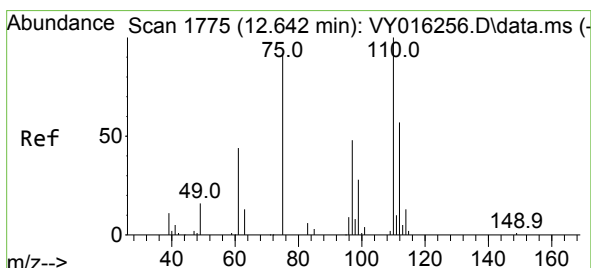
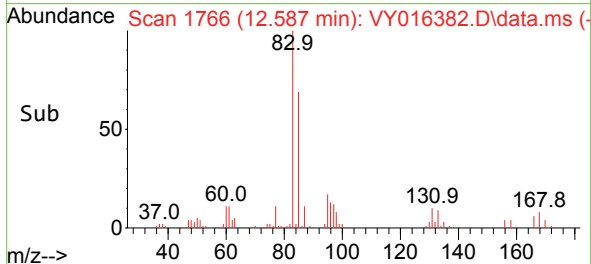
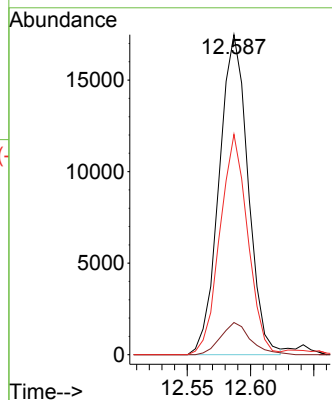
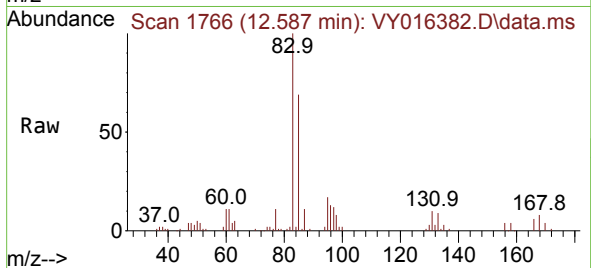
Tgt Ion: 83 Resp: 27787

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 66.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.433 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016382.D

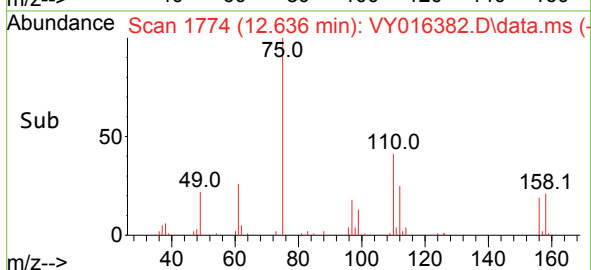
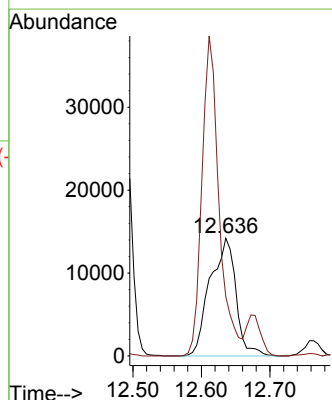
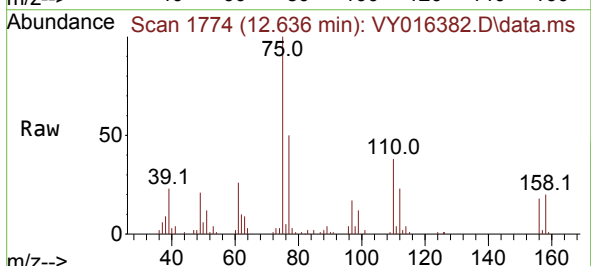
Acq: 16 Nov 2023 12:06

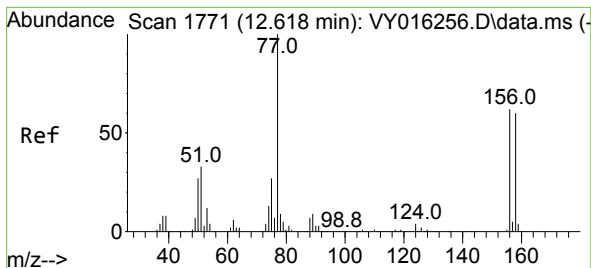
Tgt Ion: 75 Resp: 37223

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.518 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

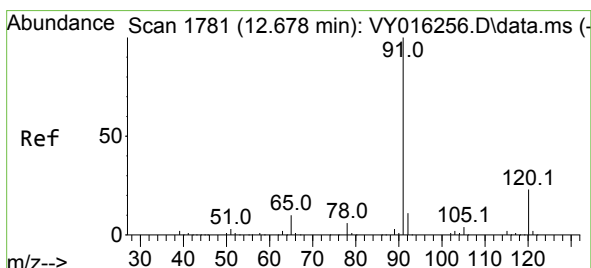
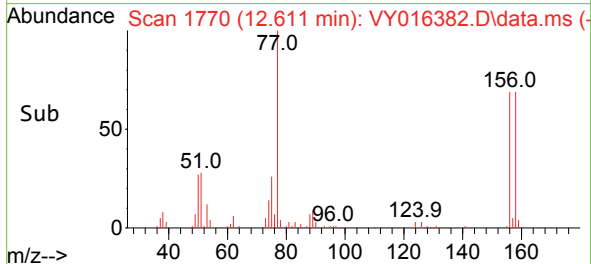
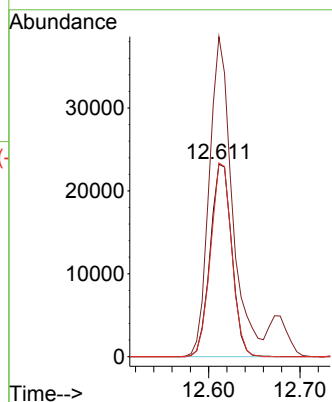
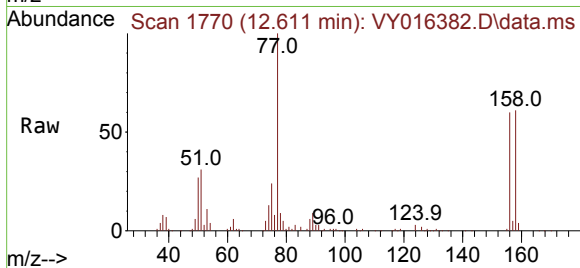
Tgt Ion:156 Resp: 38045

Ion Ratio Lower Upper

156 100

77 177.3 92.8 278.6

158 98.5 48.4 145.3



#78

n-propylbenzene

Concen: 19.234 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016382.D

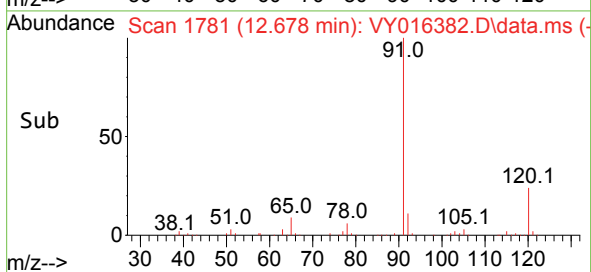
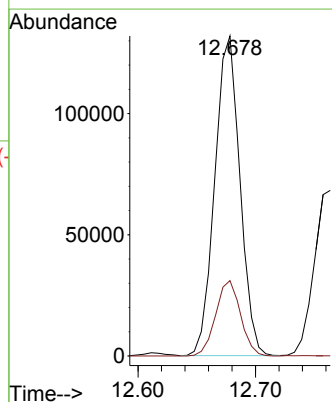
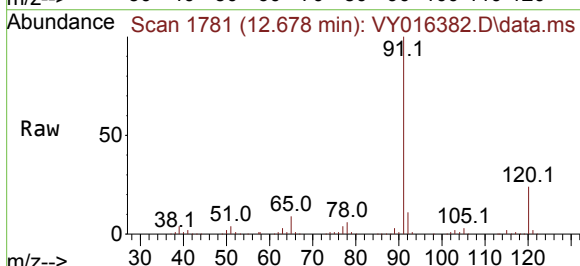
Acq: 16 Nov 2023 12:06

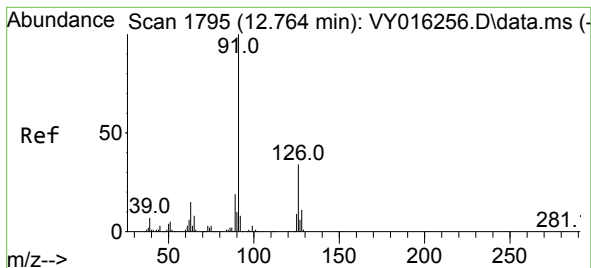
Tgt Ion: 91 Resp: 196032

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.517 ug/l

RT: 12.764 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

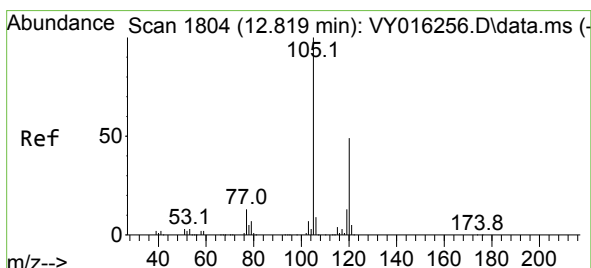
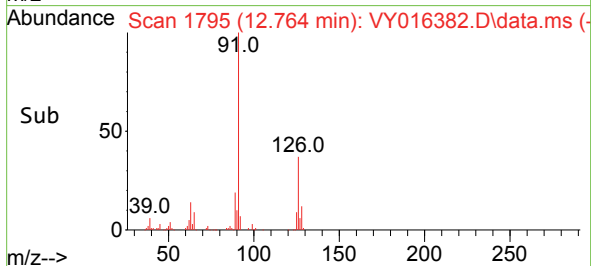
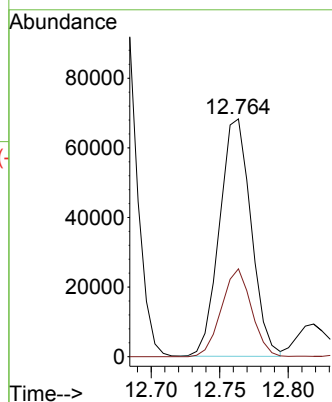
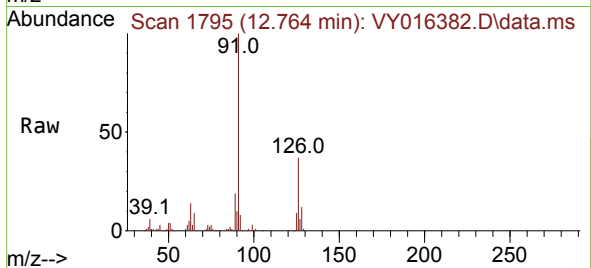
ClientSampleId :

Tgt Ion: 91 Resp: 109626

Ion Ratio Lower Upper

91 100

126 35.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.563 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY016382.D

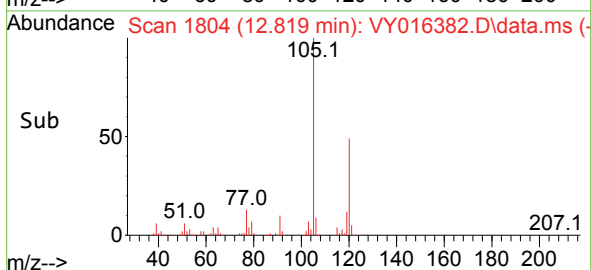
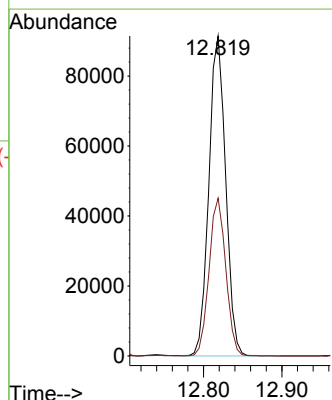
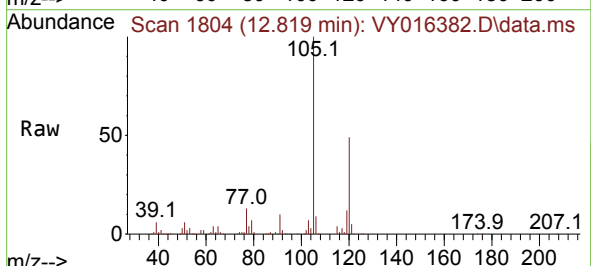
Acq: 16 Nov 2023 12:06

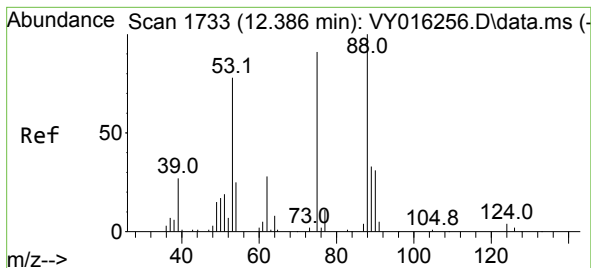
Tgt Ion: 105 Resp: 136031

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7

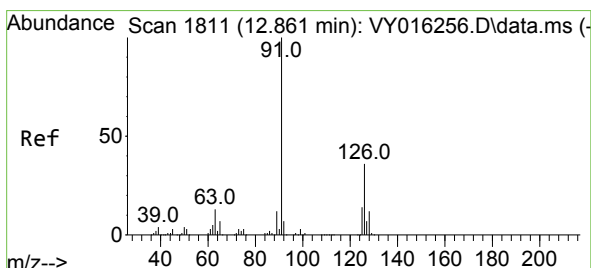
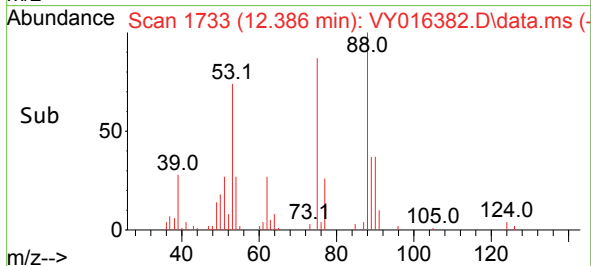
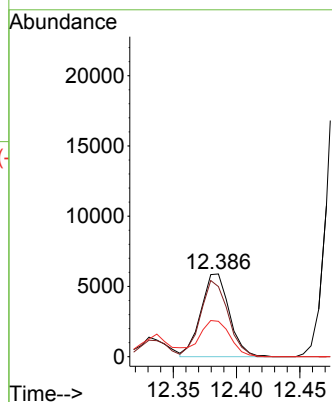
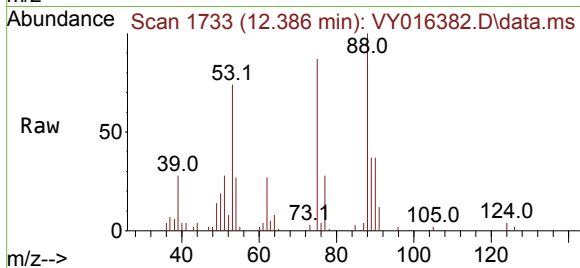




#81
trans-1,4-Dichloro-2-butene
Concen: 19.529 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

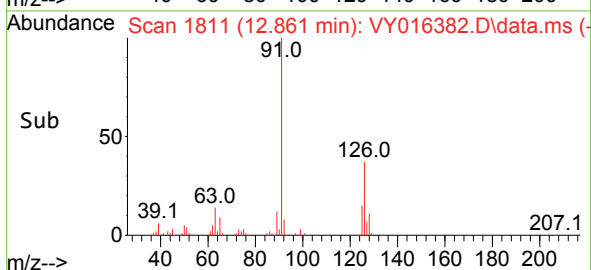
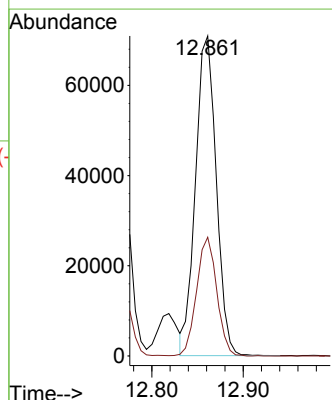
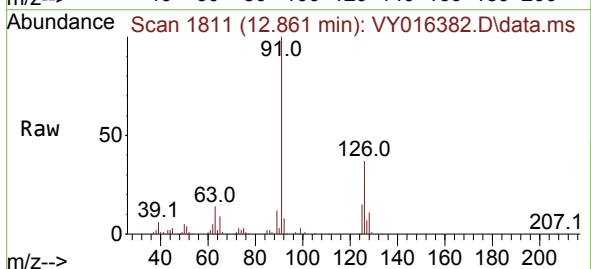
Instrument :
MSVOA_Y
ClientSampleId :

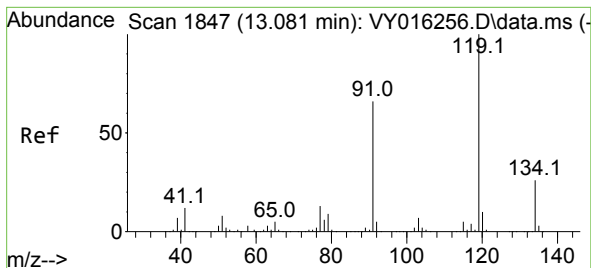
Tgt Ion: 75 Resp: 9192
Ion Ratio Lower Upper
75 100
53 89.0 77.8 116.8
89 48.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.275 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016382.D
Acq: 16 Nov 2023 12:06

Tgt Ion: 91 Resp: 111873
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.732 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

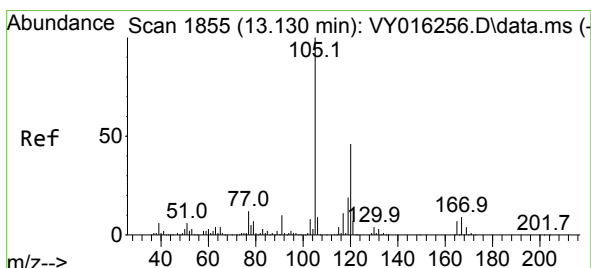
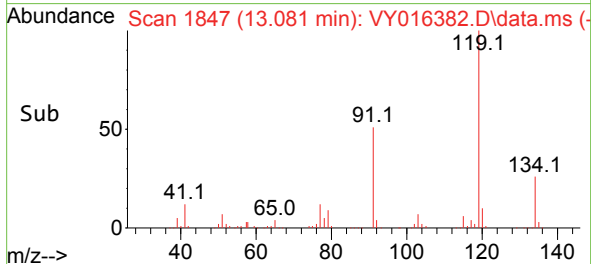
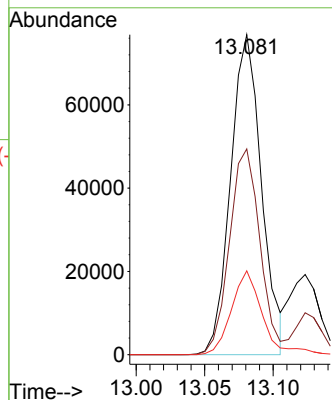
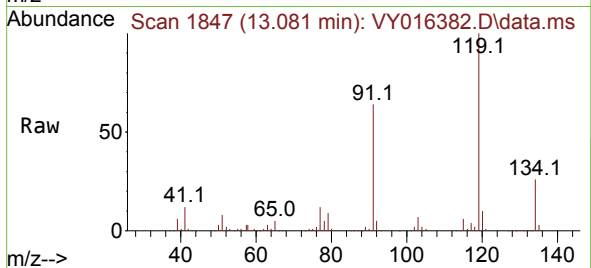
Tgt Ion:119 Resp: 120852

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.683 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016382.D

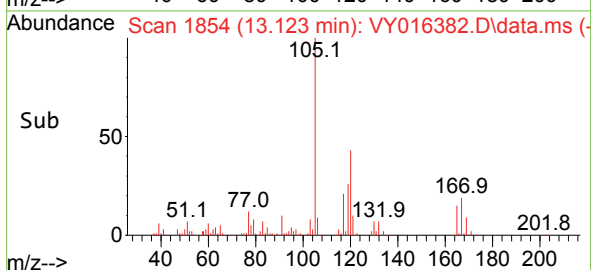
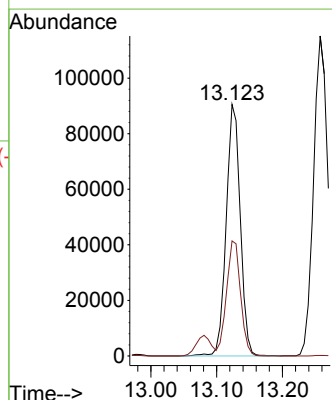
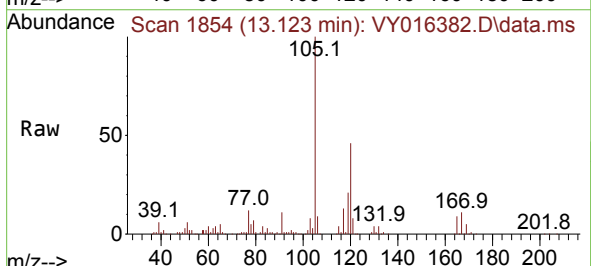
Acq: 16 Nov 2023 12:06

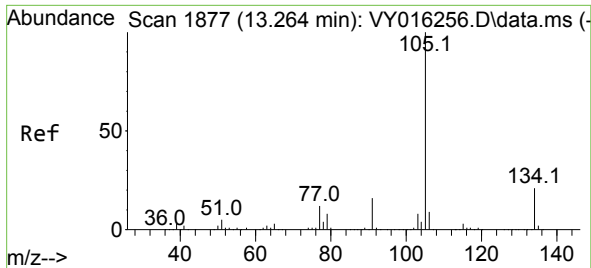
Tgt Ion:105 Resp: 134766

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6

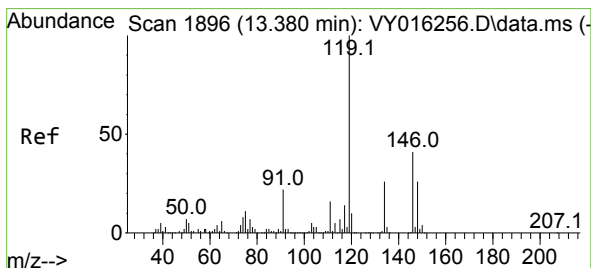
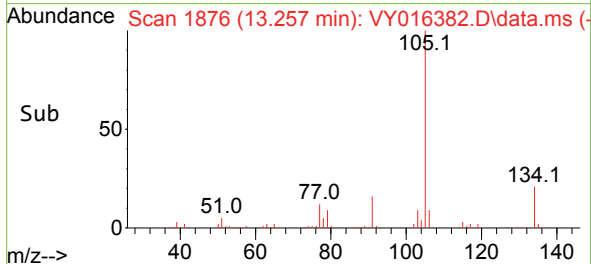
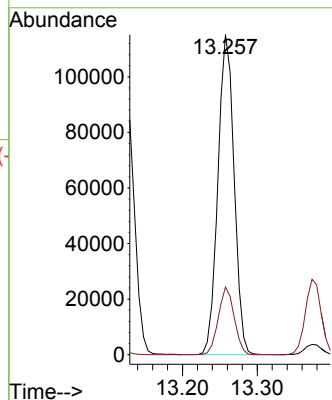
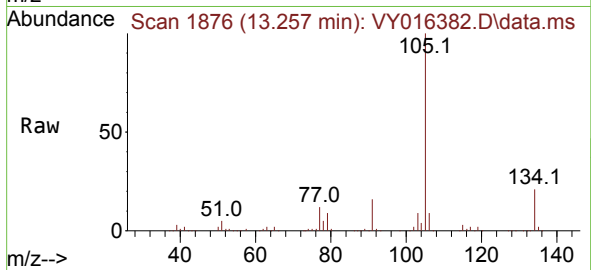




#85
 sec-Butylbenzene
 Concen: 19.806 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016382.D
 Acq: 16 Nov 2023 12:06

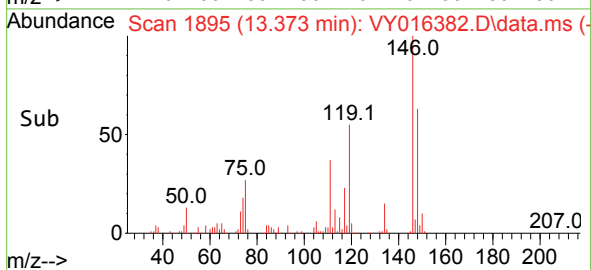
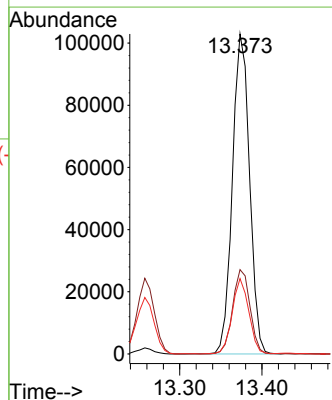
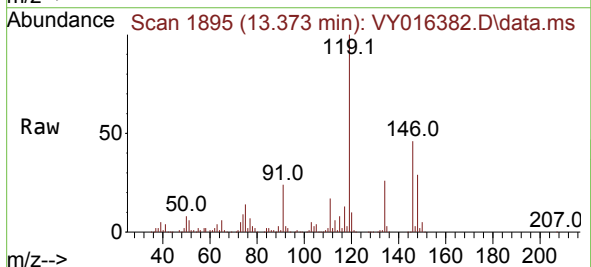
Instrument :
 MSVOA_Y
 ClientSampleId :

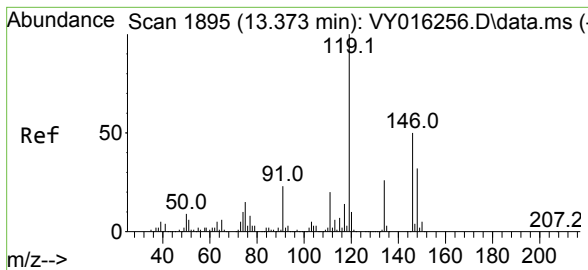
Tgt Ion:105 Resp: 173298
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.820 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016382.D
 Acq: 16 Nov 2023 12:06

Tgt Ion:119 Resp: 149328
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.743 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016382.D

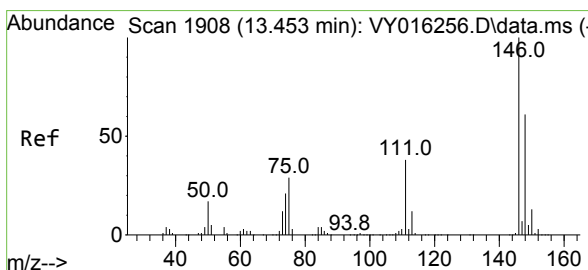
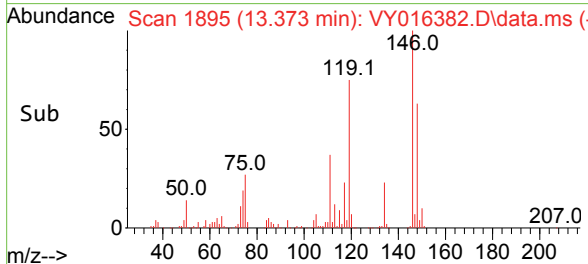
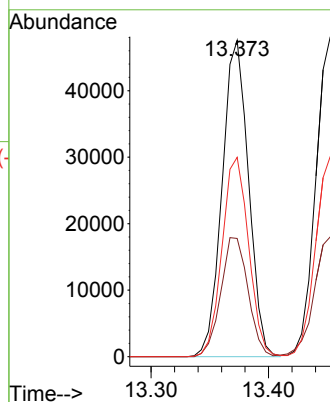
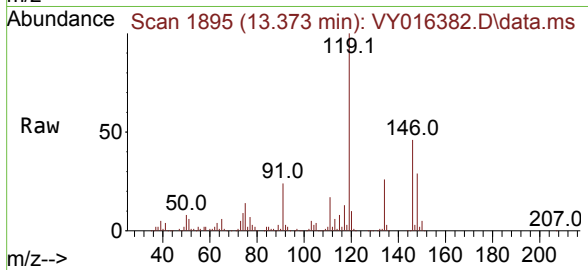
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	74036
Ion Ratio	Lower	Upper
146	100	
111	39.0	19.4 58.2
148	63.6	31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.062 ug/l

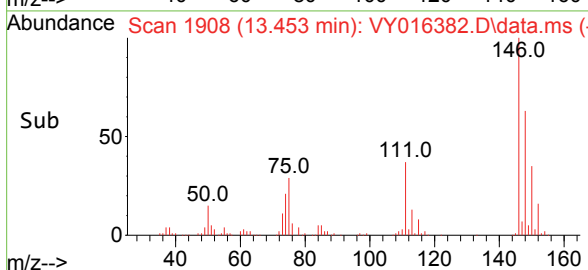
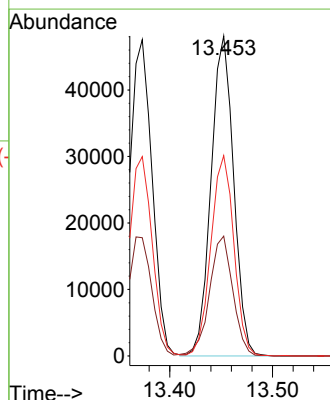
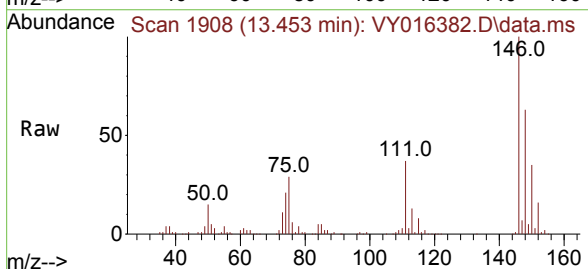
RT: 13.453 min Scan# 1908

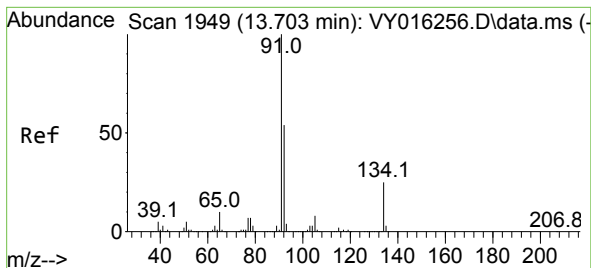
Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Tgt Ion:146	Resp:	73524
Ion Ratio	Lower	Upper
146	100	
111	38.9	18.9 56.7
148	63.9	32.1 96.5





#89

n-Butylbenzene

Concen: 19.561 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

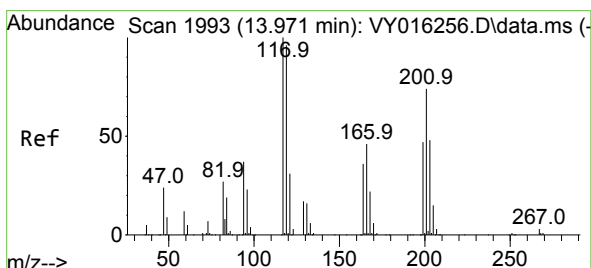
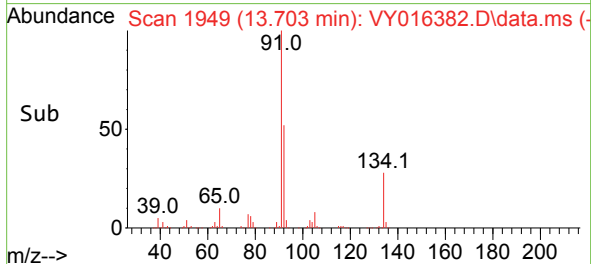
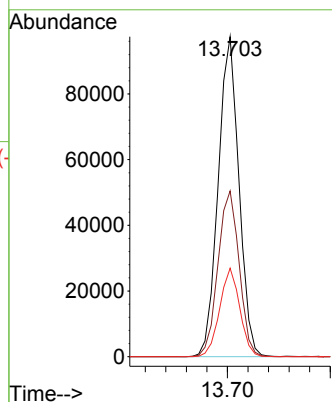
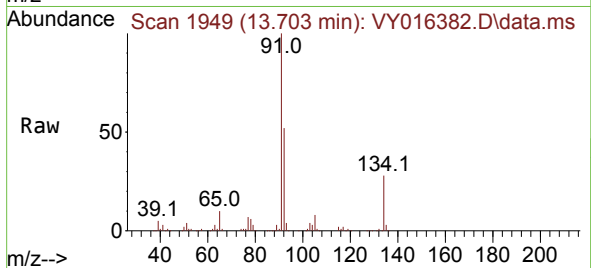
Tgt Ion: 91 Resp: 136107

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 19.261 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016382.D

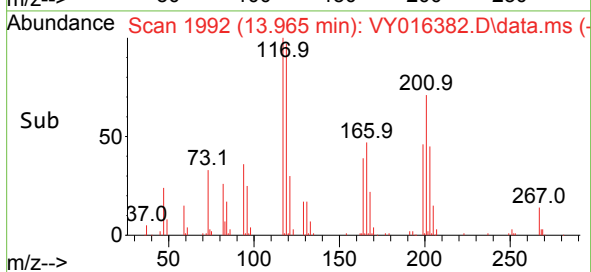
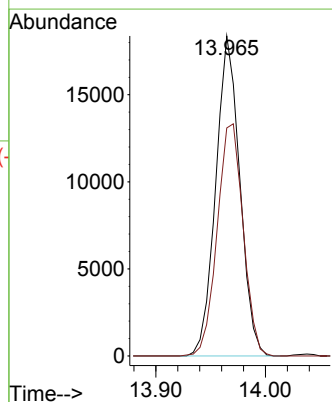
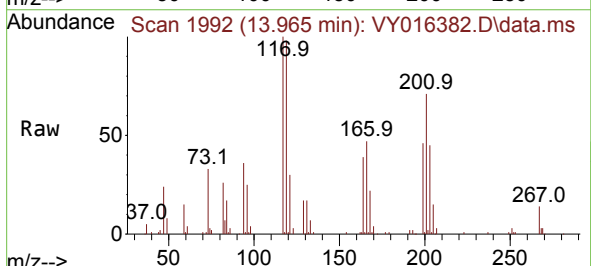
Acq: 16 Nov 2023 12:06

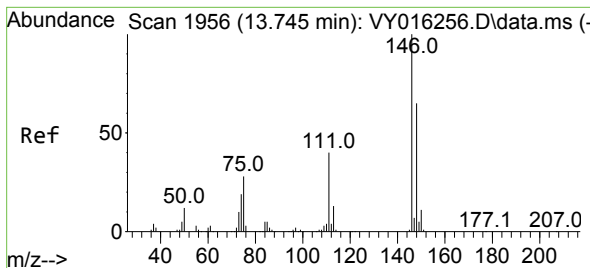
Tgt Ion: 117 Resp: 27994

Ion Ratio Lower Upper

117 100

201 78.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.684 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

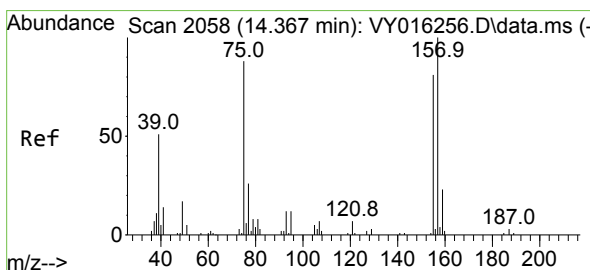
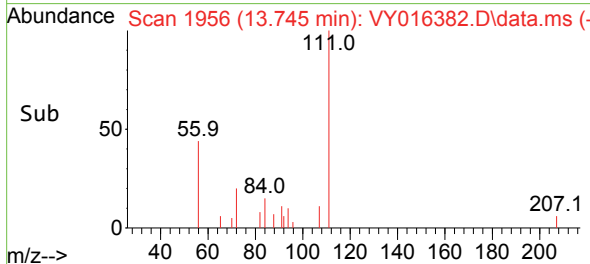
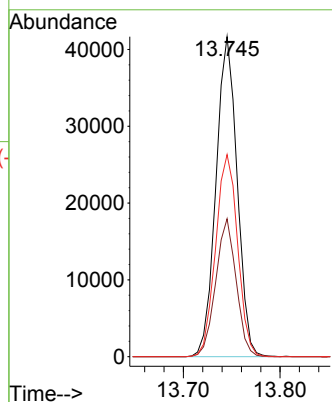
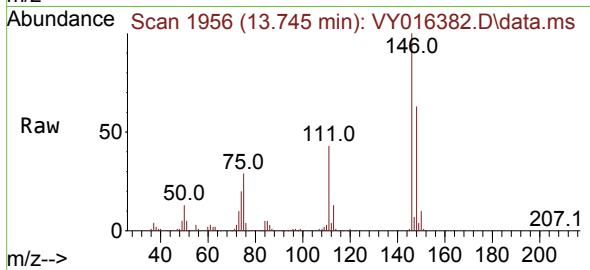
Tgt Ion:146 Resp: 63252

Ion Ratio Lower Upper

146 100

111 41.8 19.7 59.0

148 65.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.570 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

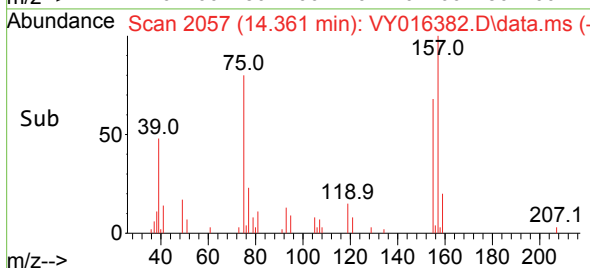
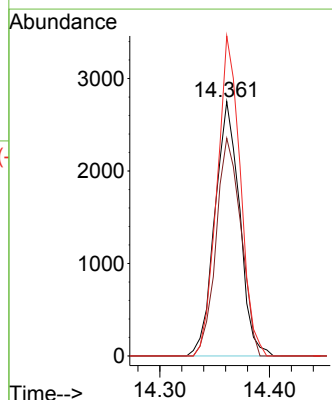
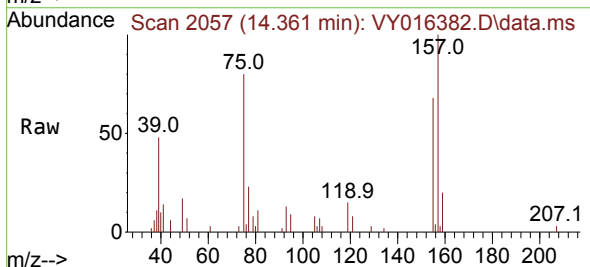
Tgt Ion: 75 Resp: 4309

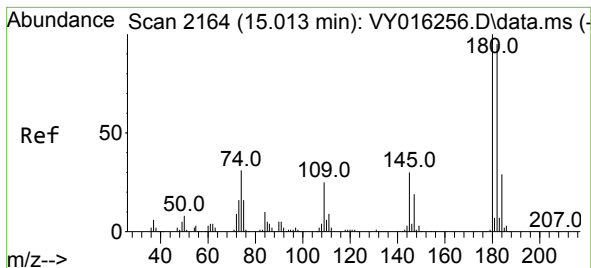
Ion Ratio Lower Upper

75 100

155 86.0 41.5 124.6

157 118.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.724 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

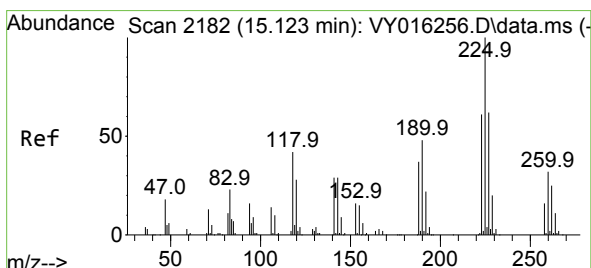
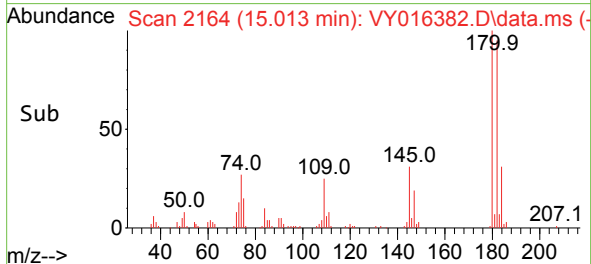
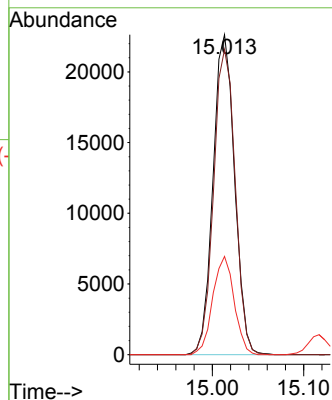
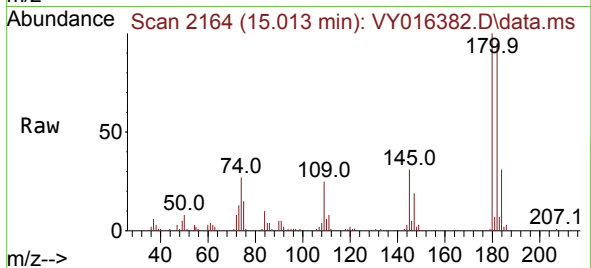
Tgt Ion:180 Resp: 36996

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.932 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

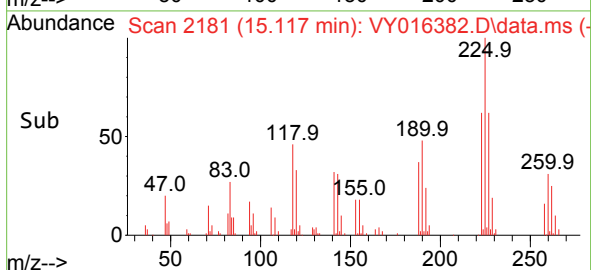
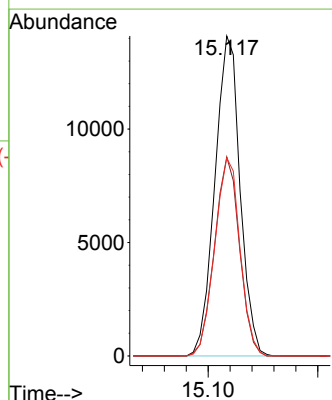
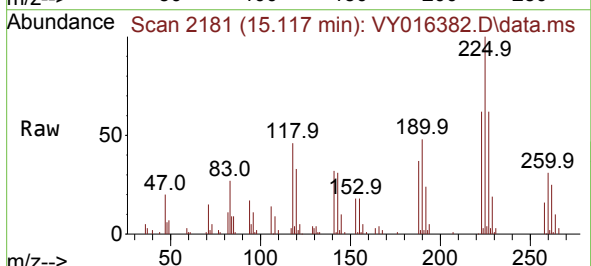
Tgt Ion:225 Resp: 22493

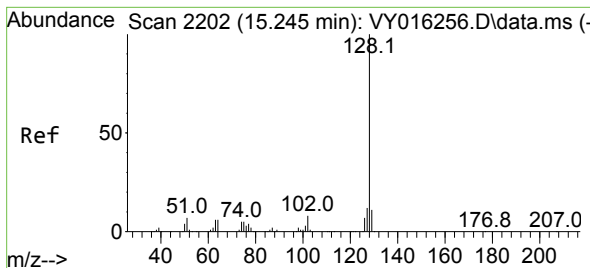
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 62.2 33.0 98.9





#95

Naphthalene

Concen: 19.654 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016382.D

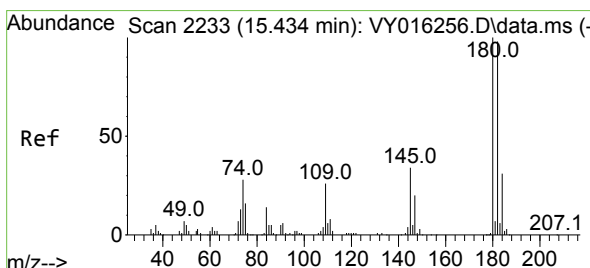
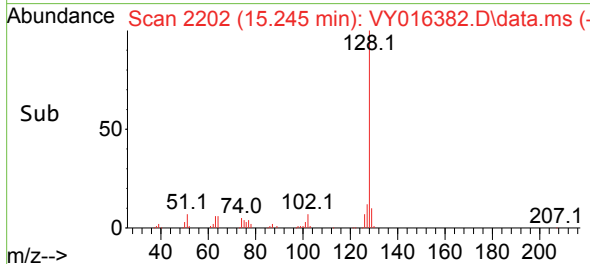
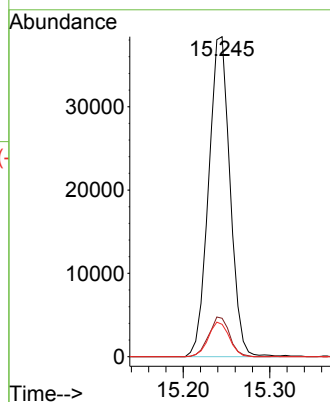
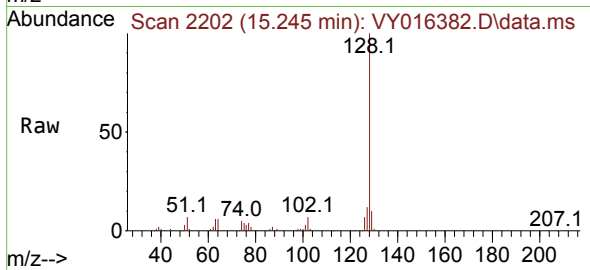
Acq: 16 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	65934
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.8 16.2
129	10.6	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.687 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016382.D

Acq: 16 Nov 2023 12:06

Tgt Ion:180	Resp:	30542
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.3 141.8
145	32.7	15.4 46.2

