

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016376.D
 Acq On : 15 Nov 2023 19:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:09:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	149681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	246204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	216914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100993	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	74291	54.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.734	113	76867	54.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.920%	
50) Toluene-d8	10.191	98	294472	51.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.840%	
62) 4-Bromofluorobenzene	12.495	95	97916	53.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	66425	45.322	ug/l	95
3) Chloromethane	2.125	50	78316	45.626	ug/l	99
4) Vinyl Chloride	2.259	62	83980	45.499	ug/l	97
5) Bromomethane	2.662	94	57677	47.550	ug/l	99
6) Chloroethane	2.808	64	56834	48.256	ug/l	97
7) Trichlorofluoromethane	3.137	101	136061	50.668	ug/l	99
8) Diethyl Ether	3.546	74	44035	54.867	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.918	101	79690	49.271	ug/l	95
10) Methyl Iodide	4.113	142	91100	52.153	ug/l	98
11) Tert butyl alcohol	4.978	59	27416	255.920	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	74321	49.135	ug/l	85
13) Acrolein	3.747	56	26620	206.014	ug/l	100
14) Allyl chloride	4.503	41	107738	50.193	ug/l #	92
15) Acrylonitrile	5.186	53	87267	273.993	ug/l	98
16) Acetone	3.966	43	64650	285.697	ug/l	94
17) Carbon Disulfide	4.216	76	213270	46.731	ug/l	99
18) Methyl Acetate	4.497	43	71111	59.140	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	197630	53.984	ug/l	100
20) Methylene Chloride	4.741	84	89386	56.358	ug/l	87
21) trans-1,2-Dichloroethene	5.247	96	87089	50.006	ug/l	95
22) Diisopropyl ether	6.143	45	240086	51.901	ug/l	88
23) Vinyl Acetate	6.082	43	572689	255.500	ug/l #	92
24) 1,1-Dichloroethane	6.039	63	146364	51.288	ug/l	96
25) 2-Butanone	7.009	43	107297	270.709	ug/l	92
26) 2,2-Dichloropropane	7.002	77	131203	50.515	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	98583	52.526	ug/l	91
28) Bromochloromethane	7.356	49	57963	54.879	ug/l	86
29) Tetrahydrofuran	7.368	42	71142	271.557	ug/l #	87
30) Chloroform	7.527	83	156655	52.737	ug/l	96
31) Cyclohexane	7.807	56	121872	45.248	ug/l	89
32) 1,1,1-Trichloroethane	7.722	97	141344	51.909	ug/l	97
36) 1,1-Dichloropropene	7.935	75	117410	48.346	ug/l	98
37) Ethyl Acetate	7.094	43	49369	50.313	ug/l #	95
38) Carbon Tetrachloride	7.917	117	128723	51.071	ug/l	99
39) Methylcyclohexane	9.197	83	144769	47.840	ug/l	92
40) Benzene	8.179	78	344526	50.494	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	24524	49.568	ug/l	92
42) 1,2-Dichloroethane	8.252	62	93984	53.162	ug/l	93
43) Isopropyl Acetate	8.289	43	98441	51.900	ug/l #	91
44) Trichloroethene	8.959	130	99157	50.566	ug/l	95
45) 1,2-Dichloropropane	9.234	63	83904	51.204	ug/l	96
46) Dibromomethane	9.319	93	47484	53.475	ug/l	98
47) Bromodichloromethane	9.508	83	120342	52.715	ug/l	97
48) Methyl methacrylate	9.307	41	55348	52.800	ug/l	85
49) 1,4-Dioxane	9.313	88	10709	1135.980	ug/l #	60
51) 4-Methyl-2-Pentanone	10.081	43	255460	266.345	ug/l	89
52) Toluene	10.258	92	220542	51.134	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	116822	52.787	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	138957	52.570	ug/l #	87
55) 1,1,2-Trichloroethane	10.654	97	66862	54.631	ug/l	96
56) Ethyl methacrylate	10.520	69	62359	53.975	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	111552	53.471	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	219101	279.685	ug/l	92
59) 2-Hexanone	10.843	43	179108	251.053	ug/l	86
60) Dibromochloromethane	10.996	129	85436	55.816	ug/l	99
61) 1,2-Dibromoethane	11.099	107	63282	54.272	ug/l	99
64) Tetrachloroethene	10.733	164	103115	52.943	ug/l	96
65) Chlorobenzene	11.526	112	234978	50.703	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	90959	53.213	ug/l	99
67) Ethyl Benzene	11.605	91	423084	50.798	ug/l	97
68) m/p-Xylenes	11.715	106	324334	102.668	ug/l	94
69) o-Xylene	12.038	106	152883	52.124	ug/l	97
70) Styrene	12.056	104	224255	53.396	ug/l	98
71) Bromoform	12.221	173	49170	55.437	ug/l #	99
73) Isopropylbenzene	12.343	105	409662	50.092	ug/l	100
74) N-amyl acetate	12.154	43	81595	49.671	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.593	83	67686	51.578	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	92648	95.630	ug/l #	100
77) Bromobenzene	12.617	156	94707	51.238	ug/l	94
78) n-propylbenzene	12.684	91	477767	49.433	ug/l	98
79) 2-Chlorotoluene	12.770	91	269279	50.556	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	333388	50.562	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	23252	52.095	ug/l	91
82) 4-Chlorotoluene	12.867	91	277165	50.359	ug/l	98
83) tert-Butylbenzene	13.087	119	292051	50.286	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	328477	50.593	ug/l	98
85) sec-Butylbenzene	13.264	105	410773	49.507	ug/l	99
86) p-Isopropyltoluene	13.379	119	359936	50.379	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	181988	51.177	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	178817	51.454	ug/l	99
89) n-Butylbenzene	13.709	91	330067	50.025	ug/l	96
90) Hexachloroethane	13.971	117	69227	50.230	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	156308	51.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10758	51.526	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	97991	55.093	ug/l	99
94) Hexachlorobutadiene	15.123	225	52861	51.875	ug/l	99
95) Naphthalene	15.245	128	182328	57.315	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	80086	54.438	ug/l	98

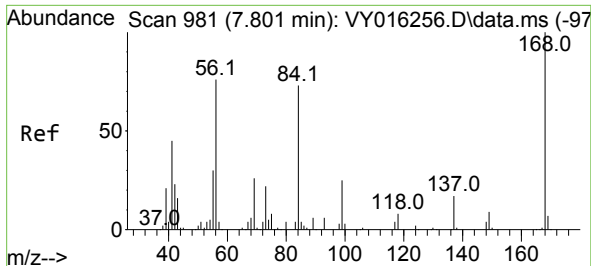
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
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Response via : Initial Calibration

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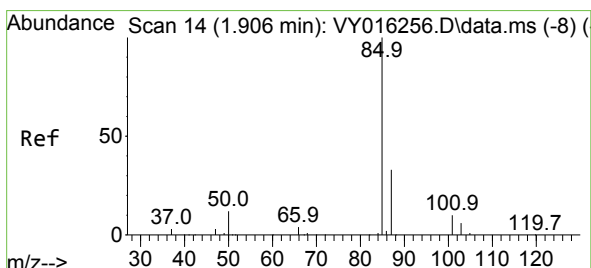
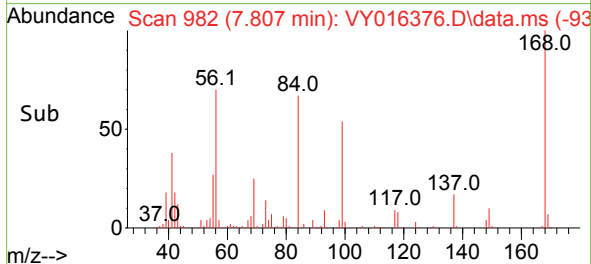
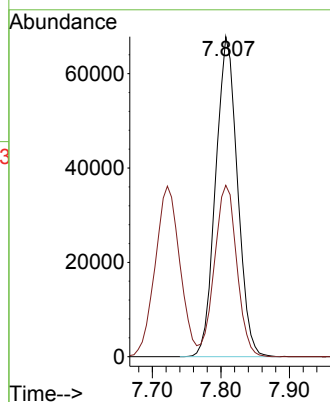
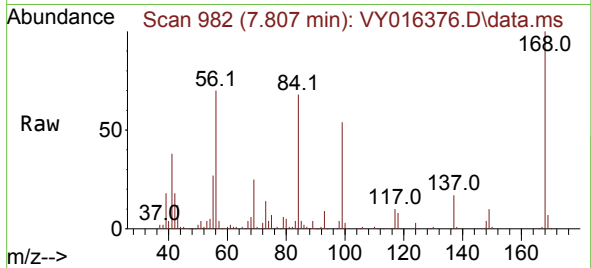
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016376.D
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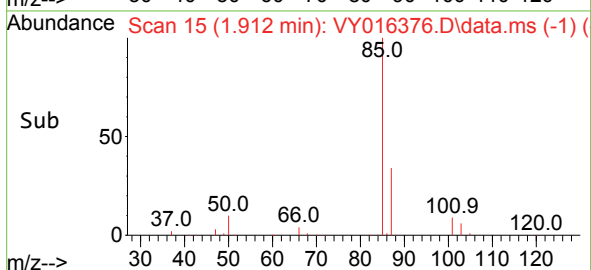
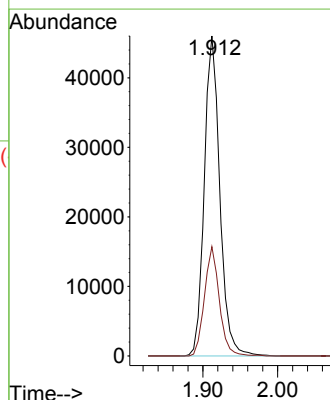
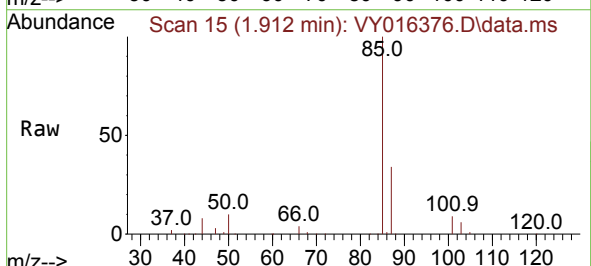
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ClientSampleId :

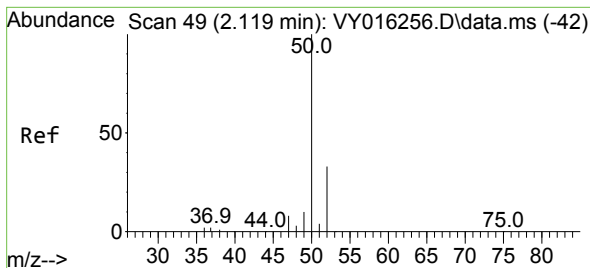
Tgt Ion:168 Resp: 149681
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.322 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 85 Resp: 66425
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 45.626 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

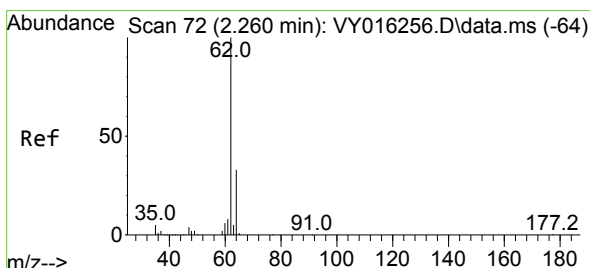
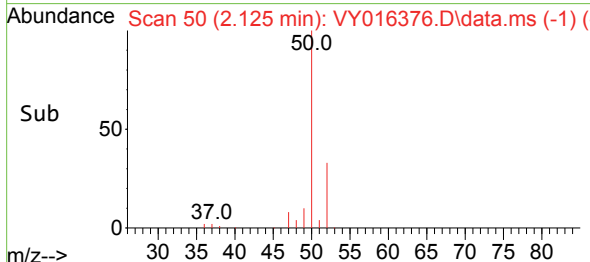
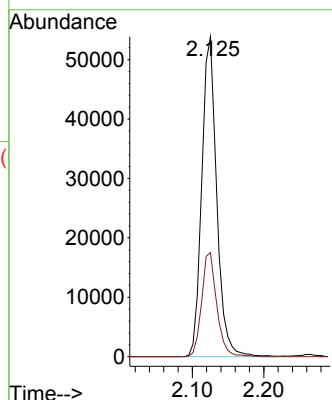
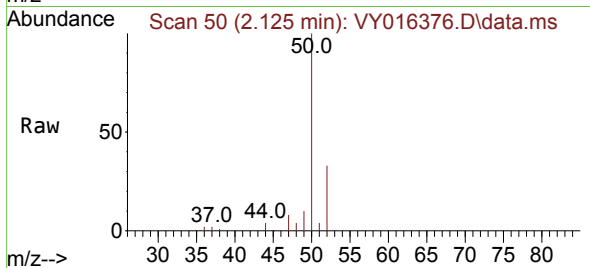
ClientSampleId :

Tgt Ion: 50 Resp: 78316

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2



#4

Vinyl Chloride

Concen: 45.499 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016376.D

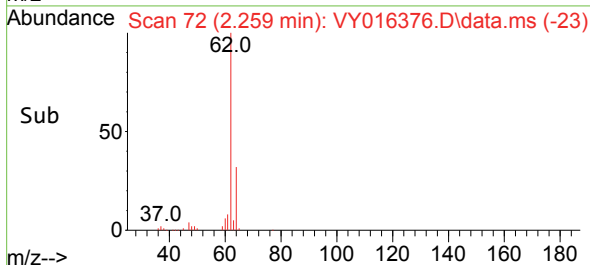
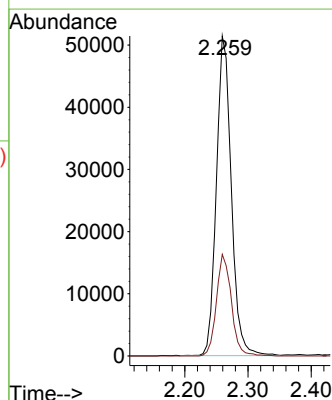
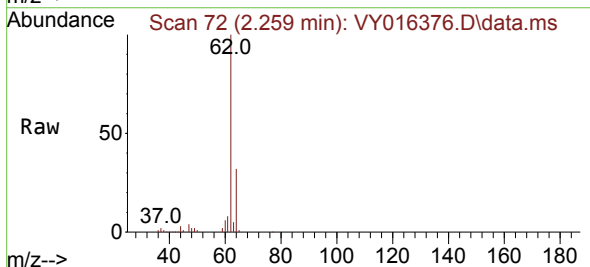
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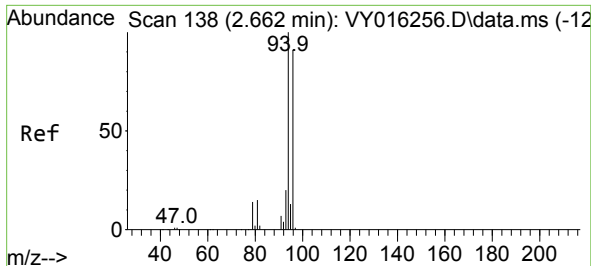
Tgt Ion: 62 Resp: 83980

Ion Ratio Lower Upper

62 100

64 31.8 24.3 36.5

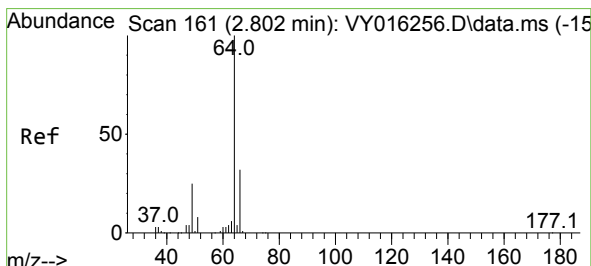
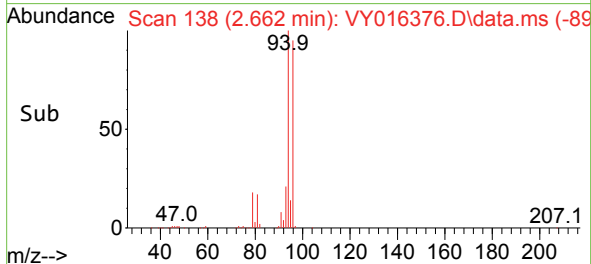
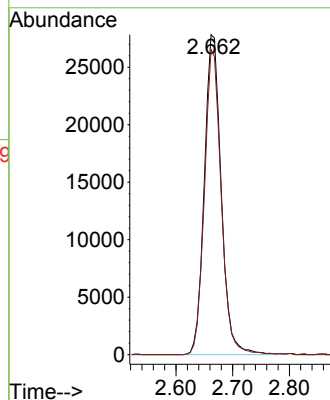
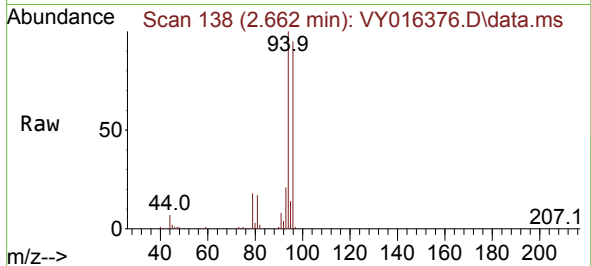




#5
Bromomethane
Concen: 47.550 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

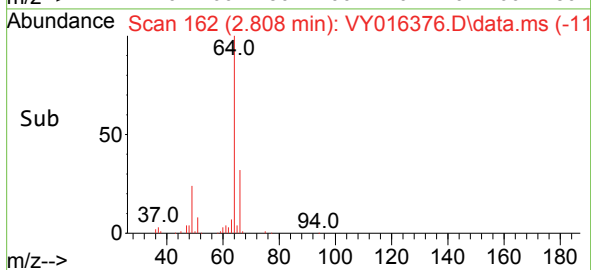
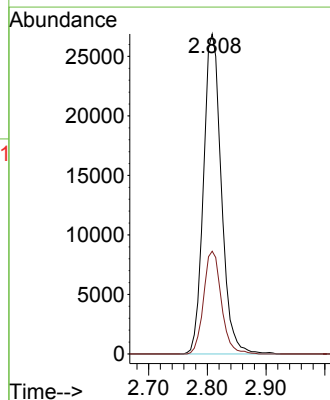
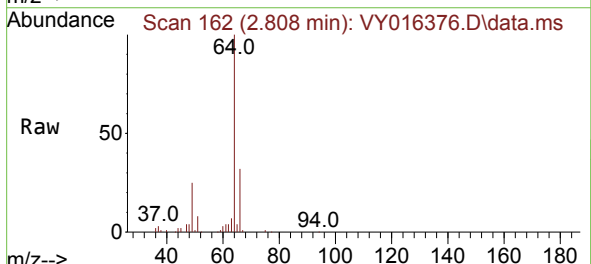
Instrument :
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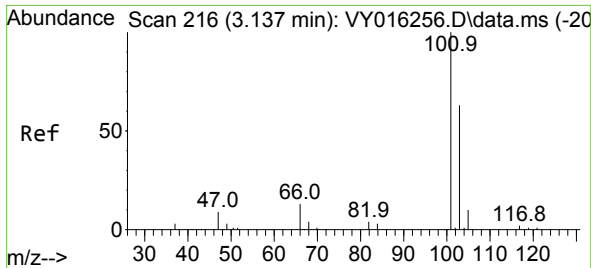
Tgt Ion: 94 Resp: 57677
Ion Ratio Lower Upper
94 100
96 95.3 75.8 113.6



#6
Chloroethane
Concen: 48.256 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

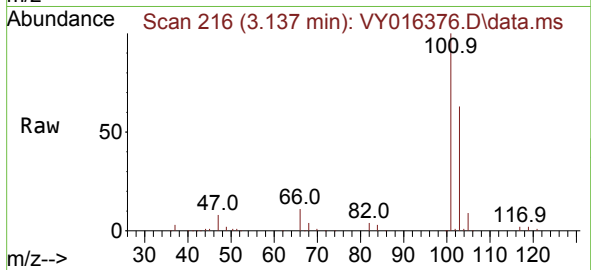
Tgt Ion: 64 Resp: 56834
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6



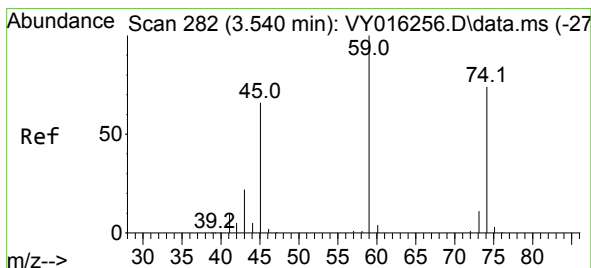
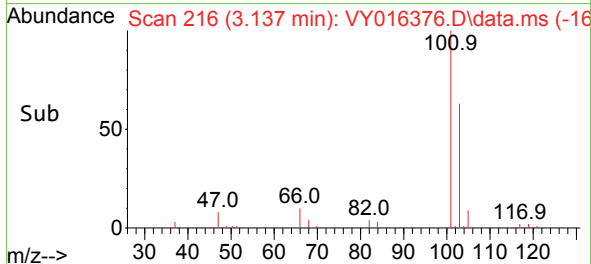
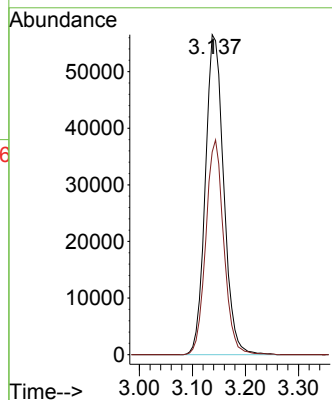


#7
 Trichlorofluoromethane
 Concen: 50.668 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

Instrument :
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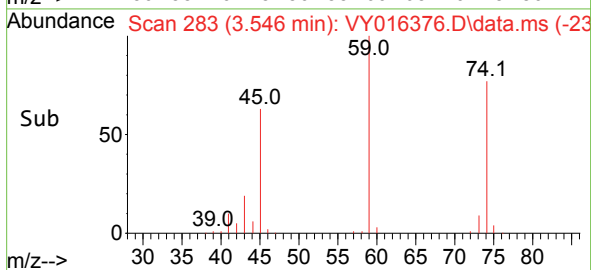
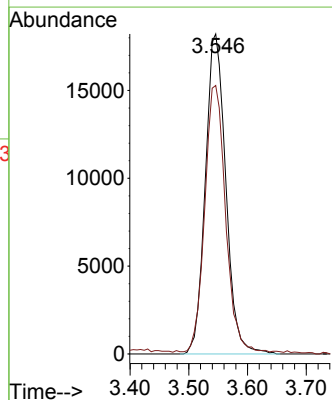
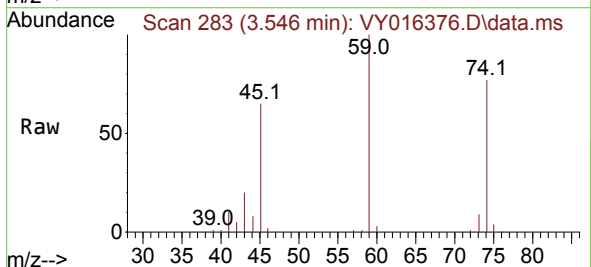


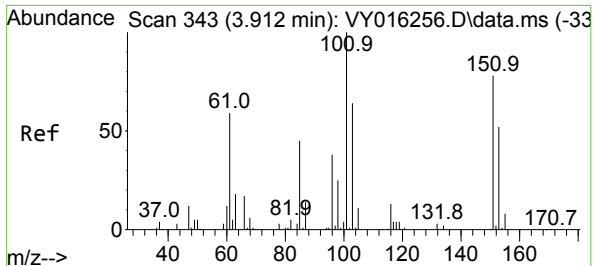
Tgt Ion:101 Resp: 136061
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.867 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

Tgt Ion: 74 Resp: 44035
 Ion Ratio Lower Upper
 74 100
 45 84.8 51.5 154.5

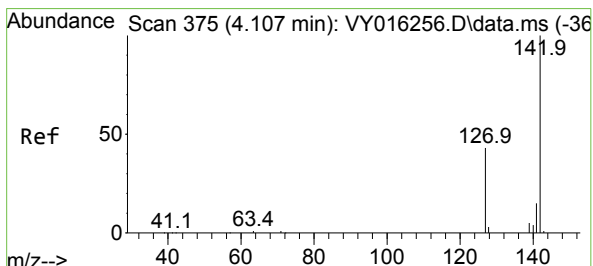
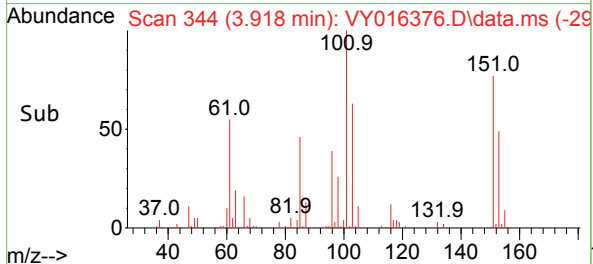
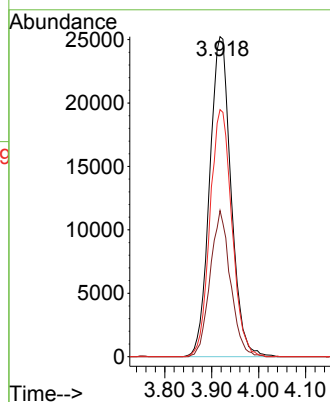
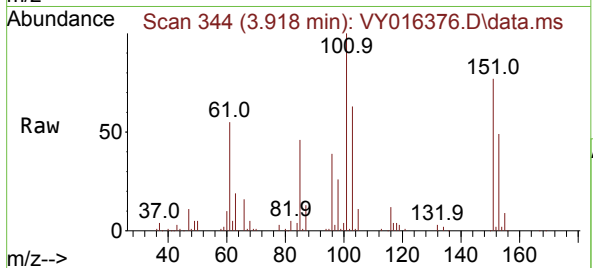




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.271 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016376.D
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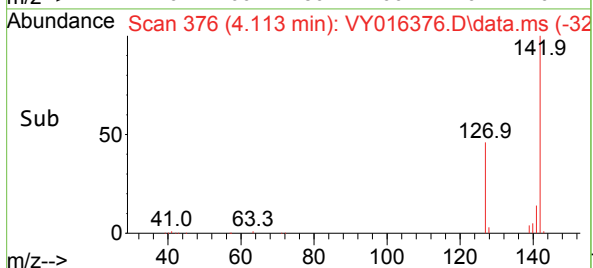
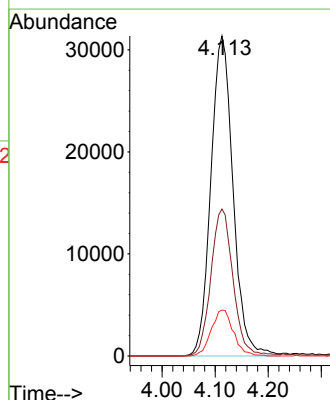
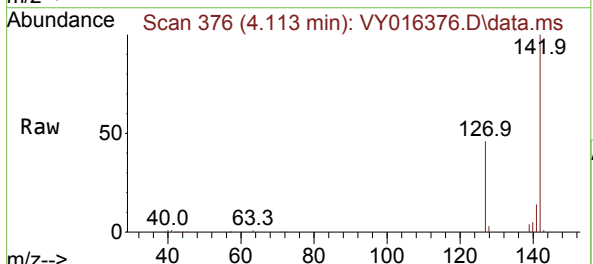
Instrument :
MSVOA_Y
ClientSampleId :

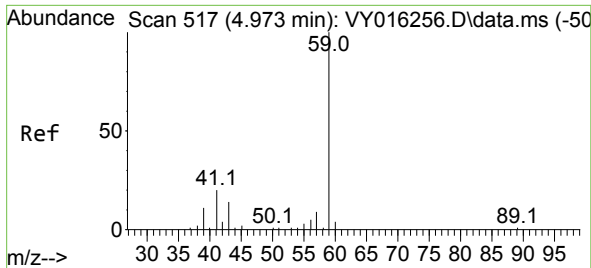
Tgt Ion:101 Resp: 79690
Ion Ratio Lower Upper
101 100
85 43.4 36.6 55.0
151 79.1 67.0 100.6



#10
Methyl Iodide
Concen: 52.153 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion:142 Resp: 91100
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8

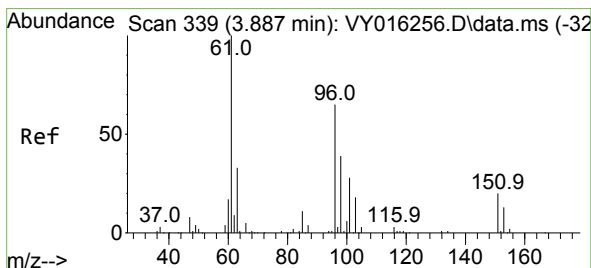
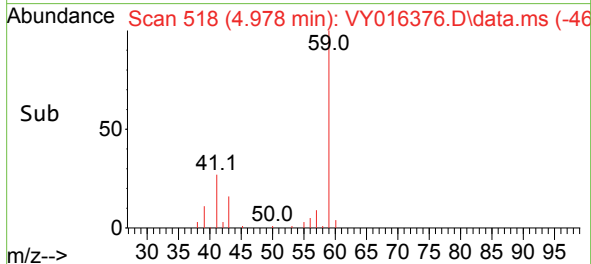
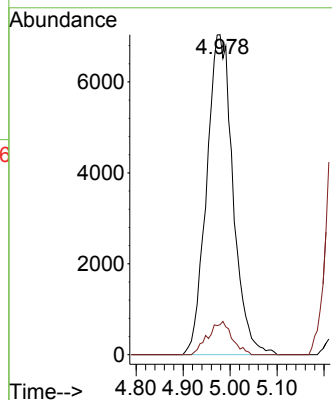
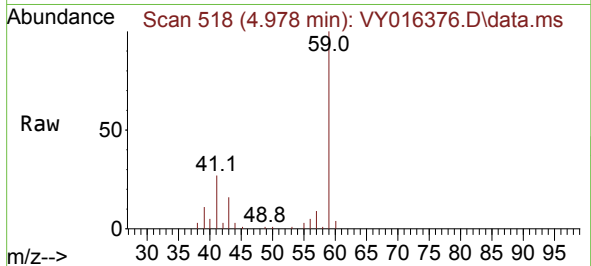




#11
Tert butyl alcohol
Concen: 255.920 ug/l
RT: 4.978 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

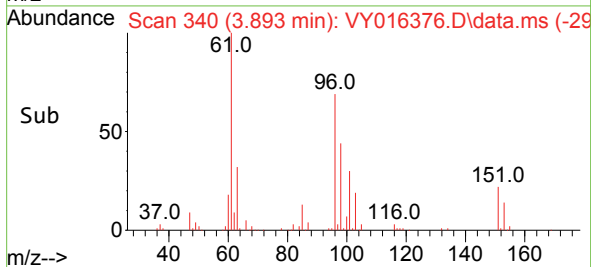
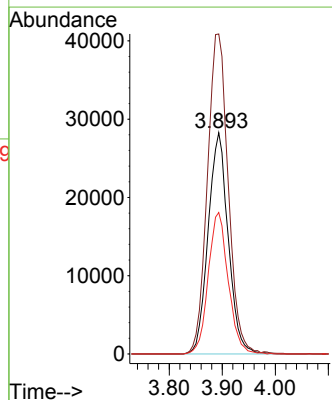
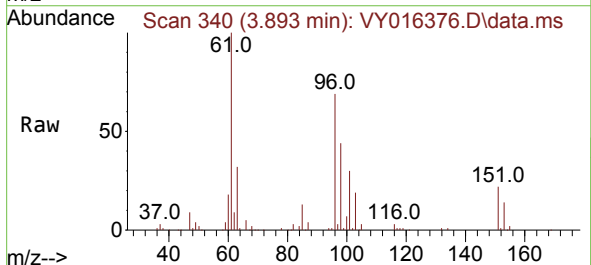
Instrument :
MSVOA_Y
ClientSampleId :

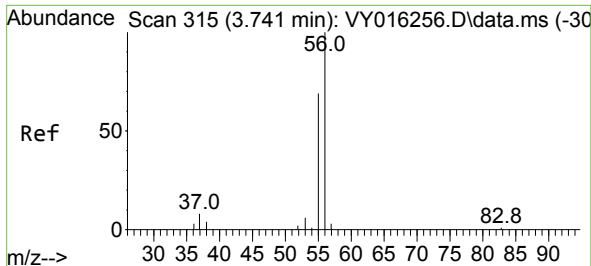
Tgt Ion: 59 Resp: 27416
Ion Ratio Lower Upper
59 100
57 9.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.135 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 96 Resp: 74321
Ion Ratio Lower Upper
96 100
61 144.6 136.4 204.6
98 64.0 49.4 74.2





#13

Acrolein

Concen: 206.014 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

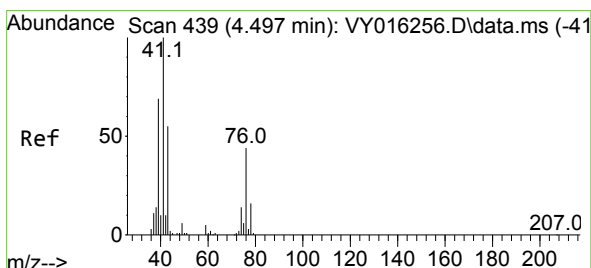
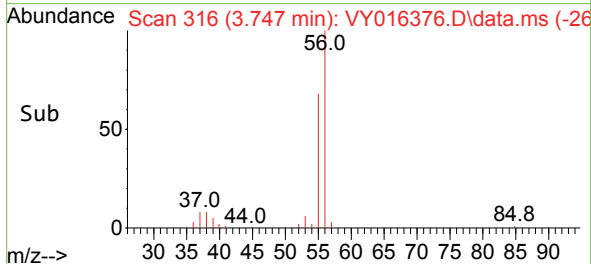
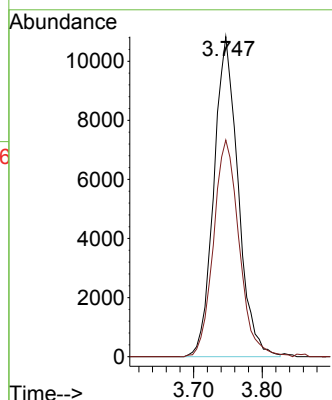
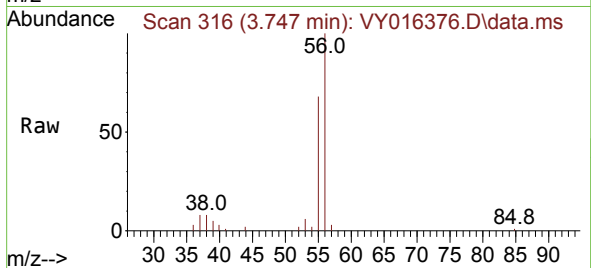
ClientSampleId :

Tgt Ion: 56 Resp: 26620

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 50.193 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

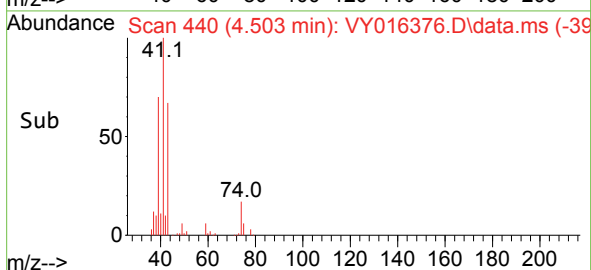
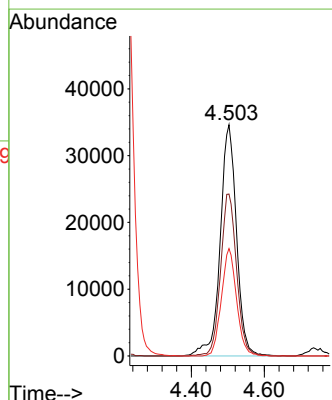
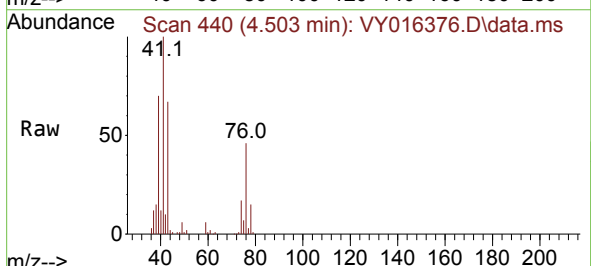
Tgt Ion: 41 Resp: 107738

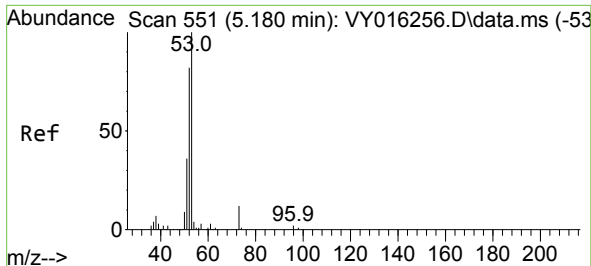
Ion Ratio Lower Upper

41 100

39 68.9 58.0 87.0

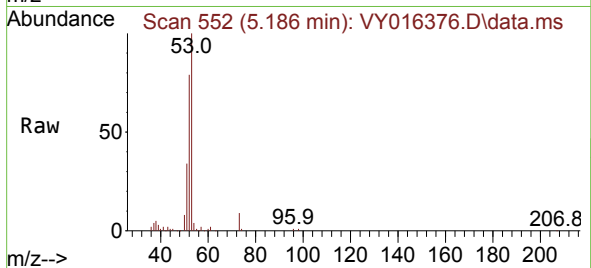
76 43.2 27.4 41.2#



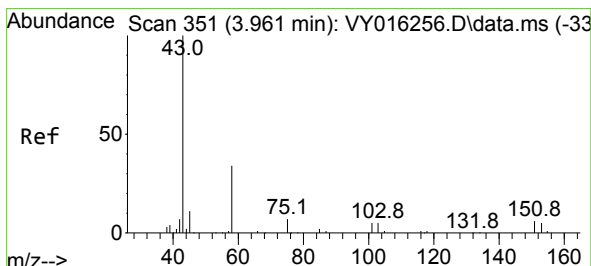
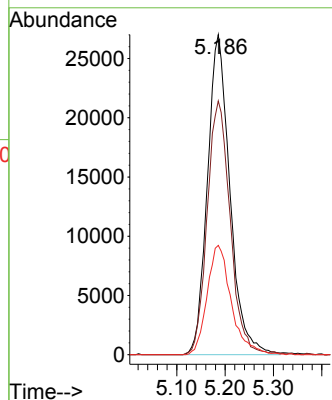
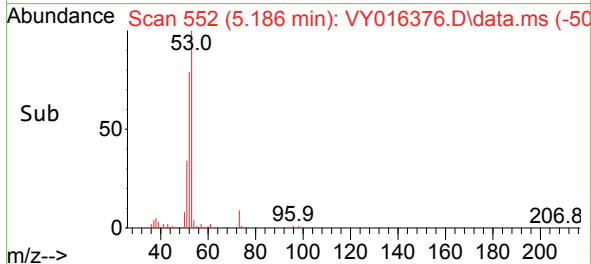


#15
Acrylonitrile
Concen: 273.993 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

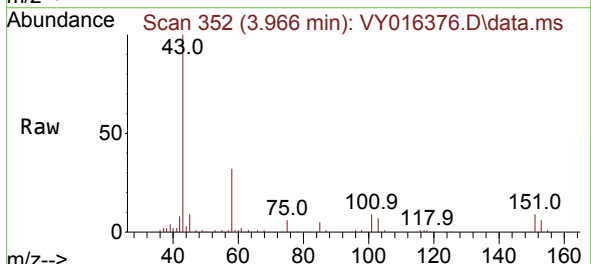
Instrument :
MSVOA_Y
ClientSampleId :



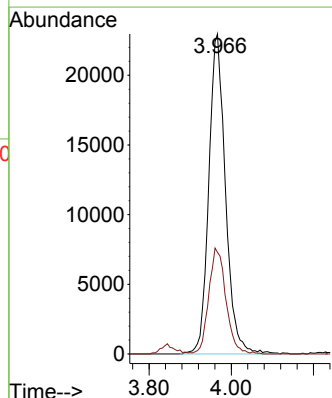
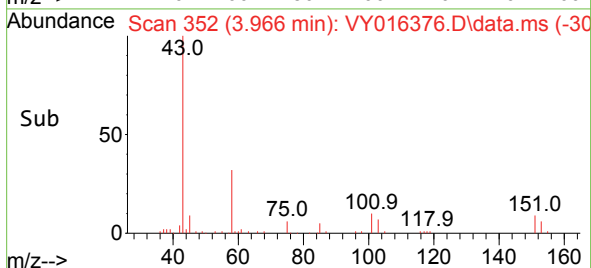
Tgt Ion: 53 Resp: 87267
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 36.7 29.8 44.6

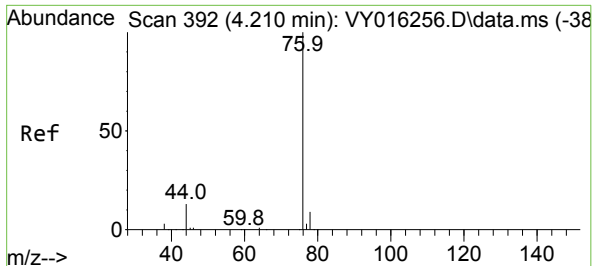


#16
Acetone
Concen: 285.697 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02



Tgt Ion: 43 Resp: 64650
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1





#17

Carbon Disulfide

Concen: 46.731 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

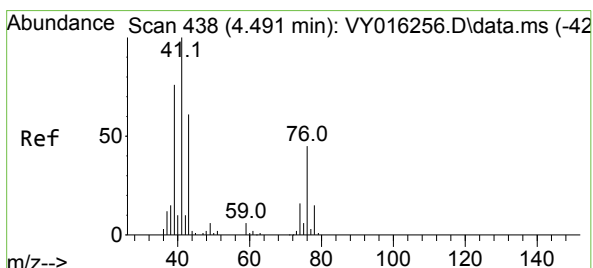
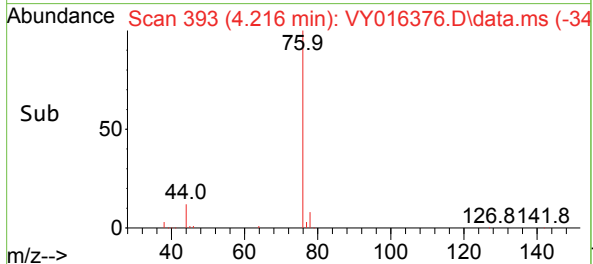
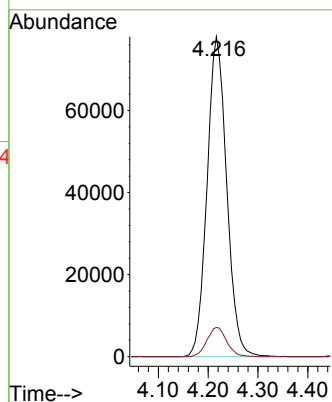
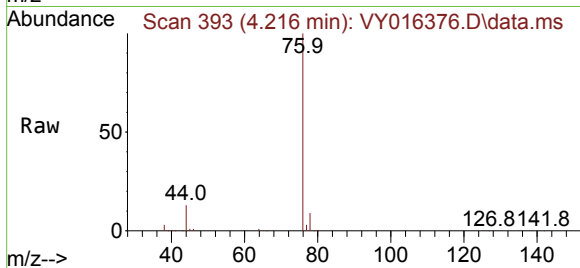
ClientSampleId :

Tgt Ion: 76 Resp: 213270

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 59.140 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016376.D

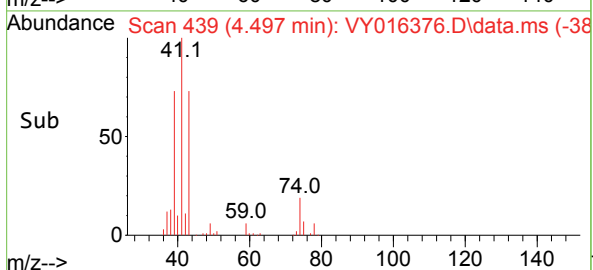
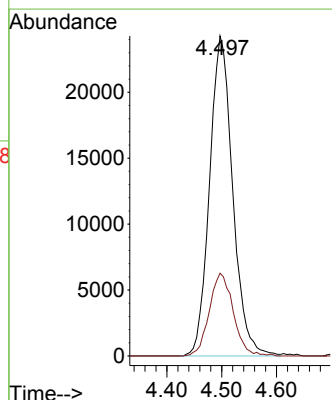
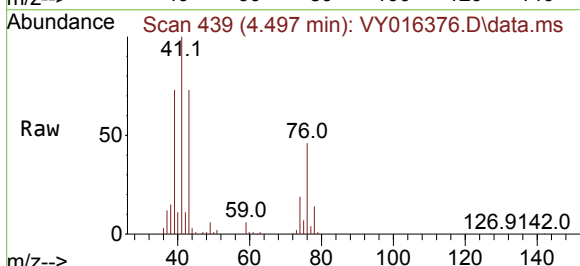
Acq: 15 Nov 2023 19:02

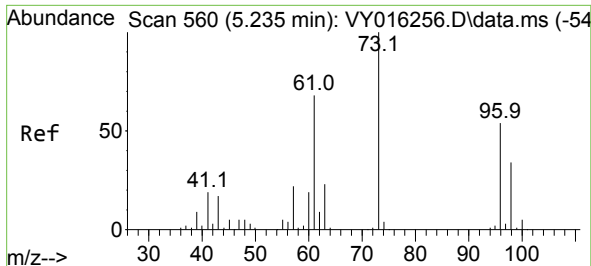
Tgt Ion: 43 Resp: 71111

Ion Ratio Lower Upper

43 100

74 26.8 17.4 26.0#

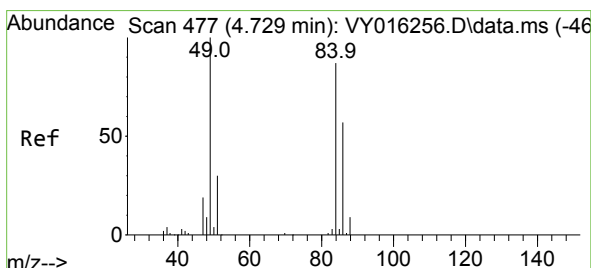
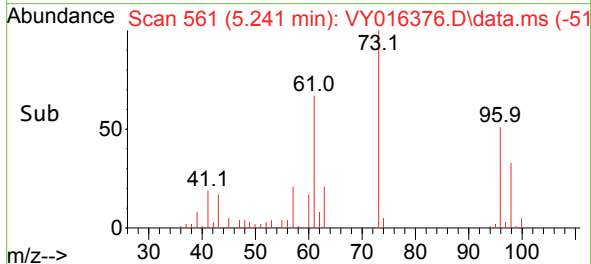
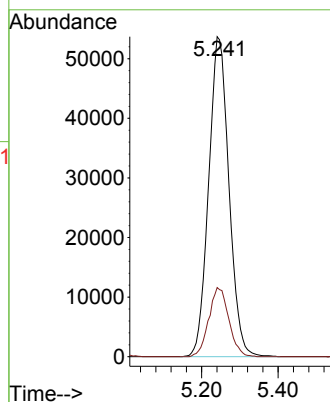
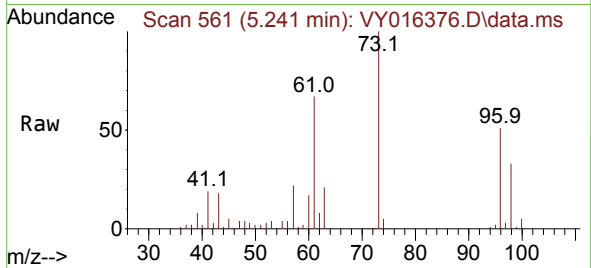




#19
Methyl tert-butyl Ether
Concen: 53.984 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

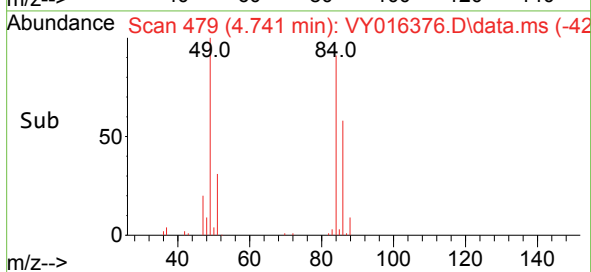
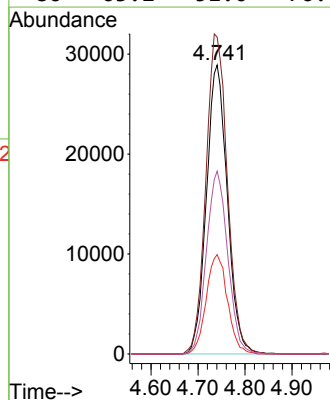
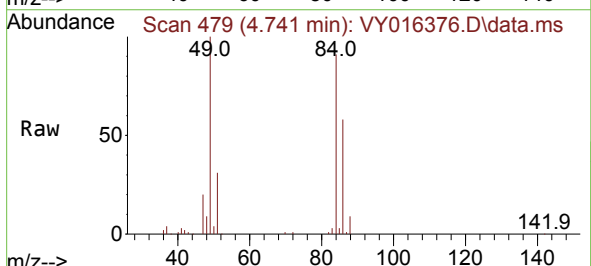
Instrument :
MSVOA_Y
ClientSampleId :

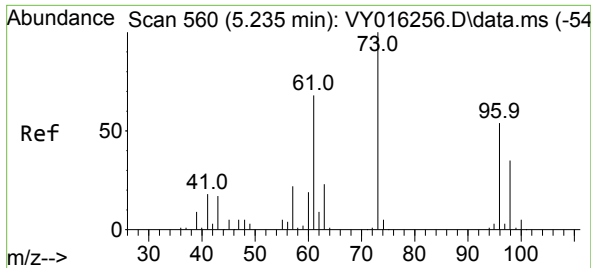
Tgt Ion: 73 Resp: 197630
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 56.358 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 84 Resp: 89386
Ion Ratio Lower Upper
84 100
49 109.6 106.9 160.3
51 34.4 33.2 49.8
86 63.2 51.0 76.6

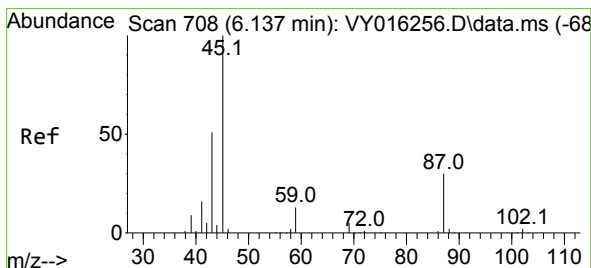
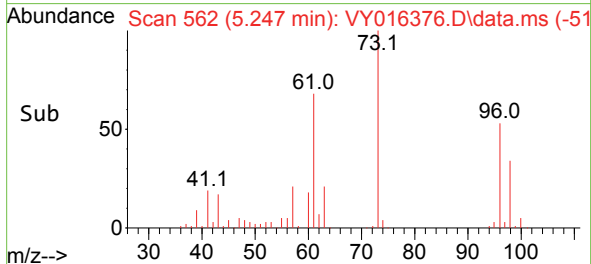
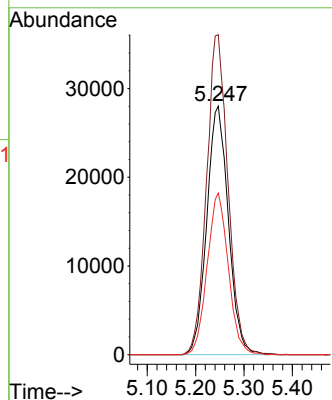
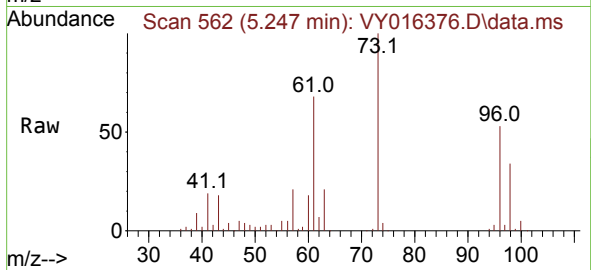




#21
trans-1,2-Dichloroethene
Concen: 50.006 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

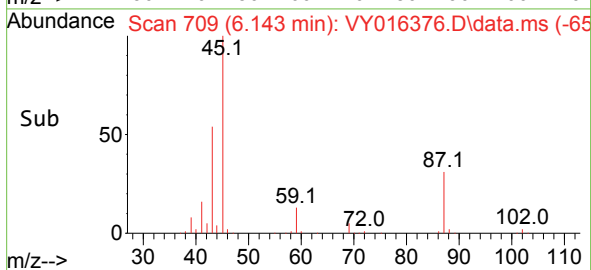
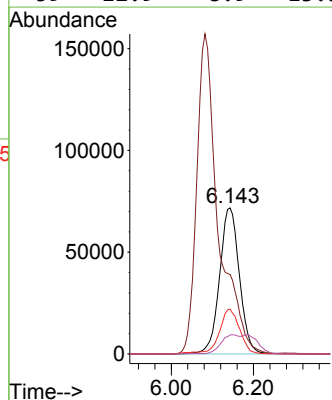
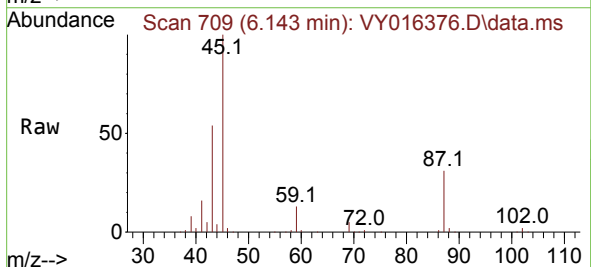
Instrument :
MSVOA_Y
ClientSampleId :

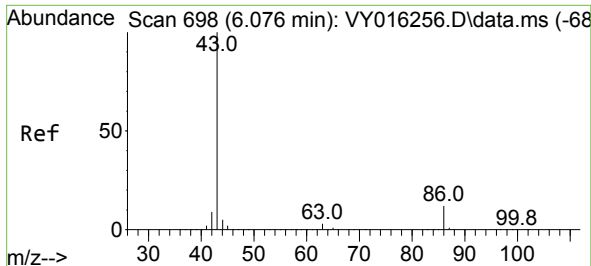
Tgt Ion: 96 Resp: 87089
Ion Ratio Lower Upper
96 100
61 128.7 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 51.901 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 45 Resp: 240086
Ion Ratio Lower Upper
45 100
43 53.8 52.2 78.4
87 30.7 21.0 31.6
59 12.9 8.9 13.3

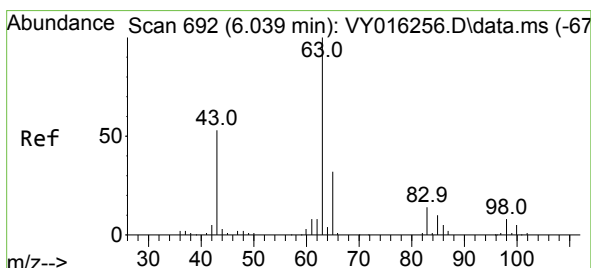
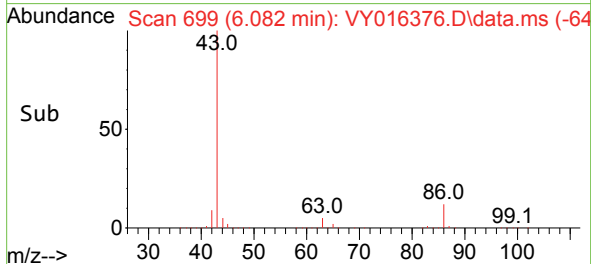
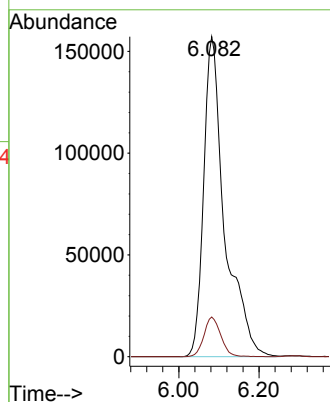
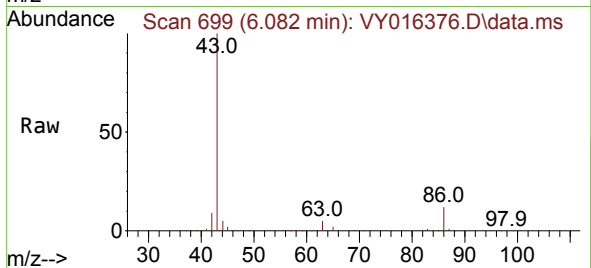




#23
 Vinyl Acetate
 Concen: 255.500 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

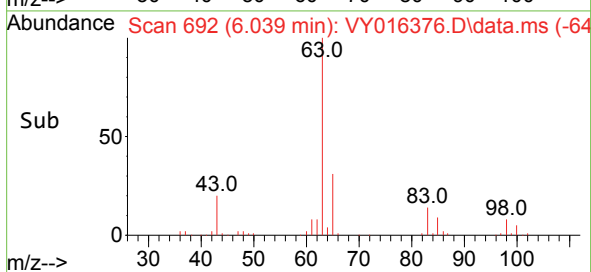
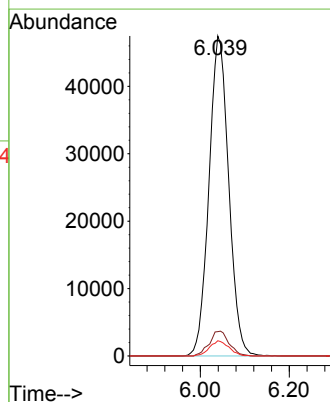
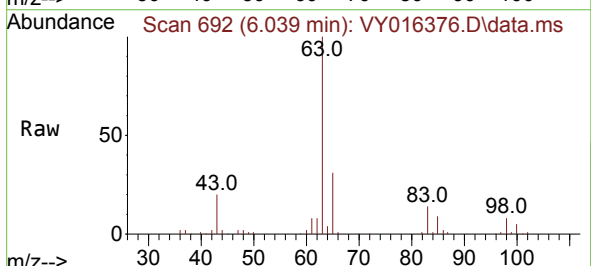
Instrument :
 MSVOA_Y
 ClientSampleId :

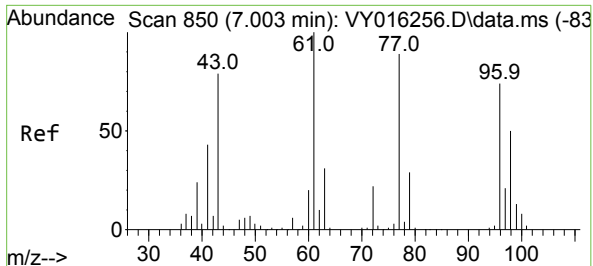
Tgt Ion: 43 Resp: 572689
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.288 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

Tgt Ion: 63 Resp: 146364
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.8 1.8 5.5

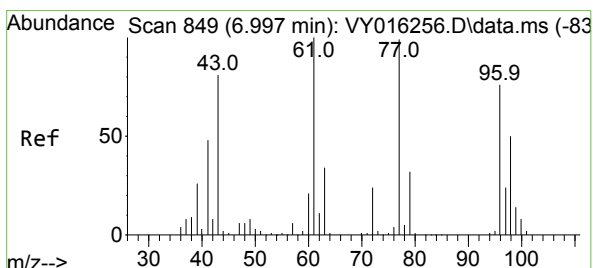
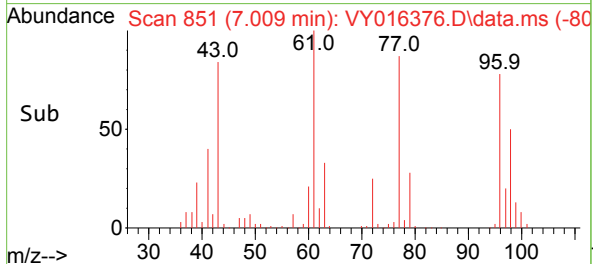
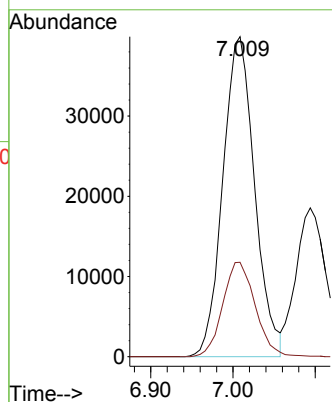
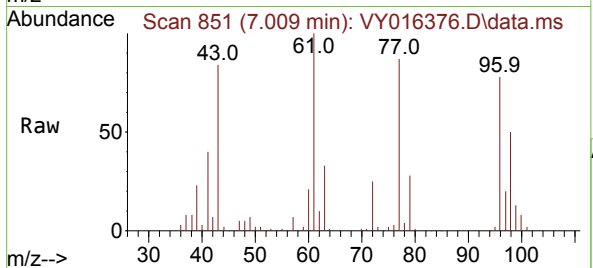




#25
2-Butanone
Concen: 270.709 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

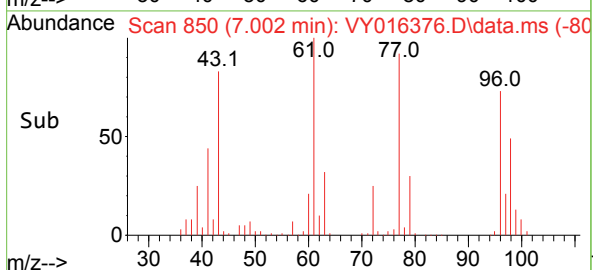
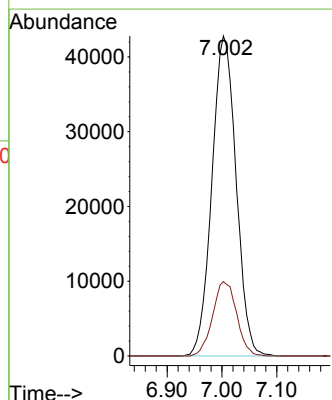
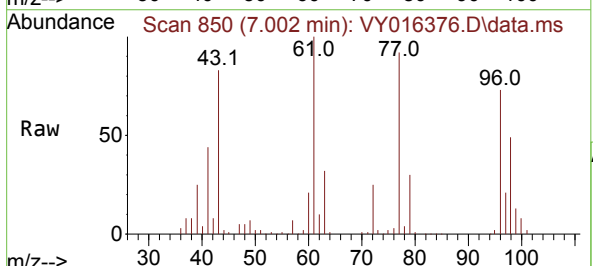
Instrument :
MSVOA_Y
ClientSampleId :

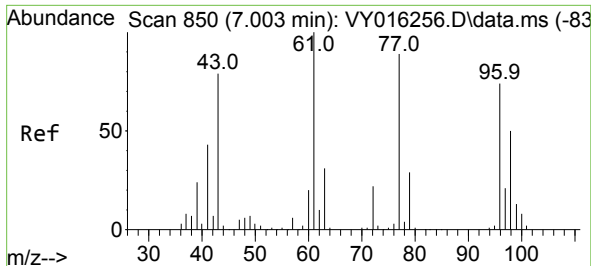
Tgt Ion: 43 Resp: 107297
Ion Ratio Lower Upper
43 100
72 29.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 50.515 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 77 Resp: 131203
Ion Ratio Lower Upper
77 100
97 23.0 10.9 32.9

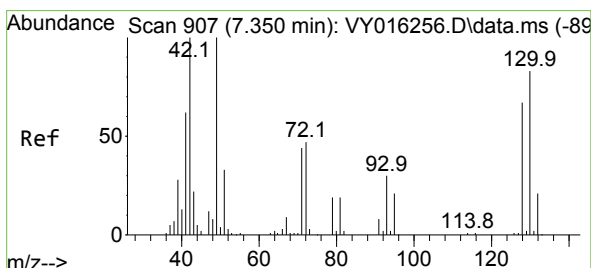
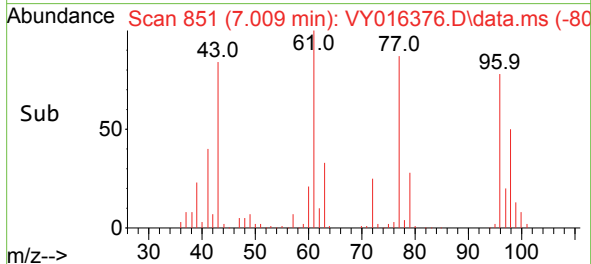
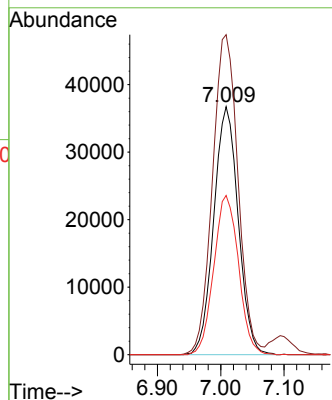
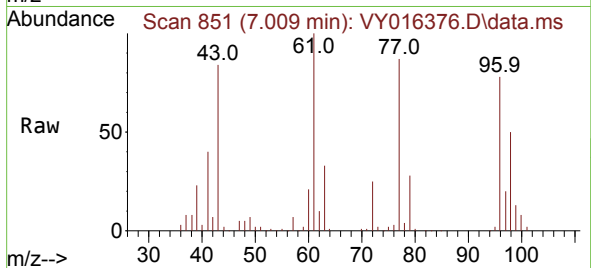




#27
 cis-1,2-Dichloroethene
 Concen: 52.526 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.006 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

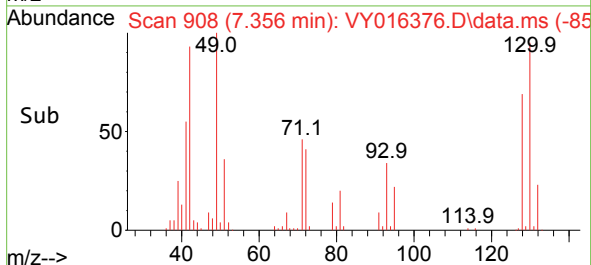
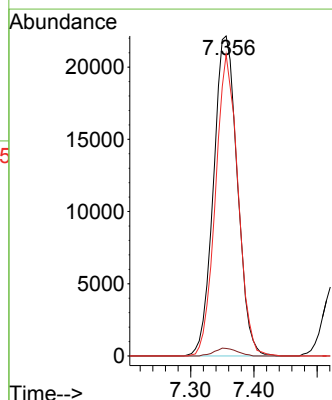
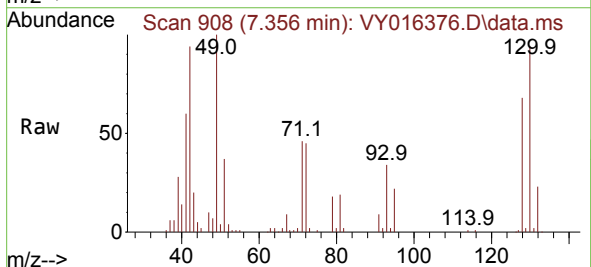
Instrument :
 MSVOA_Y
 ClientSampleId :

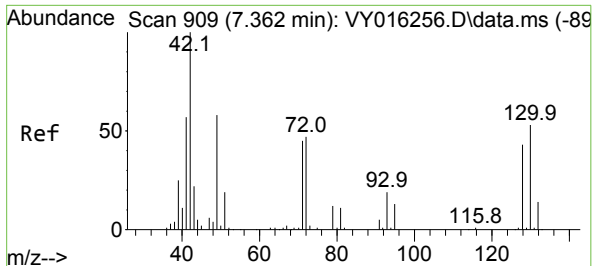
Tgt Ion: 96 Resp: 98583
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 54.879 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

Tgt Ion: 49 Resp: 57963
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 88.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 271.557 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

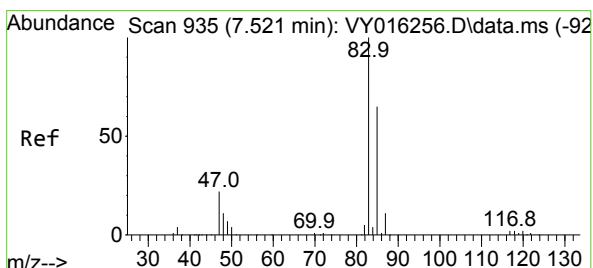
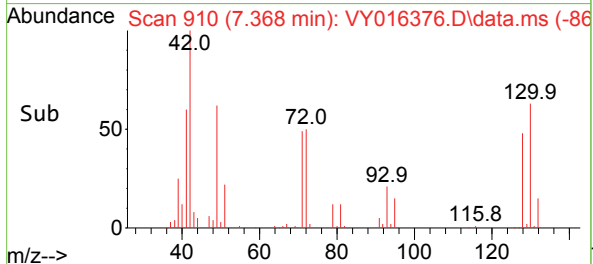
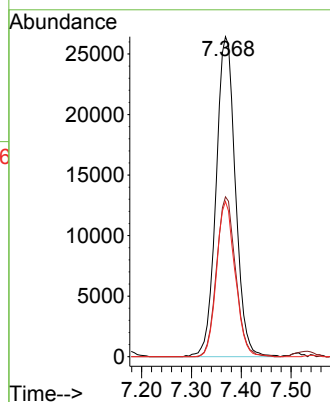
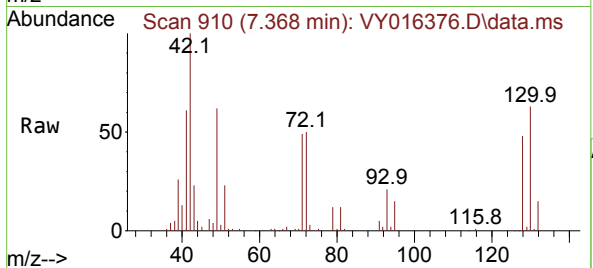
Tgt Ion: 42 Resp: 71142

Ion Ratio Lower Upper

42 100

72 49.2 32.8 49.2#

71 46.7 31.0 46.4#



#30

Chloroform

Concen: 52.737 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016376.D

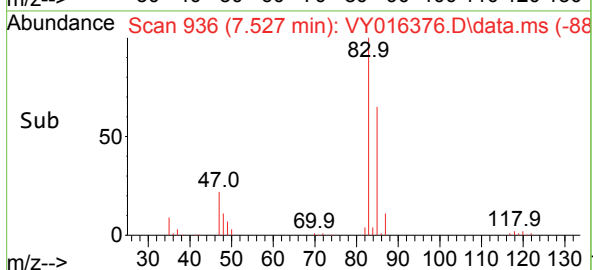
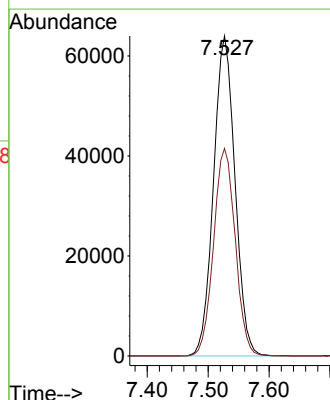
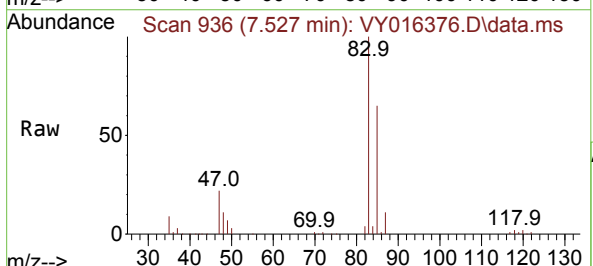
Acq: 15 Nov 2023 19:02

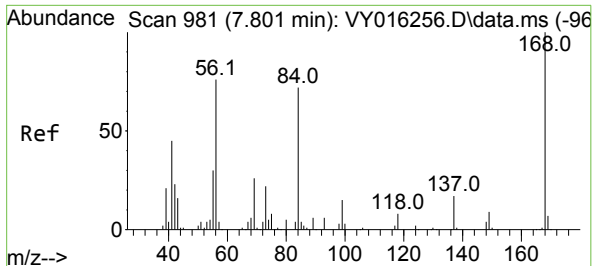
Tgt Ion: 83 Resp: 156655

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

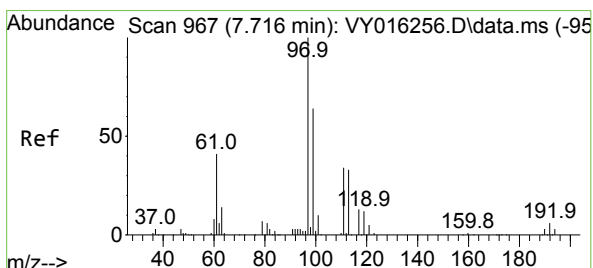
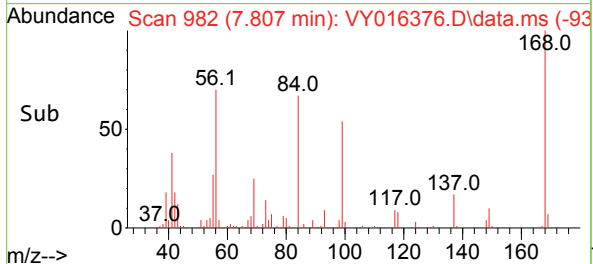
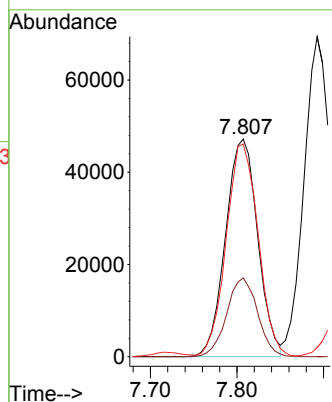
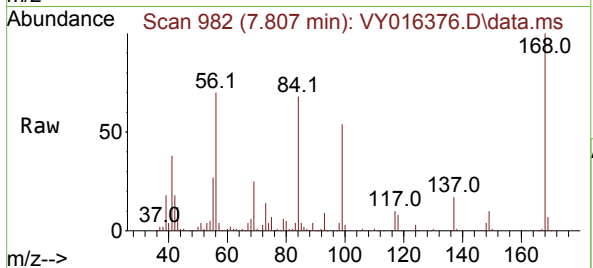




#31
Cyclohexane
Concen: 45.248 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

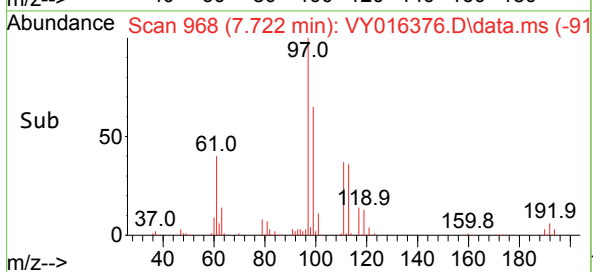
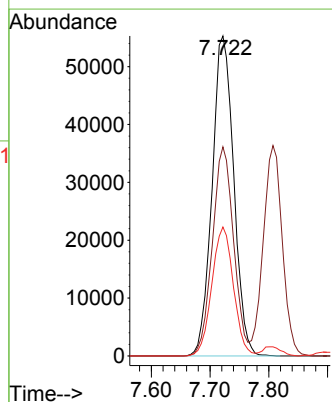
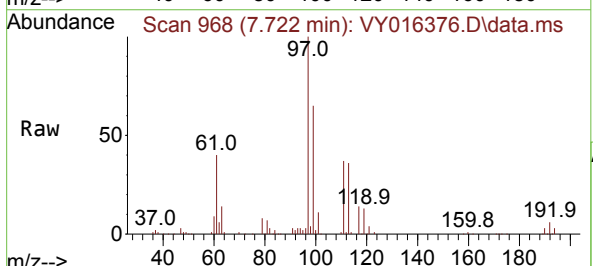
Instrument :
MSVOA_Y
ClientSampleId :

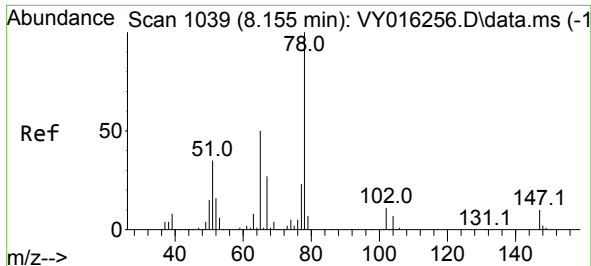
Tgt Ion: 56 Resp: 121872
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 96.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.909 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 97 Resp: 141344
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 40.2 35.1 52.7

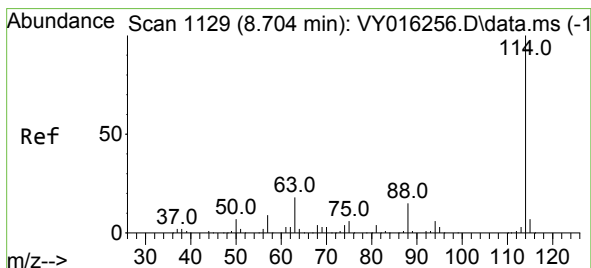
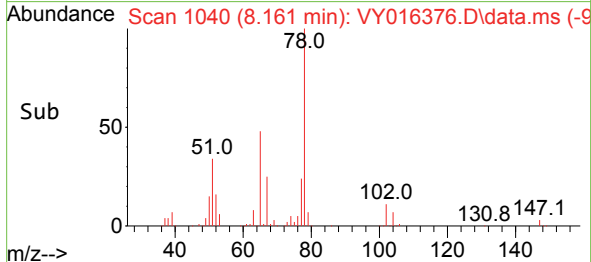
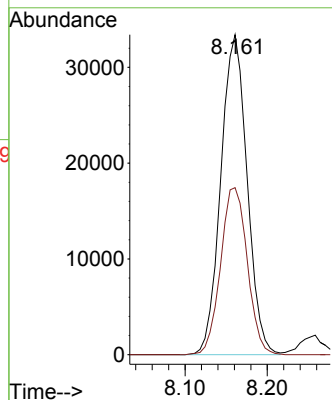
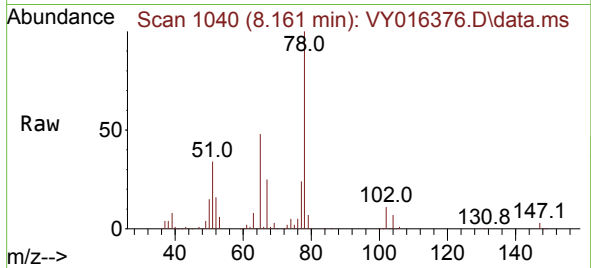




#33
1,2-Dichloroethane-d4
Concen: 54.305 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

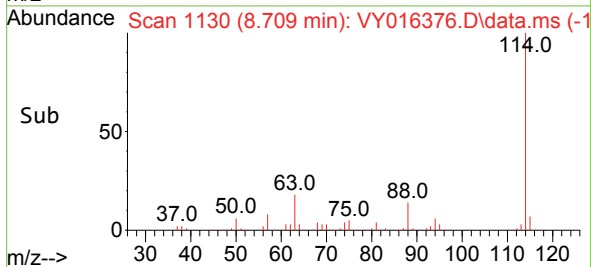
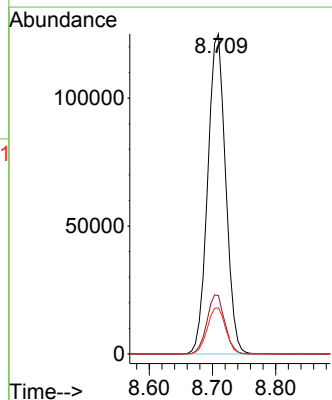
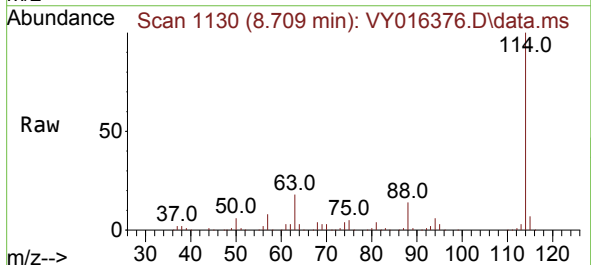
Instrument :
MSVOA_Y
ClientSampleId :

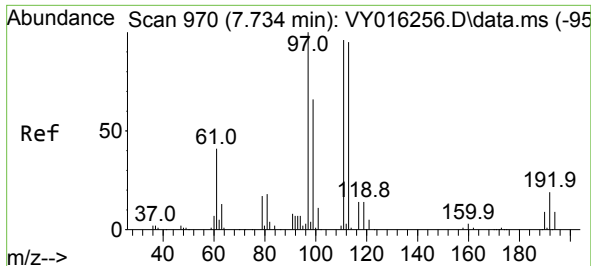
Tgt Ion: 65 Resp: 74291
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

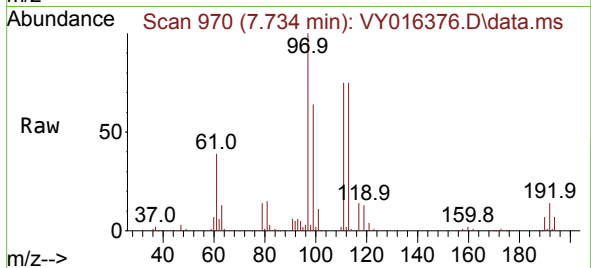
Tgt Ion: 114 Resp: 246204
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 14.4 0.0 30.6



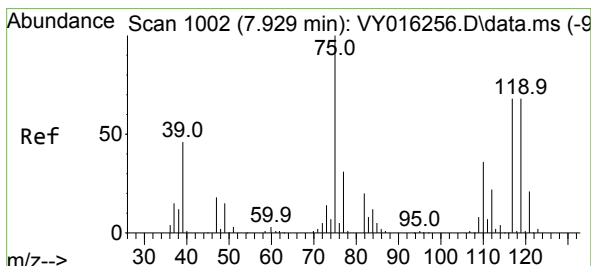
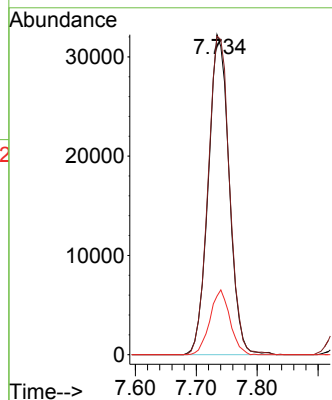
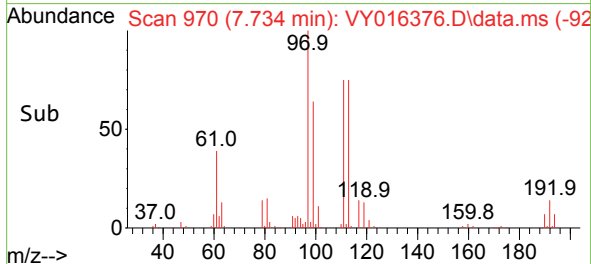


#35
Dibromofluoromethane
Concen: 54.960 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

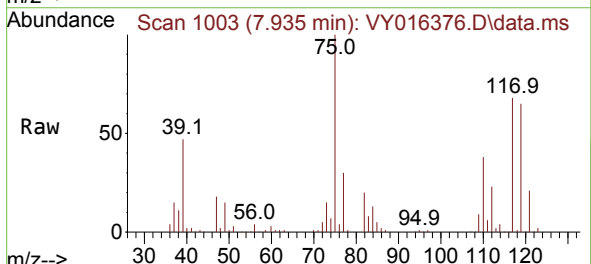
Instrument :
MSVOA_Y
ClientSampleId :



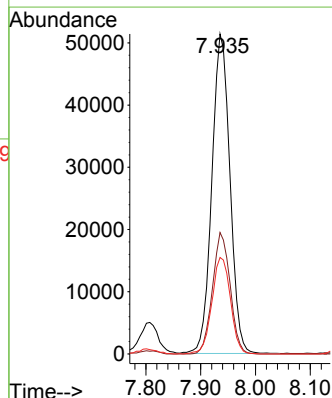
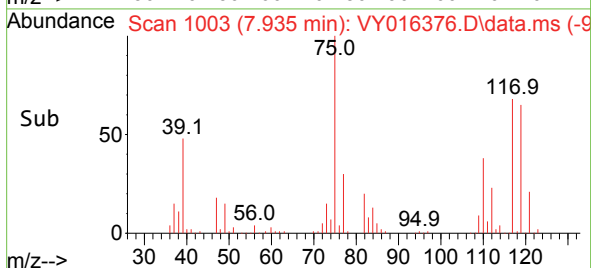
Tgt Ion:113 Resp: 76867
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.4 16.9 25.3

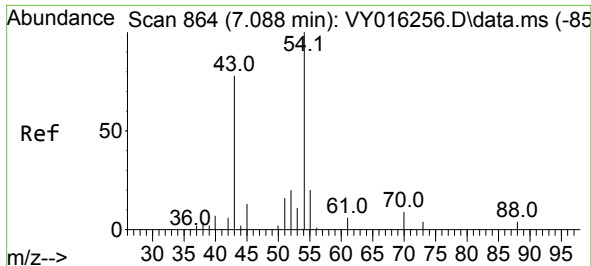


#36
1,1-Dichloropropene
Concen: 48.346 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02



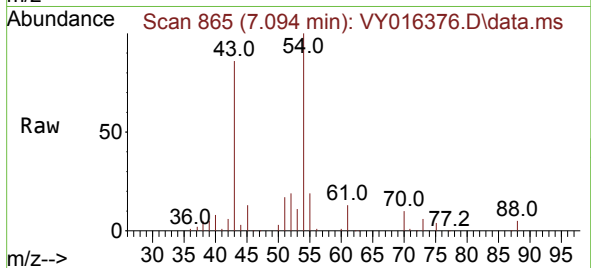
Tgt Ion: 75 Resp: 117410
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.1 24.4 36.6



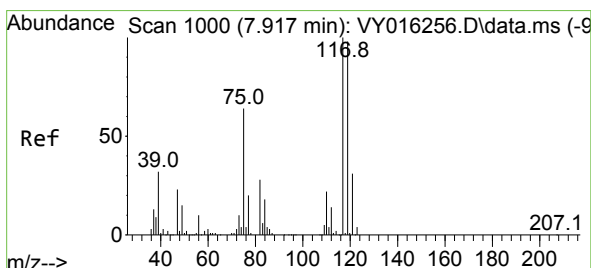
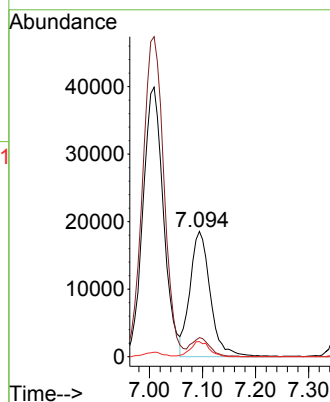
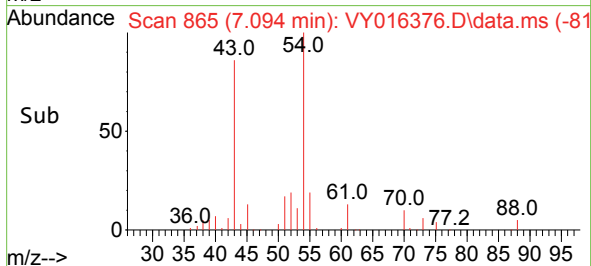


#37
Ethyl Acetate
Concen: 50.313 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

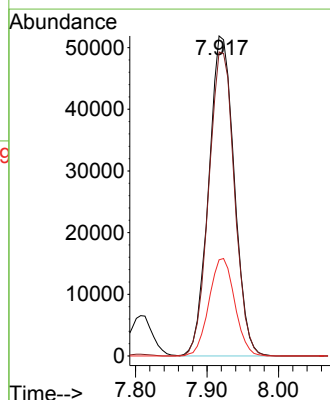
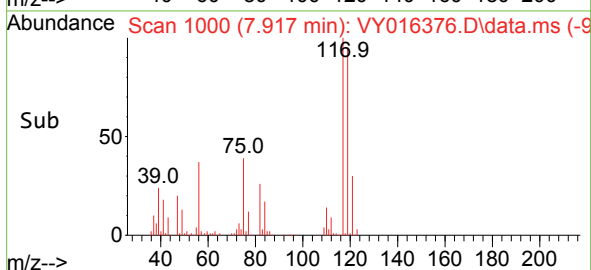
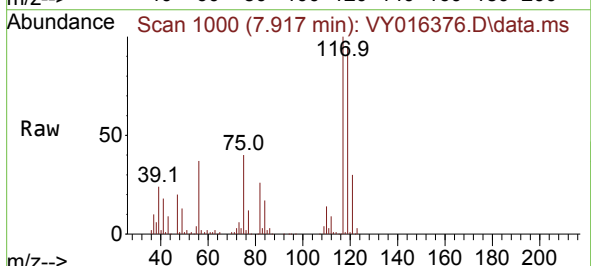


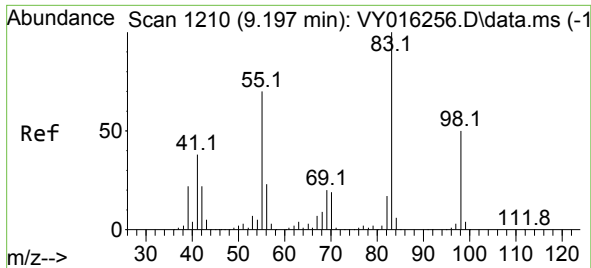
Tgt Ion: 43 Resp: 49369
Ion Ratio Lower Upper
43 100
61 13.9 10.1 15.1
70 11.2 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 51.071 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 117 Resp: 128723
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 47.840 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

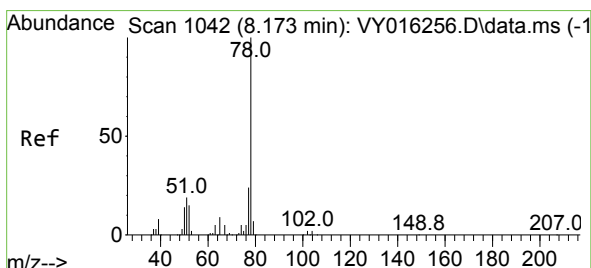
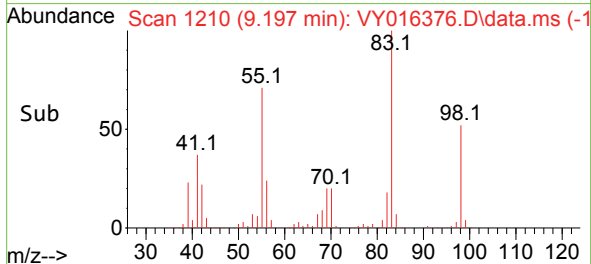
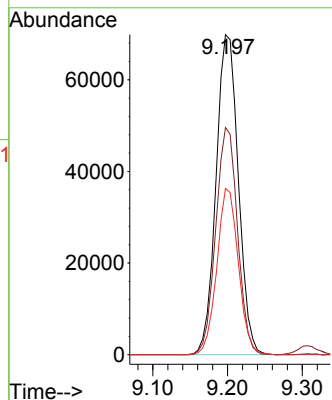
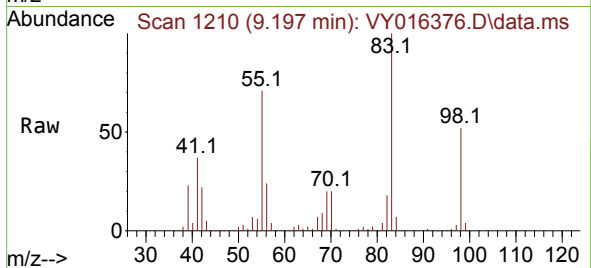
Tgt Ion: 83 Resp: 144769

Ion Ratio Lower Upper

83 100

55 71.0 63.0 94.4

98 52.0 37.4 56.2



#40

Benzene

Concen: 50.494 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016376.D

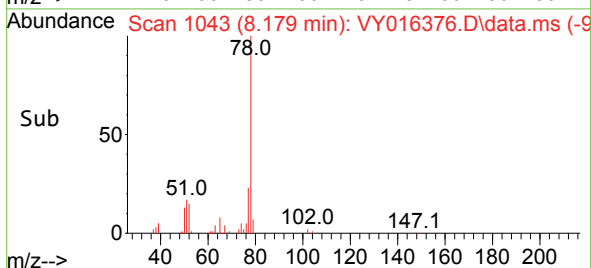
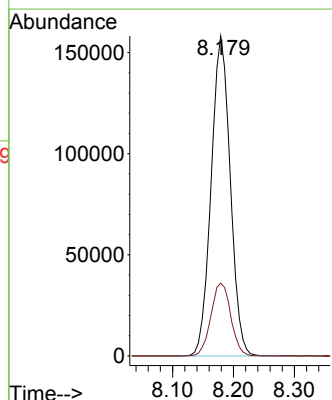
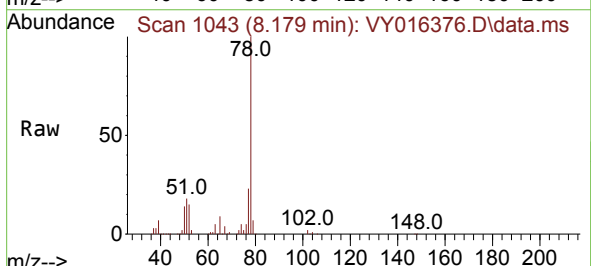
Acq: 15 Nov 2023 19:02

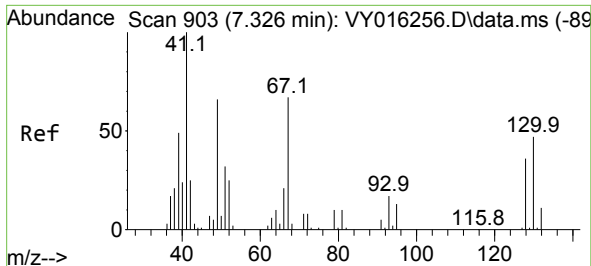
Tgt Ion: 78 Resp: 344526

Ion Ratio Lower Upper

78 100

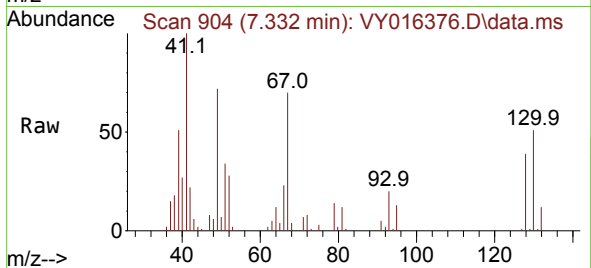
77 22.8 19.0 28.6



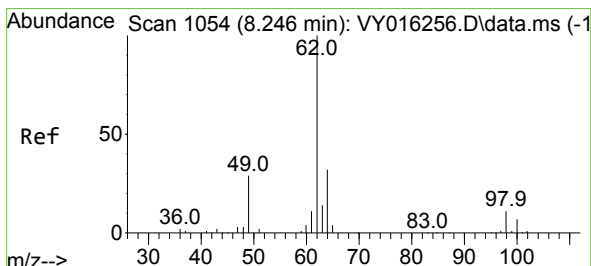
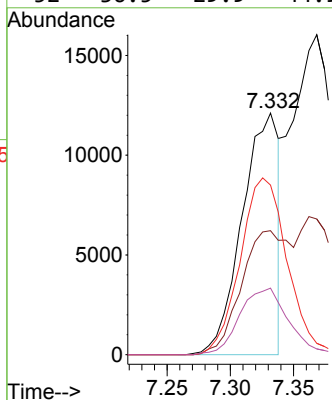
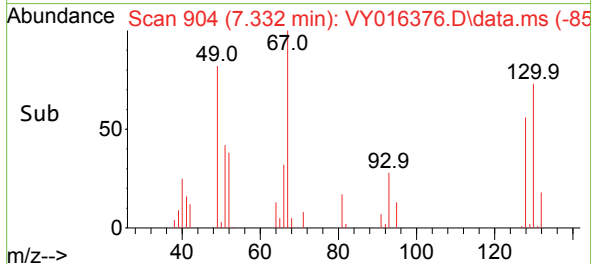


#41
Methacrylonitrile
Concen: 49.568 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

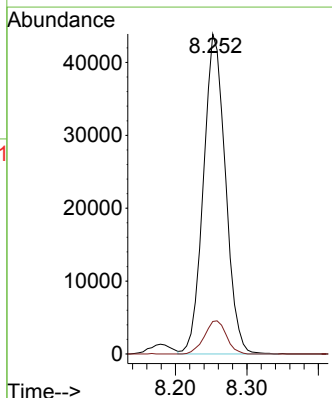
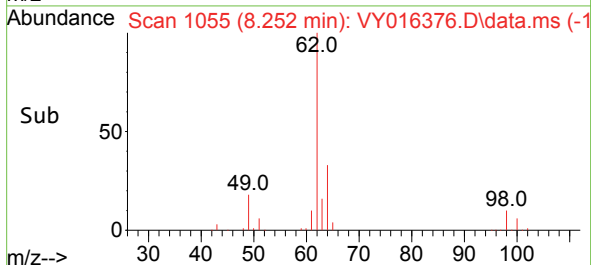
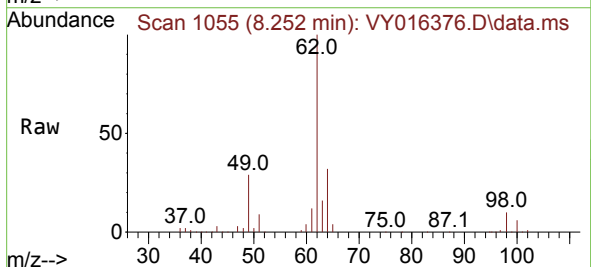


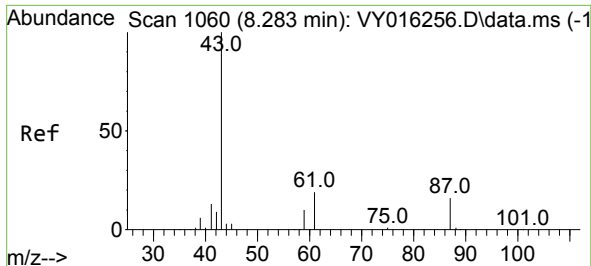
Tgt Ion:	41	Resp:	24524
Ion	Ratio	Lower	Upper
41	100		
39	69.4	52.1	78.1
67	93.8	66.2	99.2
52	36.5	29.9	44.9



#42
1,2-Dichloroethane
Concen: 53.162 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion:	62	Resp:	93984
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.900 ug/l

RT: 8.289 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

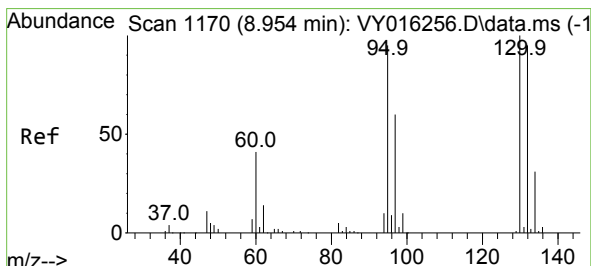
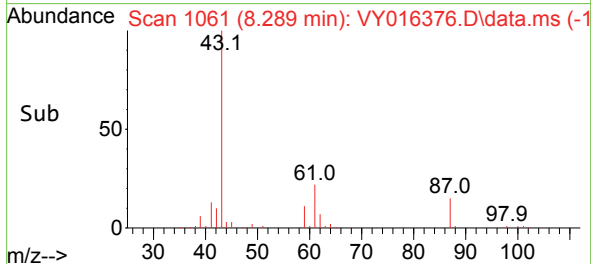
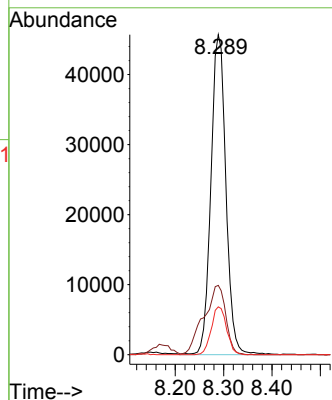
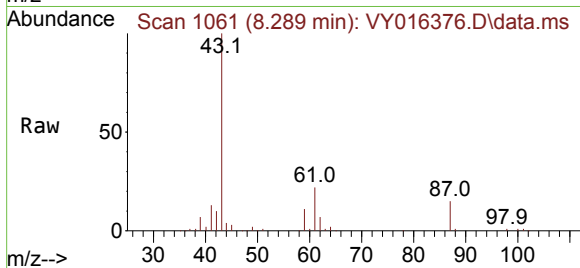
Tgt Ion: 43 Resp: 98441

Ion Ratio Lower Upper

43 100

61 31.7 21.1 31.7#

87 15.2 9.8 14.8#



#44

Trichloroethene

Concen: 50.566 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016376.D

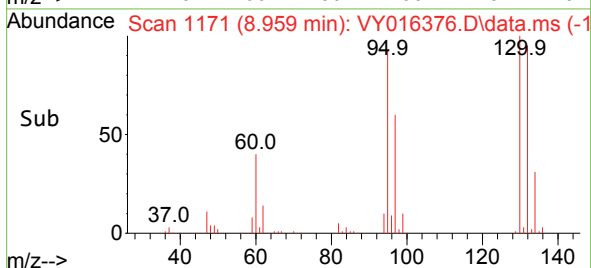
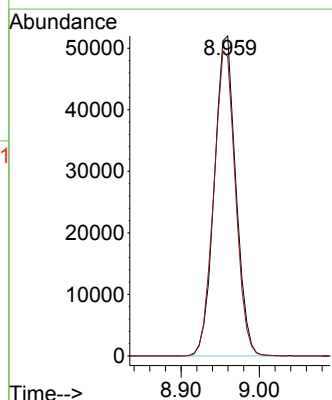
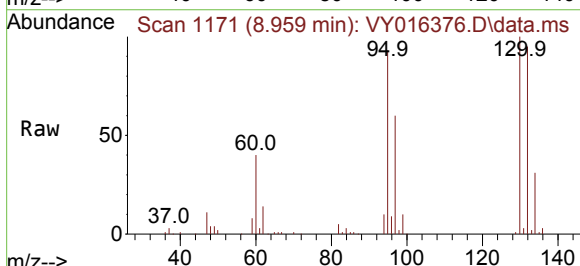
Acq: 15 Nov 2023 19:02

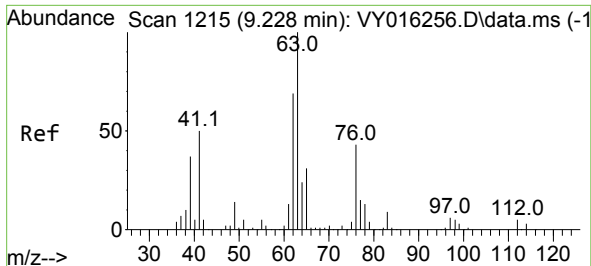
Tgt Ion:130 Resp: 99157

Ion Ratio Lower Upper

130 100

95 93.4 0.0 196.0

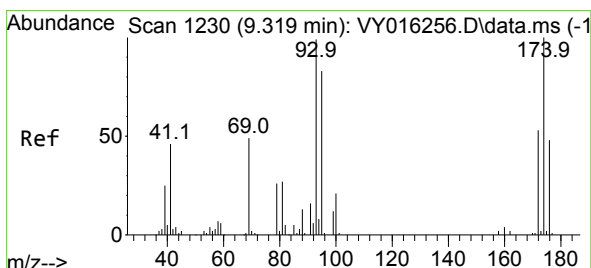
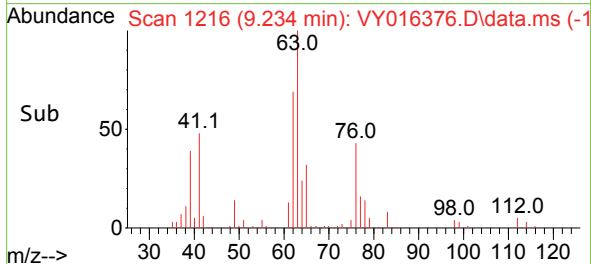
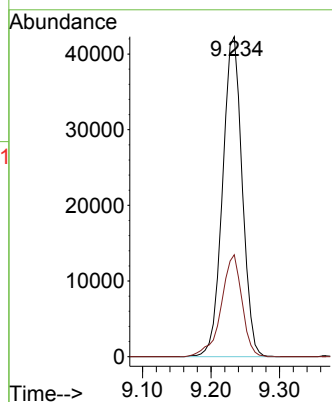
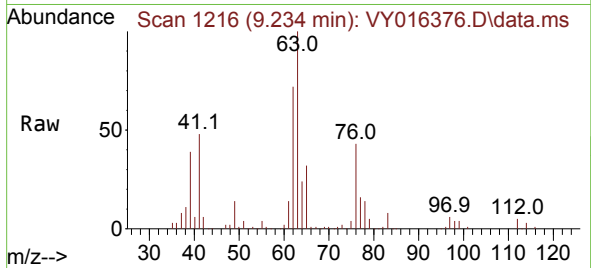




#45
1,2-Dichloropropane
Concen: 51.204 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

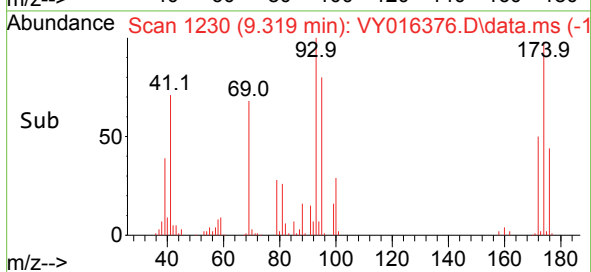
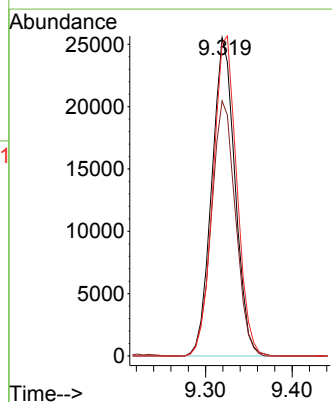
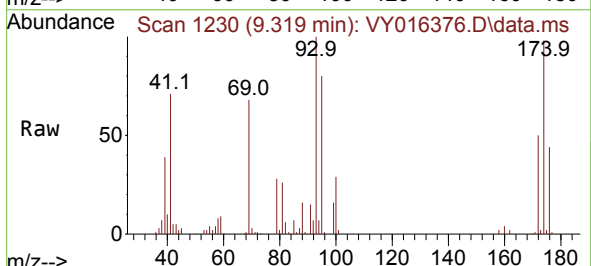
Instrument :
MSVOA_Y
ClientSampleId :

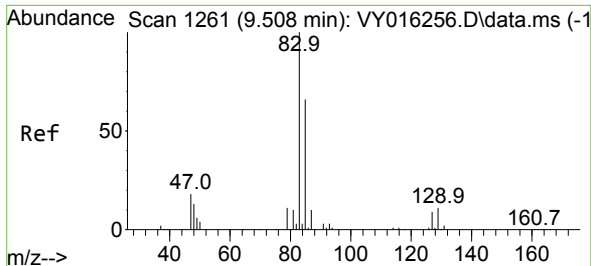
Tgt Ion: 63 Resp: 83904
Ion Ratio Lower Upper
63 100
65 31.8 23.8 35.6



#46
Dibromomethane
Concen: 53.475 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

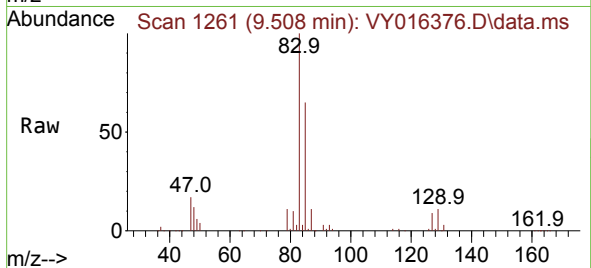
Tgt Ion: 93 Resp: 47484
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 102.7 84.8 127.2



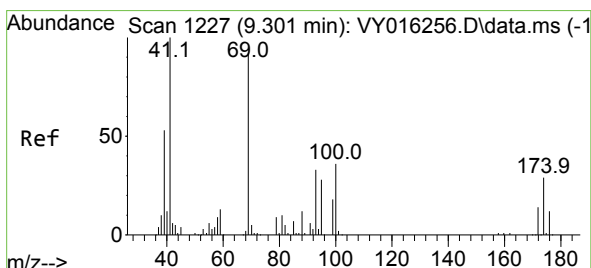
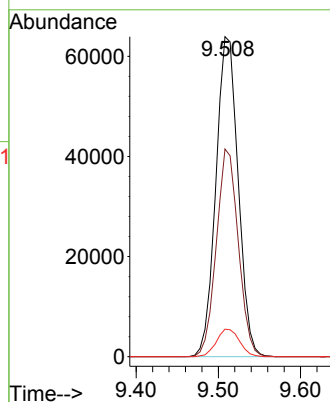
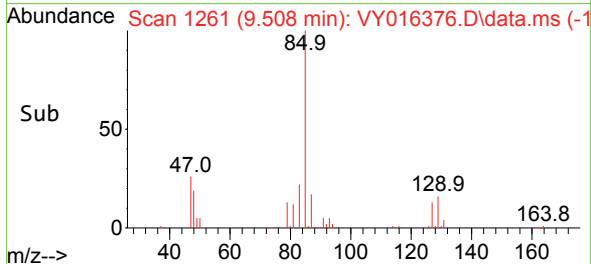


#47
Bromodichloromethane
Concen: 52.715 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

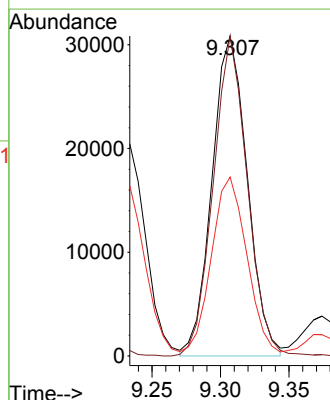
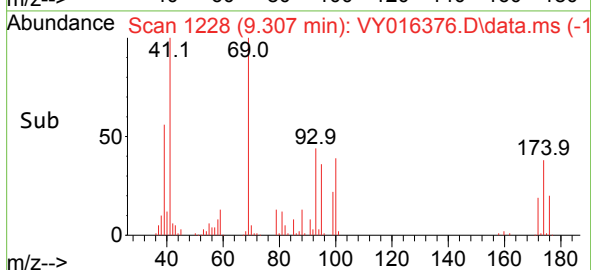
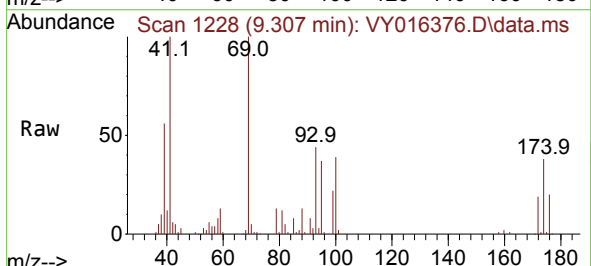


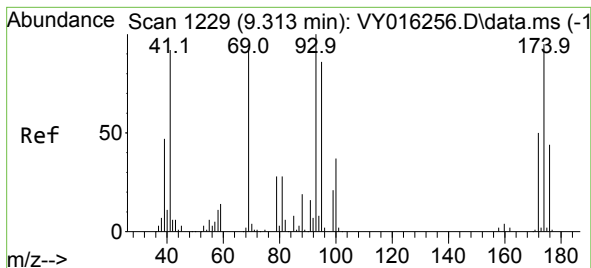
Tgt Ion: 83 Resp: 120342
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 52.800 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 41 Resp: 55348
Ion Ratio Lower Upper
41 100
69 96.2 64.5 96.7
39 54.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1135.980 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

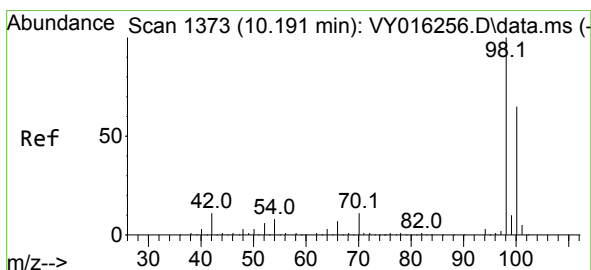
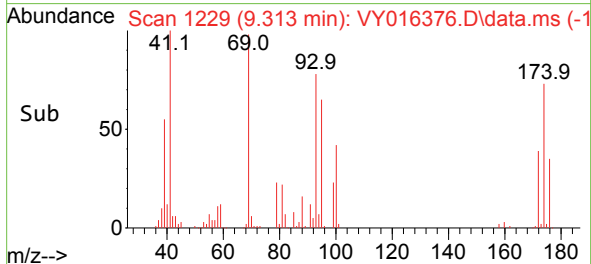
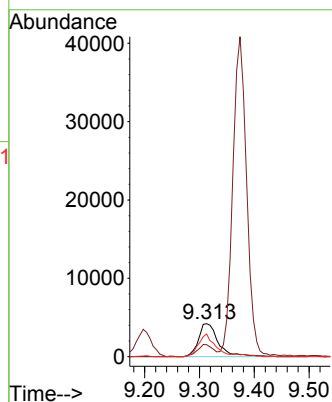
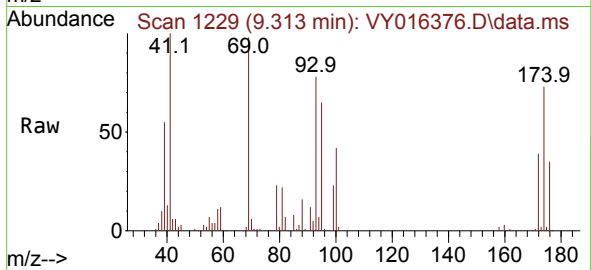
Tgt Ion: 88 Resp: 10709

Ion Ratio Lower Upper

88 100

43 29.1 0.0 0.0#

58 62.8 30.9 46.3#



#50

Toluene-d8

Concen: 51.921 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016376.D

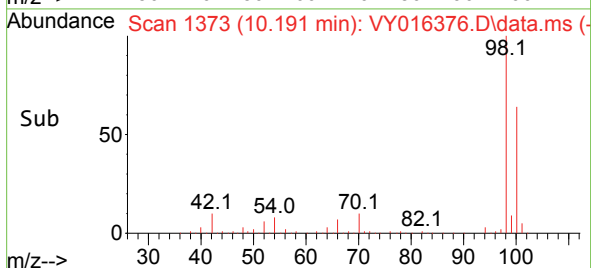
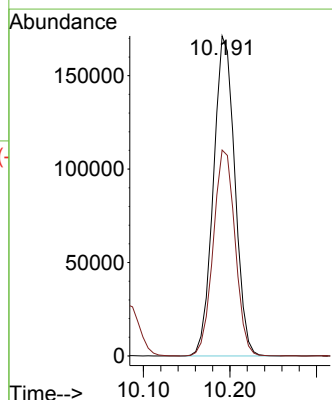
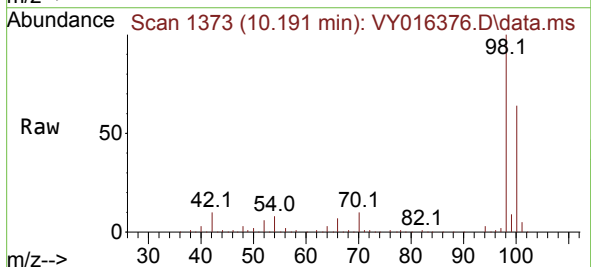
Acq: 15 Nov 2023 19:02

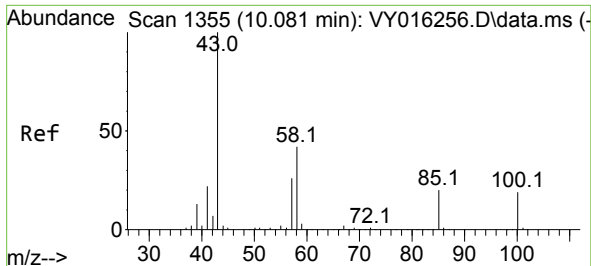
Tgt Ion: 98 Resp: 294472

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 266.345 ug/l

RT: 10.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

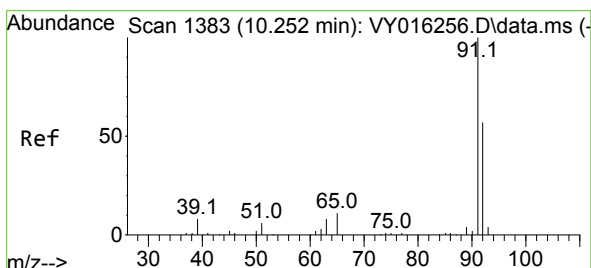
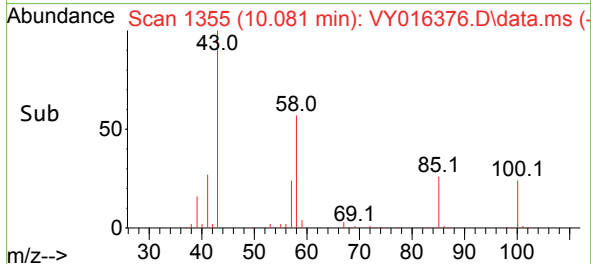
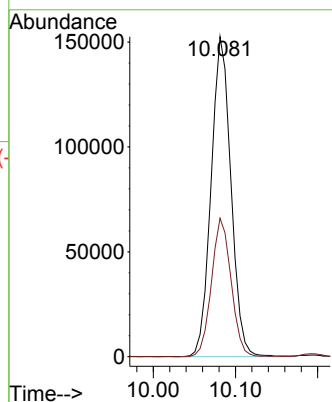
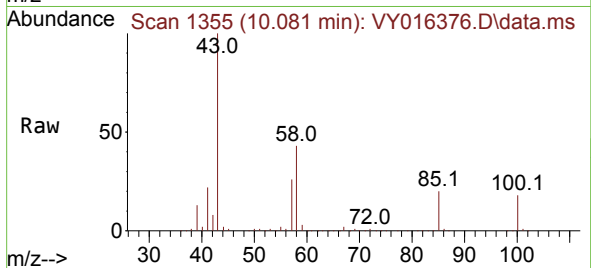
ClientSampleId :

Tgt Ion: 43 Resp: 255460

Ion Ratio Lower Upper

43 100

58 42.8 29.0 43.6



#52

Toluene

Concen: 51.134 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016376.D

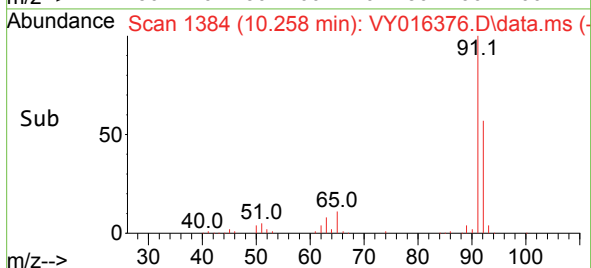
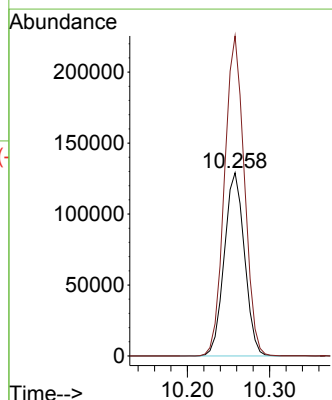
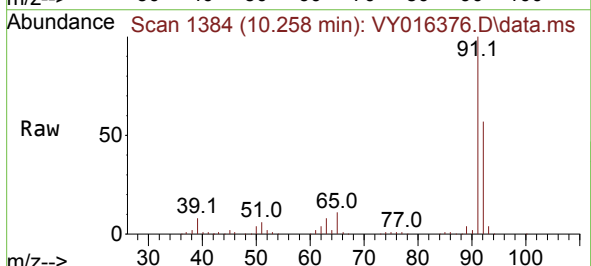
Acq: 15 Nov 2023 19:02

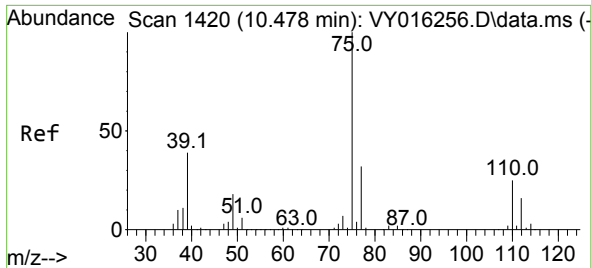
Tgt Ion: 92 Resp: 220542

Ion Ratio Lower Upper

92 100

91 172.2 143.8 215.6

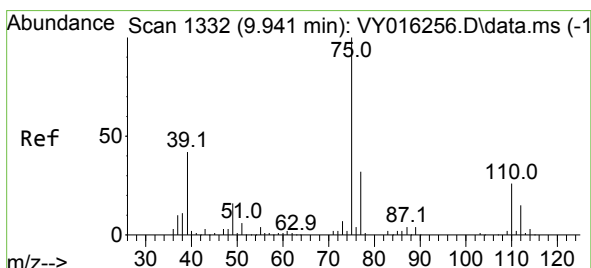
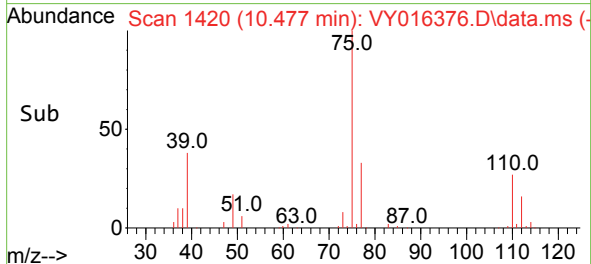
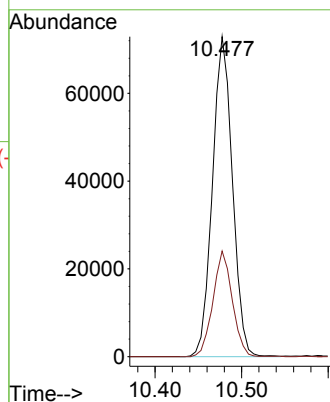
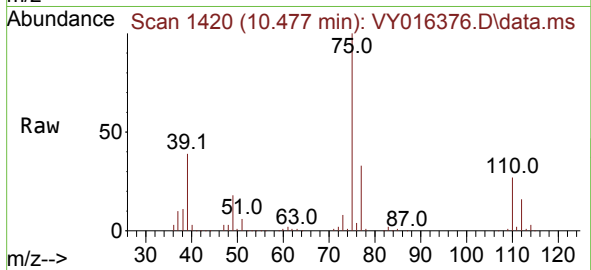




#53
 t-1,3-Dichloropropene
 Concen: 52.787 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

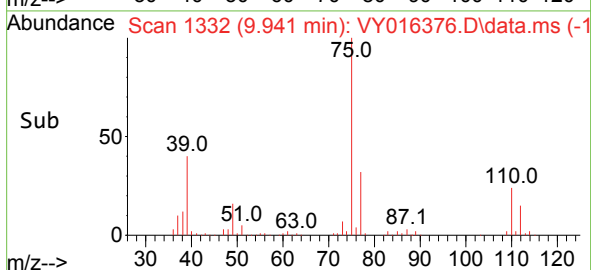
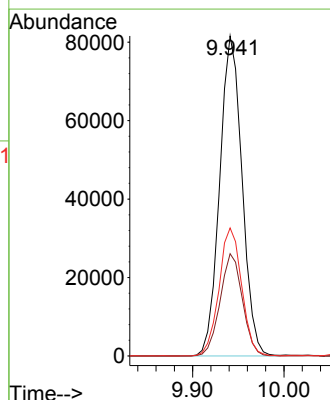
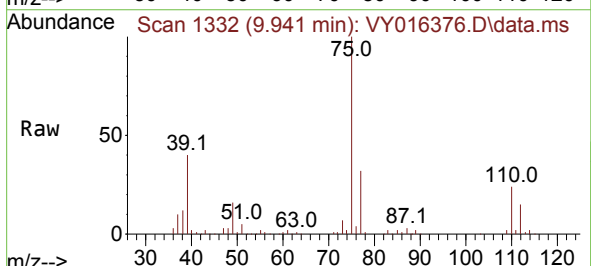
Instrument :
 MSVOA_Y
 ClientSampleId :

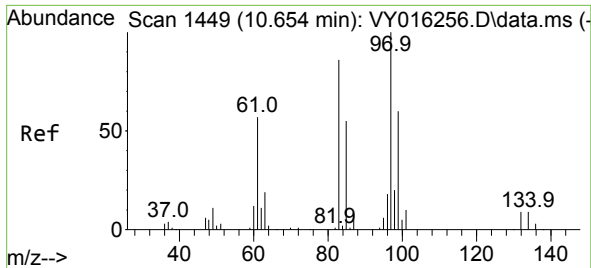
Tgt Ion: 75 Resp: 116822
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.570 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

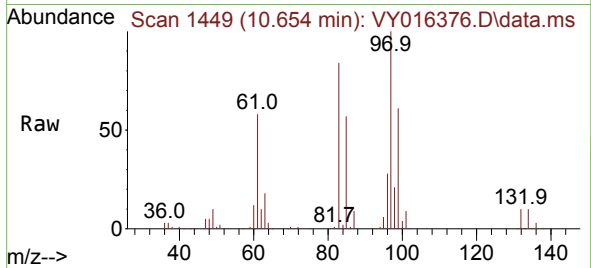
Tgt Ion: 75 Resp: 138957
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 40.0 42.2 63.4#



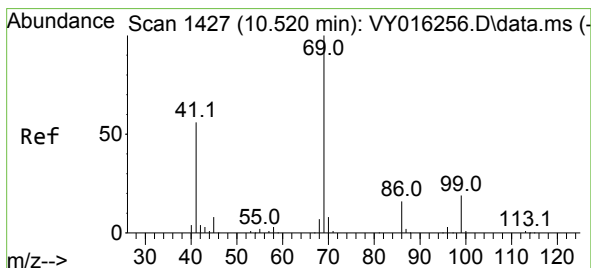
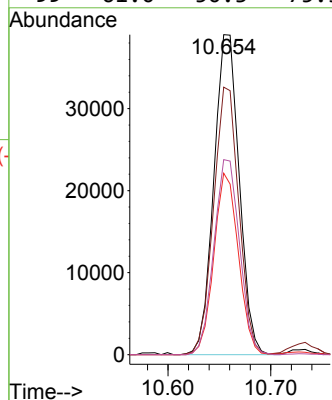
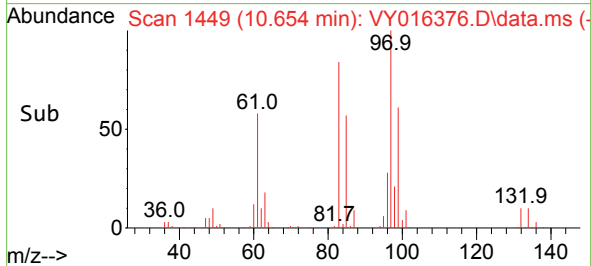


#55
1,1,2-Trichloroethane
Concen: 54.631 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

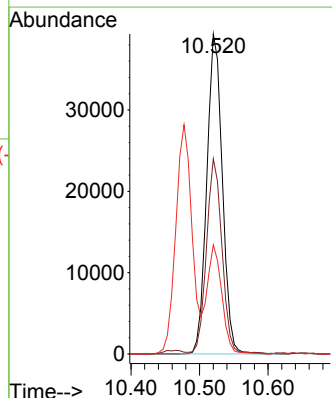
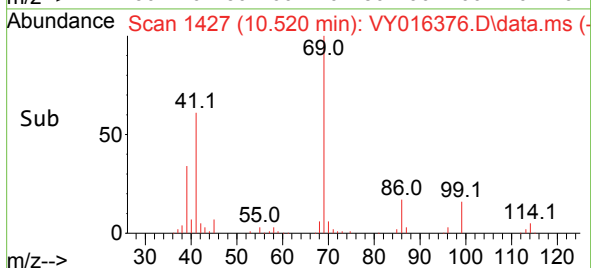
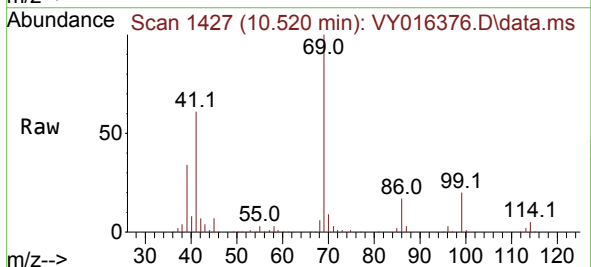


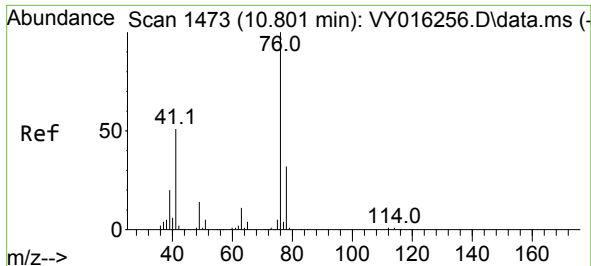
Tgt Ion:	97	Resp:	66862
Ion	Ratio	Lower	Upper
97	100		
83	83.6	72.0	108.0
85	56.7	45.4	68.0
99	61.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.975 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion:	69	Resp:	62359
Ion	Ratio	Lower	Upper
69	100		
41	60.8	57.6	86.4
39	32.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 53.471 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

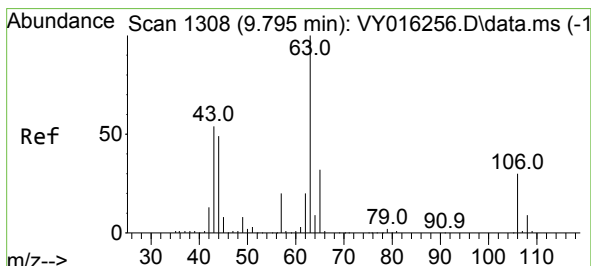
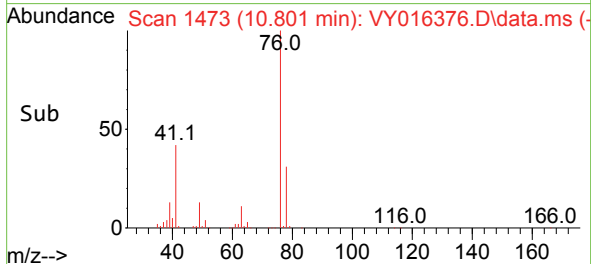
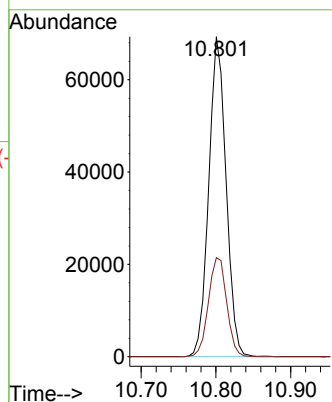
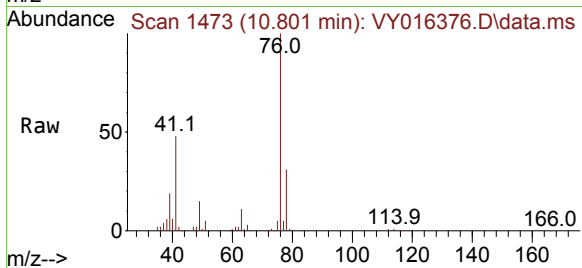
ClientSampleId :

Tgt Ion: 76 Resp: 111552

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 279.685 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016376.D

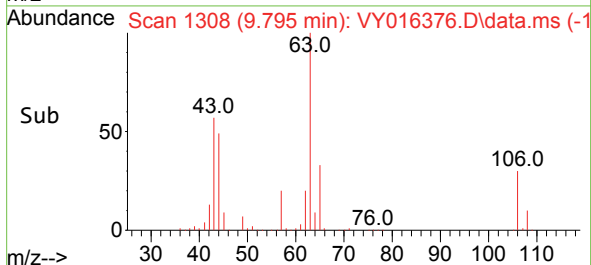
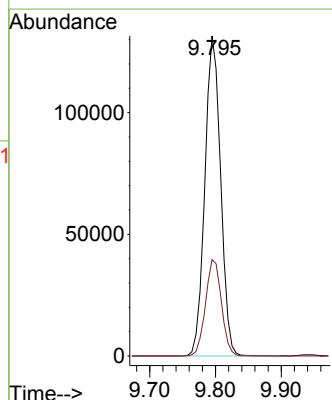
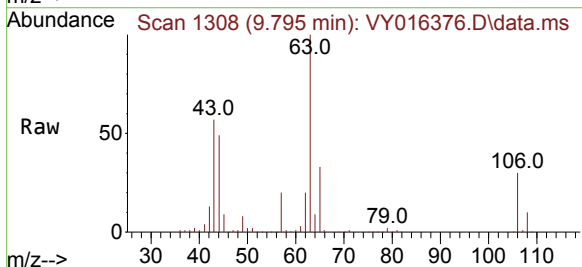
Acq: 15 Nov 2023 19:02

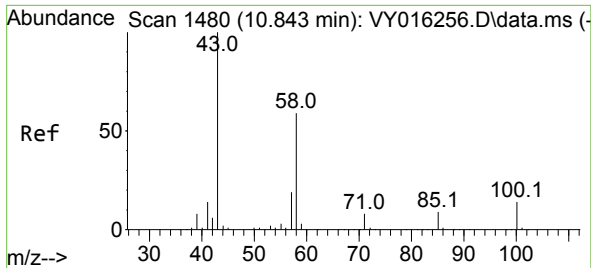
Tgt Ion: 63 Resp: 219101

Ion Ratio Lower Upper

63 100

106 30.5 21.2 31.8

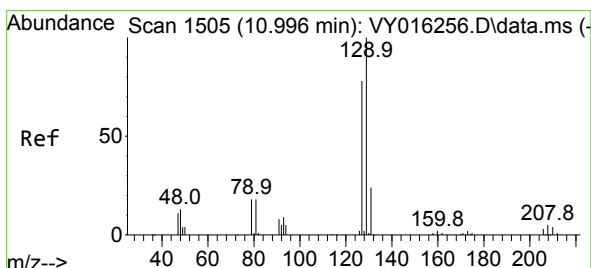
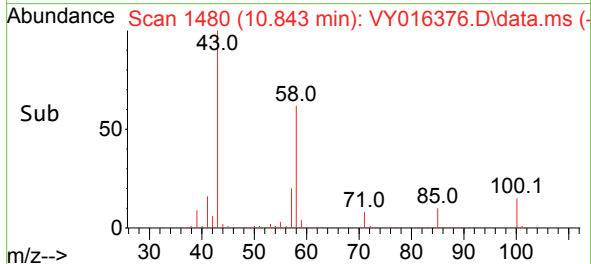
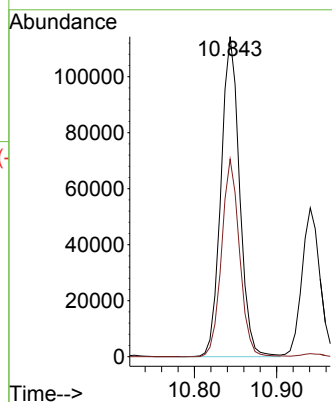
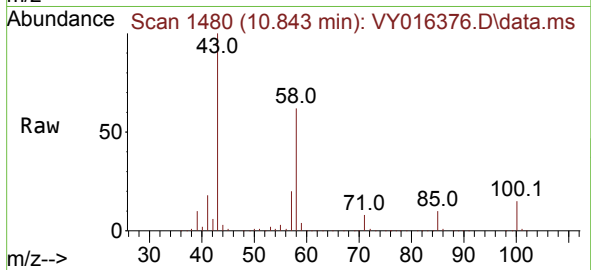




#59
2-Hexanone
Concen: 251.053 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

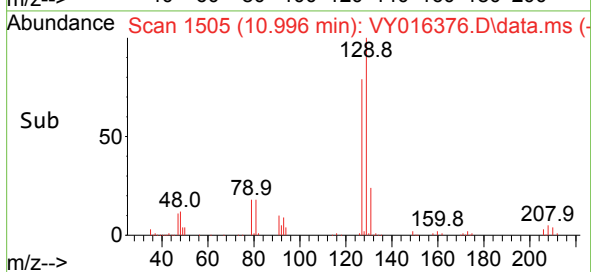
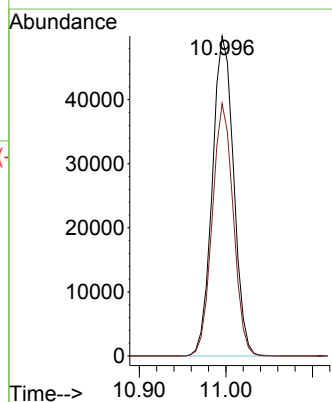
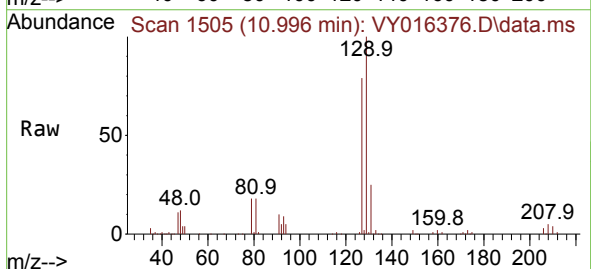
Instrument :
MSVOA_Y
ClientSampleId :

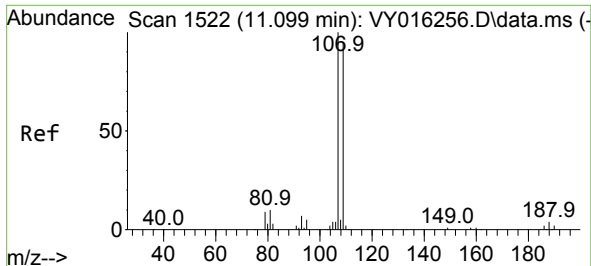
Tgt Ion: 43 Resp: 179108
Ion Ratio Lower Upper
43 100
58 59.8 25.1 75.3



#60
Dibromochloromethane
Concen: 55.816 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 129 Resp: 85436
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

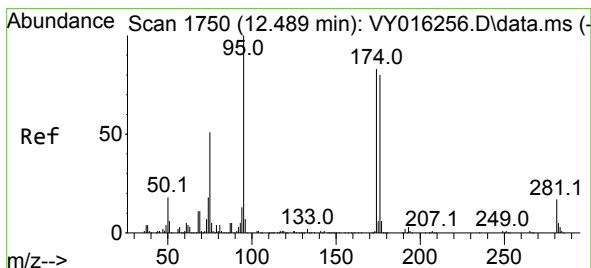
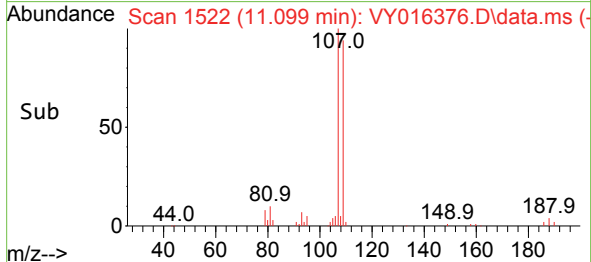
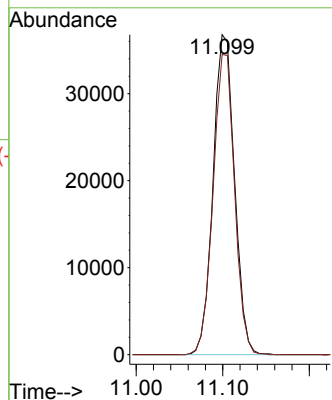
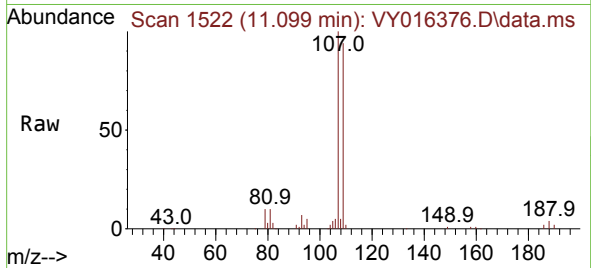




#61
1,2-Dibromoethane
Concen: 54.272 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

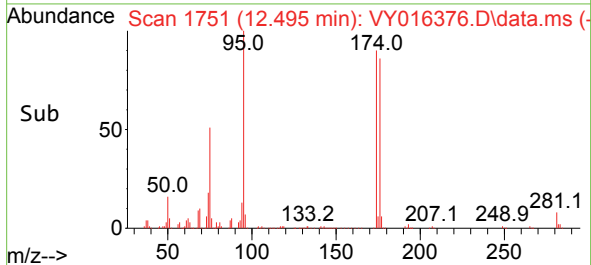
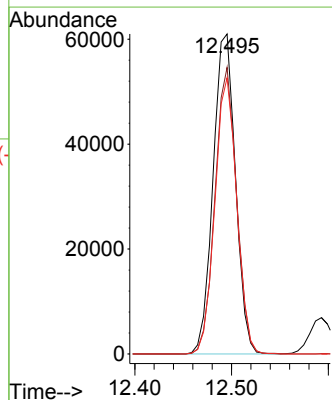
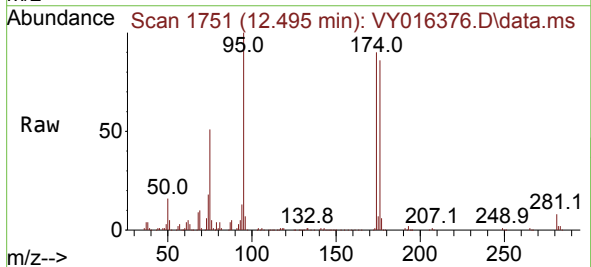
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 63282
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.156 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 95 Resp: 97916
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 84.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

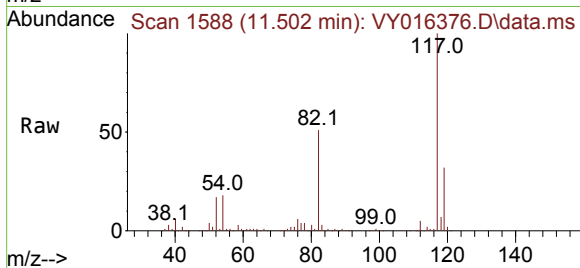
Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :



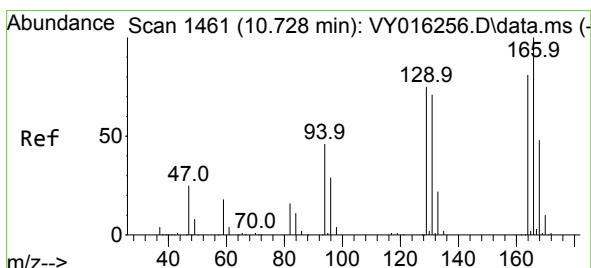
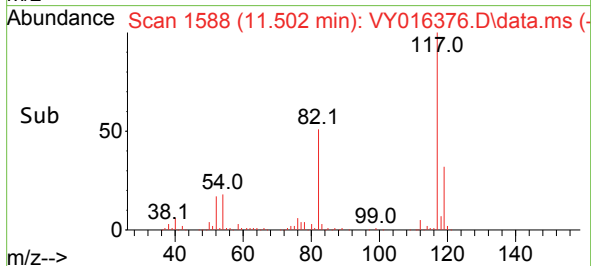
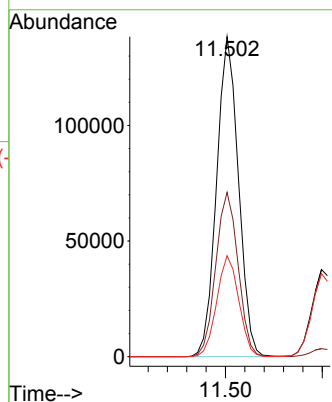
Tgt Ion:117 Resp: 216914

Ion Ratio Lower Upper

117 100

82 51.4 43.4 65.0

119 31.6 26.3 39.5



#64

Tetrachloroethene

Concen: 52.943 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Tgt Ion:164 Resp: 103115

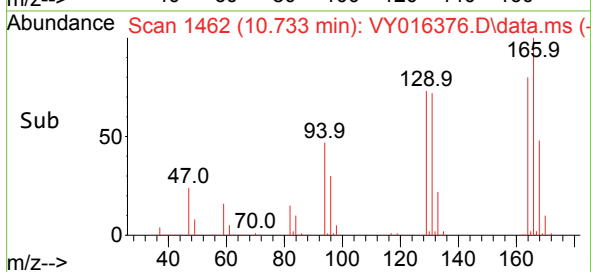
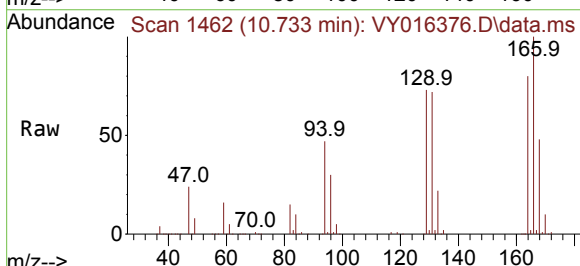
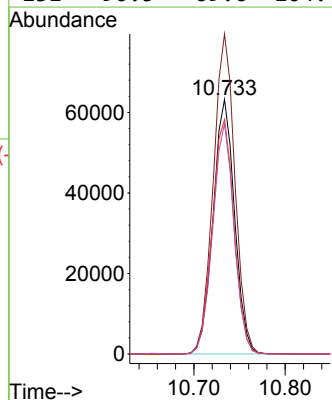
Ion Ratio Lower Upper

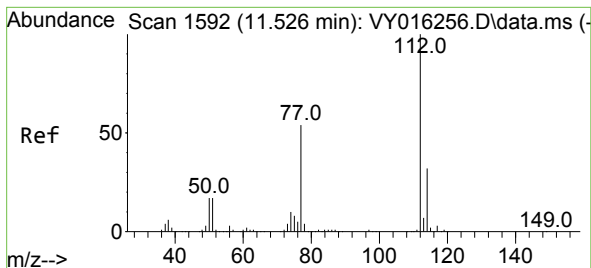
164 100

166 125.7 103.0 154.6

129 92.1 77.2 115.8

131 90.5 69.6 104.4





#65

Chlorobenzene

Concen: 50.703 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

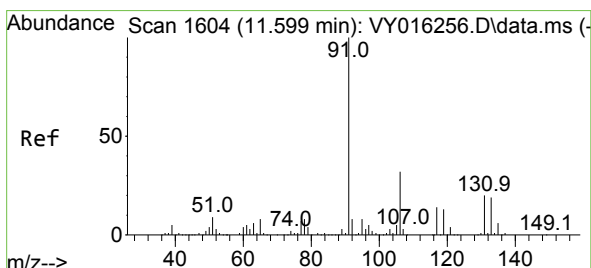
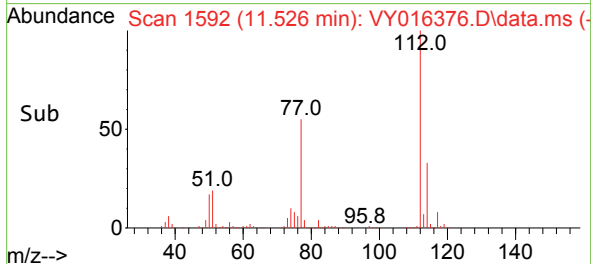
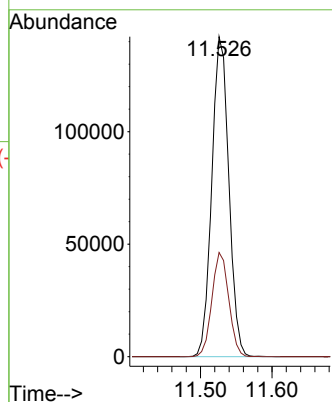
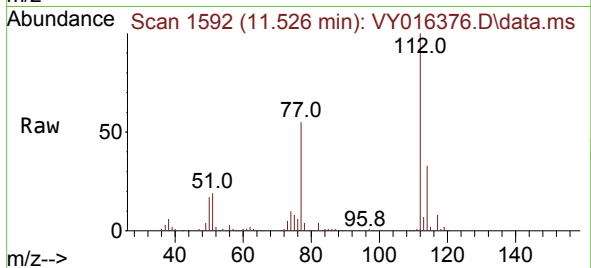
ClientSampleId :

Tgt Ion:112 Resp: 234978

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.213 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

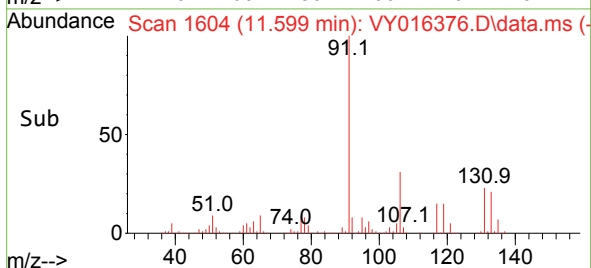
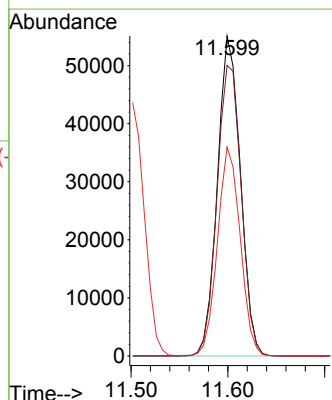
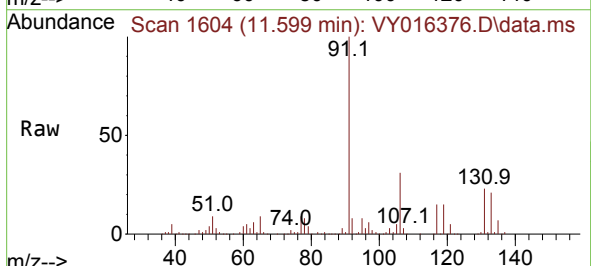
Tgt Ion:131 Resp: 90959

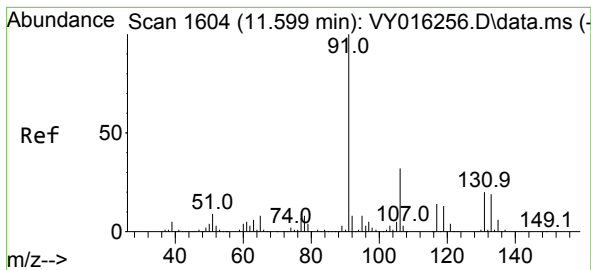
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 50.798 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

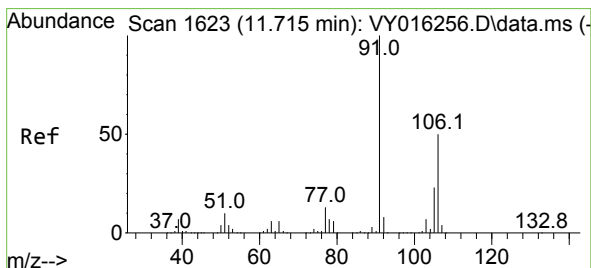
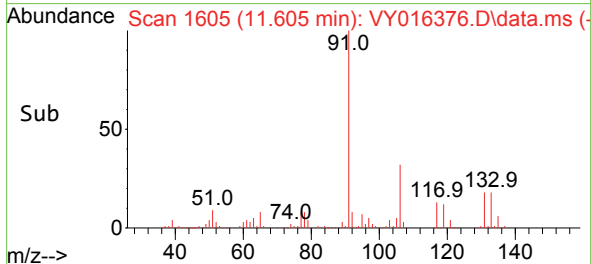
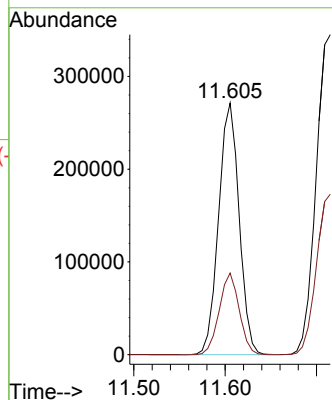
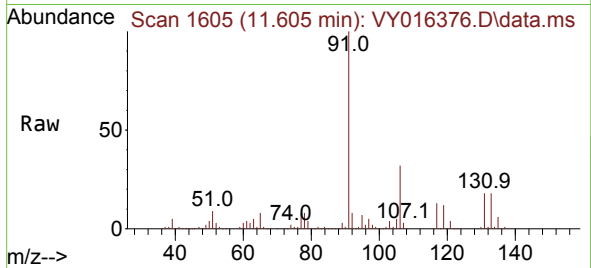
ClientSampleId :

Tgt Ion: 91 Resp: 423084

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 102.668 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016376.D

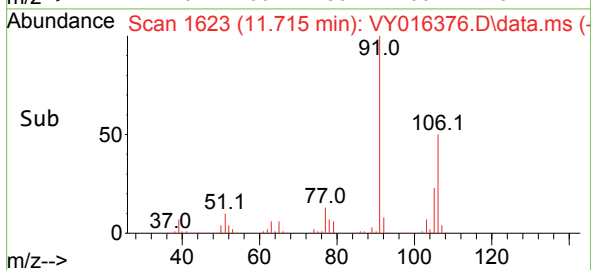
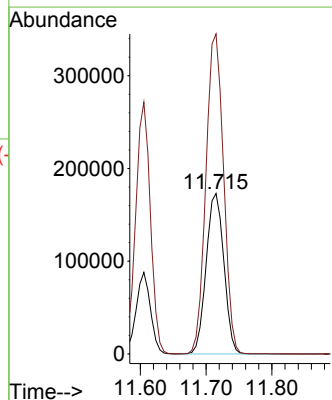
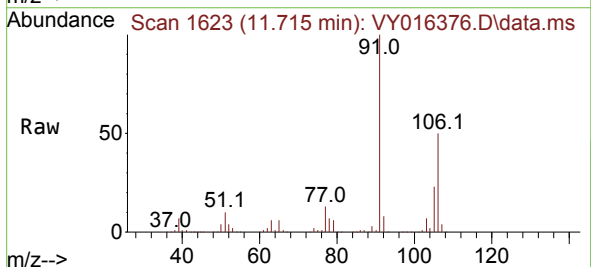
Acq: 15 Nov 2023 19:02

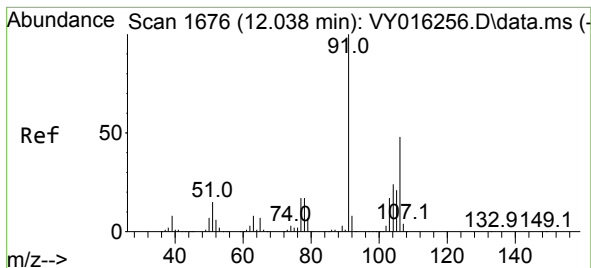
Tgt Ion:106 Resp: 324334

Ion Ratio Lower Upper

106 100

91 198.2 166.1 249.1





#69

o-Xylene

Concen: 52.124 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

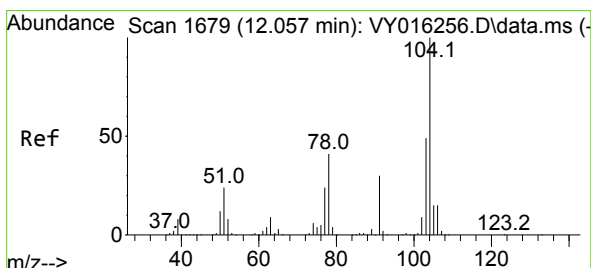
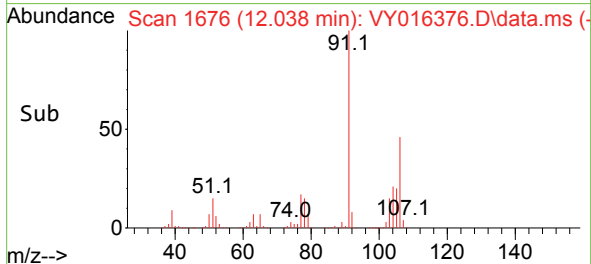
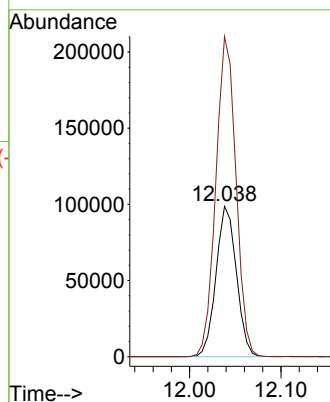
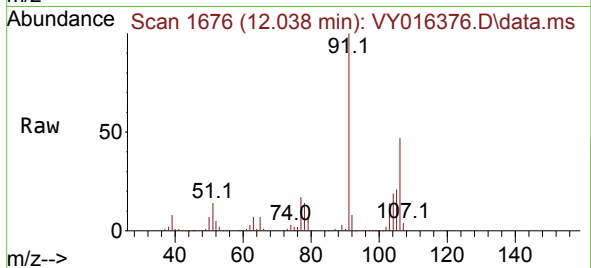
ClientSampleId :

Tgt Ion:106 Resp: 152883

Ion Ratio Lower Upper

106 100

91 210.7 108.1 324.3



#70

Styrene

Concen: 53.396 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

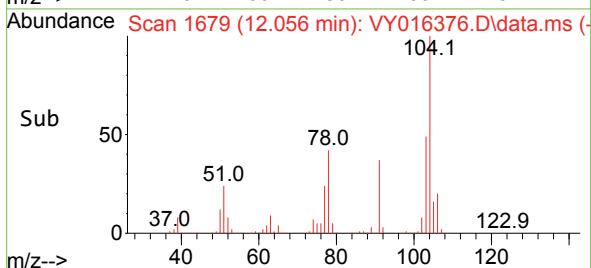
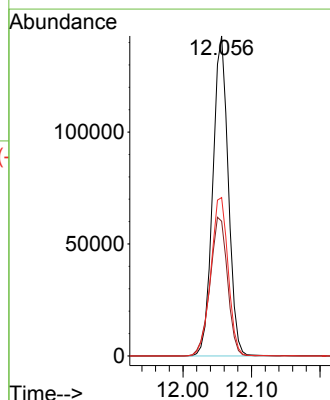
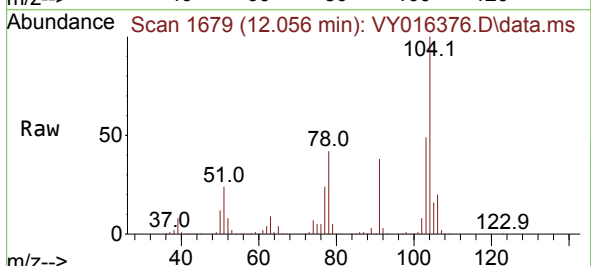
Tgt Ion:104 Resp: 224255

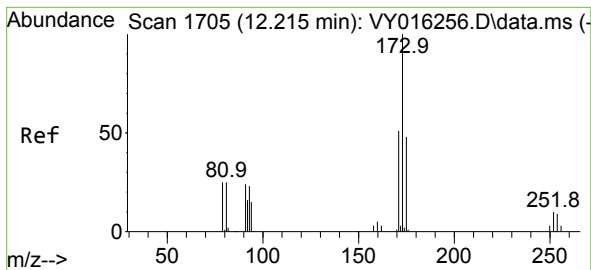
Ion Ratio Lower Upper

104 100

78 49.0 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 55.437 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

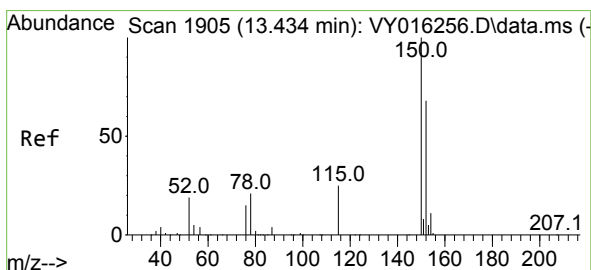
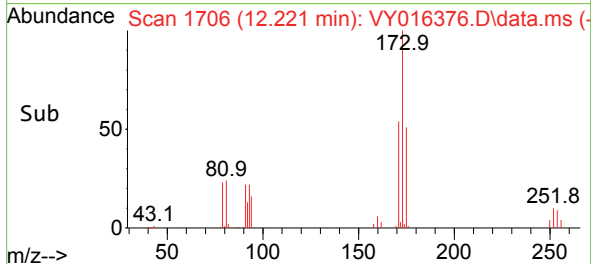
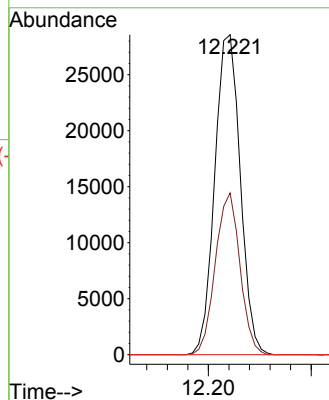
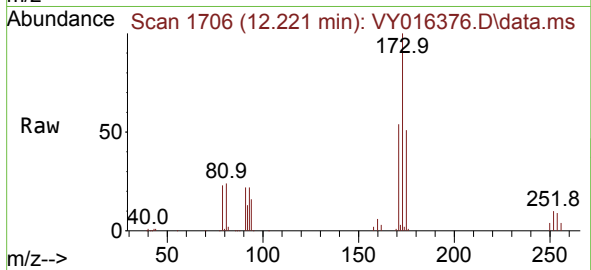
Tgt Ion:173 Resp: 49170

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

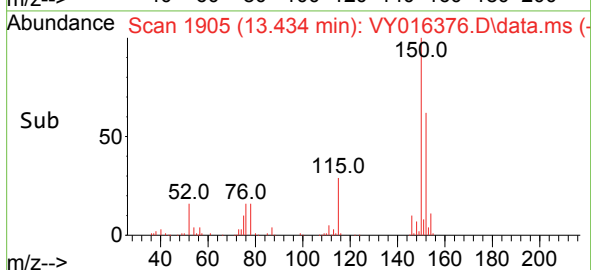
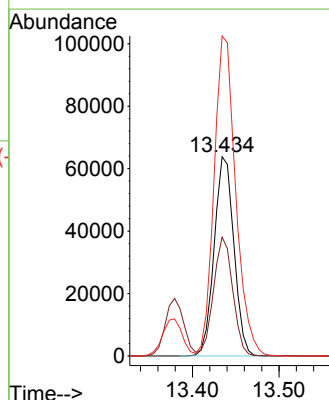
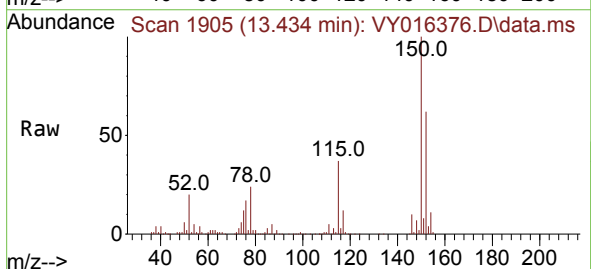
Tgt Ion:152 Resp: 100993

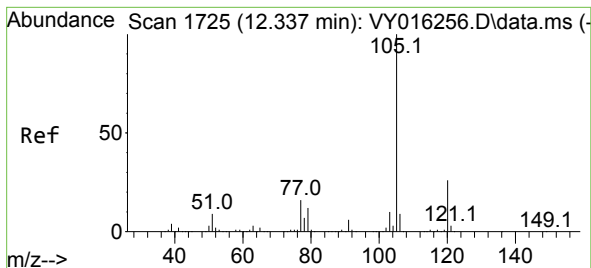
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 176.2 0.0 348.8





#73

Isopropylbenzene

Concen: 50.092 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

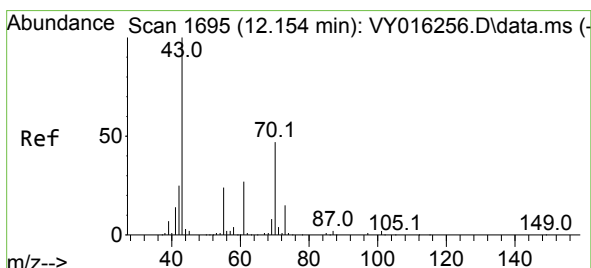
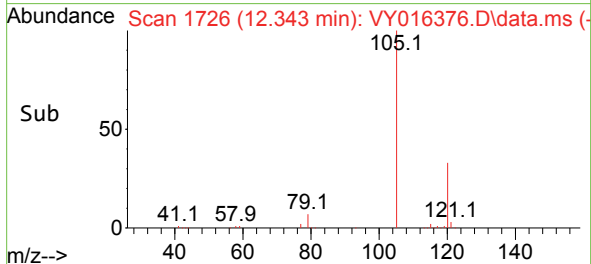
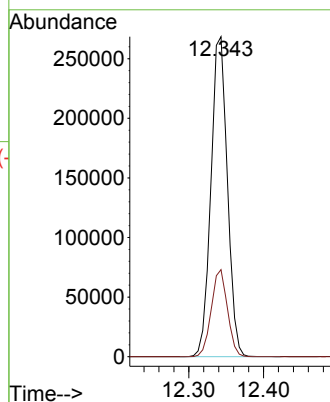
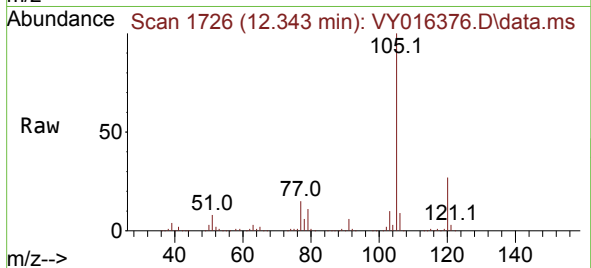
ClientSampleId :

Tgt Ion:105 Resp: 409662

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 49.671 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Tgt Ion: 43 Resp: 81595

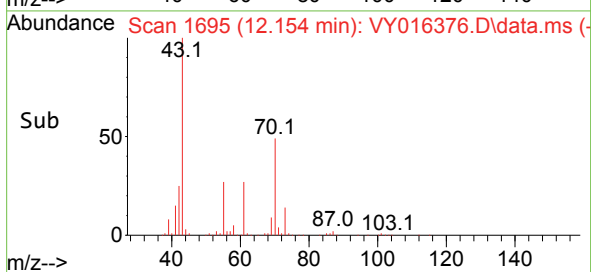
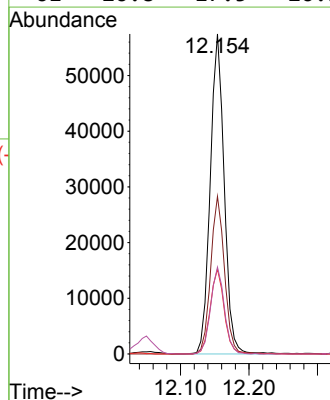
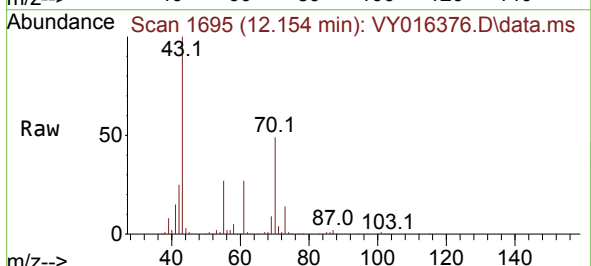
Ion Ratio Lower Upper

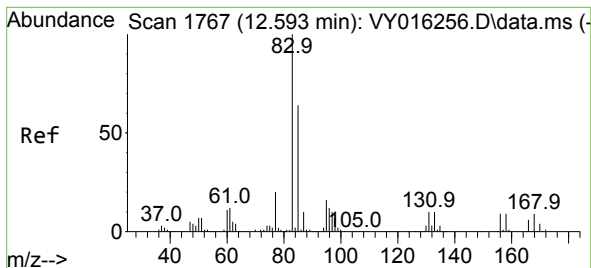
43 100

70 48.7 29.7 44.5#

55 26.7 18.3 27.5

61 26.8 17.5 26.3#

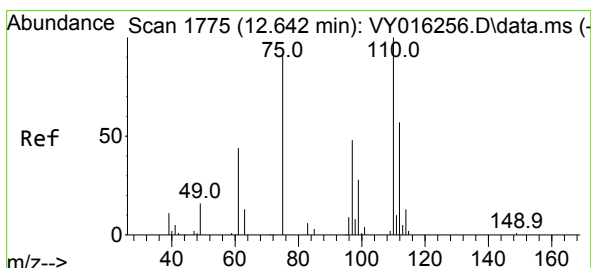
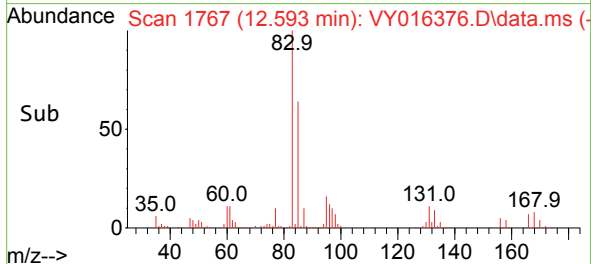
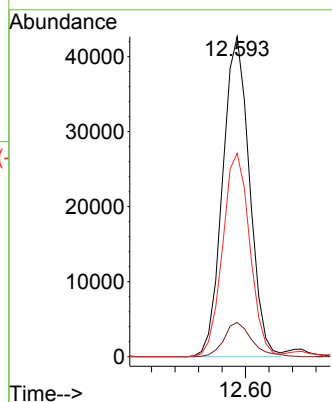
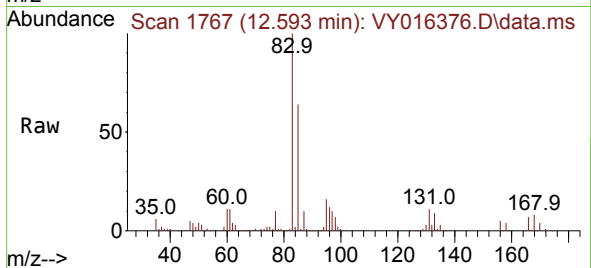




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.578 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

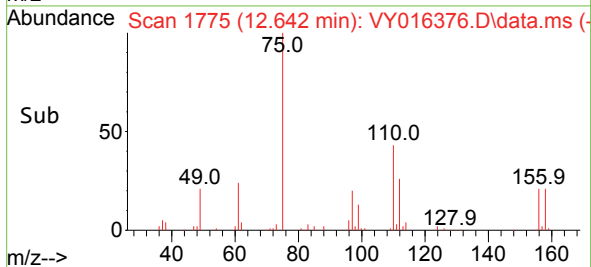
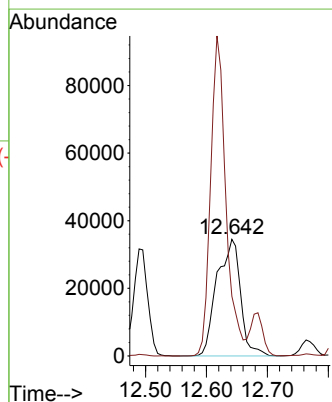
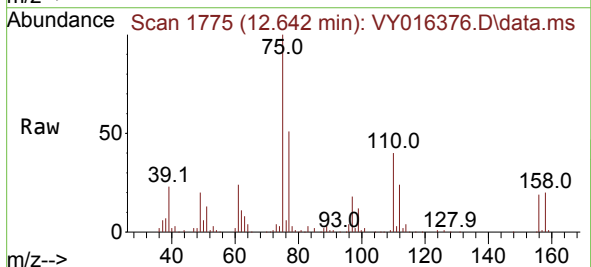
Instrument :
 MSVOA_Y
 ClientSampleId :

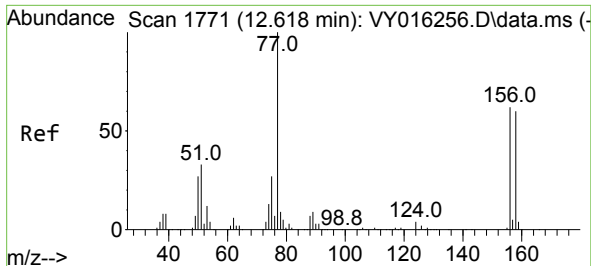
Tgt Ion: 83 Resp: 67686
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 64.4 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 95.630 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

Tgt Ion: 75 Resp: 92648
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

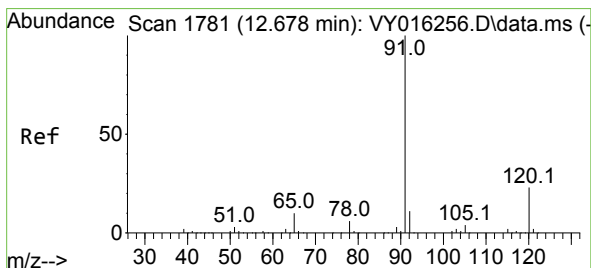
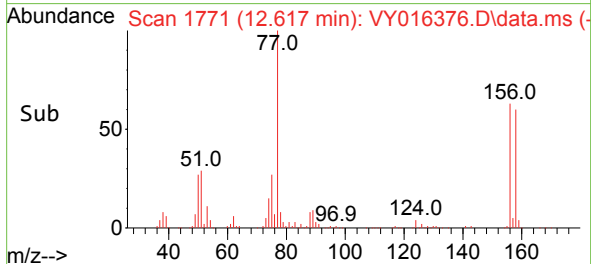
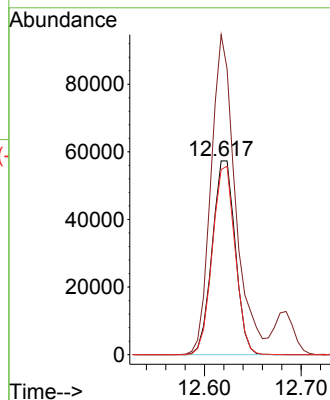
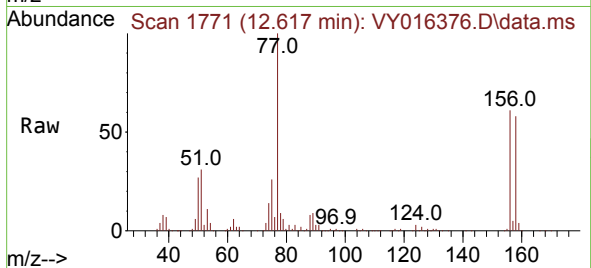




#77
Bromobenzene
Concen: 51.238 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

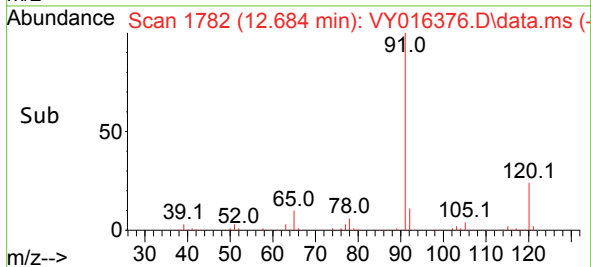
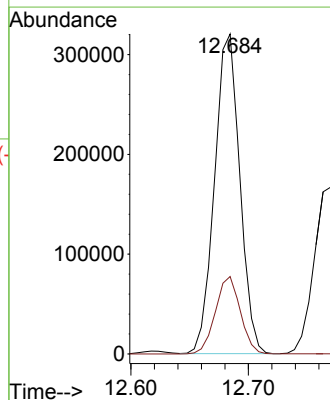
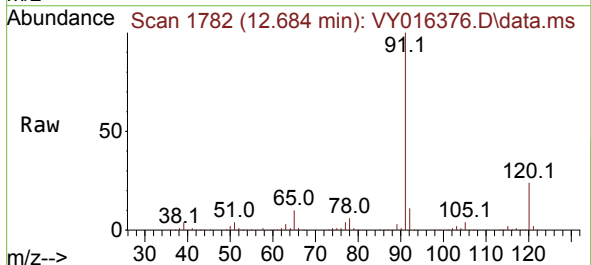
Instrument :
MSVOA_Y
ClientSampleId :

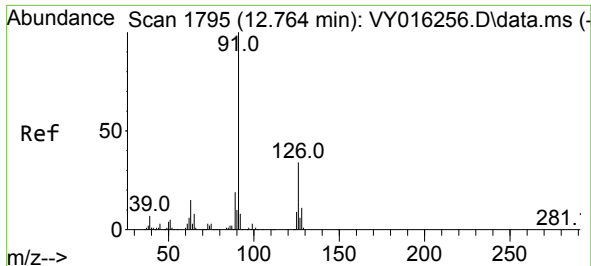
Tgt Ion:156 Resp: 94707
Ion Ratio Lower Upper
156 100
77 174.1 92.8 278.6
158 96.3 48.4 145.3



#78
n-propylbenzene
Concen: 49.433 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 91 Resp: 477767
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4

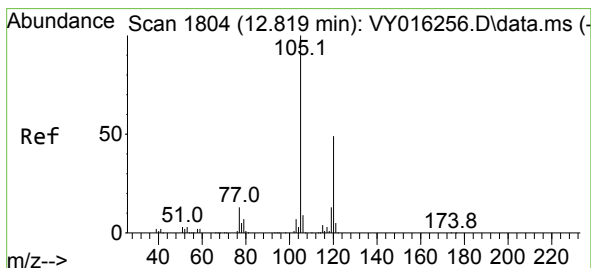
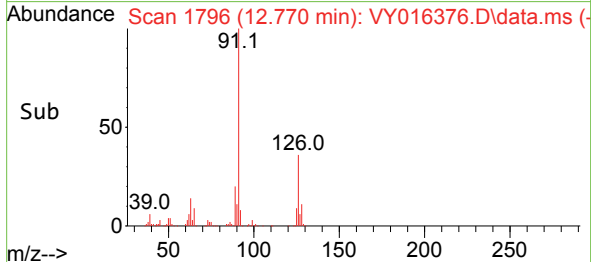
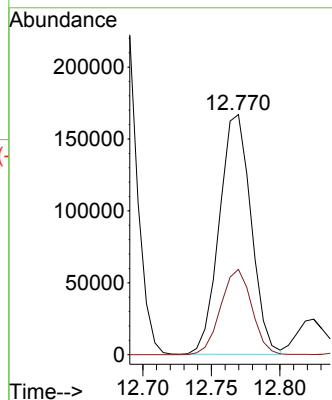
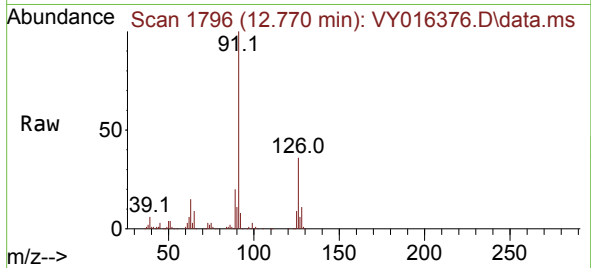




#79
2-Chlorotoluene
Concen: 50.556 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

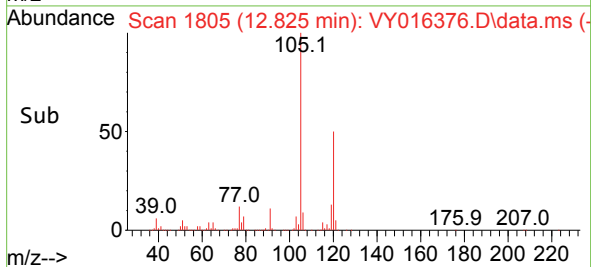
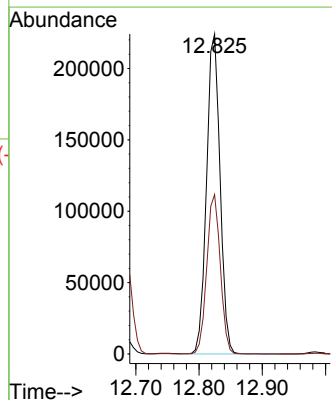
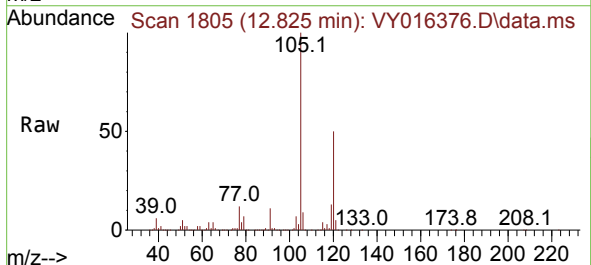
Instrument :
MSVOA_Y
ClientSampleId :

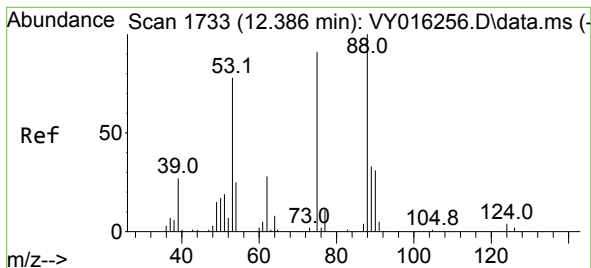
Tgt Ion: 91 Resp: 269279
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.562 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 105 Resp: 333388
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

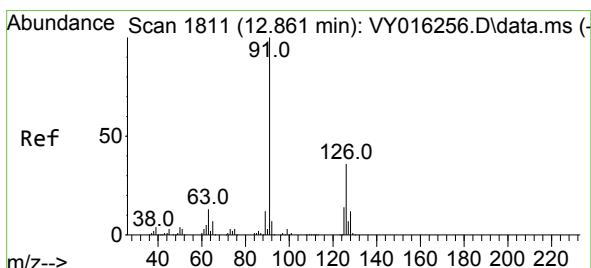
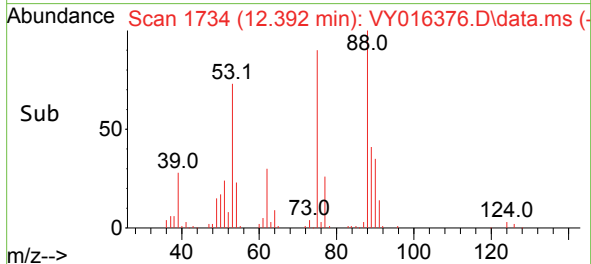
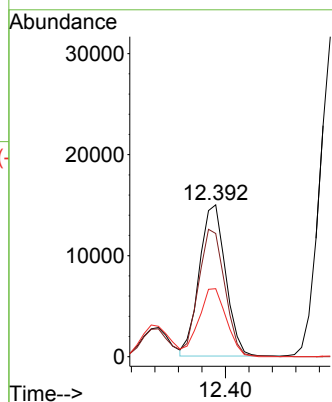
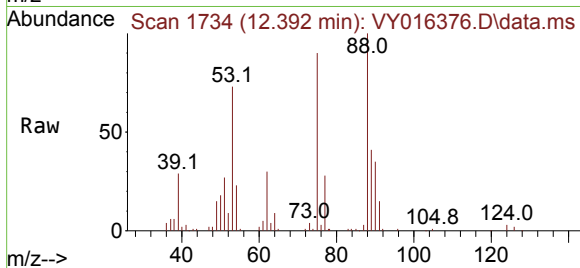




#81
trans-1,4-Dichloro-2-butene
Concen: 52.095 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

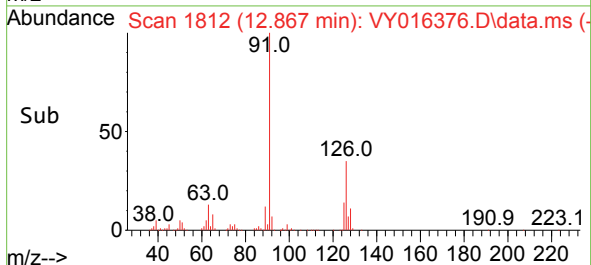
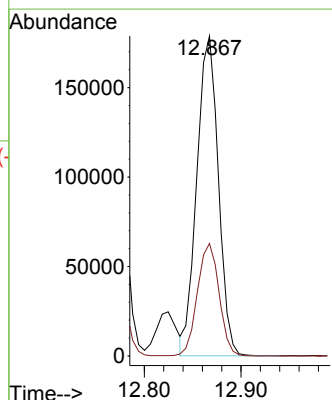
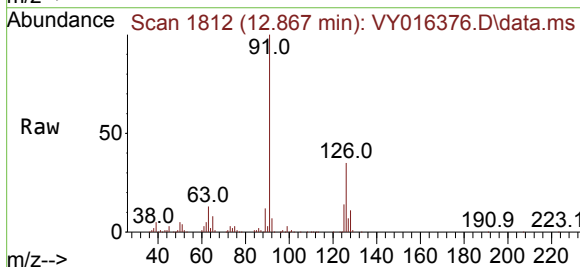
Instrument :
MSVOA_Y
ClientSampleId :

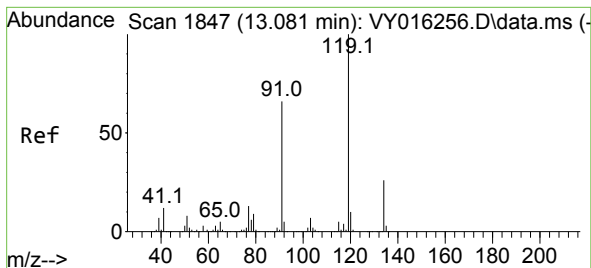
Tgt Ion: 75 Resp: 23252
Ion Ratio Lower Upper
75 100
53 84.8 77.8 116.8
89 47.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.359 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion: 91 Resp: 277165
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 50.286 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

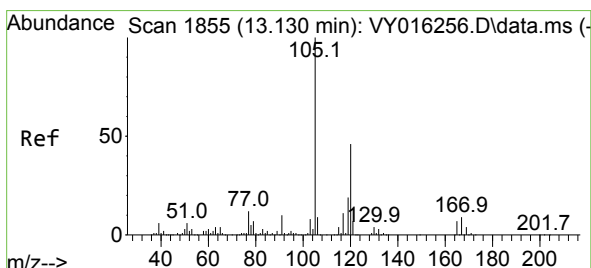
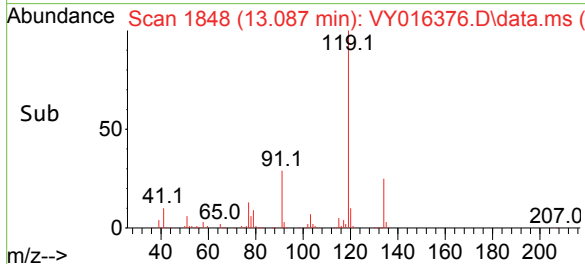
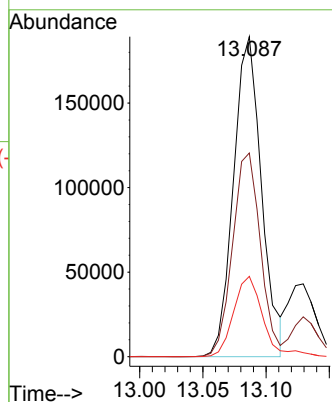
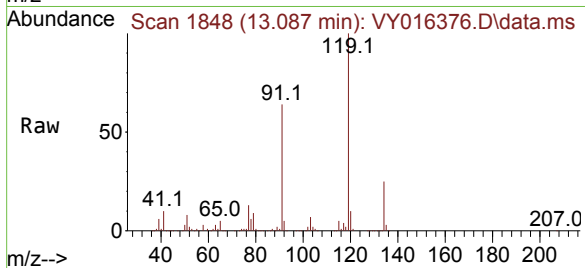
Tgt Ion:119 Resp: 292051

Ion Ratio Lower Upper

119 100

91 63.4 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.593 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016376.D

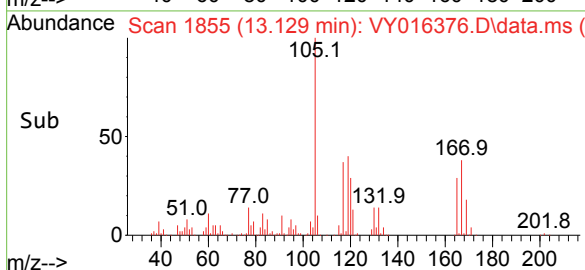
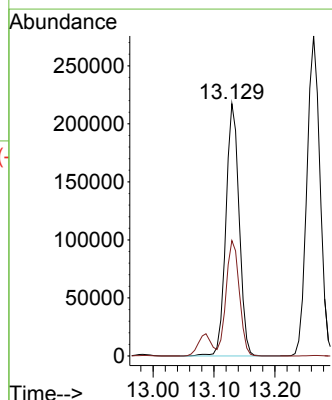
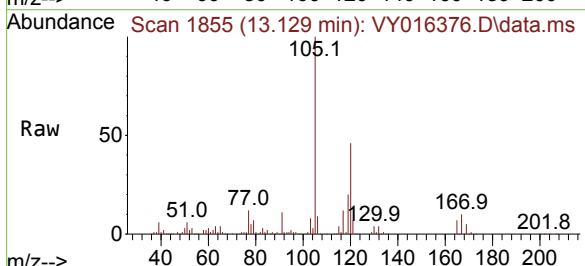
Acq: 15 Nov 2023 19:02

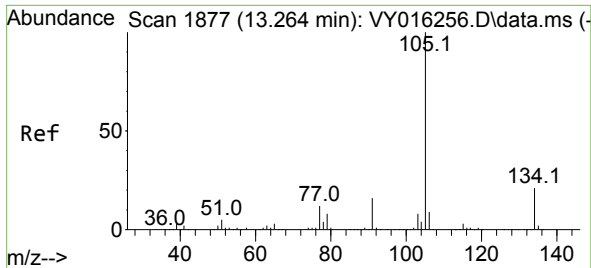
Tgt Ion:105 Resp: 328477

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6

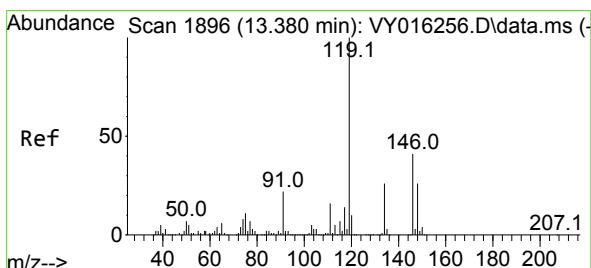
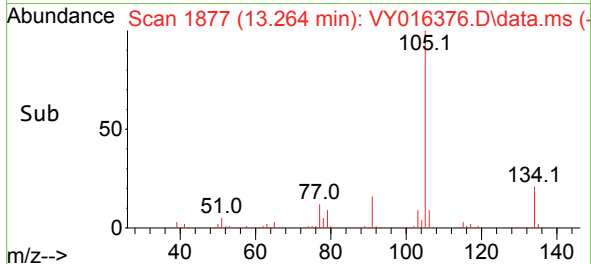
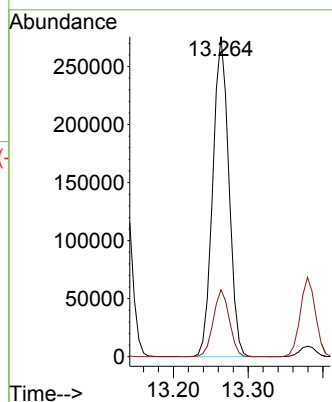
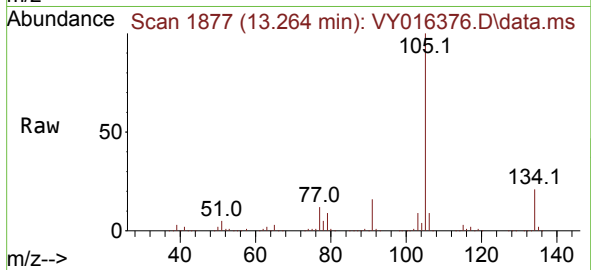




#85
 sec-Butylbenzene
 Concen: 49.507 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

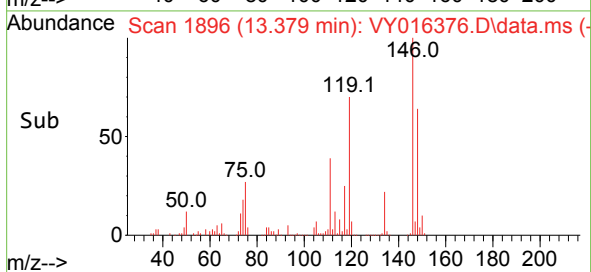
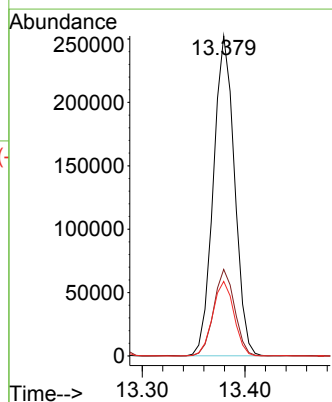
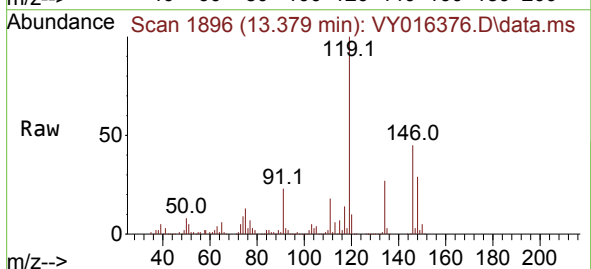
Instrument :
 MSVOA_Y
 ClientSampleId :

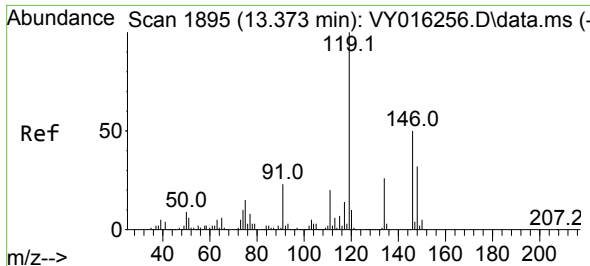
Tgt Ion:105 Resp: 410773
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.379 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016376.D
 Acq: 15 Nov 2023 19:02

Tgt Ion:119 Resp: 359936
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.6 12.4 37.4

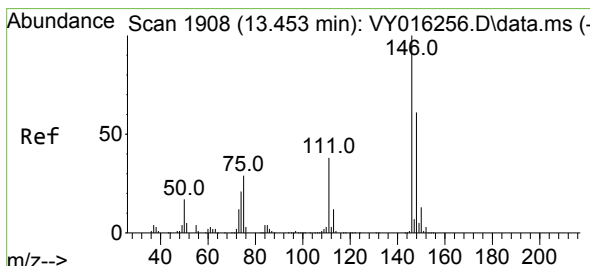
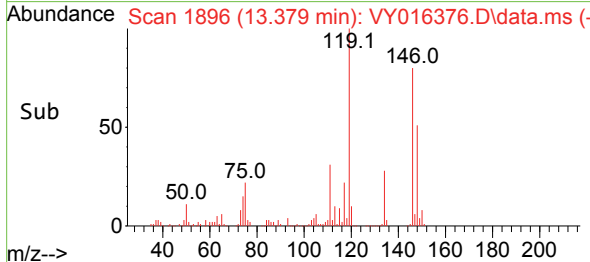
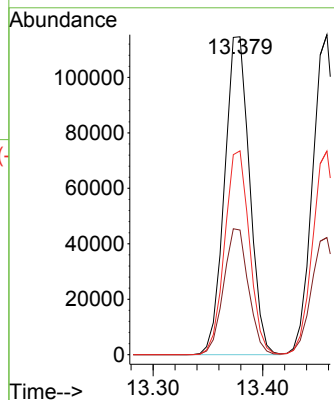
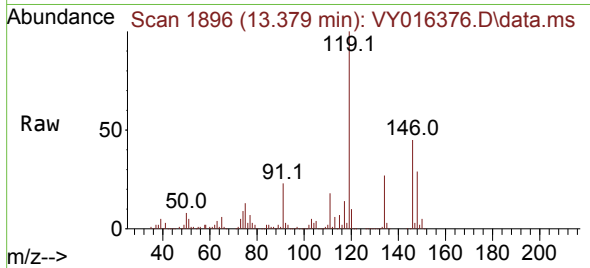




#87
1,3-Dichlorobenzene
Concen: 51.177 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

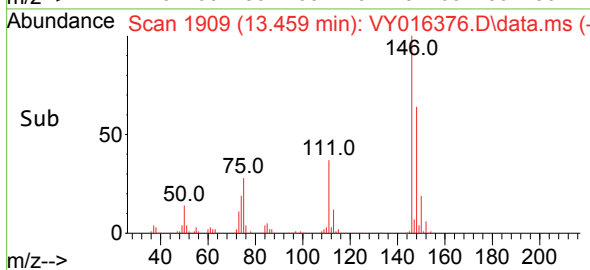
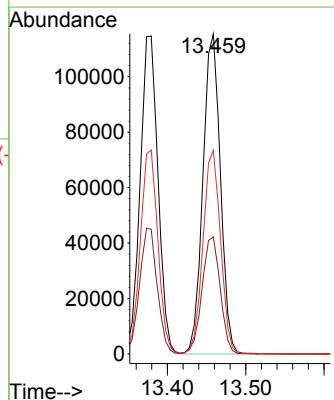
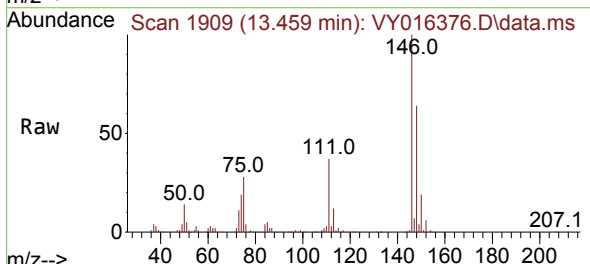
Instrument :
MSVOA_Y
ClientSampleId :

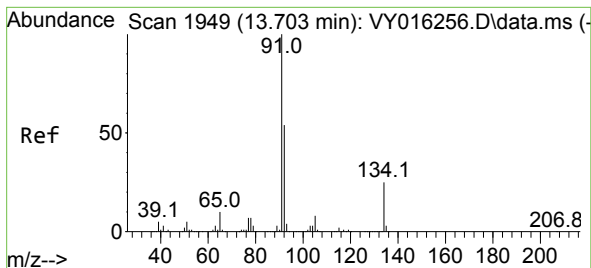
Tgt Ion:146 Resp: 181988
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.3 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.454 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion:146 Resp: 178817
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.7
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 50.025 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

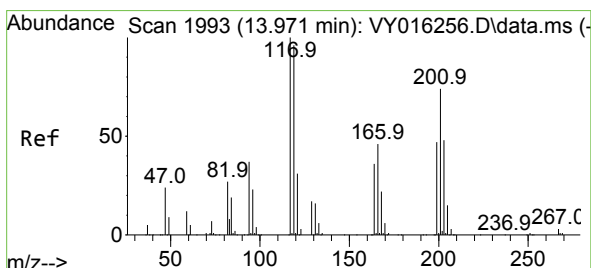
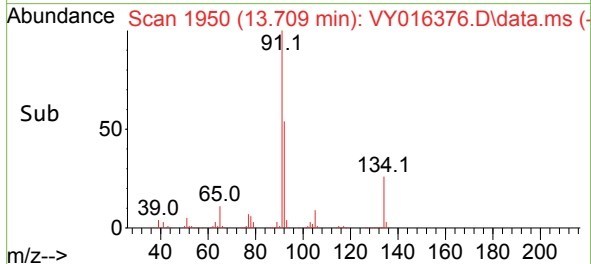
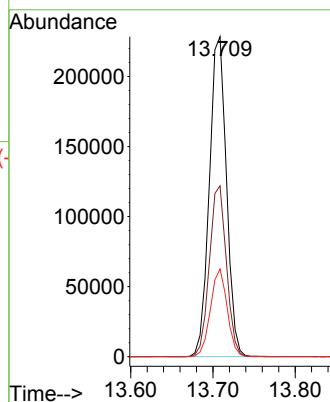
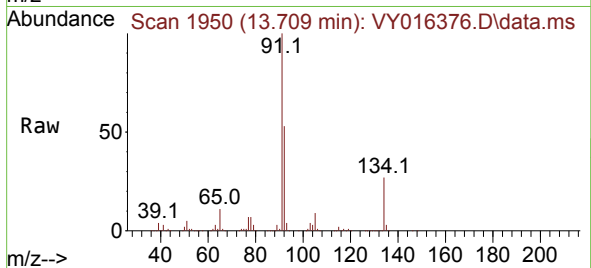
Tgt Ion: 91 Resp: 330067

Ion Ratio Lower Upper

91 100

92 53.3 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 50.230 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016376.D

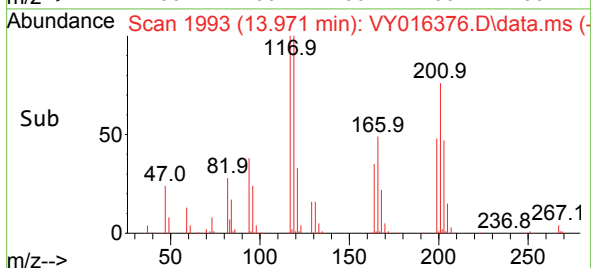
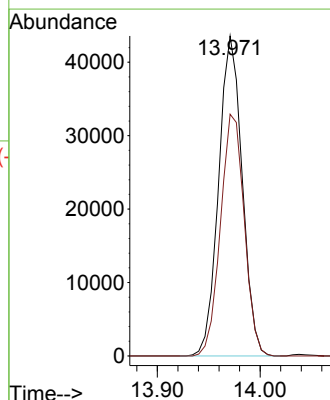
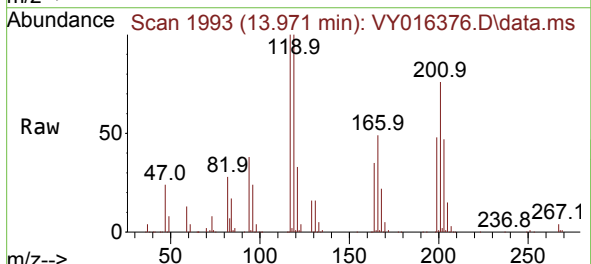
Acq: 15 Nov 2023 19:02

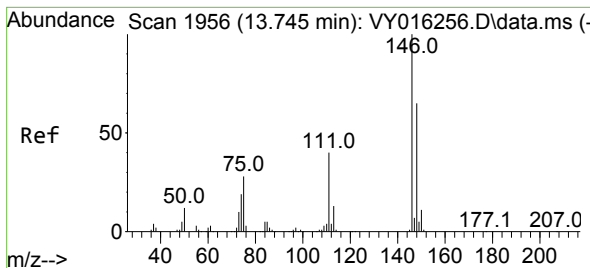
Tgt Ion: 117 Resp: 69227

Ion Ratio Lower Upper

117 100

201 76.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.296 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

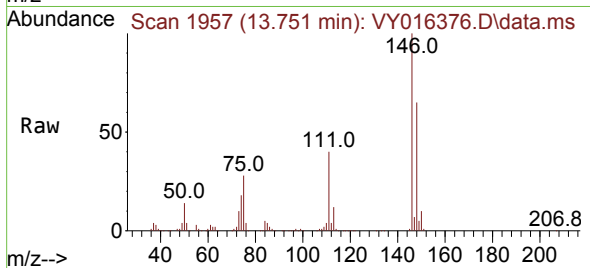
Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :



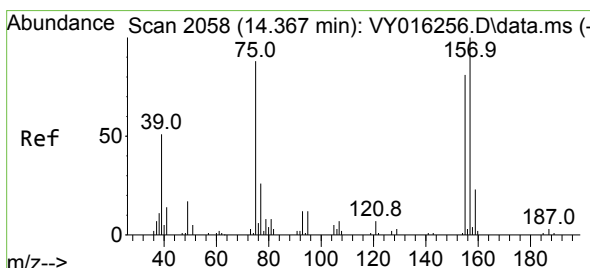
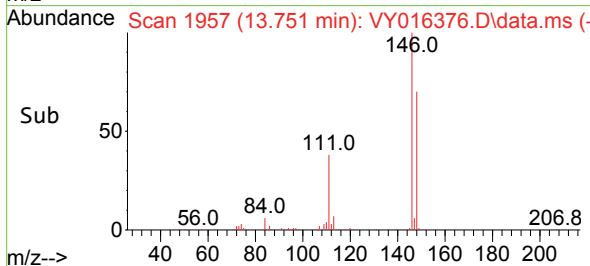
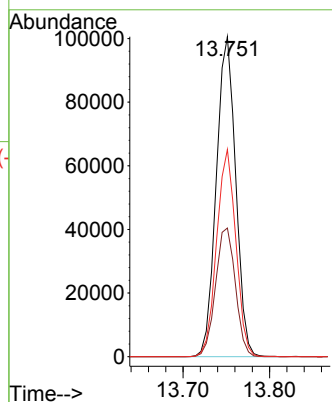
Tgt Ion:146 Resp: 156308

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.526 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

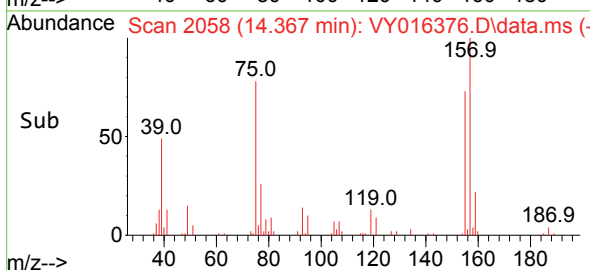
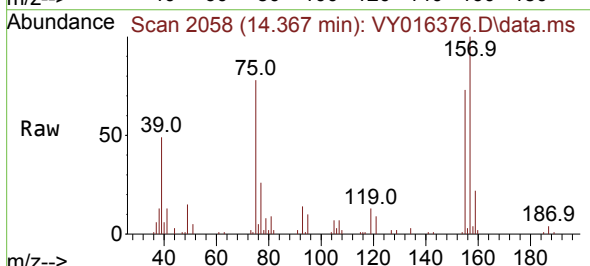
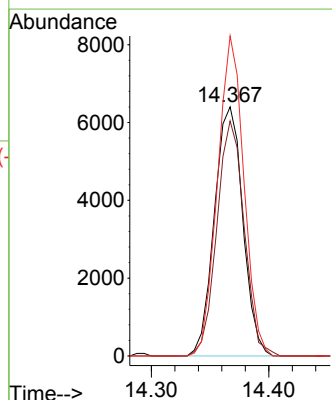
Tgt Ion: 75 Resp: 10758

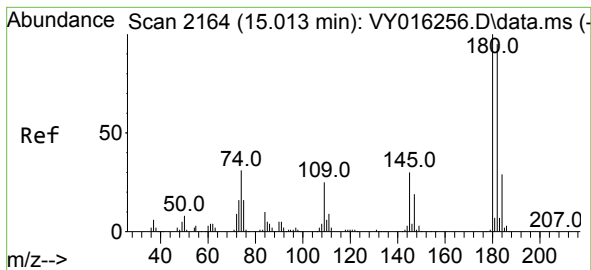
Ion Ratio Lower Upper

75 100

155 90.6 41.5 124.6

157 119.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 55.093 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

Instrument :

MSVOA_Y

ClientSampleId :

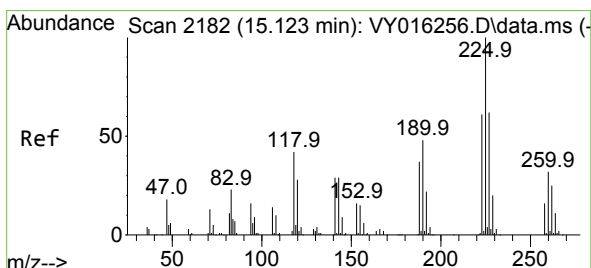
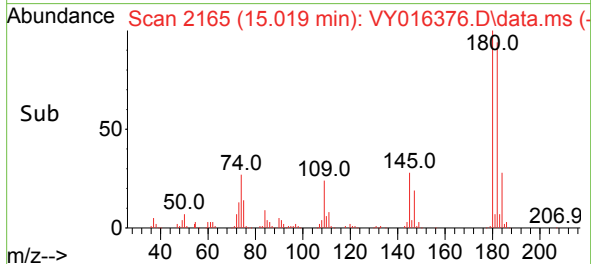
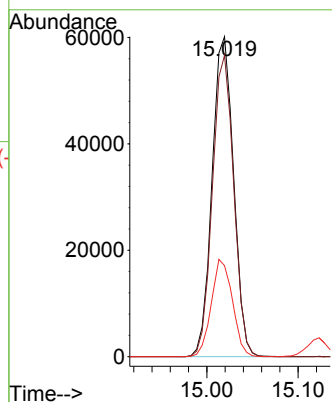
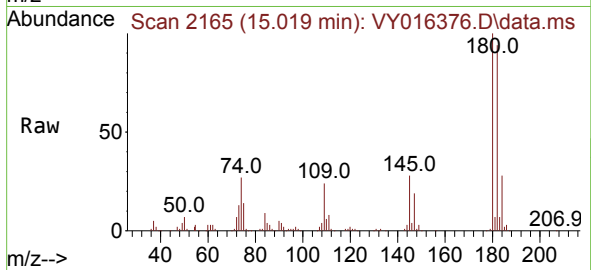
Tgt Ion:180 Resp: 97991

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.875 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016376.D

Acq: 15 Nov 2023 19:02

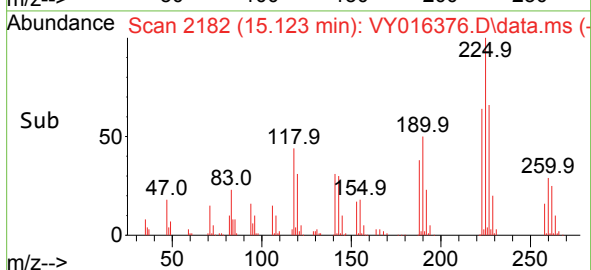
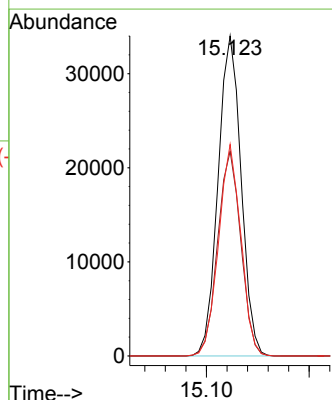
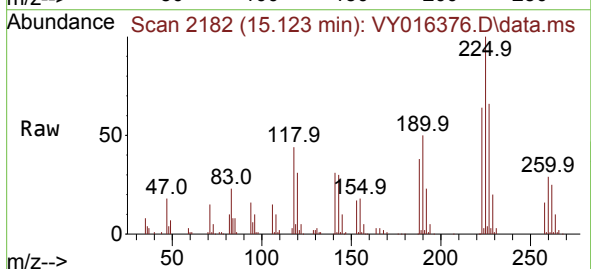
Tgt Ion:225 Resp: 52861

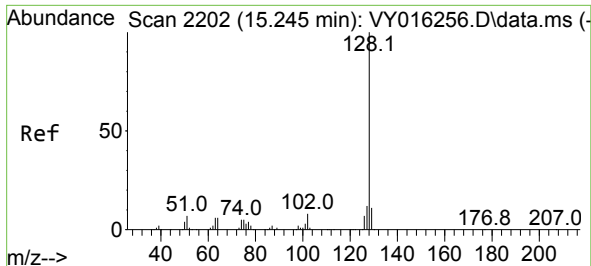
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 64.1 33.0 98.9

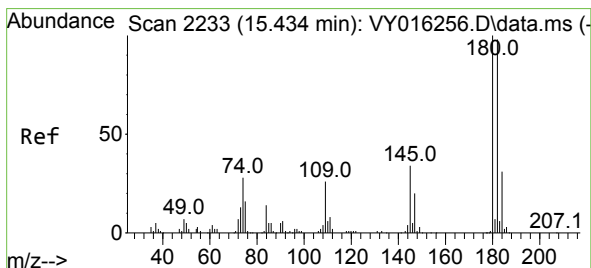
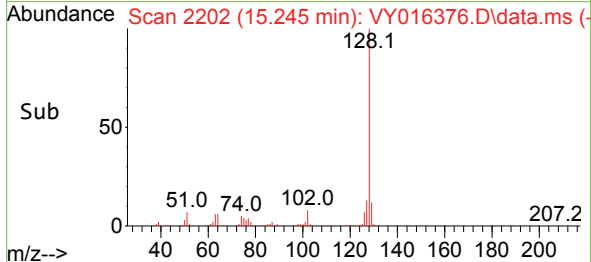
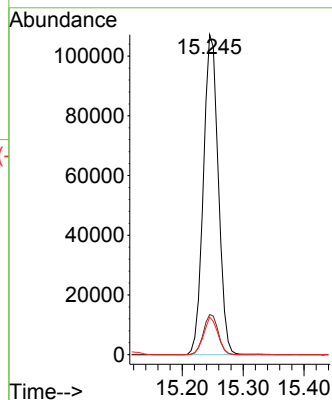
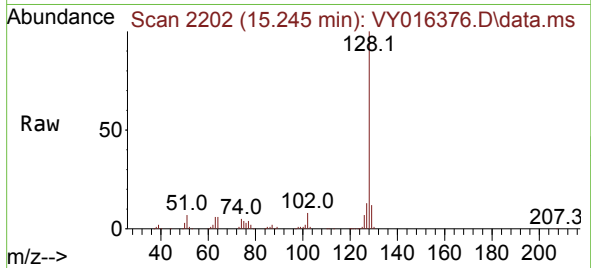




#95
Naphthalene
Concen: 57.315 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 182328
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.438 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016376.D
Acq: 15 Nov 2023 19:02

Tgt Ion:180 Resp: 80086
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 32.4 15.4 46.2

