

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016570.D
 Acq On : 01 Dec 2023 18:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	153499	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.710	114	238293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	211708	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	102372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	65375	53.908	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.820%	
35) Dibromofluoromethane	7.734	113	72330	51.717	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.440%	
50) Toluene-d8	10.197	98	281068	51.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.496	95	93965	55.220	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	58806	43.980	ug/l	95
3) Chloromethane	2.125	50	50949	38.197	ug/l	98
4) Vinyl Chloride	2.266	62	56878	37.780	ug/l	99
5) Bromomethane	2.668	94	43215	44.343	ug/l	97
6) Chloroethane	2.808	64	38656	39.773	ug/l	97
7) Trichlorofluoromethane	3.144	101	124482	47.762	ug/l	97
8) Diethyl Ether	3.546	74	36976	53.415	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.918	101	69138	46.731	ug/l	96
10) Methyl Iodide	4.113	142	86355	51.591	ug/l	98
11) Tert butyl alcohol	4.972	59	21341	277.650	ug/l #	84
12) 1,1-Dichloroethene	3.893	96	66364	47.996	ug/l #	78
13) Acrolein	3.741	56	30646	210.412	ug/l	98
14) Allyl chloride	4.503	41	75464	47.475	ug/l #	87
15) Acrylonitrile	5.186	53	64974	265.244	ug/l	97
16) Acetone	3.967	43	50072	211.585	ug/l #	81
17) Carbon Disulfide	4.217	76	184548	47.307	ug/l	98
18) Methyl Acetate	4.497	43	49351	54.977	ug/l #	76
19) Methyl tert-butyl Ether	5.247	73	171429	56.893	ug/l	93
20) Methylene Chloride	4.741	84	75559	53.468	ug/l #	78
21) trans-1,2-Dichloroethene	5.247	96	78955	51.269	ug/l	86
22) Diisopropyl ether	6.143	45	169070	50.725	ug/l #	82
23) Vinyl Acetate	6.082	43	388910	253.022	ug/l #	83
24) 1,1-Dichloroethane	6.045	63	118047	50.185	ug/l	95
25) 2-Butanone	7.009	43	73782	225.500	ug/l #	77
26) 2,2-Dichloropropane	7.003	77	110998	47.744	ug/l	95
27) cis-1,2-Dichloroethene	7.009	96	88827	53.687	ug/l	83
28) Bromochloromethane	7.356	49	39181	46.089	ug/l #	51
29) Tetrahydrofuran	7.368	42	46694	265.649	ug/l #	69
30) Chloroform	7.527	83	140217	53.482	ug/l	97
31) Cyclohexane	7.807	56	89610	42.090	ug/l #	76
32) 1,1,1-Trichloroethane	7.722	97	130448	51.345	ug/l	93
36) 1,1-Dichloropropene	7.941	75	96618	46.783	ug/l	94
37) Ethyl Acetate	7.094	43	33407	51.610	ug/l #	88
38) Carbon Tetrachloride	7.917	117	122789	50.656	ug/l	97
39) Methylcyclohexane	9.203	83	123103	47.788	ug/l	86
40) Benzene	8.179	78	296547	50.642	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	19680	57.716	ug/l #	86
42) 1,2-Dichloroethane	8.258	62	79058	54.482	ug/l	91
43) Isopropyl Acetate	8.289	43	65845	51.730	ug/l #	78
44) Trichloroethene	8.960	130	94241	52.250	ug/l	92
45) 1,2-Dichloropropane	9.234	63	66188	50.092	ug/l	97
46) Dibromomethane	9.325	93	40850	54.981	ug/l	93
47) Bromodichloromethane	9.514	83	106316	54.198	ug/l	99
48) Methyl methacrylate	9.307	41	36129	50.558	ug/l #	74
49) 1,4-Dioxane	9.313	88	8679	1260.261	ug/l #	73
51) 4-Methyl-2-Pentanone	10.081	43	171245	257.889	ug/l #	81
52) Toluene	10.258	92	200092	53.193	ug/l	92
53) t-1,3-Dichloropropene	10.478	75	99573	54.778	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	116995	53.114	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	59409	55.413	ug/l	93
56) Ethyl methacrylate	10.526	69	51850	57.148	ug/l #	74
57) 1,3-Dichloropropane	10.807	76	94282	54.595	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	150915	268.989	ug/l #	82
59) 2-Hexanone	10.843	43	121283	231.230	ug/l	78
60) Dibromochloromethane	10.996	129	81482	58.146	ug/l	99
61) 1,2-Dibromoethane	11.099	107	56555	55.860	ug/l	99
64) Tetrachloroethene	10.734	164	102657	54.485	ug/l	96
65) Chlorobenzene	11.532	112	220962	52.117	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	88061	54.181	ug/l	99
67) Ethyl Benzene	11.605	91	378796	50.897	ug/l	96
68) m/p-Xylenes	11.715	106	299161	103.865	ug/l	91
69) o-Xylene	12.044	106	142612	53.933	ug/l	94
70) Styrene	12.057	104	210406	55.303	ug/l	95
71) Bromoform	12.221	173	49171	58.570	ug/l #	98
73) Isopropylbenzene	12.343	105	380916	49.066	ug/l	97
74) N-amyl acetate	12.154	43	55325	50.462	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.593	83	57158	49.599	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	76117	88.555	ug/l #	100
77) Bromobenzene	12.624	156	94046	52.026	ug/l	84
78) n-propylbenzene	12.685	91	422371	47.555	ug/l	95
79) 2-Chlorotoluene	12.770	91	241890	48.966	ug/l	94
80) 1,3,5-Trimethylbenzene	12.825	105	316503	50.716	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	18371	46.614	ug/l	87
82) 4-Chlorotoluene	12.867	91	253508	49.981	ug/l	96
83) tert-Butylbenzene	13.087	119	281066	49.905	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	311872	51.330	ug/l	97
85) sec-Butylbenzene	13.264	105	381022	48.916	ug/l	96
86) p-Isopropyltoluene	13.380	119	344744	51.224	ug/l	97
87) 1,3-Dichlorobenzene	13.380	146	176113	51.595	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	172108	51.515	ug/l	99
89) n-Butylbenzene	13.709	91	283640	48.083	ug/l	93
90) Hexachloroethane	13.977	117	65546	49.916	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	153433	53.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8998	55.502	ug/l	74
93) 1,2,4-Trichlorobenzene	15.019	180	90009	50.742	ug/l	99
94) Hexachlorobutadiene	15.123	225	55376	55.273	ug/l	99
95) Naphthalene	15.251	128	156178	49.651	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	74382	51.353	ug/l	100

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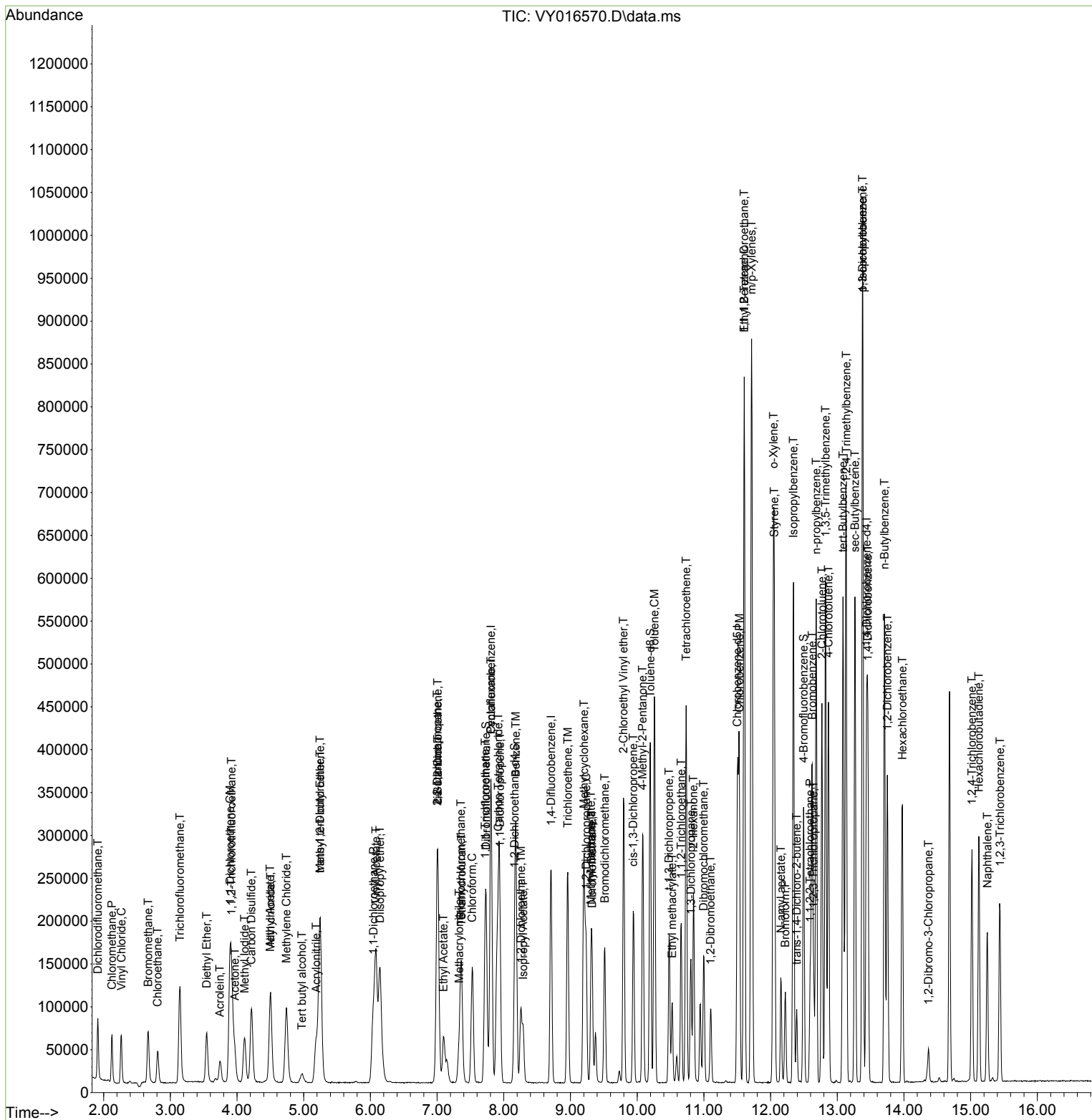
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MSVOA_Y
ClientSampleId :

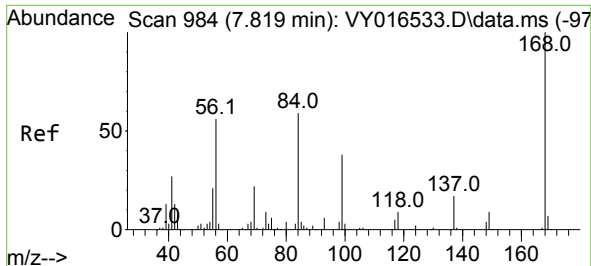
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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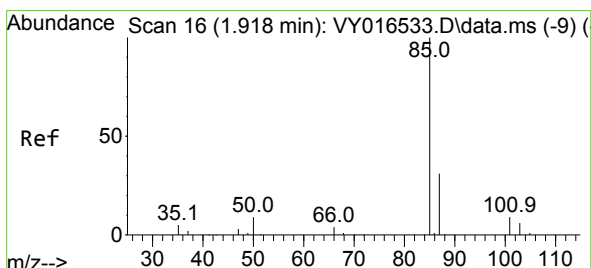
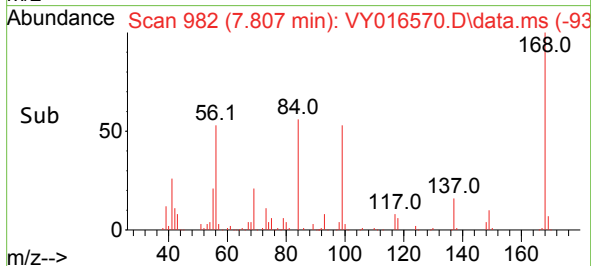
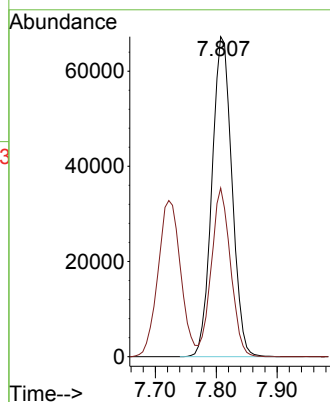
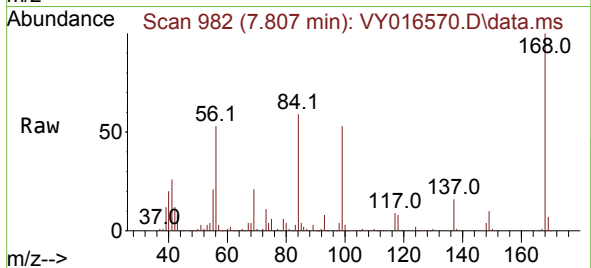




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
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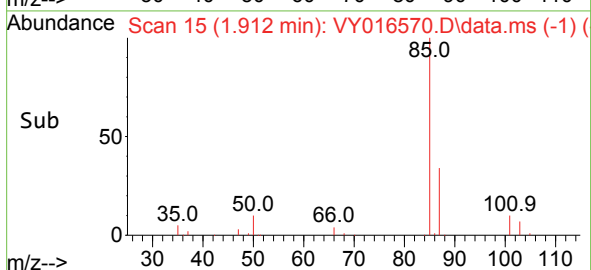
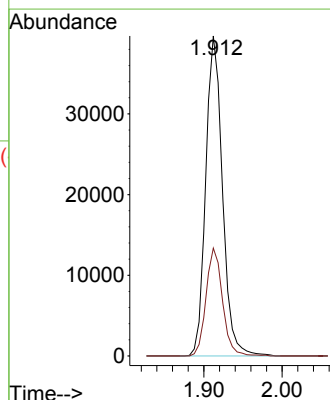
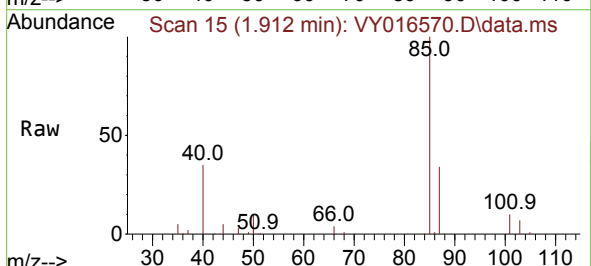
Instrument :
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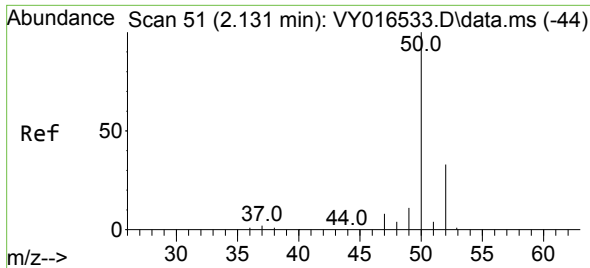
Tgt Ion:168 Resp: 153499
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.980 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 85 Resp: 58806
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8

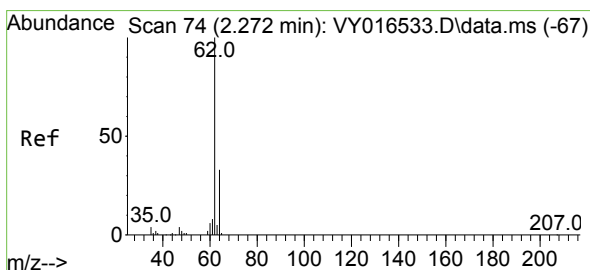
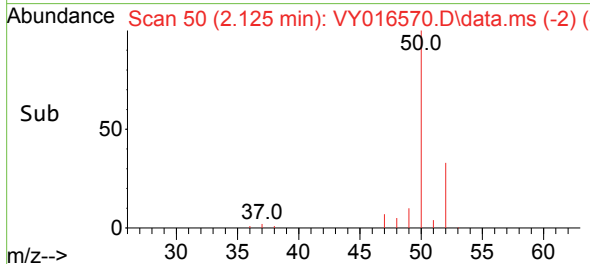
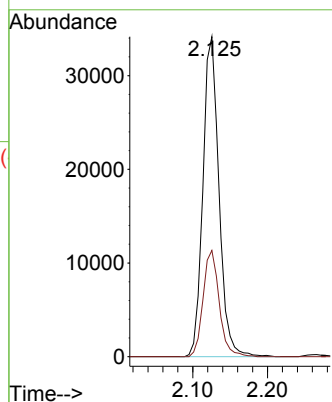
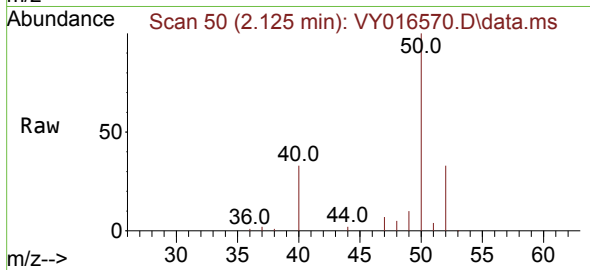




#3
Chloromethane
Concen: 38.197 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

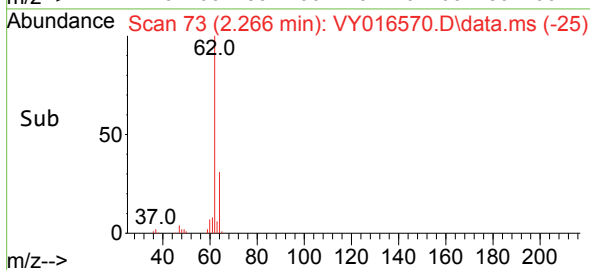
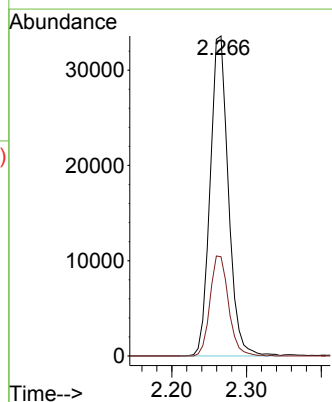
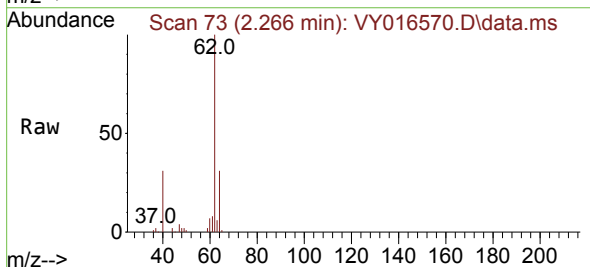
Instrument :
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ClientSampleId :

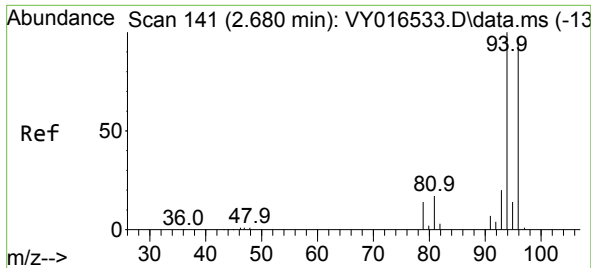
Tgt Ion: 50 Resp: 50949
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2



#4
Vinyl Chloride
Concen: 37.780 ug/l
RT: 2.266 min Scan# 73
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 62 Resp: 56878
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5

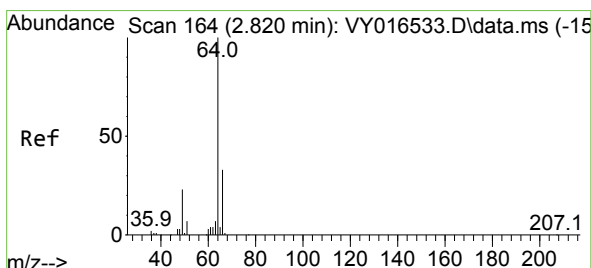
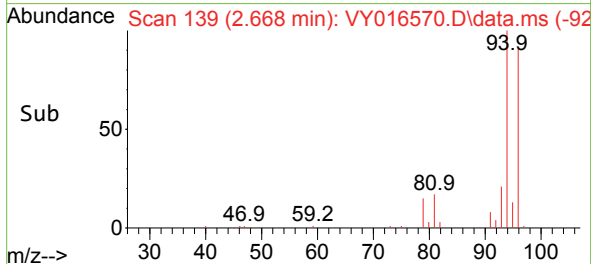
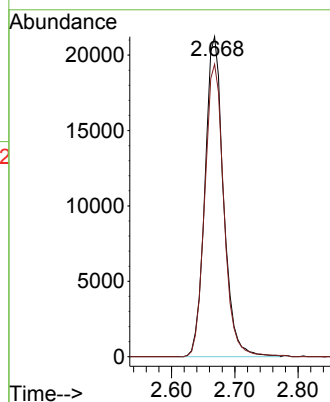
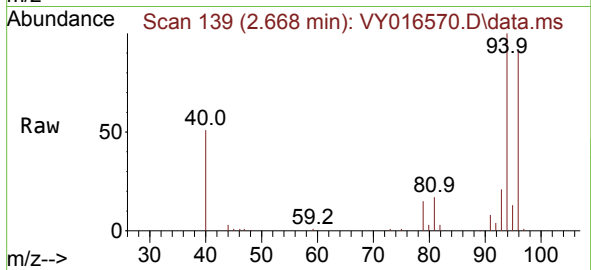




#5
Bromomethane
Concen: 44.343 ug/l
RT: 2.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

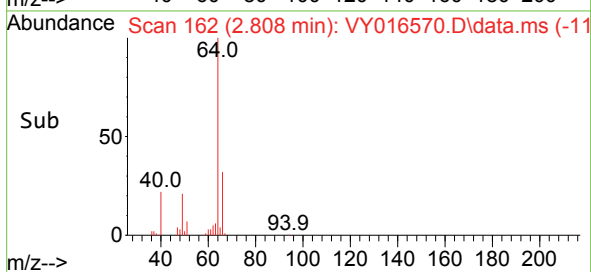
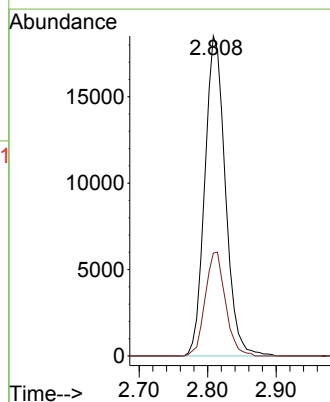
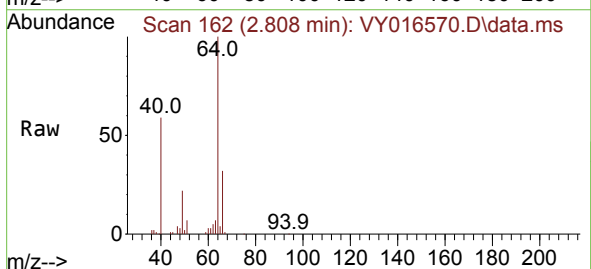
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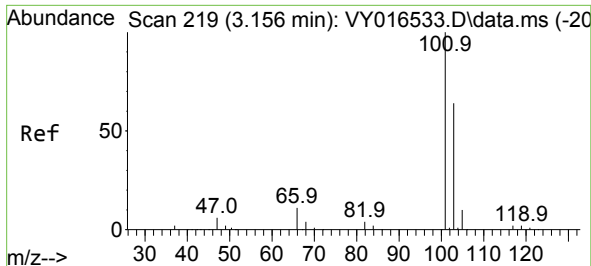
Tgt Ion: 94 Resp: 43215
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.6



#6
Chloroethane
Concen: 39.773 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 64 Resp: 38656
Ion Ratio Lower Upper
64 100
66 32.2 24.4 36.6

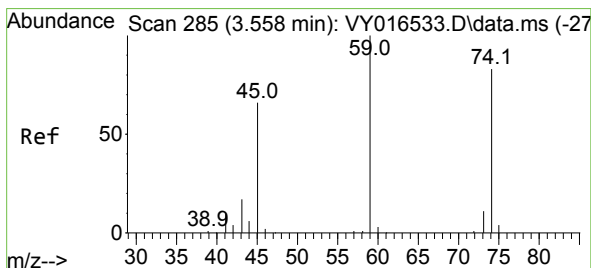
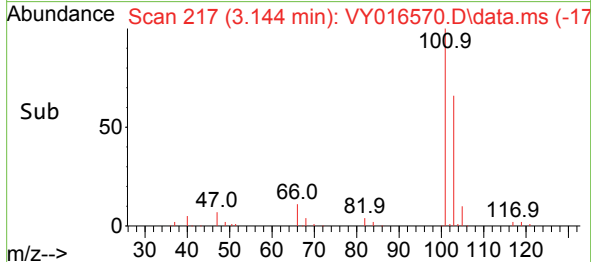
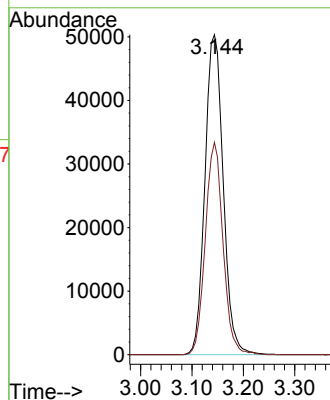
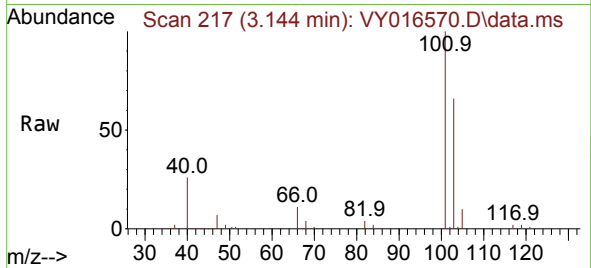




#7
 Trichlorofluoromethane
 Concen: 47.762 ug/l
 RT: 3.144 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

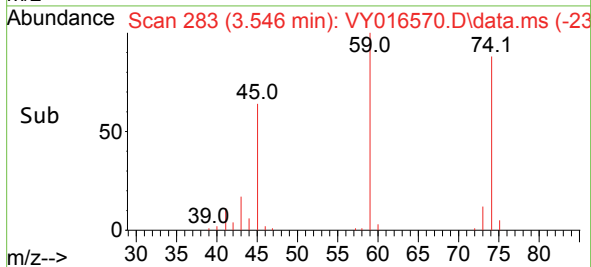
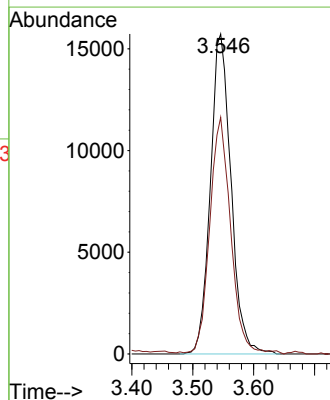
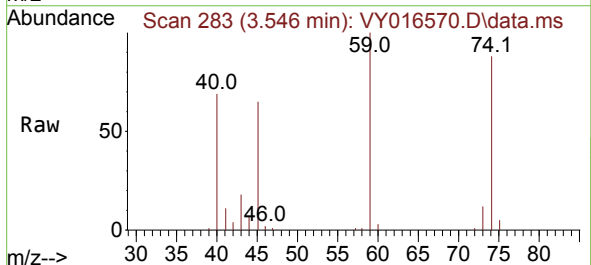
Instrument :
 MSVOA_Y
 ClientSampleId :

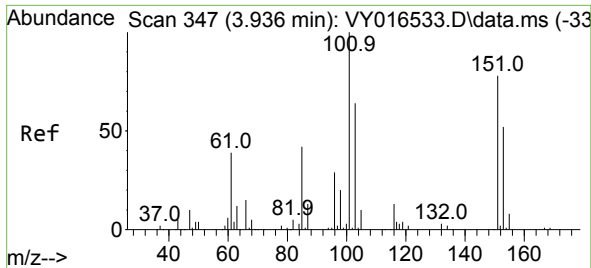
Tgt Ion:101 Resp: 124482
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 53.415 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 36976
 Ion Ratio Lower Upper
 74 100
 45 75.4 51.5 154.5

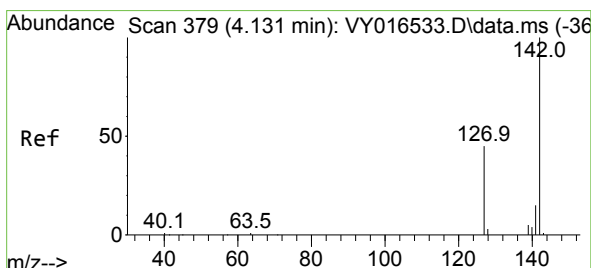
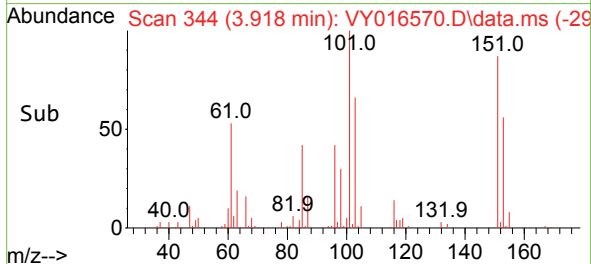
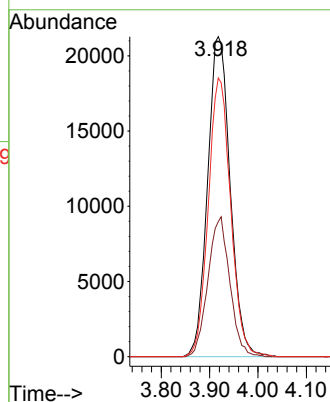
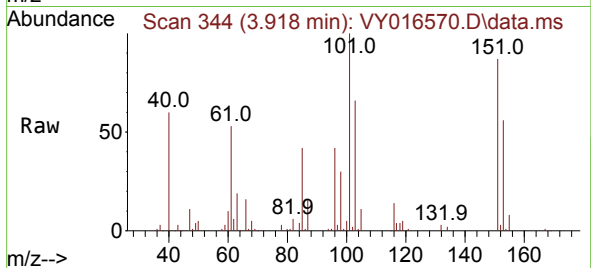




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.731 ug/l
RT: 3.918 min Scan# 34
Delta R.T. -0.018 min
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Acq: 01 Dec 2023 18:56

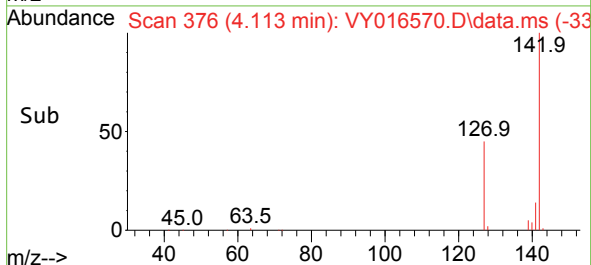
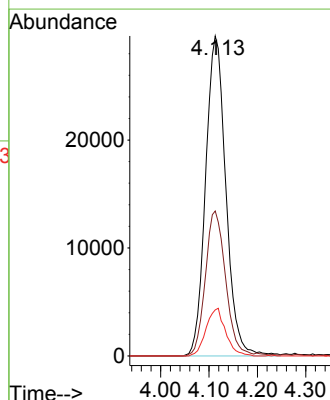
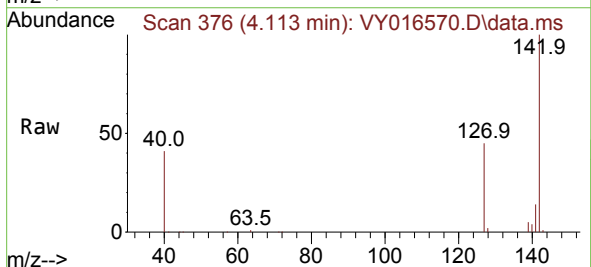
Instrument :
MSVOA_Y
ClientSampleId :

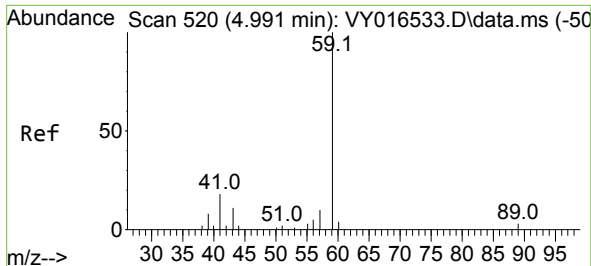
Tgt Ion:101 Resp: 69138
Ion Ratio Lower Upper
101 100
85 42.2 36.6 55.0
151 86.2 67.0 100.6



#10
Methyl Iodide
Concen: 51.591 ug/l
RT: 4.113 min Scan# 376
Delta R.T. -0.018 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

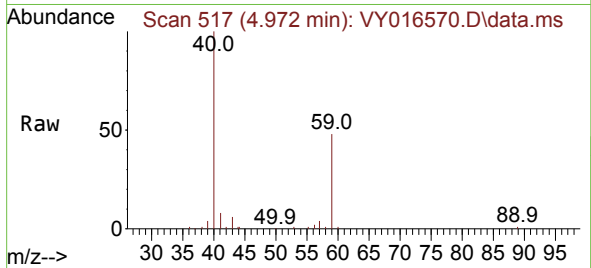
Tgt Ion:142 Resp: 86355
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.3 11.8 17.8



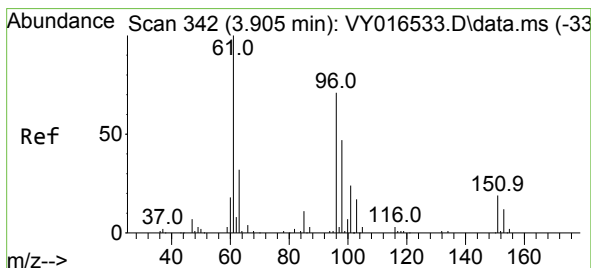
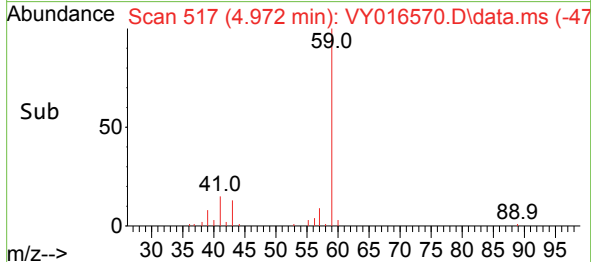
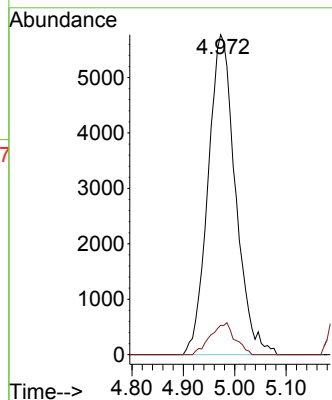


#11
Tert butyl alcohol
Concen: 277.650 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

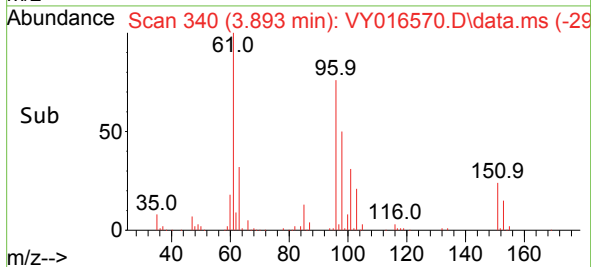
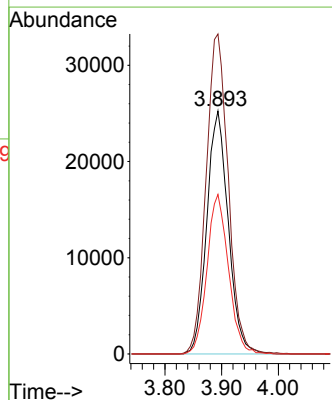
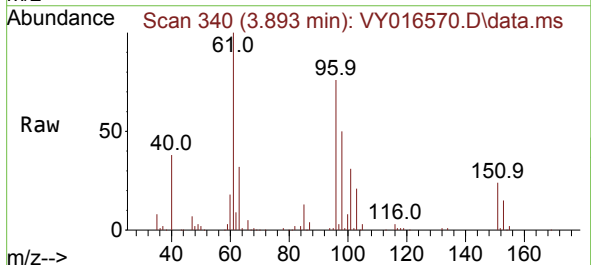


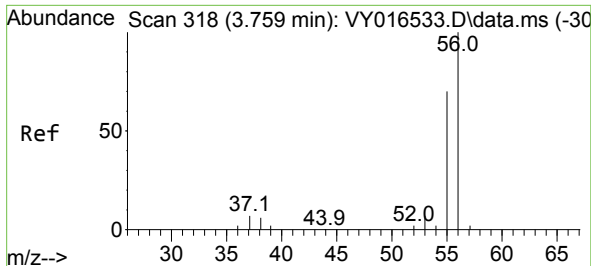
Tgt Ion: 59 Resp: 21341
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.996 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

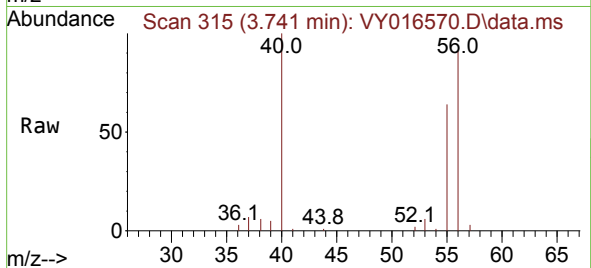
Tgt Ion: 96 Resp: 66364
Ion Ratio Lower Upper
96 100
61 131.7 136.4 204.6#
98 65.7 49.4 74.2



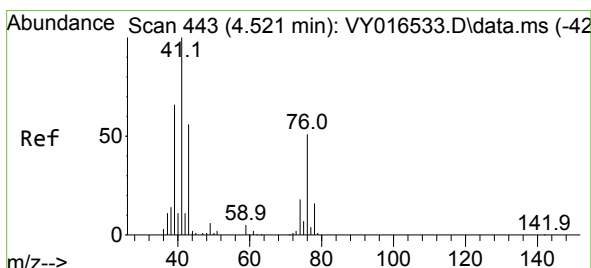
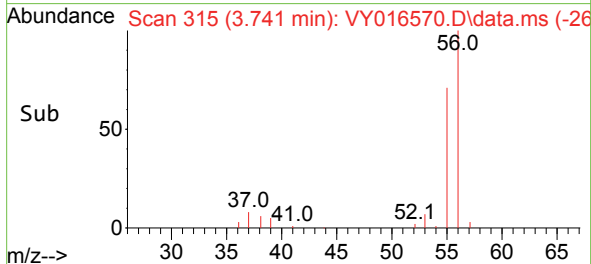
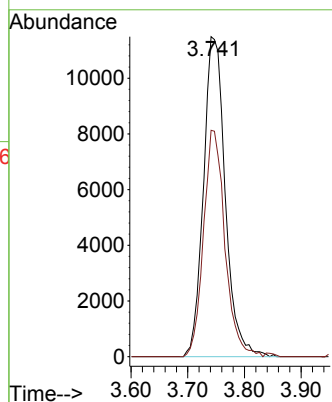


#13
Acrolein
Concen: 210.412 ug/l
RT: 3.741 min Scan# 318
Delta R.T. -0.018 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

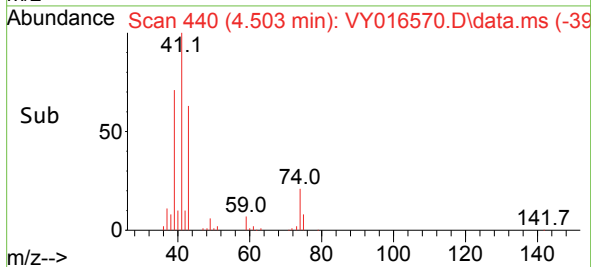
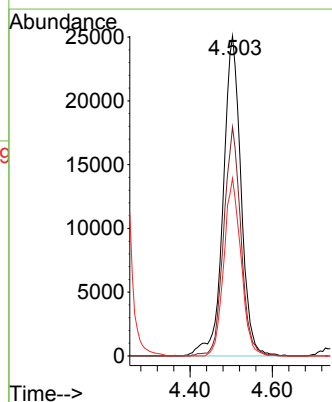
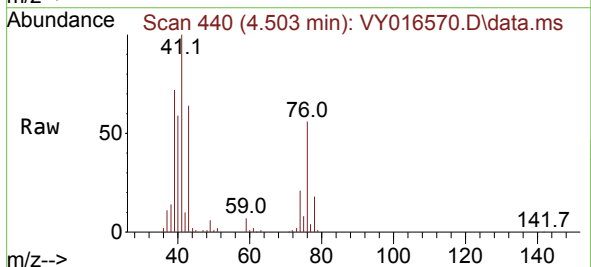


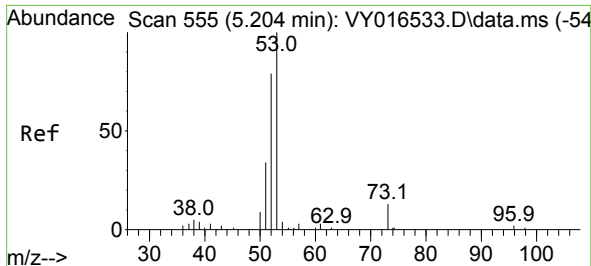
Tgt Ion: 56 Resp: 30646
Ion Ratio Lower Upper
56 100
55 69.3 57.0 85.4



#14
Allyl chloride
Concen: 47.475 ug/l
RT: 4.503 min Scan# 440
Delta R.T. -0.018 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

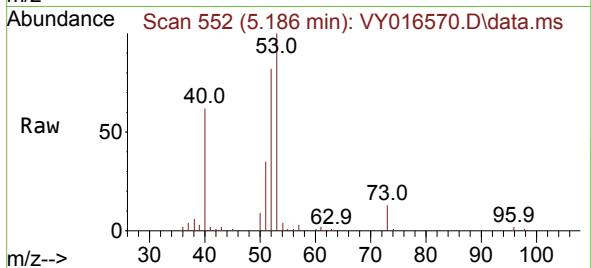
Tgt Ion: 41 Resp: 75464
Ion Ratio Lower Upper
41 100
39 69.1 58.0 87.0
76 53.3 27.4 41.2#



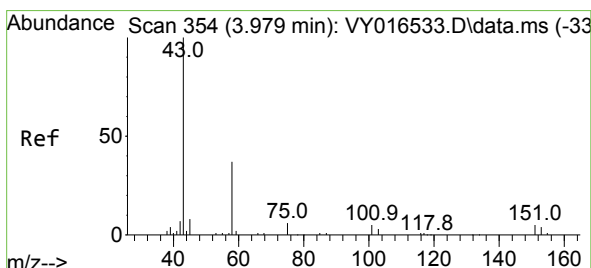
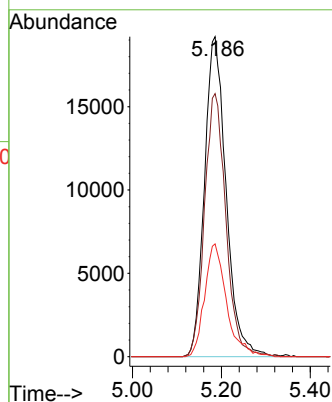
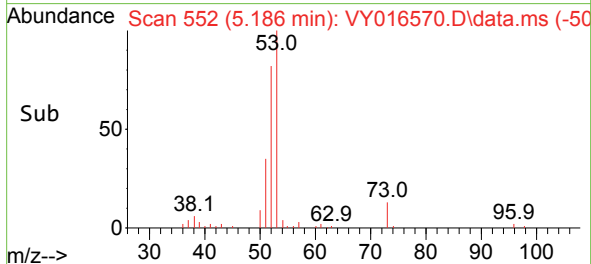


#15
Acrylonitrile
Concen: 265.244 ug/l
RT: 5.186 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

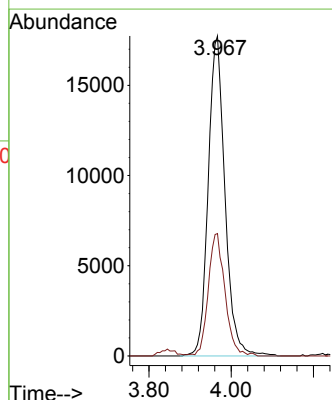
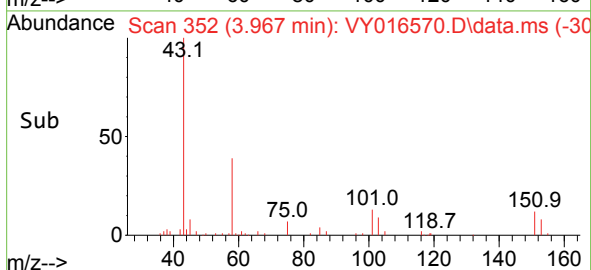
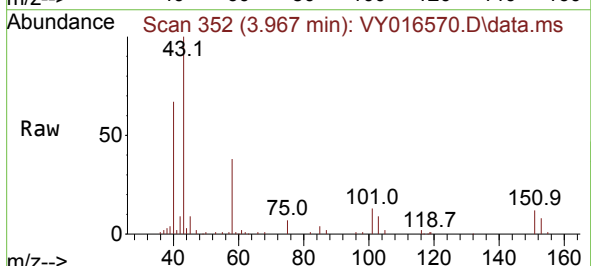


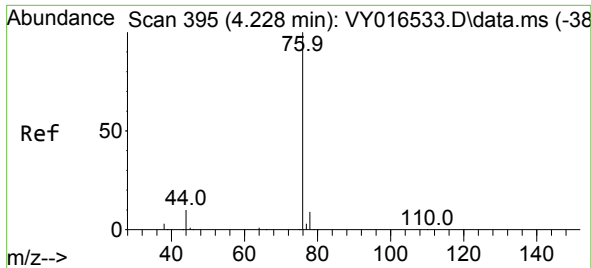
Tgt Ion: 53 Resp: 64974
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 211.585 ug/l
RT: 3.967 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 43 Resp: 50072
Ion Ratio Lower Upper
43 100
58 38.2 22.7 34.1#





#17

Carbon Disulfide

Concen: 47.307 ug/l

RT: 4.217 min Scan# 395

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

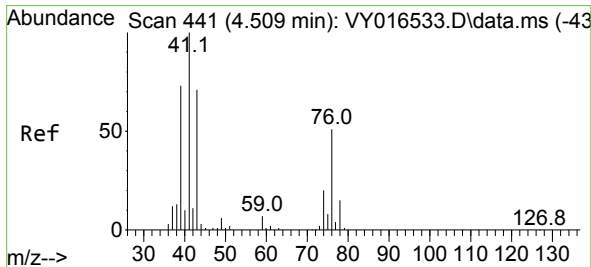
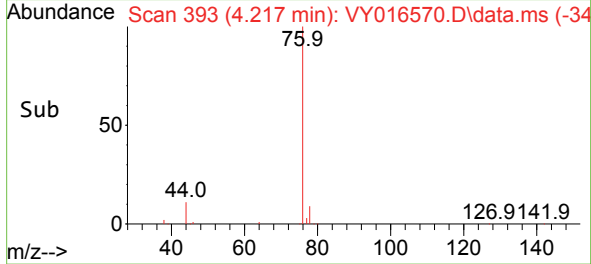
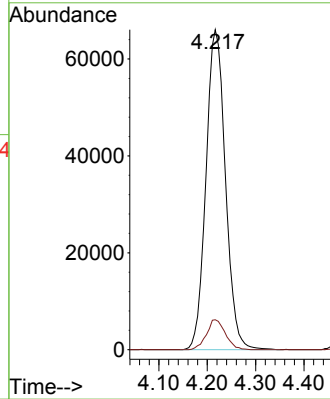
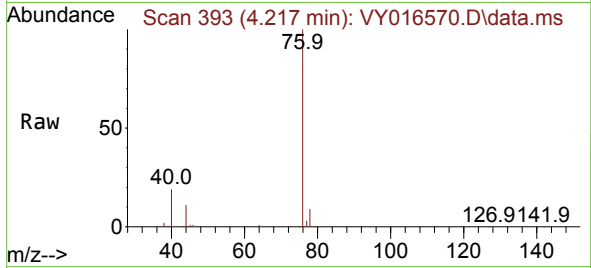
ClientSampleId :

Tgt Ion: 76 Resp: 184548

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 54.977 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.012 min

Lab File: VY016570.D

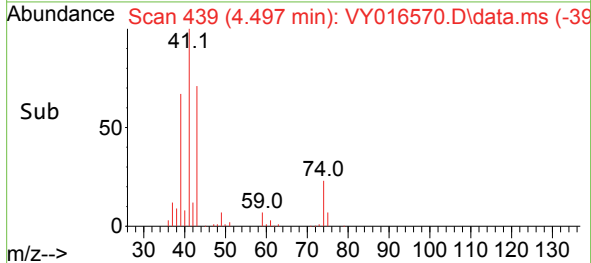
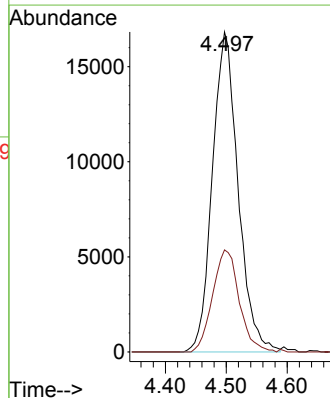
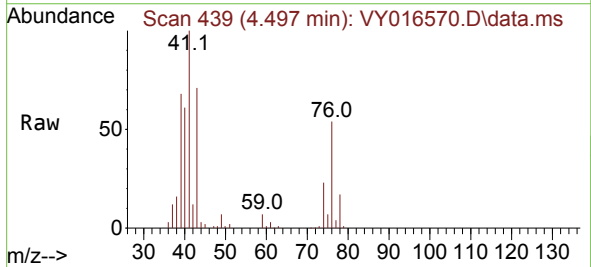
Acq: 01 Dec 2023 18:56

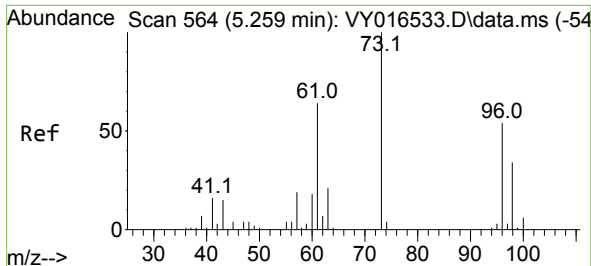
Tgt Ion: 43 Resp: 49351

Ion Ratio Lower Upper

43 100

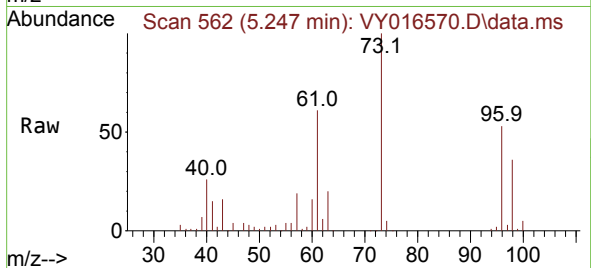
74 32.9 17.4 26.0#



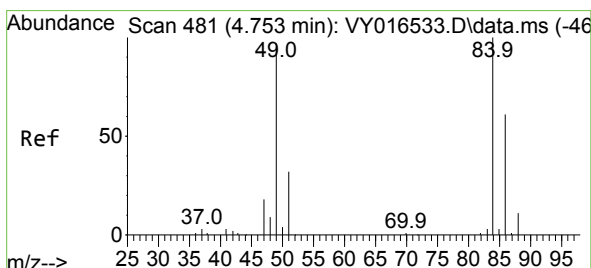
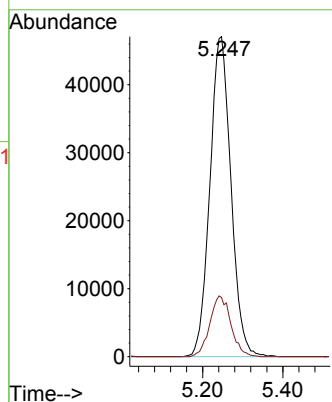
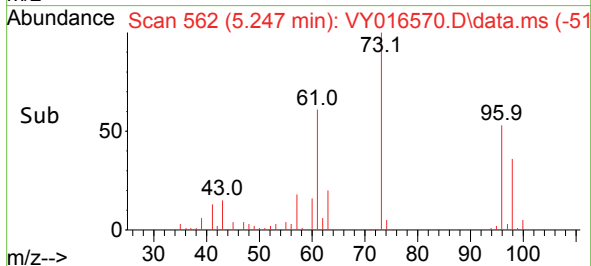


#19
Methyl tert-butyl Ether
Concen: 56.893 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

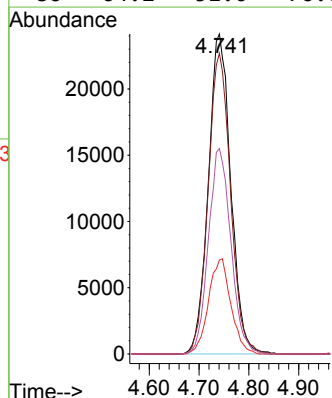
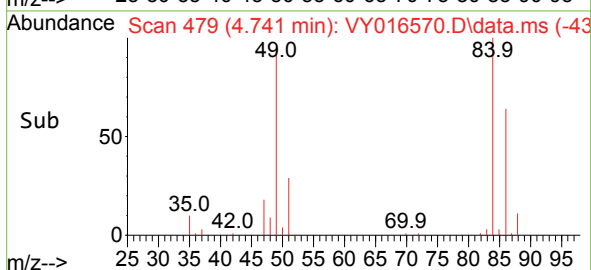
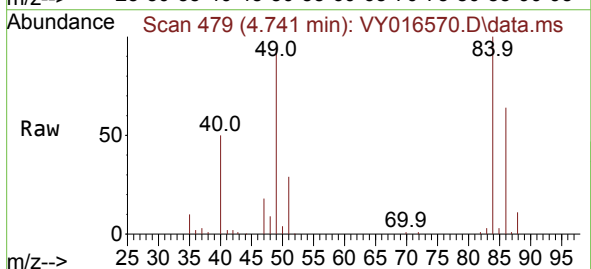


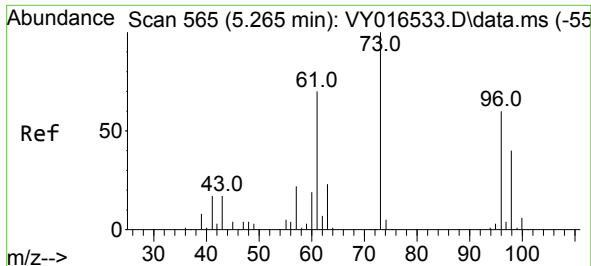
Tgt Ion: 73 Resp: 171429
Ion Ratio Lower Upper
73 100
57 18.5 17.3 25.9



#20
Methylene Chloride
Concen: 53.468 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

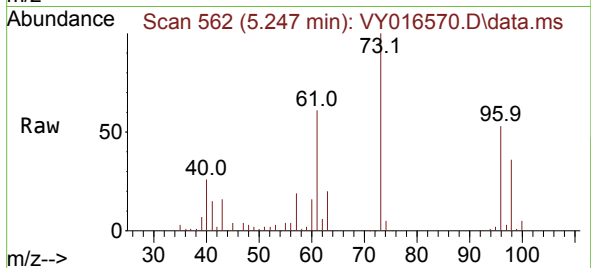
Tgt Ion: 84 Resp: 75559
Ion Ratio Lower Upper
84 100
49 94.0 106.9 160.3#
51 29.4 33.2 49.8#
86 64.2 51.0 76.6



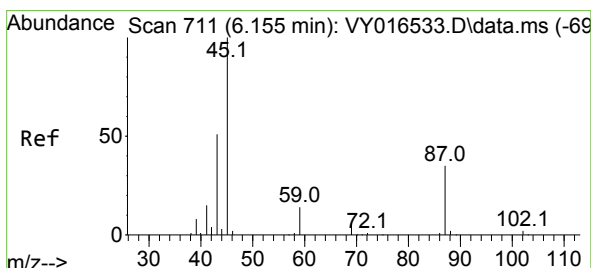
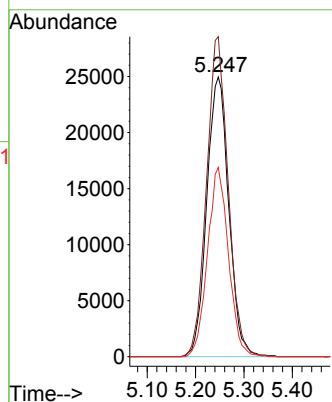
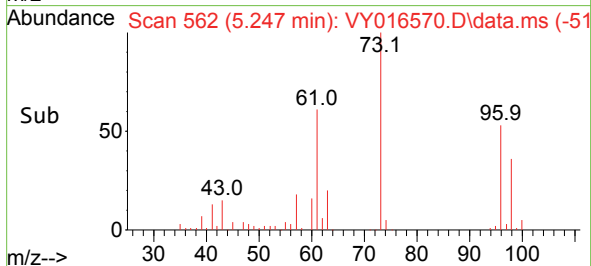


#21
trans-1,2-Dichloroethene
Concen: 51.269 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

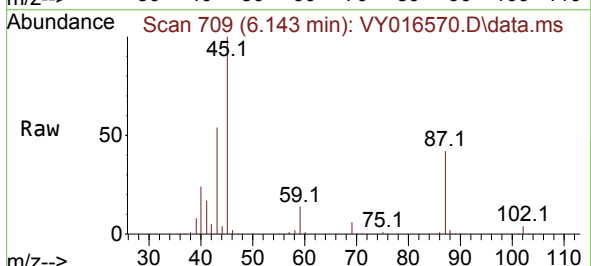
Instrument :
MSVOA_Y
ClientSampleId :



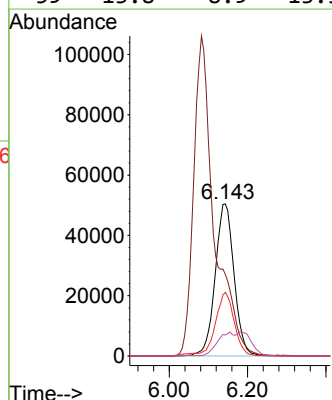
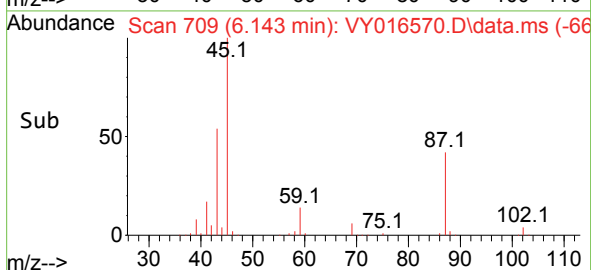
Tgt Ion: 96 Resp: 78955
Ion Ratio Lower Upper
96 100
61 114.4 110.2 165.4
98 67.7 51.8 77.6

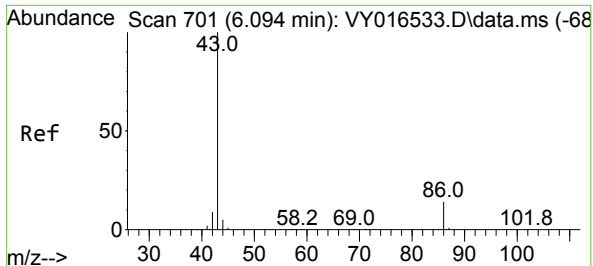


#22
Diisopropyl ether
Concen: 50.725 ug/l
RT: 6.143 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56



Tgt Ion: 45 Resp: 169070
Ion Ratio Lower Upper
45 100
43 53.3 52.2 78.4
87 41.8 21.0 31.6#
59 13.8 8.9 13.3#





#23

Vinyl Acetate

Concen: 253.022 ug/l

RT: 6.082 min Scan# 699

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

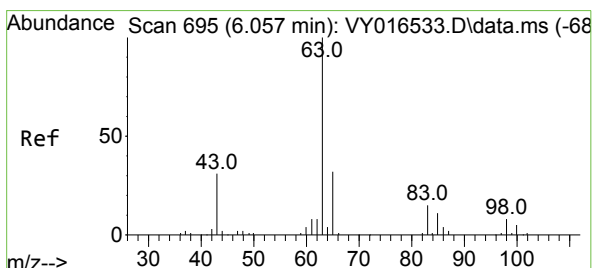
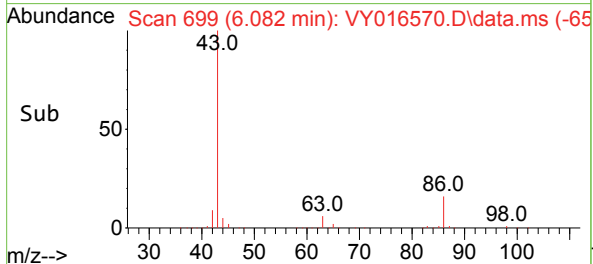
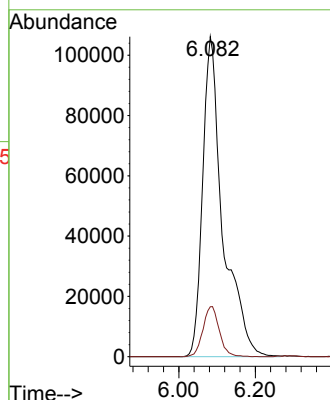
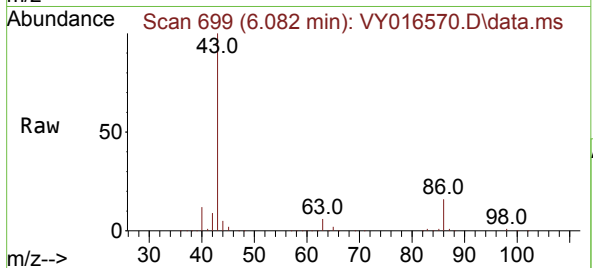
ClientSampleId :

Tgt Ion: 43 Resp: 388910

Ion Ratio Lower Upper

43 100

86 15.6 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 50.185 ug/l

RT: 6.045 min Scan# 693

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

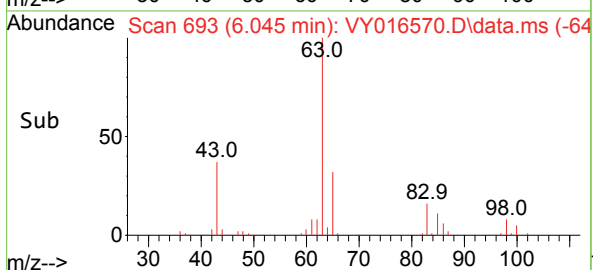
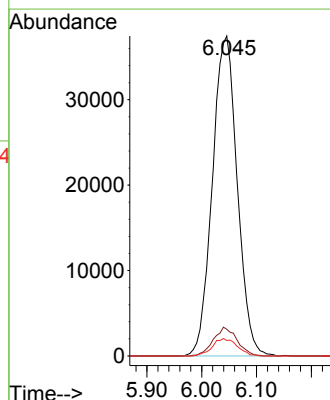
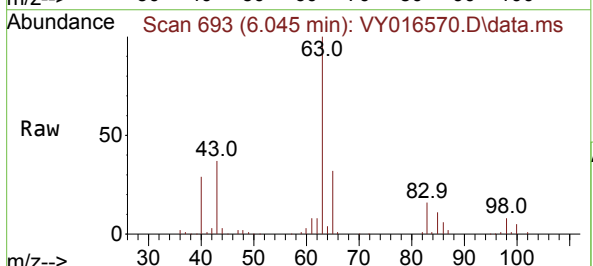
Tgt Ion: 63 Resp: 118047

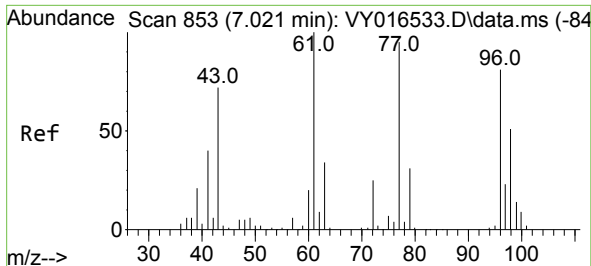
Ion Ratio Lower Upper

63 100

98 8.3 3.1 9.4

100 4.8 1.8 5.5

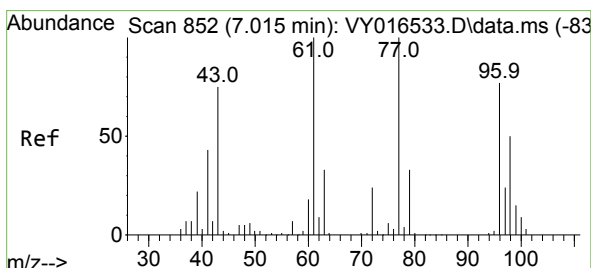
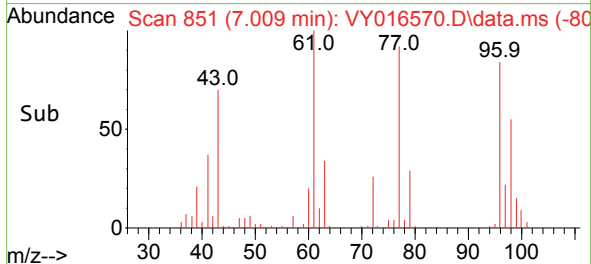
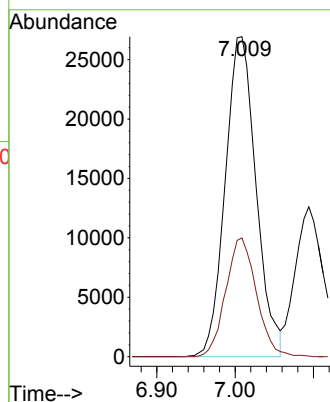
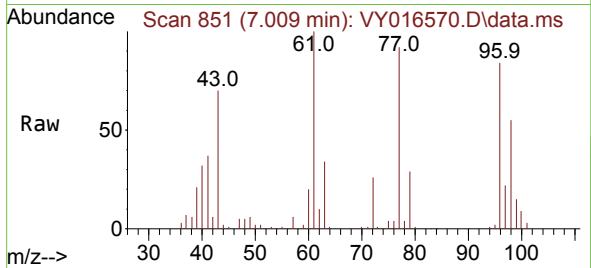




#25
2-Butanone
Concen: 225.500 ug/l
RT: 7.009 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

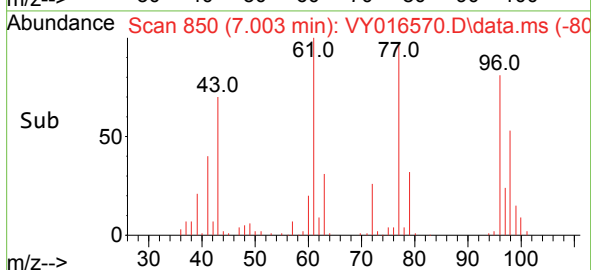
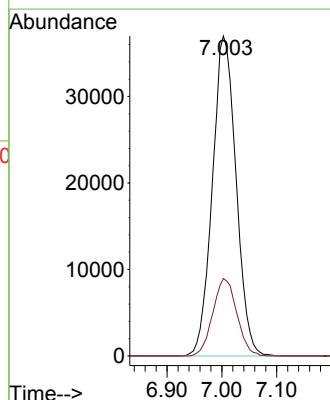
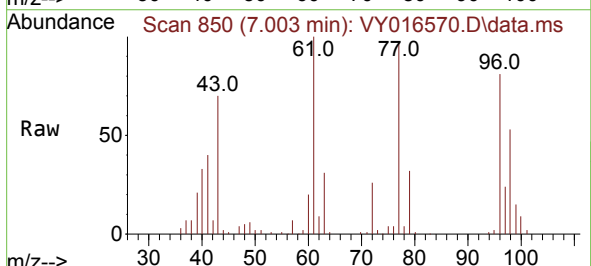
Instrument :
MSVOA_Y
ClientSampleId :

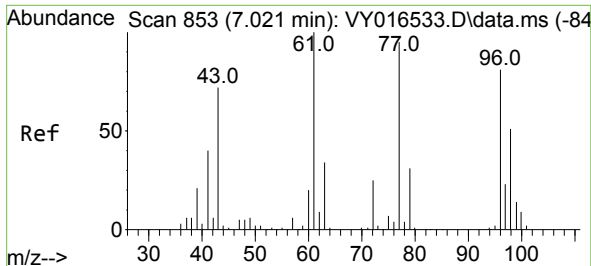
Tgt Ion: 43 Resp: 73782
Ion Ratio Lower Upper
43 100
72 37.1 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 47.744 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 77 Resp: 110998
Ion Ratio Lower Upper
77 100
97 24.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.687 ug/l

RT: 7.009 min Scan# 81

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

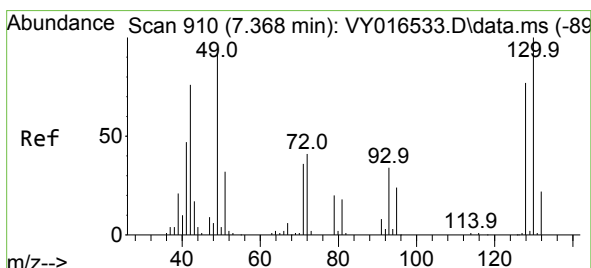
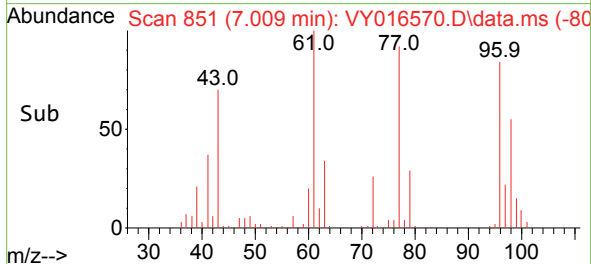
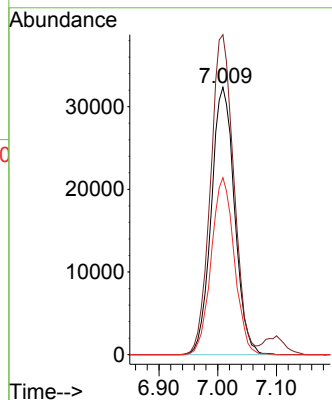
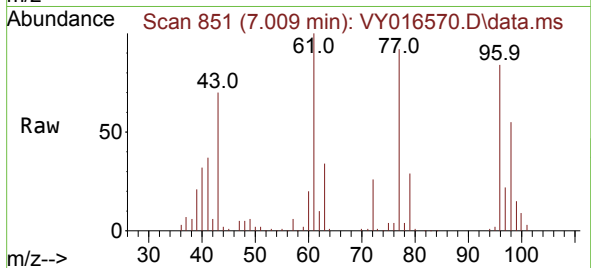
Tgt Ion: 96 Resp: 88827

Ion Ratio Lower Upper

96 100

61 120.0 0.0 301.4

98 65.7 0.0 130.4



#28

Bromochloromethane

Concen: 46.089 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

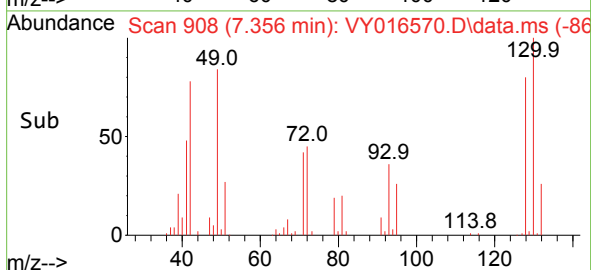
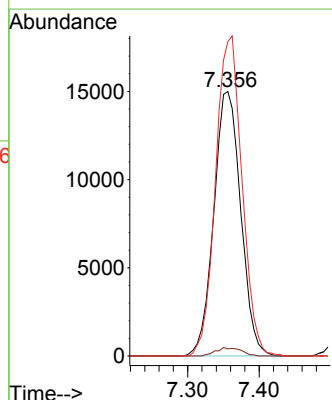
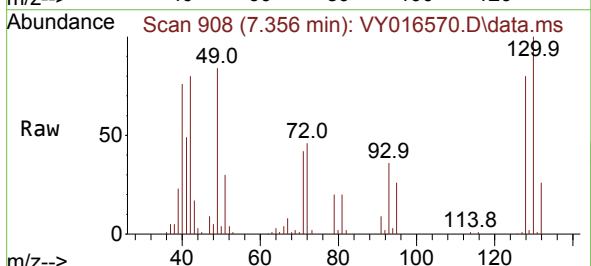
Tgt Ion: 49 Resp: 39181

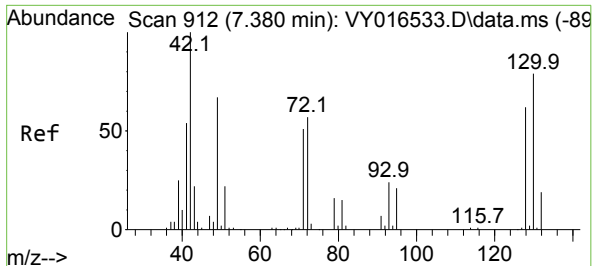
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 118.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 265.649 ug/l

RT: 7.368 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

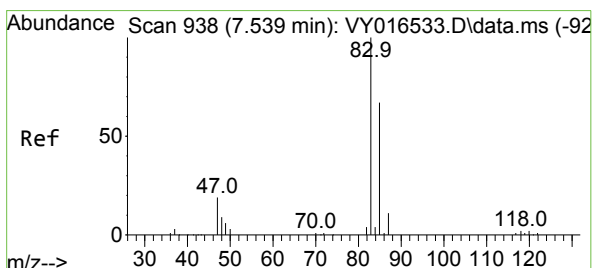
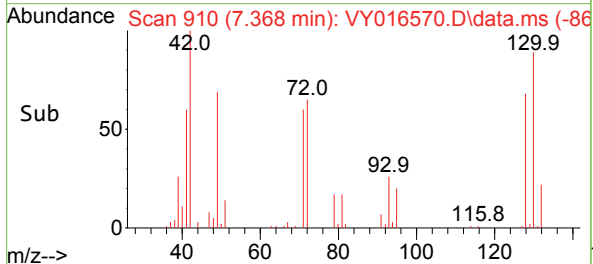
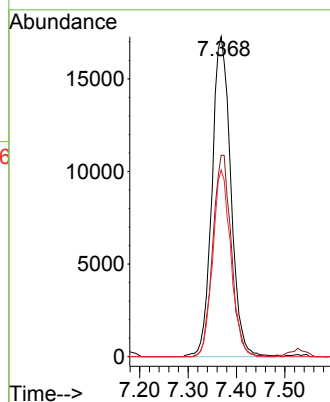
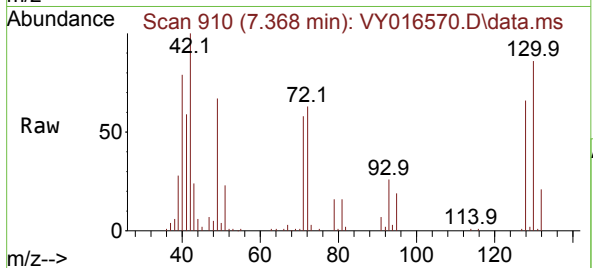
Tgt Ion: 42 Resp: 46694

Ion Ratio Lower Upper

42 100

72 61.9 32.8 49.2#

71 56.3 31.0 46.4#



#30

Chloroform

Concen: 53.482 ug/l

RT: 7.527 min Scan# 936

Delta R.T. -0.012 min

Lab File: VY016570.D

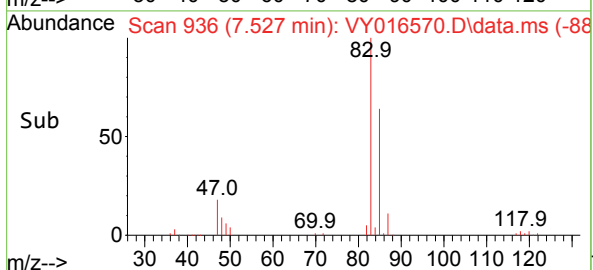
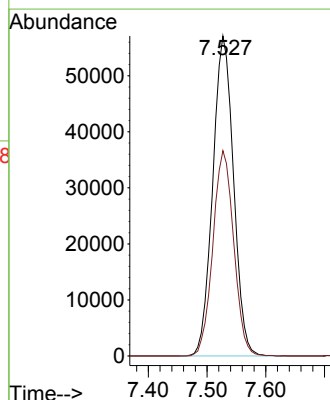
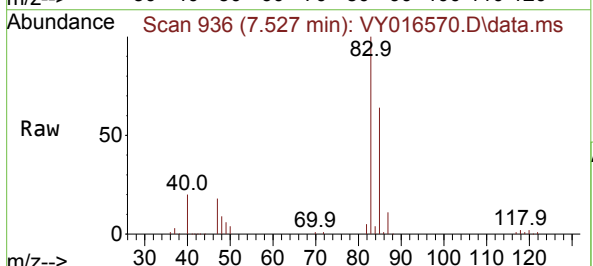
Acq: 01 Dec 2023 18:56

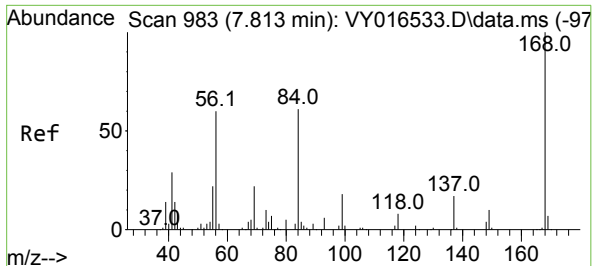
Tgt Ion: 83 Resp: 140217

Ion Ratio Lower Upper

83 100

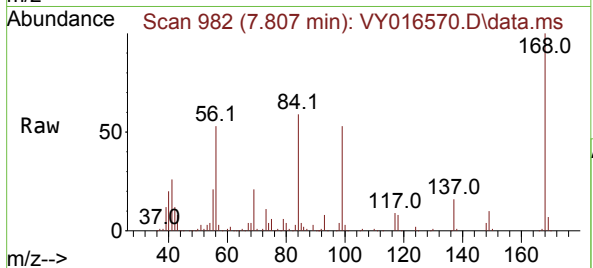
85 64.1 49.7 74.5



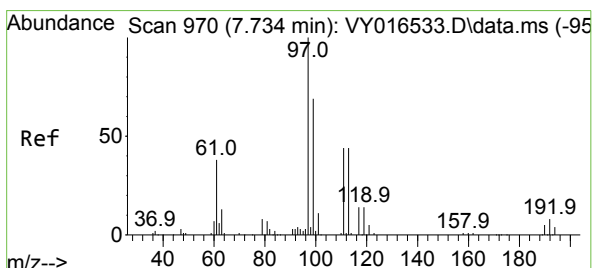
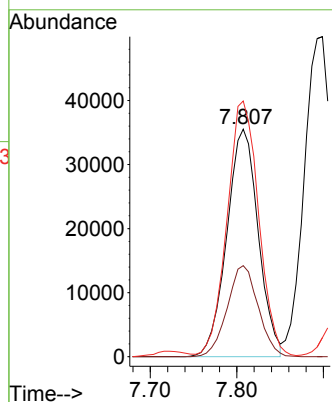
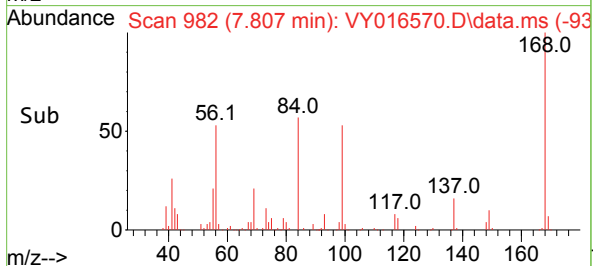


#31
Cyclohexane
Concen: 42.090 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

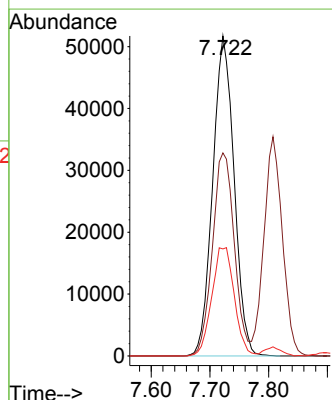
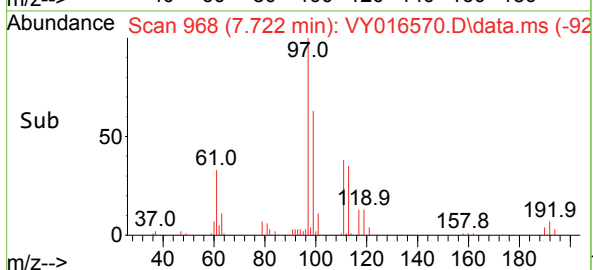
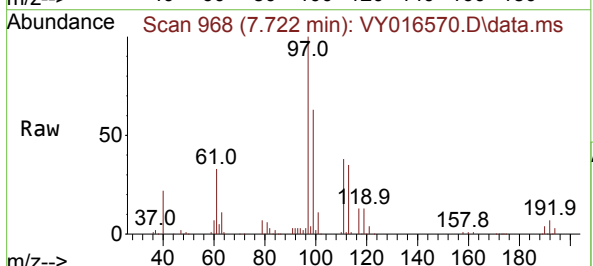


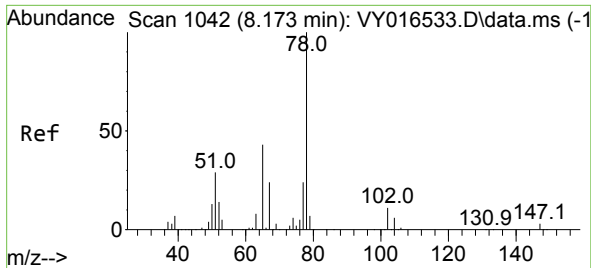
Tgt Ion: 56 Resp: 89610
Ion Ratio Lower Upper
56 100
69 40.0 27.8 41.6
84 110.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 51.345 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 97 Resp: 130448
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 35.8 35.1 52.7

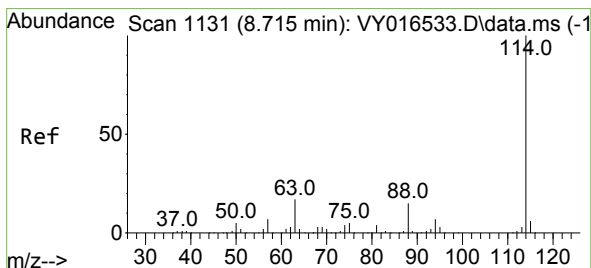
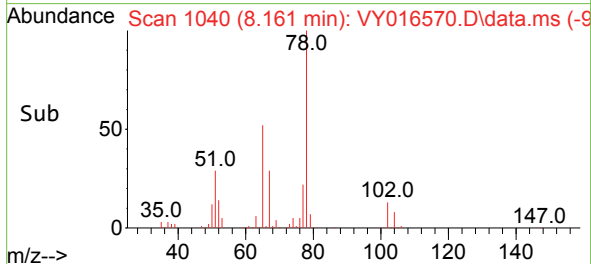
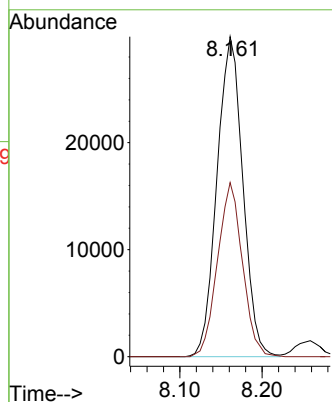
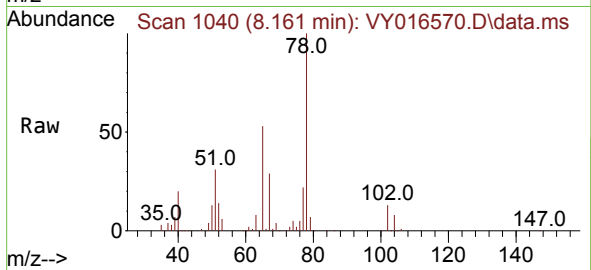




#33
 1,2-Dichloroethane-d4
 Concen: 53.908 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

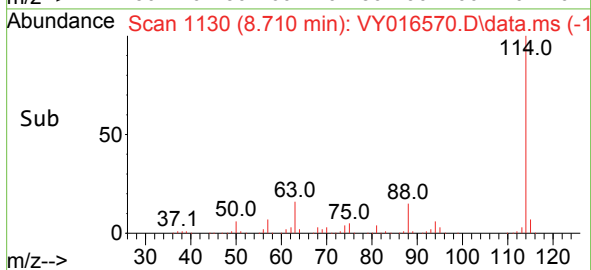
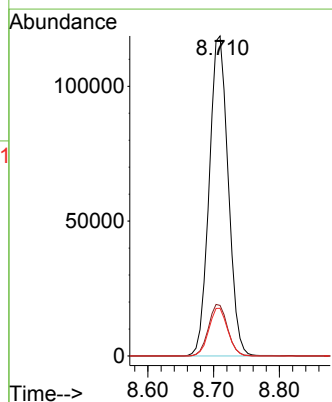
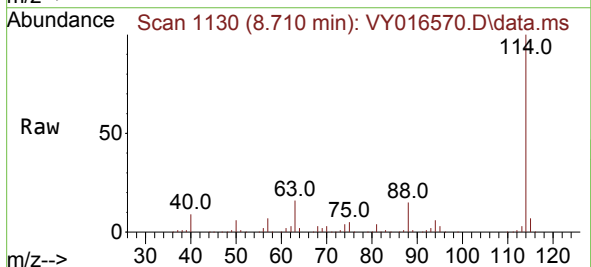
Instrument :
 MSVOA_Y
 ClientSampleId :

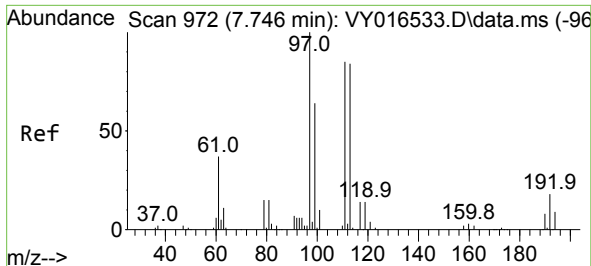
Tgt Ion: 65 Resp: 65375
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

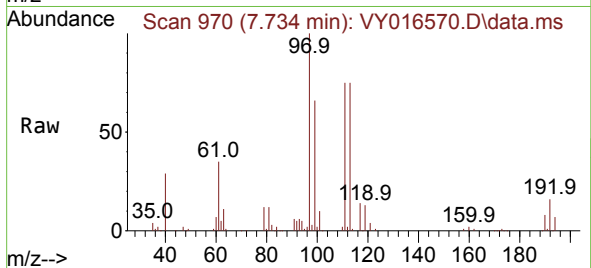
Tgt Ion: 114 Resp: 238293
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 42.4
 88 14.9 0.0 30.6



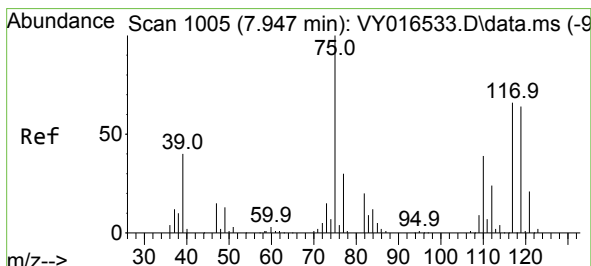
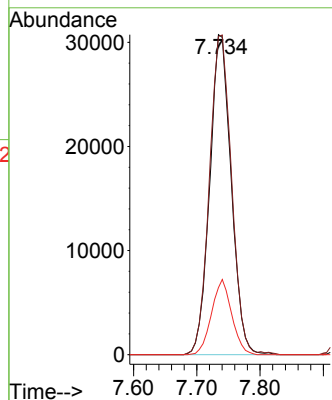
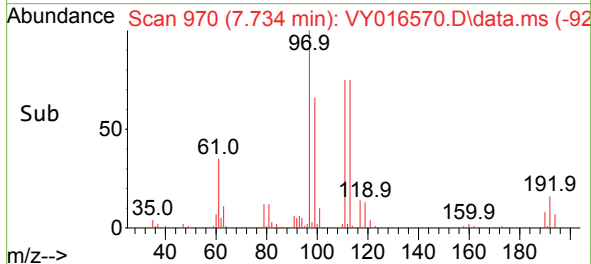


#35
Dibromofluoromethane
Concen: 51.717 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

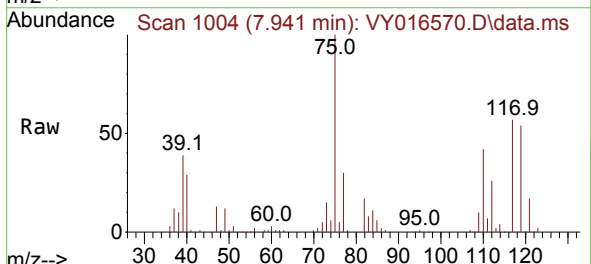
Instrument :
MSVOA_Y
ClientSampleId :



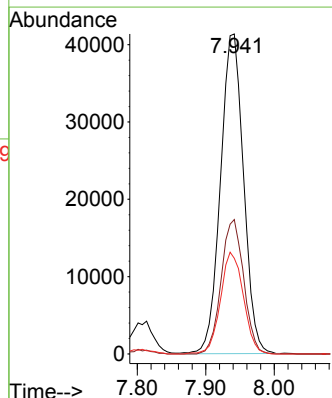
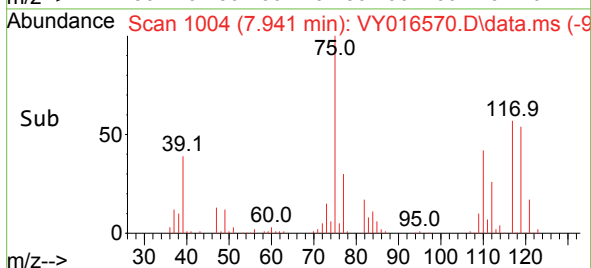
Tgt Ion:113 Resp: 72330
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 22.1 16.9 25.3

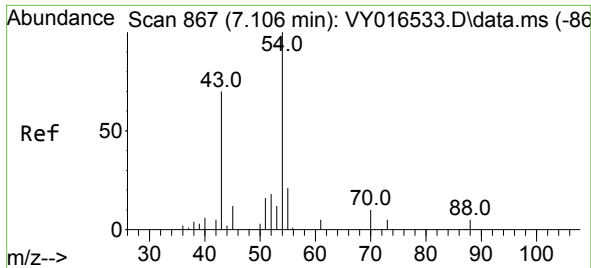


#36
1,1-Dichloropropene
Concen: 46.783 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56



Tgt Ion: 75 Resp: 96618
Ion Ratio Lower Upper
75 100
110 41.0 17.8 53.5
77 31.6 24.4 36.6

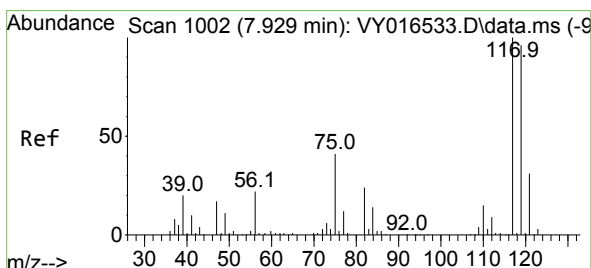
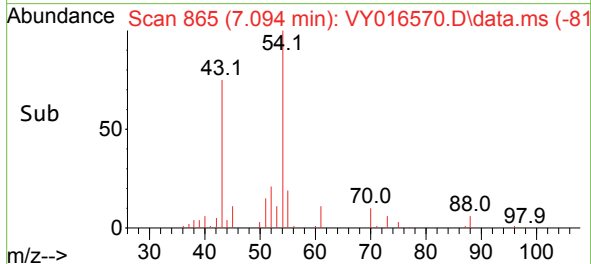
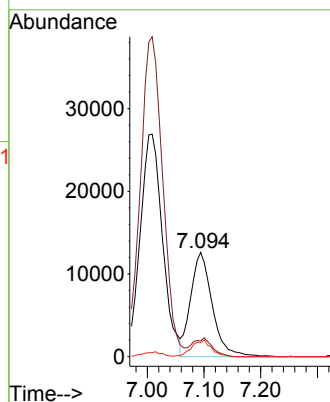
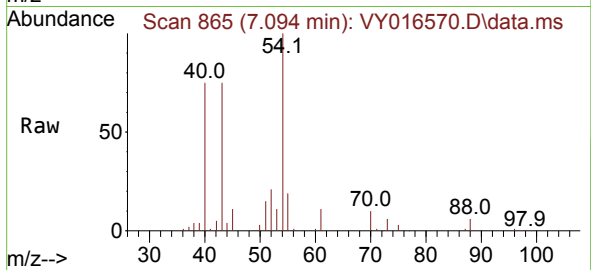




#37
Ethyl Acetate
Concen: 51.610 ug/l
RT: 7.094 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

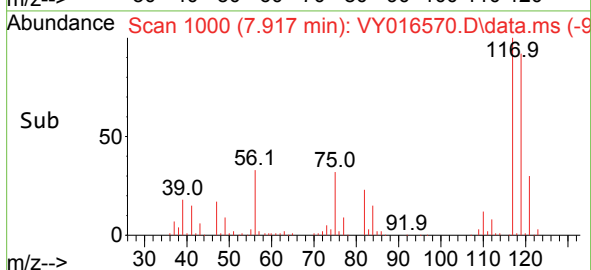
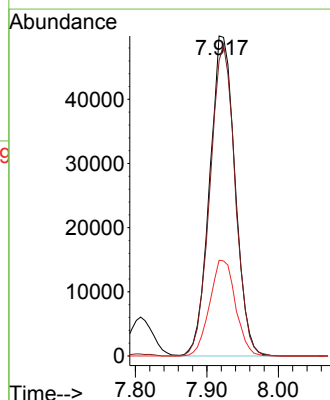
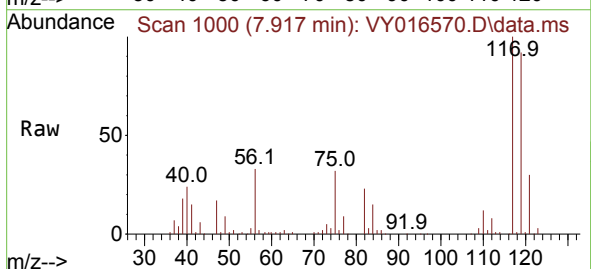
Instrument :
MSVOA_Y
ClientSampleId :

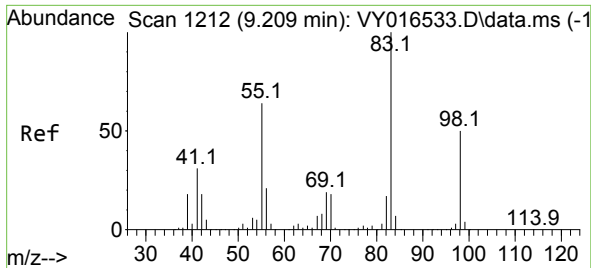
Tgt Ion: 43 Resp: 33407
Ion Ratio Lower Upper
43 100
61 16.2 10.1 15.1#
70 14.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 50.656 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 117 Resp: 122789
Ion Ratio Lower Upper
117 100
119 92.3 76.4 114.6
121 29.9 25.8 38.6

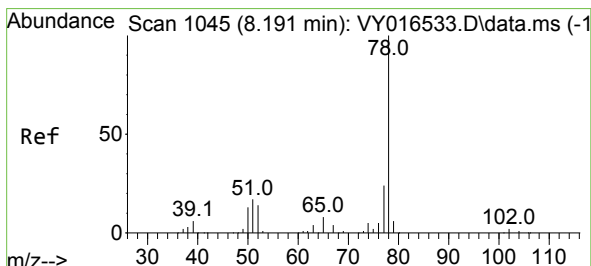
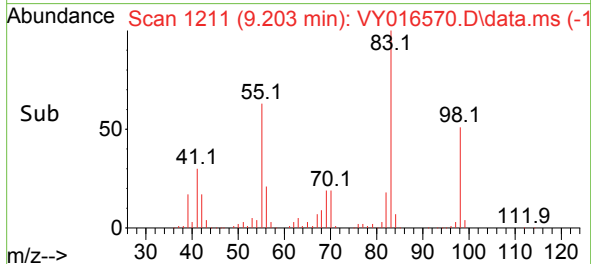
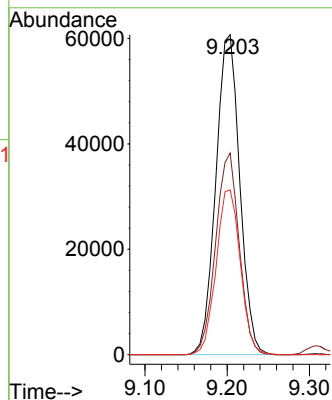
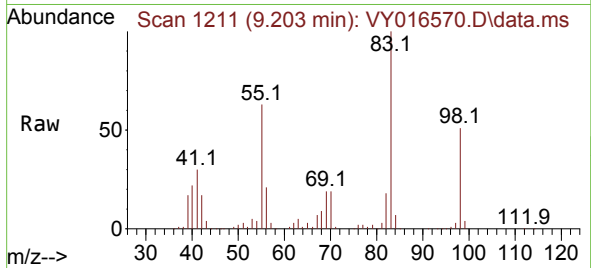




#39
Methylcyclohexane
Concen: 47.788 ug/l
RT: 9.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

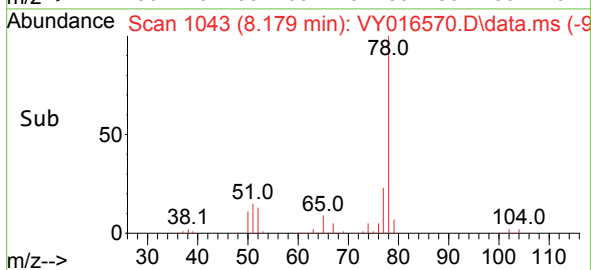
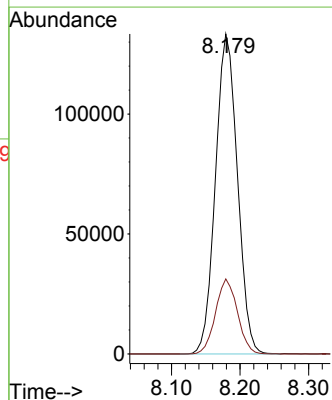
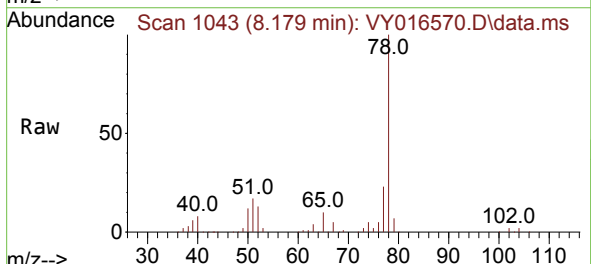
Instrument :
MSVOA_Y
ClientSampleId :

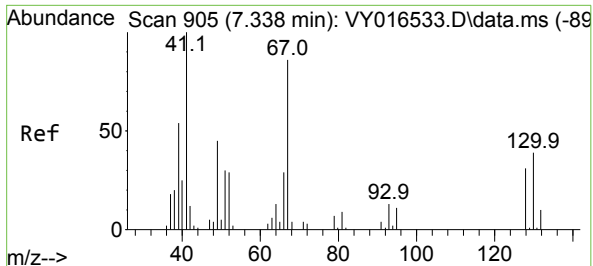
Tgt Ion: 83 Resp: 123103
Ion Ratio Lower Upper
83 100
55 63.0 63.0 94.4
98 51.5 37.4 56.2



#40
Benzene
Concen: 50.642 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

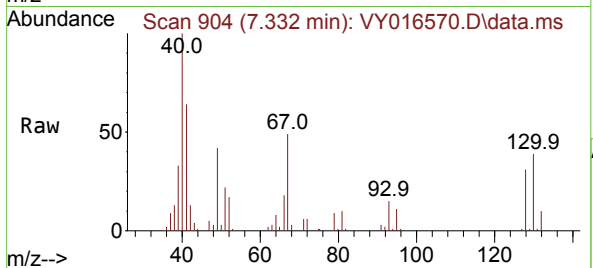
Tgt Ion: 78 Resp: 296547
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



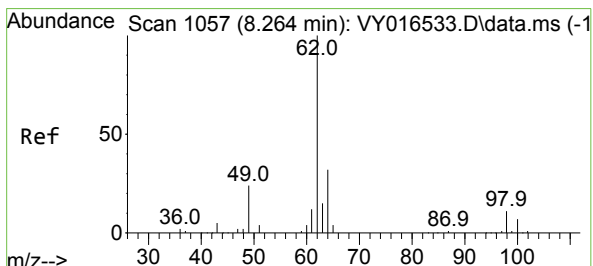
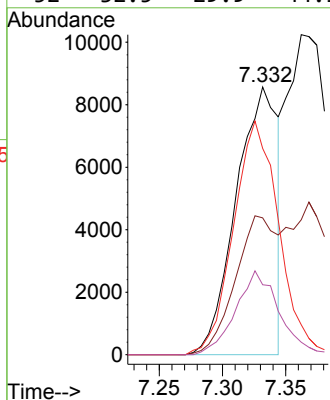
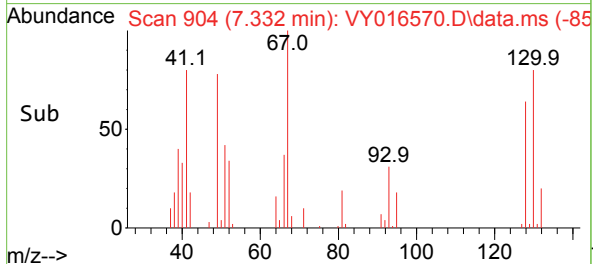


#41
Methacrylonitrile
Concen: 57.716 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

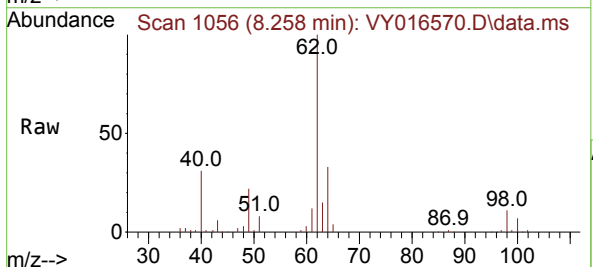
Instrument :
MSVOA_Y
ClientSampleId :



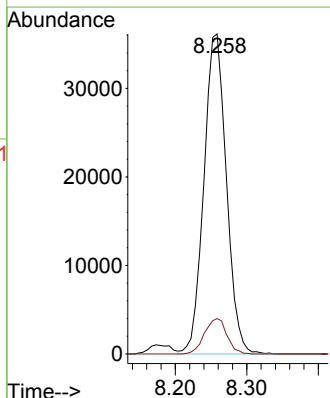
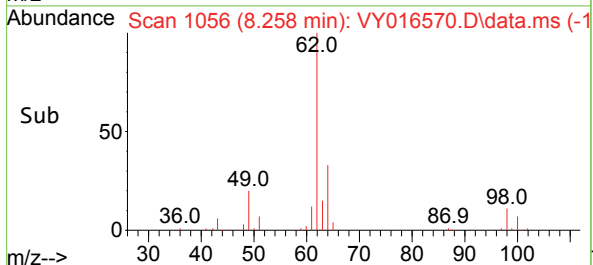
Tgt Ion: 41 Resp: 19680
Ion Ratio Lower Upper
41 100
39 51.7 52.1 78.1#
67 95.2 66.2 99.2
52 32.5 29.9 44.9

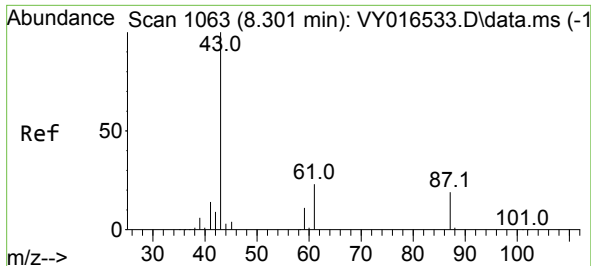


#42
1,2-Dichloroethane
Concen: 54.482 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56



Tgt Ion: 62 Resp: 79058
Ion Ratio Lower Upper
62 100
98 11.0 0.0 15.8

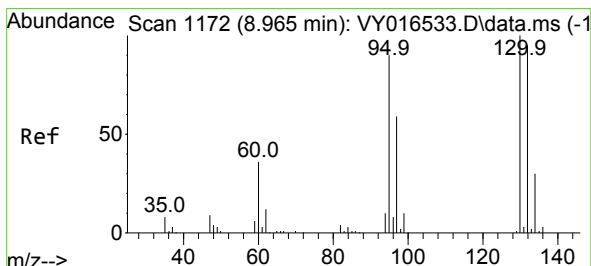
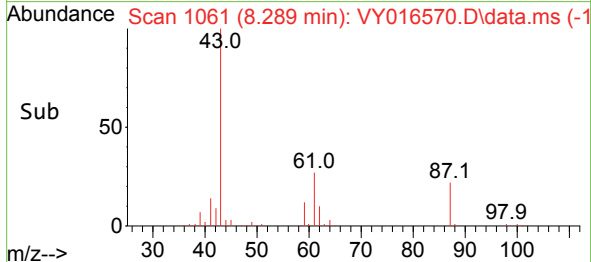
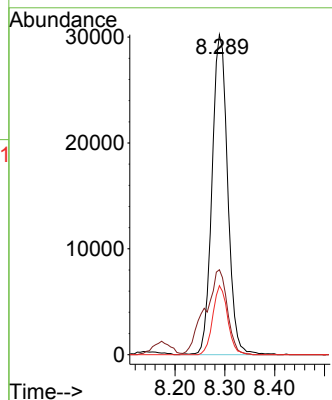
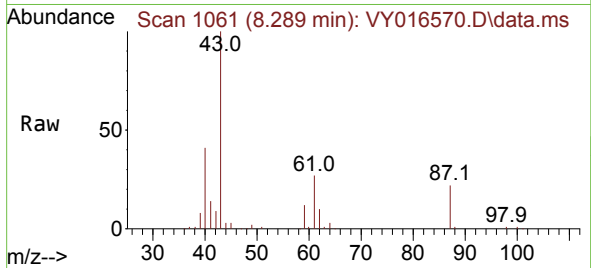




#43
Isopropyl Acetate
Concen: 51.730 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

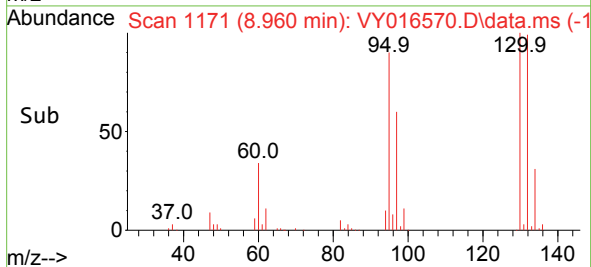
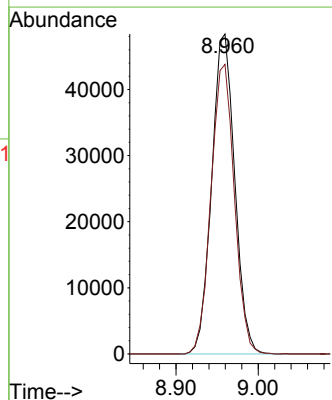
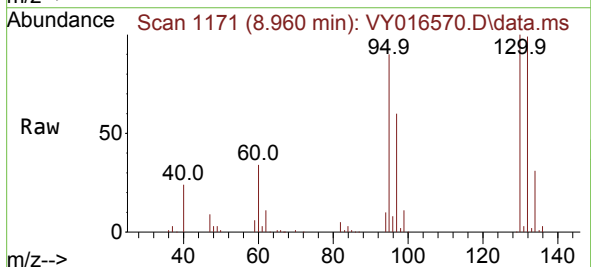
Instrument :
MSVOA_Y
ClientSampleId :

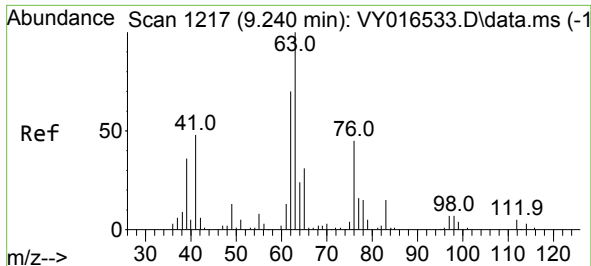
Tgt Ion: 43 Resp: 65845
Ion Ratio Lower Upper
43 100
61 37.6 21.1 31.7#
87 20.5 9.8 14.8#



#44
Trichloroethene
Concen: 52.250 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion:130 Resp: 94241
Ion Ratio Lower Upper
130 100
95 90.5 0.0 196.0

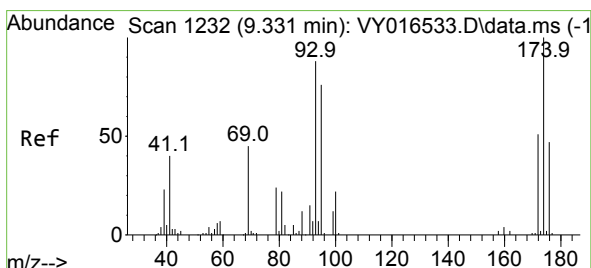
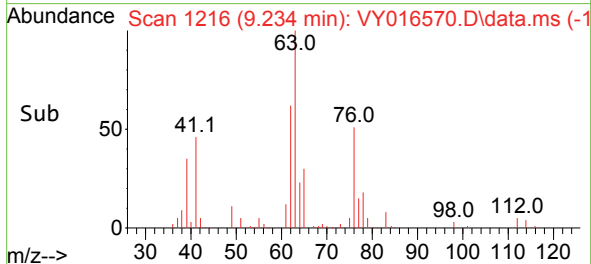
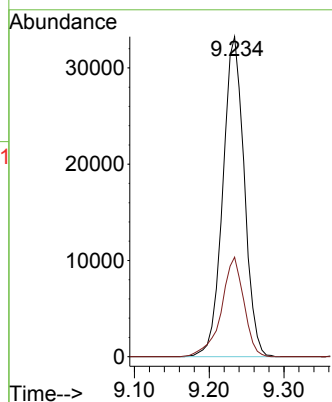
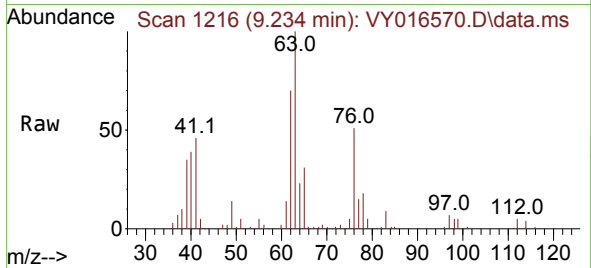




#45
1,2-Dichloropropane
Concen: 50.092 ug/l
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

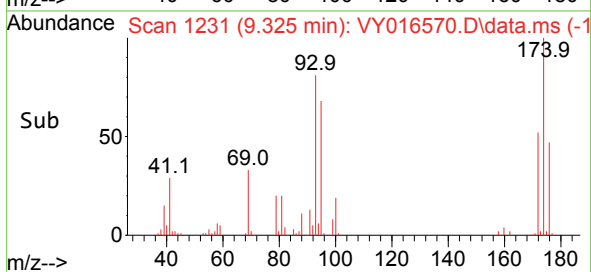
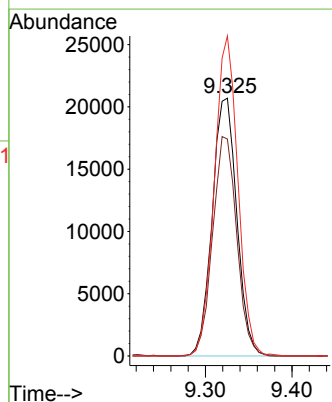
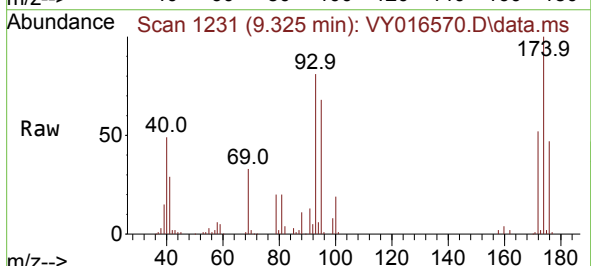
Instrument :
MSVOA_Y
ClientSampleId :

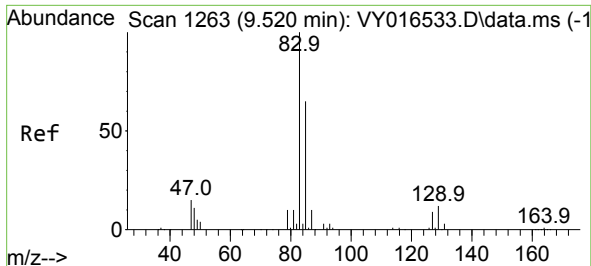
Tgt Ion: 63 Resp: 66188
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6



#46
Dibromomethane
Concen: 54.981 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 93 Resp: 40850
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 118.5 84.8 127.2

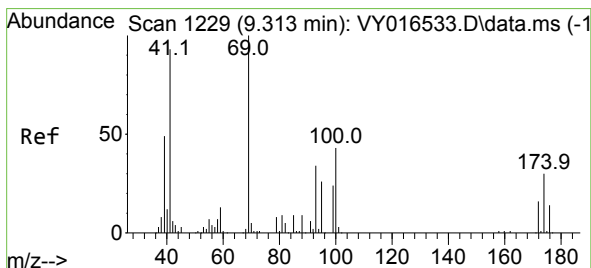
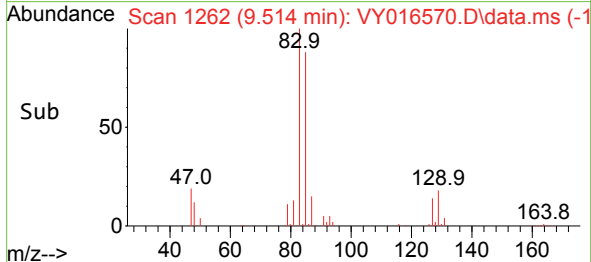
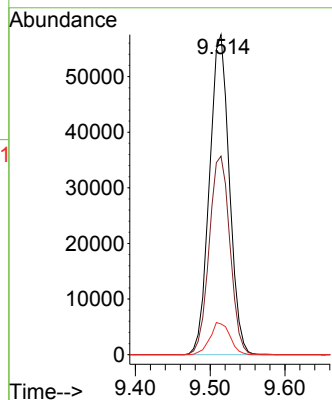
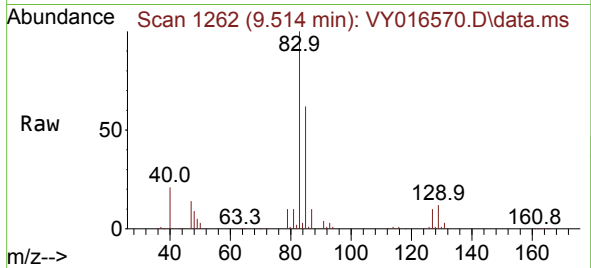




#47
 Bromodichloromethane
 Concen: 54.198 ug/l
 RT: 9.514 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

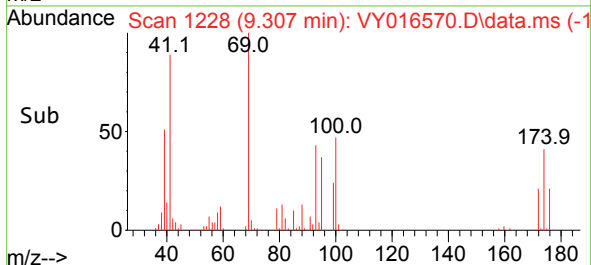
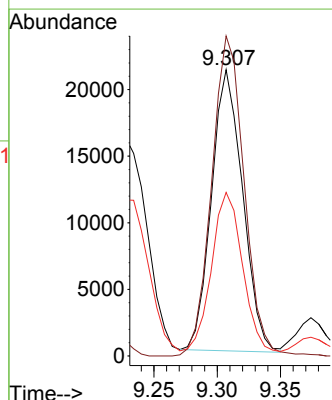
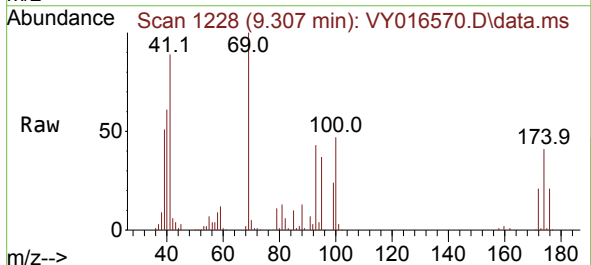
Instrument :
 MSVOA_Y
 ClientSampleId :

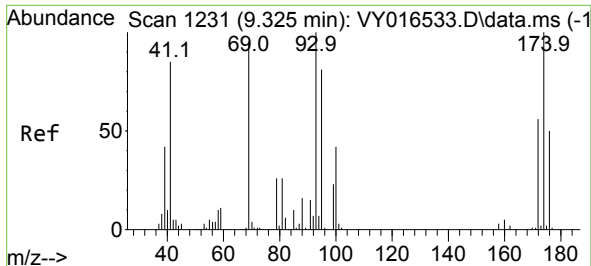
Tgt Ion: 83 Resp: 106316
 Ion Ratio Lower Upper
 83 100
 85 62.1 50.1 75.1
 127 9.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 50.558 ug/l
 RT: 9.307 min Scan# 1228
 Delta R.T. -0.006 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

Tgt Ion: 41 Resp: 36129
 Ion Ratio Lower Upper
 41 100
 69 118.9 64.5 96.7#
 39 60.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1260.261 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

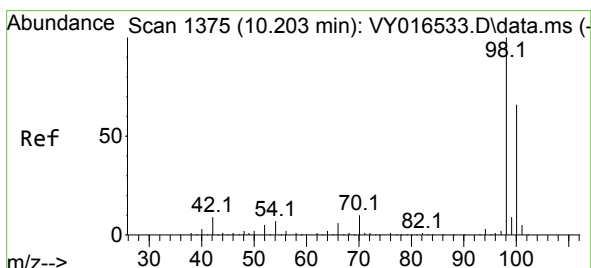
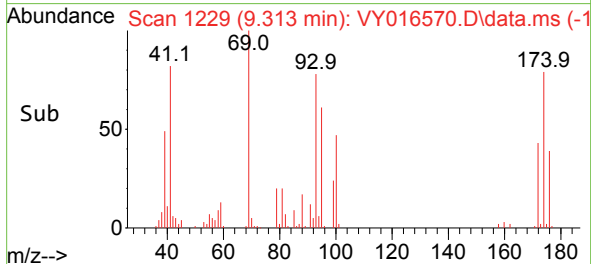
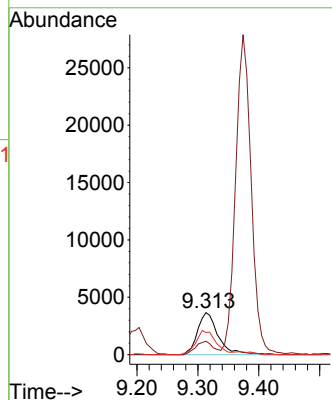
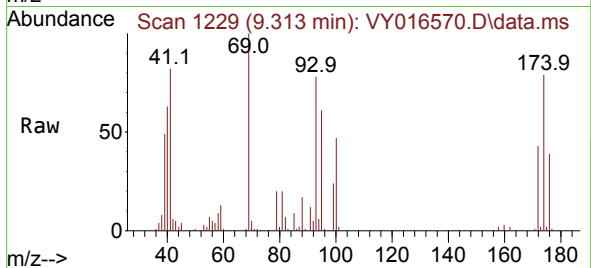
Tgt Ion: 88 Resp: 8679

Ion Ratio Lower Upper

88 100

43 27.8 0.0 0.0#

58 55.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.816 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY016570.D

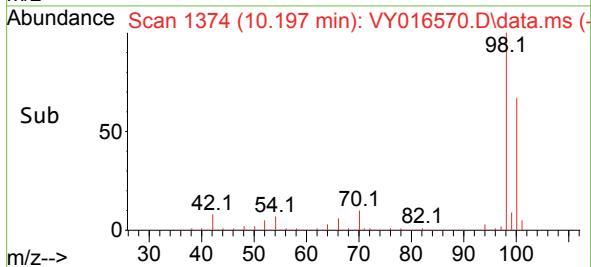
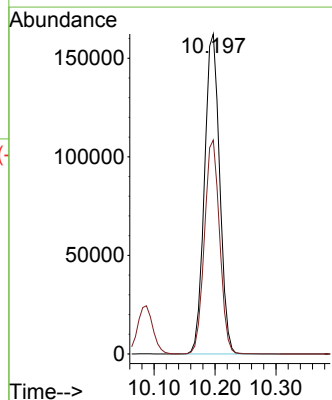
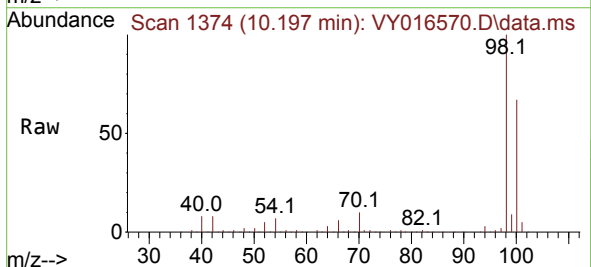
Acq: 01 Dec 2023 18:56

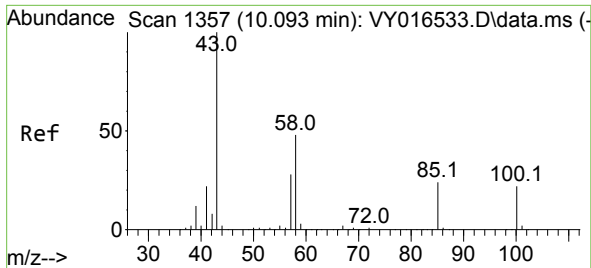
Tgt Ion: 98 Resp: 281068

Ion Ratio Lower Upper

98 100

100 66.8 50.1 75.1

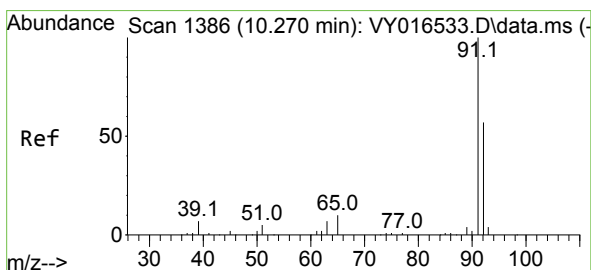
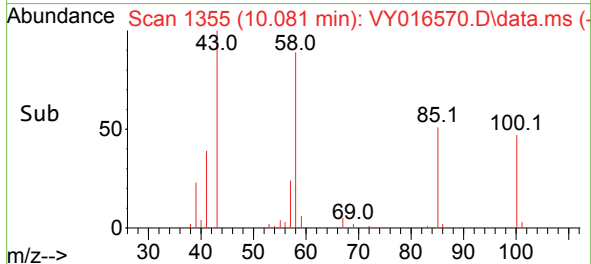
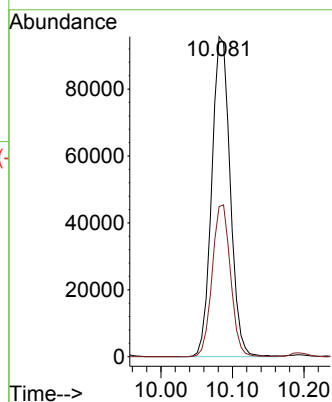
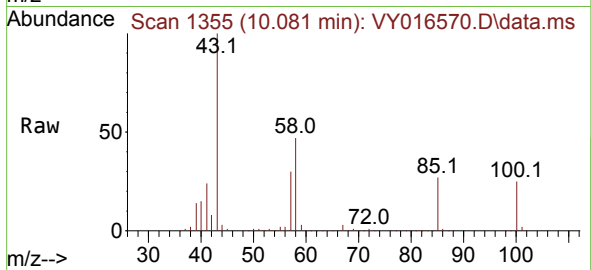




#51
4-Methyl-2-Pentanone
Concen: 257.889 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

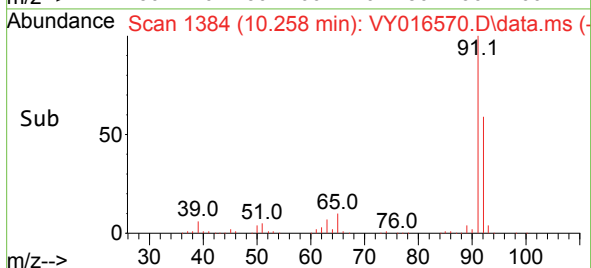
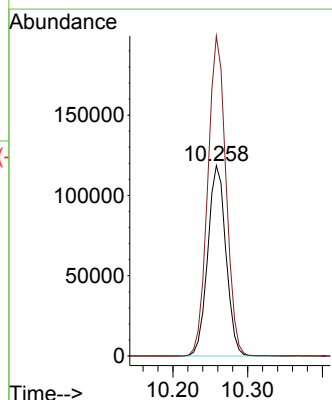
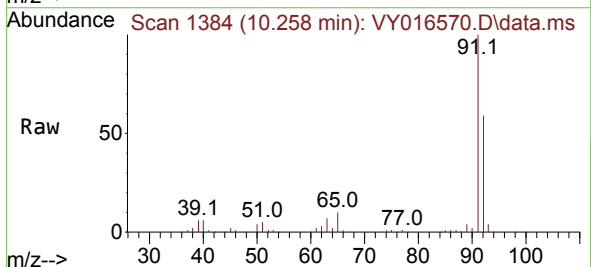
Instrument :
MSVOA_Y
ClientSampleId :

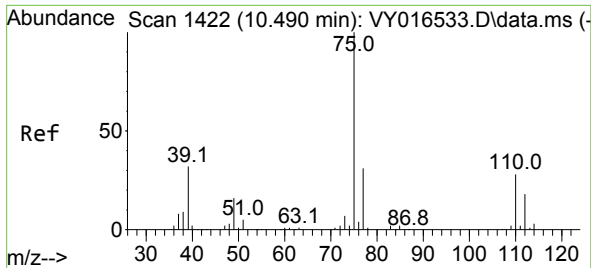
Tgt Ion: 43 Resp: 171245
Ion Ratio Lower Upper
43 100
58 47.3 29.0 43.6#



#52
Toluene
Concen: 53.193 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 92 Resp: 200092
Ion Ratio Lower Upper
92 100
91 168.4 143.8 215.6

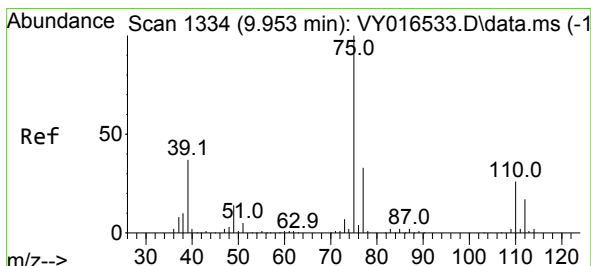
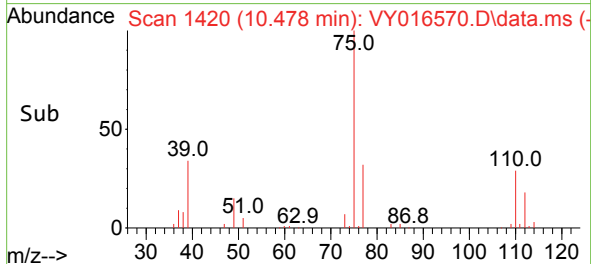
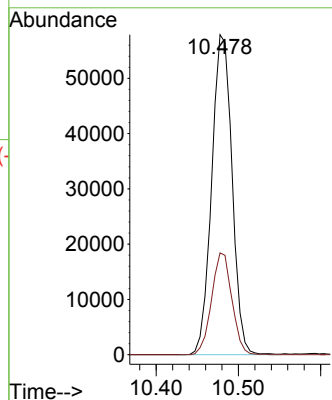
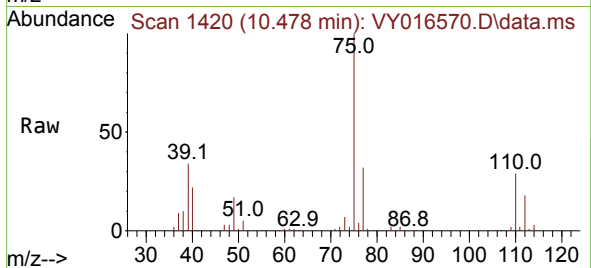




#53
t-1,3-Dichloropropene
Concen: 54.778 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

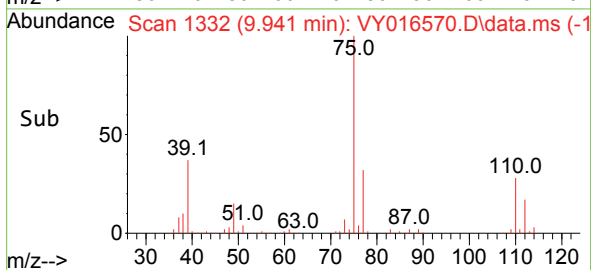
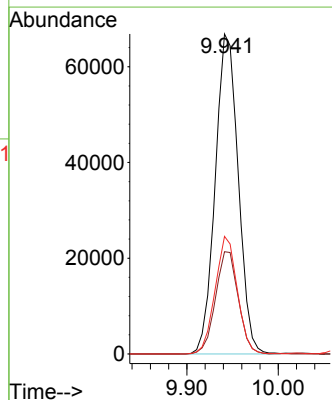
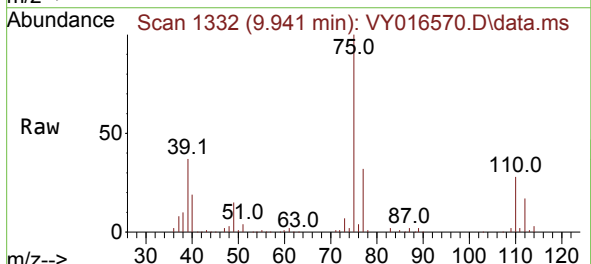
Instrument :
MSVOA_Y
ClientSampleId :

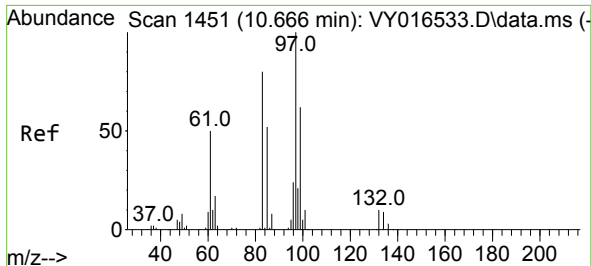
Tgt Ion: 75 Resp: 99573
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 53.114 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 75 Resp: 116995
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 36.8 42.2 63.4#

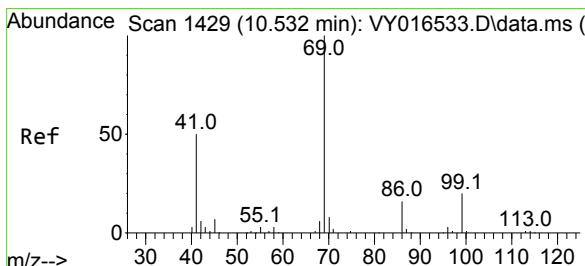
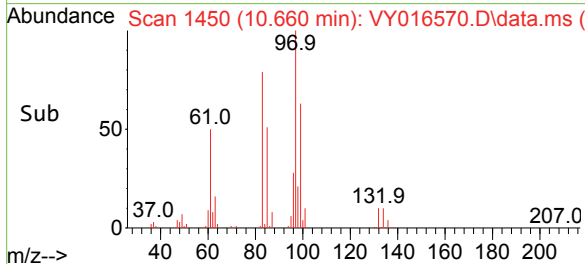
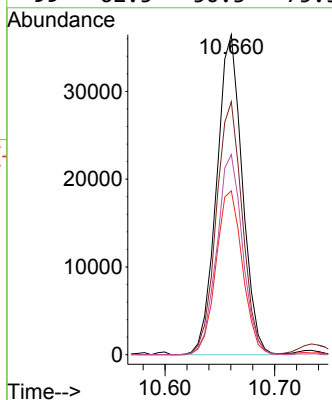
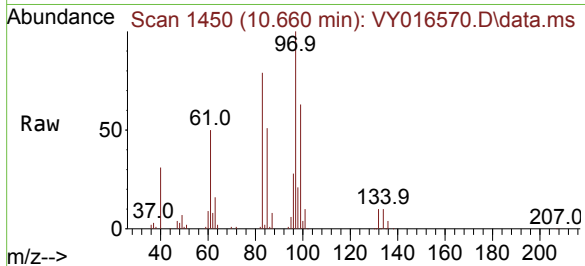




#55
1,1,2-Trichloroethane
Concen: 55.413 ug/l
RT: 10.660 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

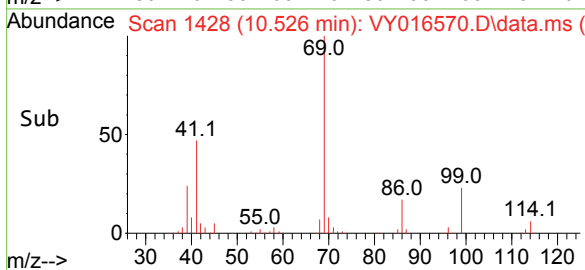
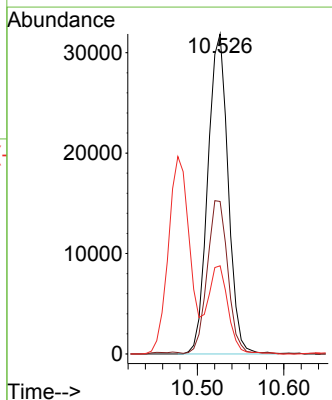
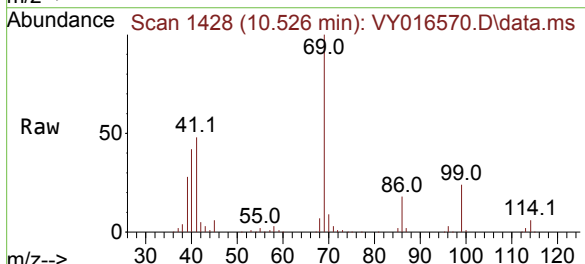
Instrument :
MSVOA_Y
ClientSampleId :

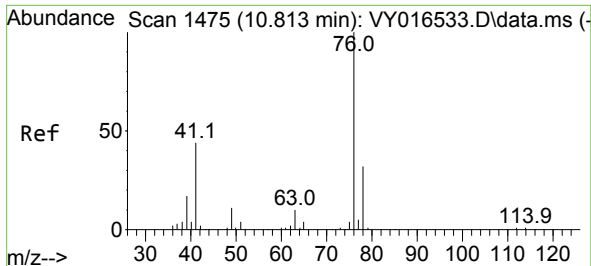
Tgt Ion: 97	Resp: 59409
Ion Ratio	Lower Upper
97 100	
83 79.0	72.0 108.0
85 51.2	45.4 68.0
99 62.5	50.3 75.5



#56
Ethyl methacrylate
Concen: 57.148 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 69	Resp: 51850
Ion Ratio	Lower Upper
69 100	
41 49.2	57.6 86.4#
39 27.9	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 54.595 ug/l

RT: 10.807 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

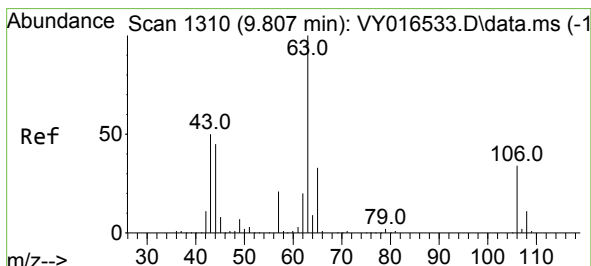
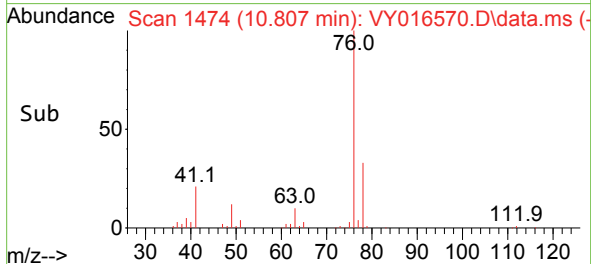
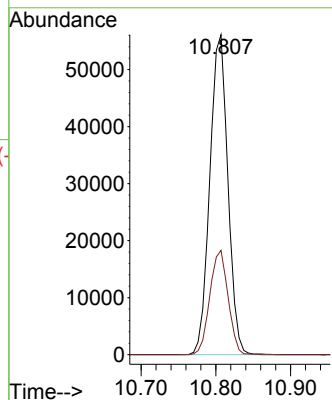
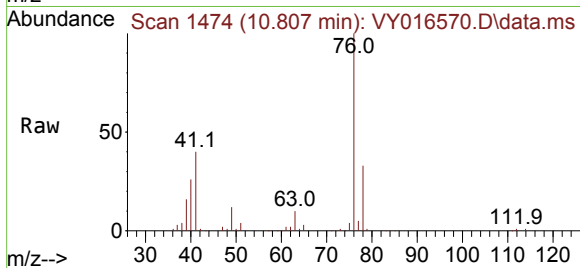
ClientSampleId :

Tgt Ion: 76 Resp: 94282

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 268.989 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.012 min

Lab File: VY016570.D

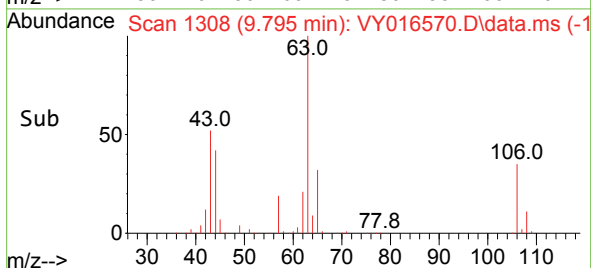
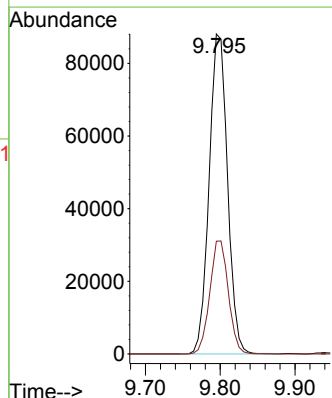
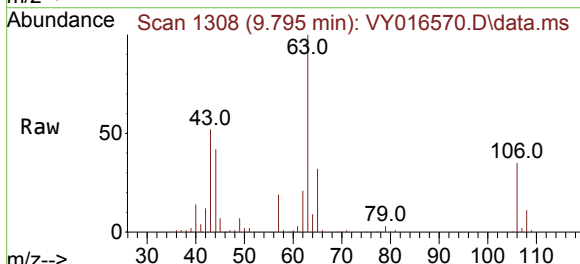
Acq: 01 Dec 2023 18:56

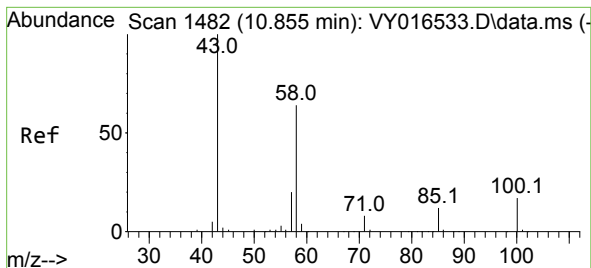
Tgt Ion: 63 Resp: 150915

Ion Ratio Lower Upper

63 100

106 35.6 21.2 31.8#

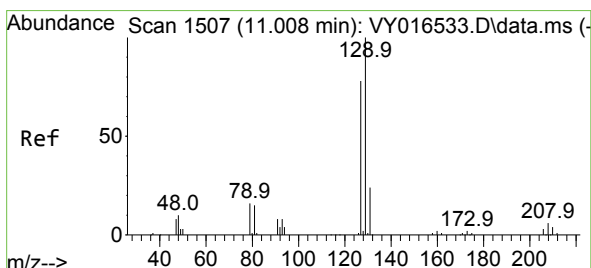
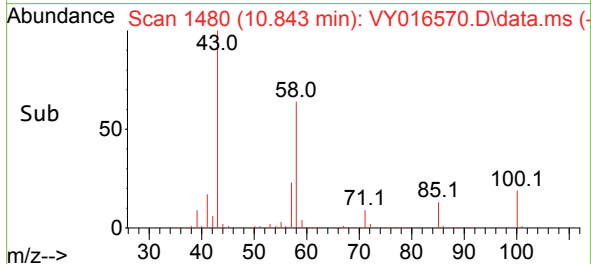
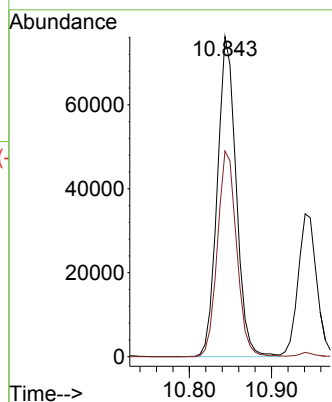
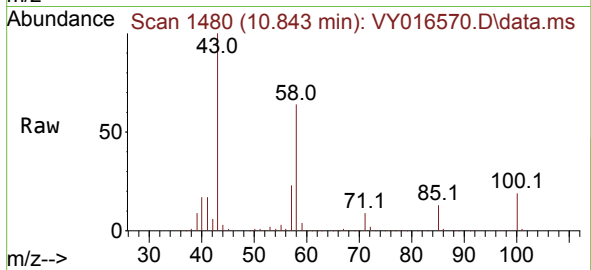




#59
2-Hexanone
Concen: 231.230 ug/l
RT: 10.843 min Scan# 1482
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

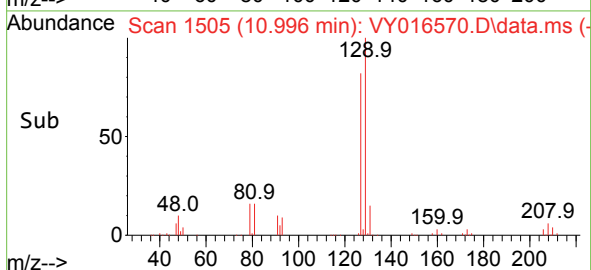
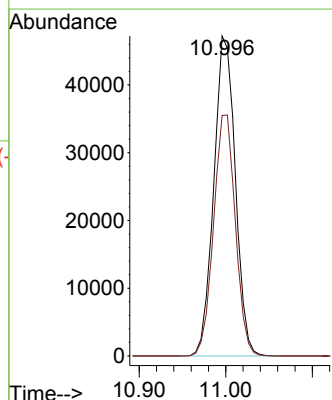
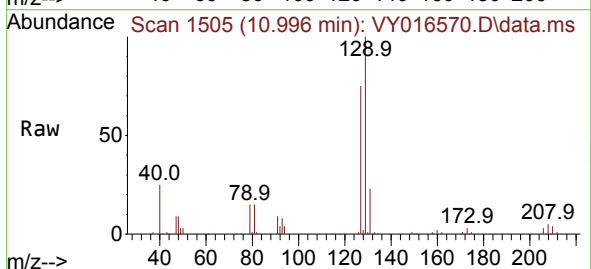
Instrument :
MSVOA_Y
ClientSampleId :

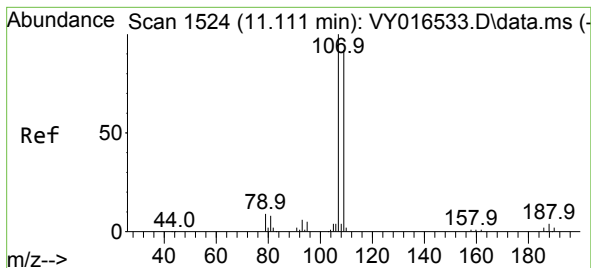
Tgt Ion: 43 Resp: 121283
Ion Ratio Lower Upper
43 100
58 65.6 25.1 75.3



#60
Dibromochloromethane
Concen: 58.146 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 129 Resp: 81482
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 55.860 ug/l

RT: 11.099 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

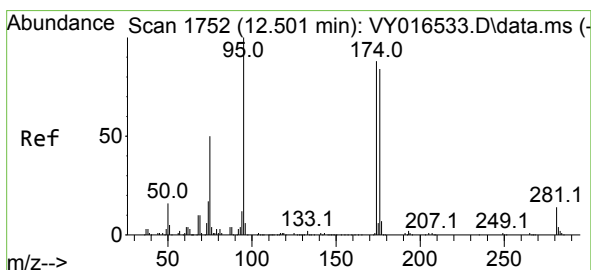
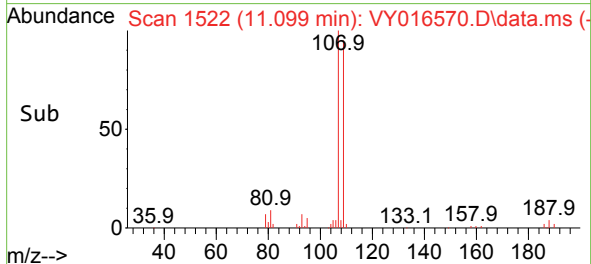
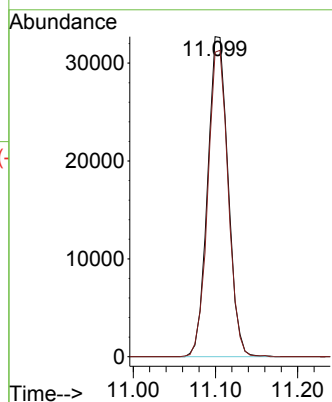
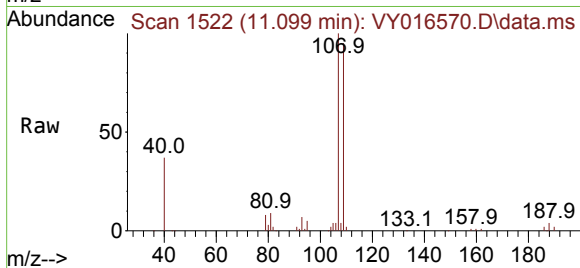
ClientSampleId :

Tgt Ion:107 Resp: 56555

Ion Ratio Lower Upper

107 100

109 95.3 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 55.220 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

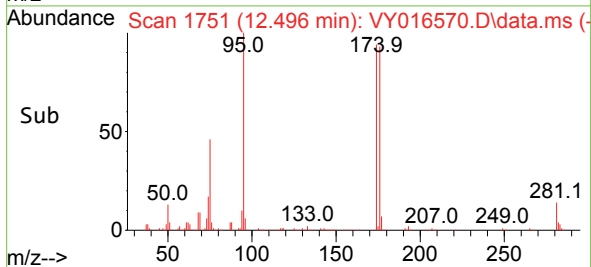
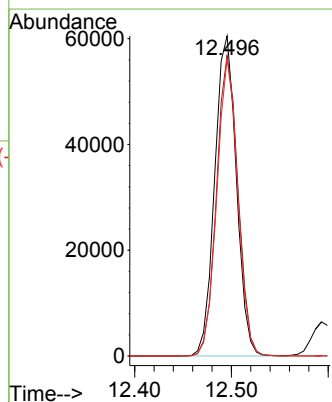
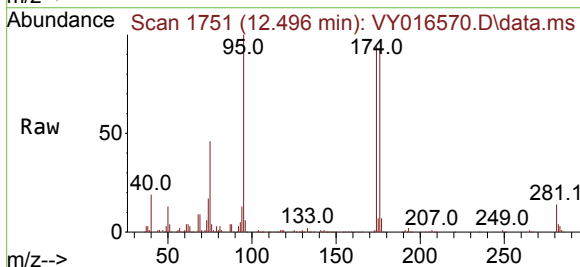
Tgt Ion: 95 Resp: 93965

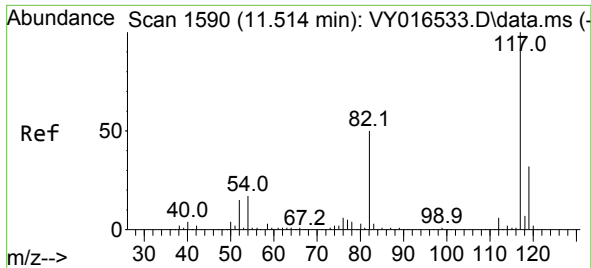
Ion Ratio Lower Upper

95 100

174 93.1 0.0 178.2

176 89.8 0.0 173.8

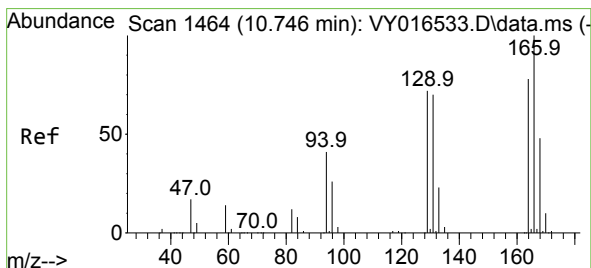
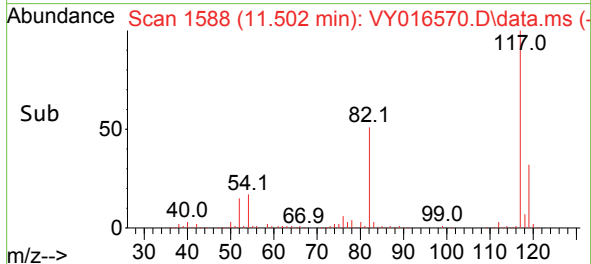
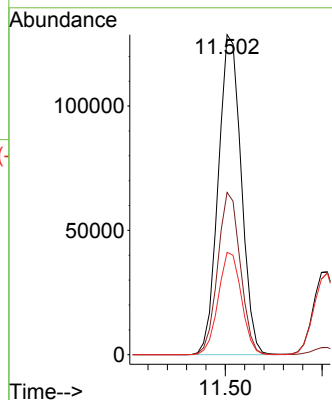
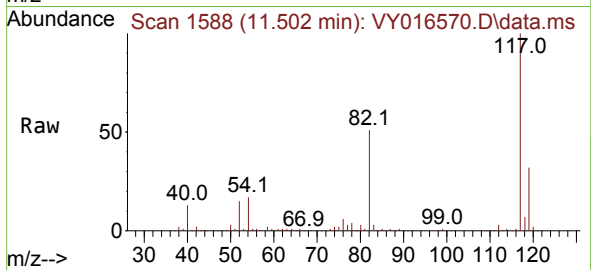




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

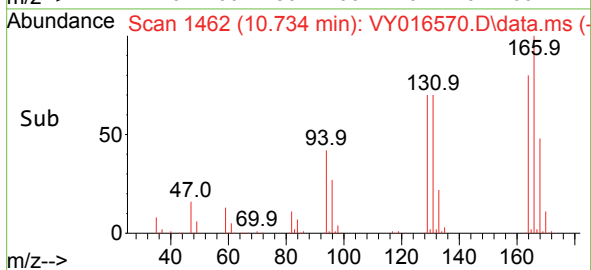
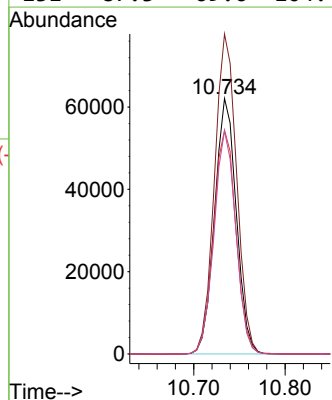
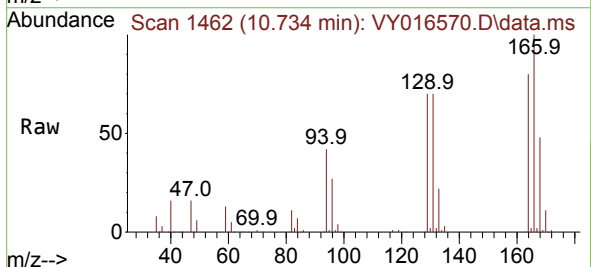
Instrument :
MSVOA_Y
ClientSampleId :

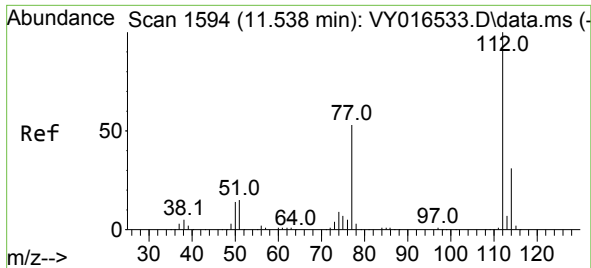
Tgt Ion:117 Resp: 211708
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 54.485 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion:164 Resp: 102657
Ion Ratio Lower Upper
164 100
166 125.3 103.0 154.6
129 87.6 77.2 115.8
131 87.3 69.6 104.4

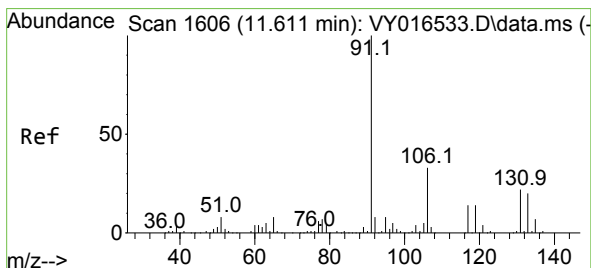
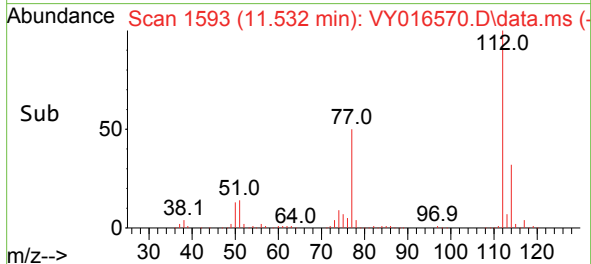
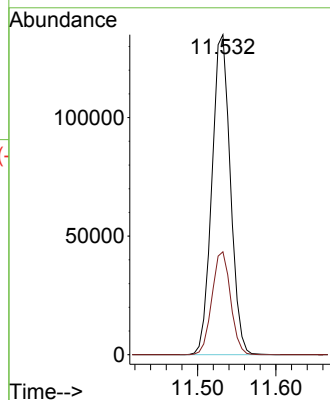
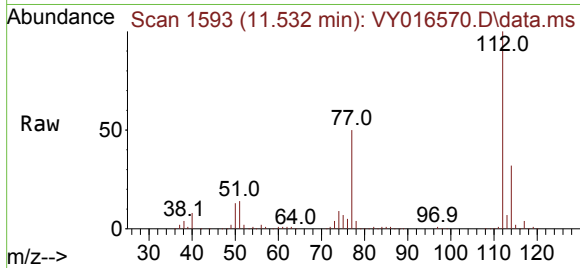




#65
Chlorobenzene
Concen: 52.117 ug/l
RT: 11.532 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

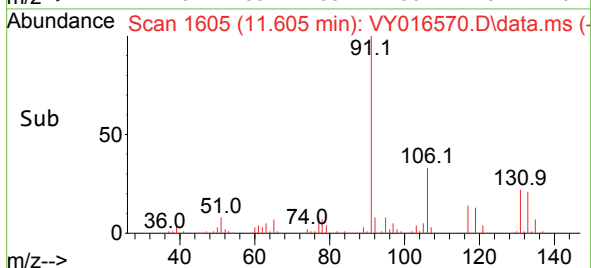
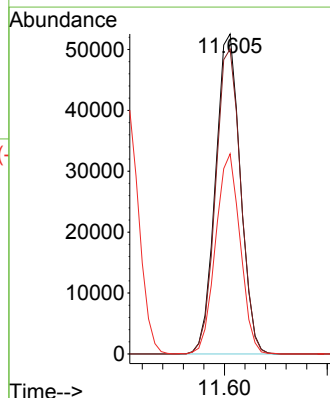
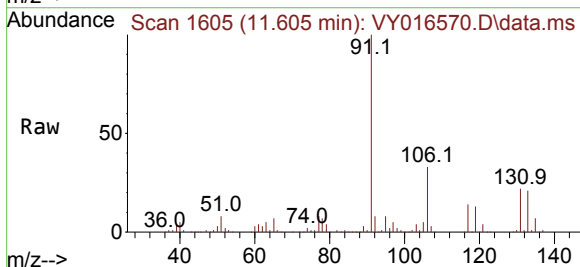
Instrument :
MSVOA_Y
ClientSampleId :

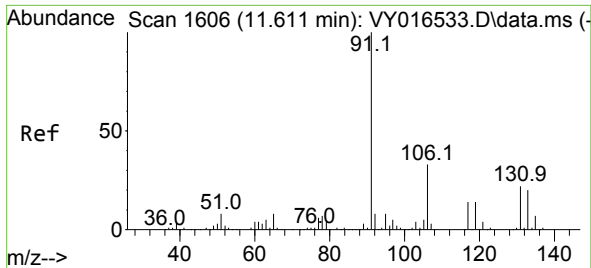
Tgt Ion:112 Resp: 220962
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.181 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion:131 Resp: 88061
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 62.0 31.6 94.7

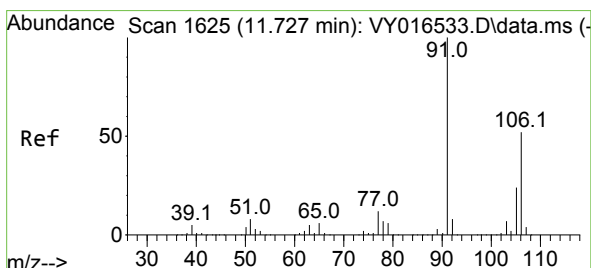
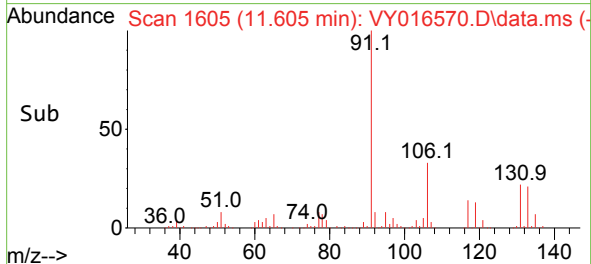
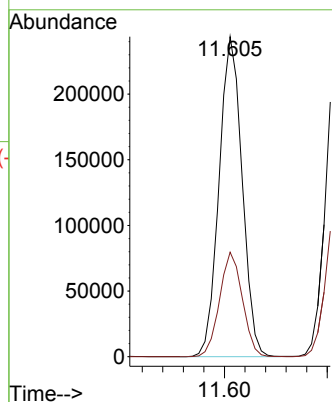
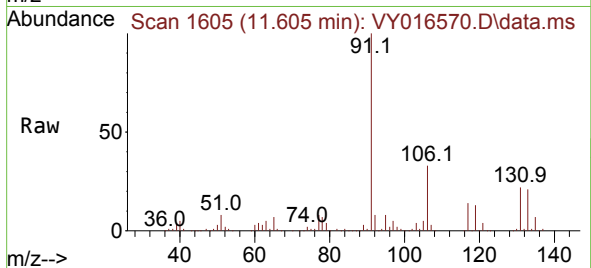




#67
Ethyl Benzene
Concen: 50.897 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

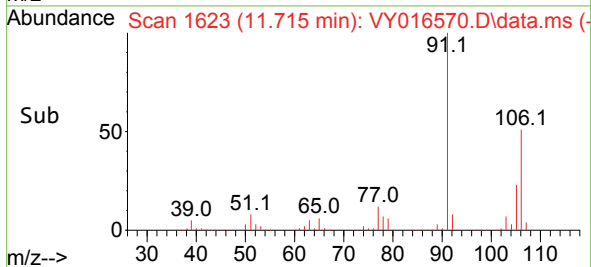
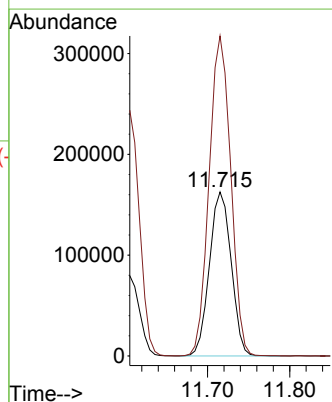
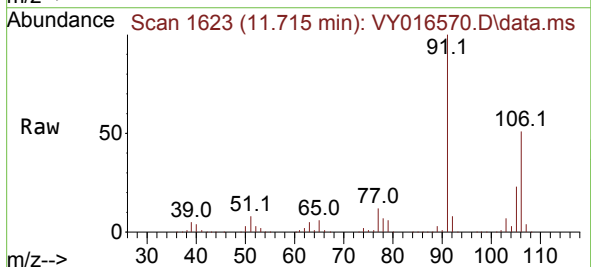
Instrument :
MSVOA_Y
ClientSampleId :

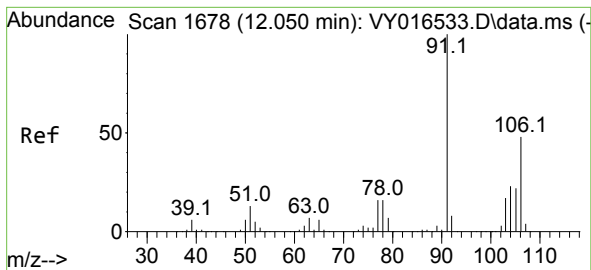
Tgt Ion: 91 Resp: 378796
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8



#68
m/p-Xylenes
Concen: 103.865 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.012 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion:106 Resp: 299161
Ion Ratio Lower Upper
106 100
91 194.0 166.1 249.1





#69

o-Xylene

Concen: 53.933 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

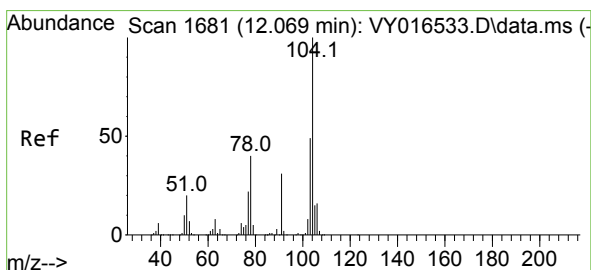
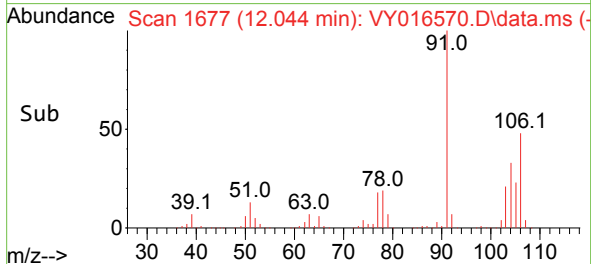
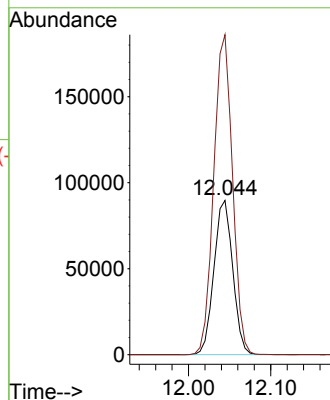
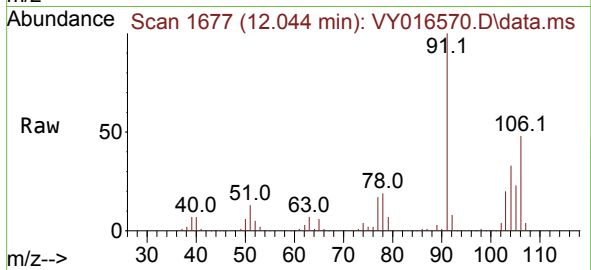
ClientSampleId :

Tgt Ion:106 Resp: 142612

Ion Ratio Lower Upper

106 100

91 207.2 108.1 324.3



#70

Styrene

Concen: 55.303 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

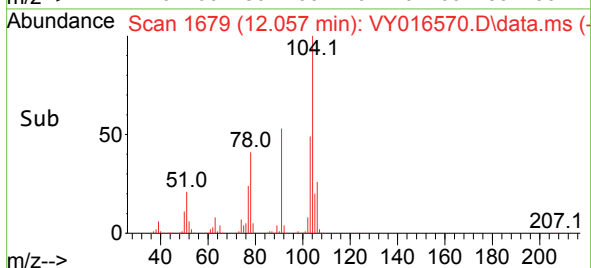
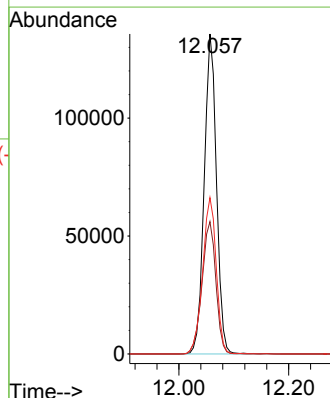
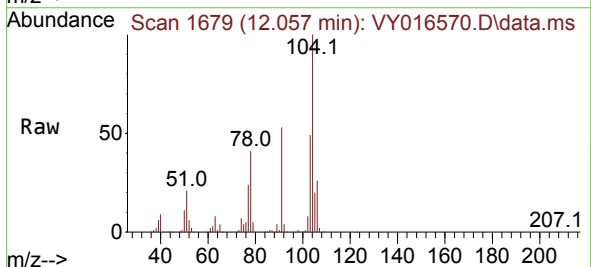
Tgt Ion:104 Resp: 210406

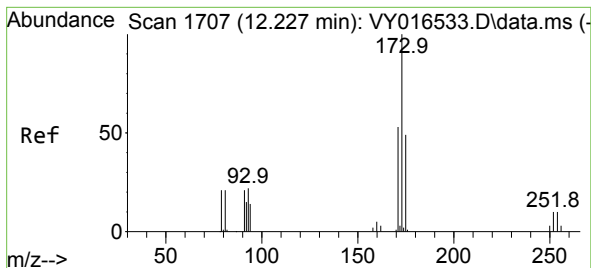
Ion Ratio Lower Upper

104 100

78 46.7 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 58.570 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

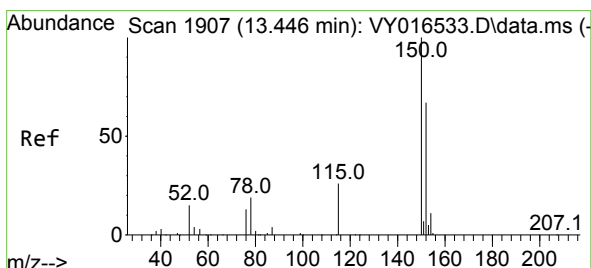
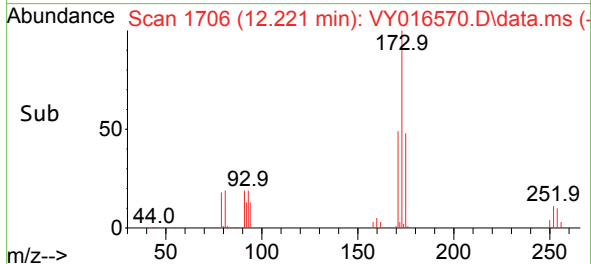
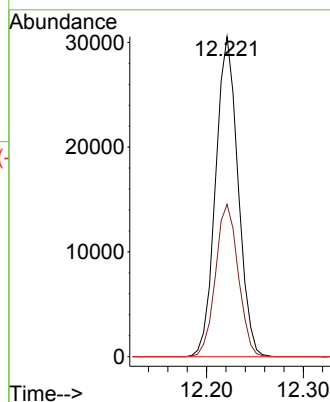
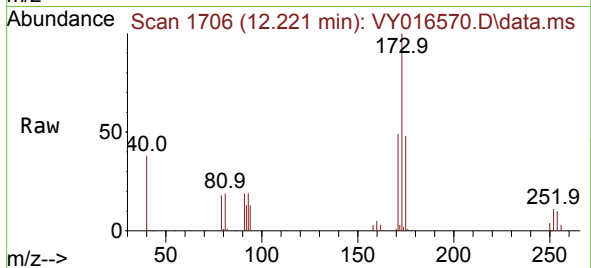
Tgt Ion:173 Resp: 49171

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

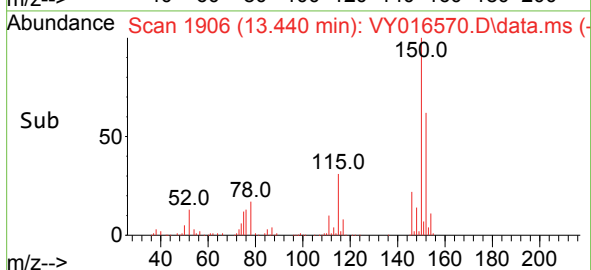
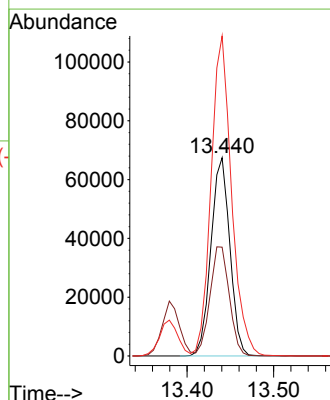
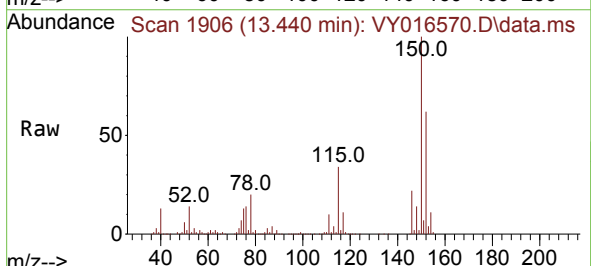
Tgt Ion:152 Resp: 102372

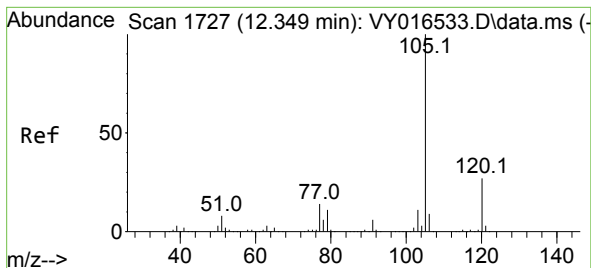
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 174.7 0.0 348.8





#73

Isopropylbenzene

Concen: 49.066 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

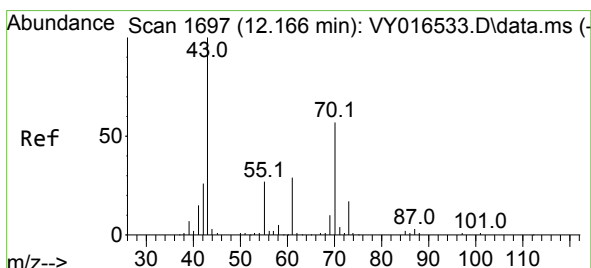
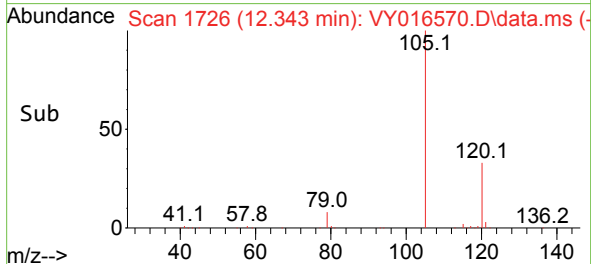
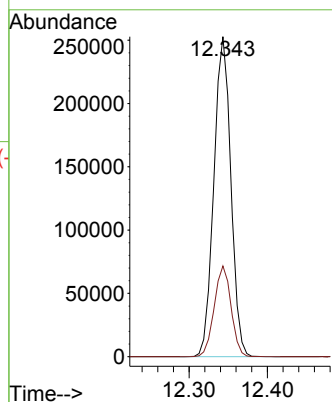
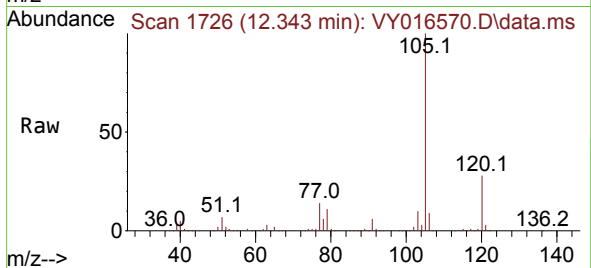
ClientSampleId :

Tgt Ion:105 Resp: 380916

Ion Ratio Lower Upper

105 100

120 28.1 13.3 39.9



#74

N-ethyl acetate

Concen: 50.462 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Tgt Ion: 43 Resp: 55325

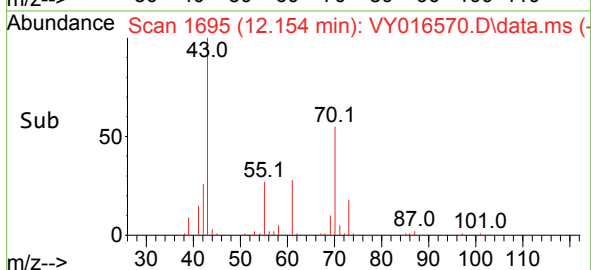
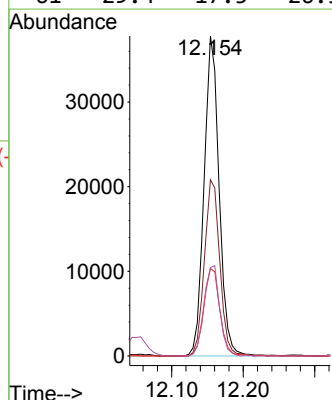
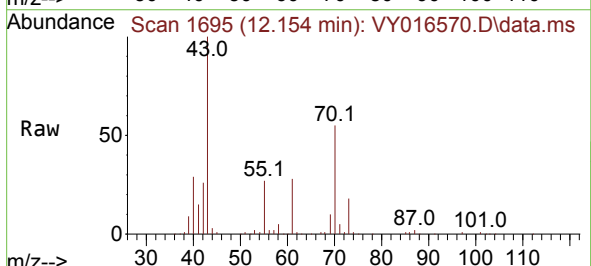
Ion Ratio Lower Upper

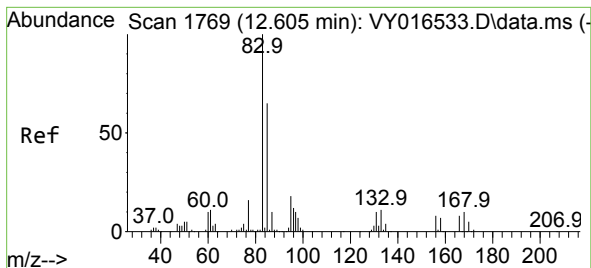
43 100

70 56.3 29.7 44.5#

55 29.1 18.3 27.5#

61 29.4 17.5 26.3#





#75

1,1,2-Tetrachloroethane

Concen: 49.599 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

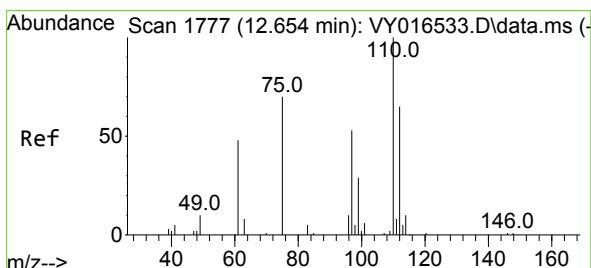
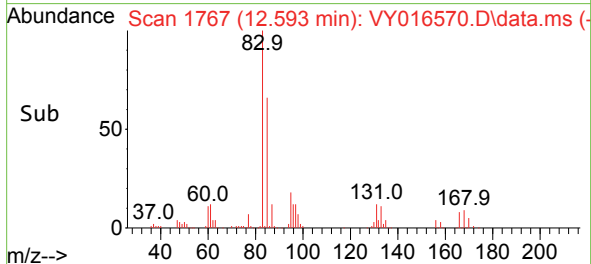
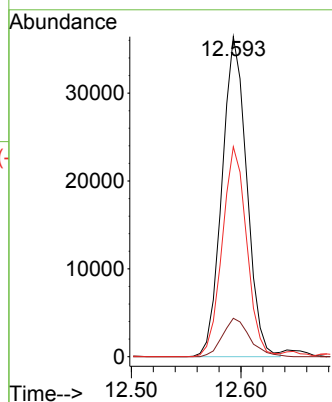
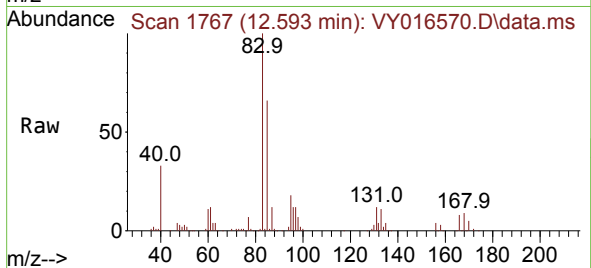
Tgt Ion: 83 Resp: 57158

Ion Ratio Lower Upper

83 100

131 13.2 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.555 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.012 min

Lab File: VY016570.D

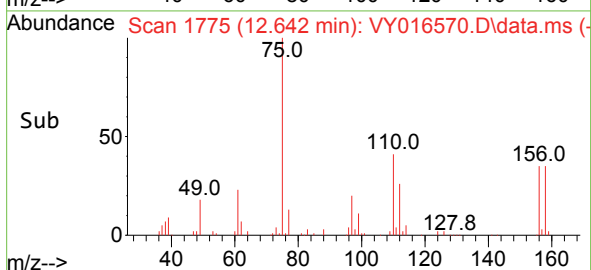
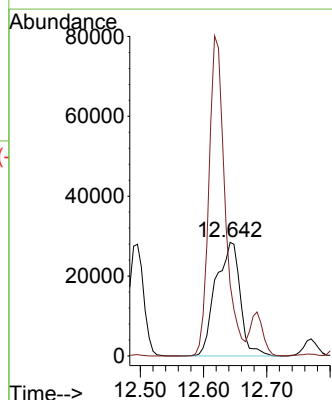
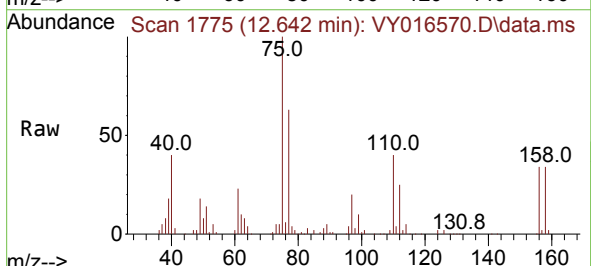
Acq: 01 Dec 2023 18:56

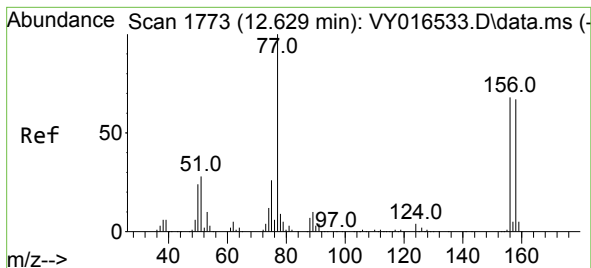
Tgt Ion: 75 Resp: 76117

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.026 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY016570.D

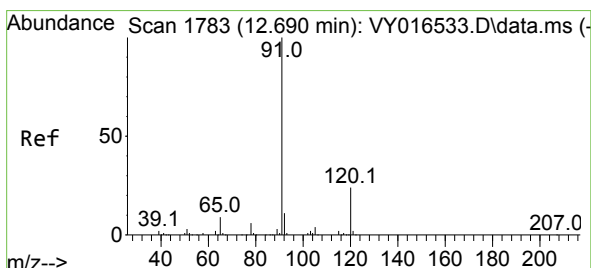
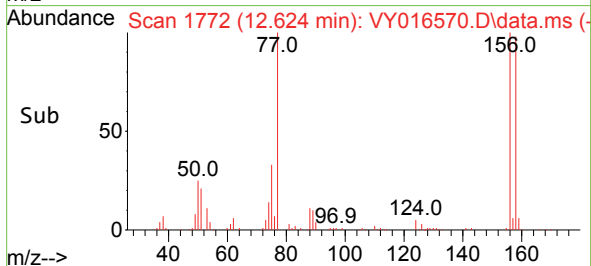
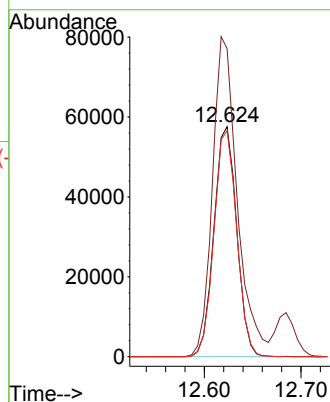
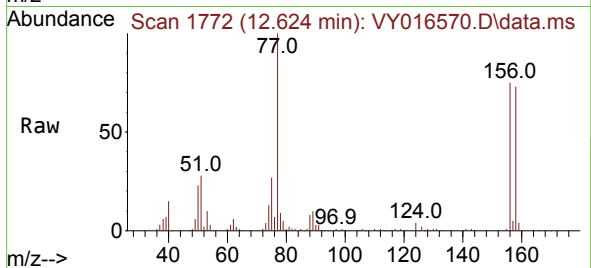
Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	94046
Ion Ratio	Lower	Upper	
156	100		
77	151.7	92.8	278.6
158	98.2	48.4	145.3



#78

n-propylbenzene

Concen: 47.555 ug/l

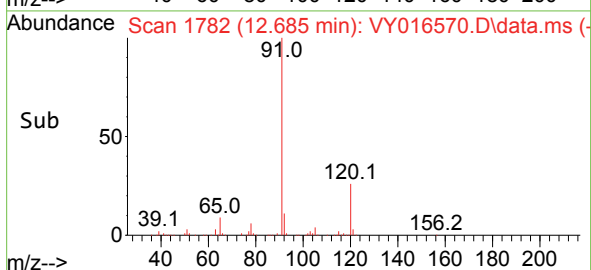
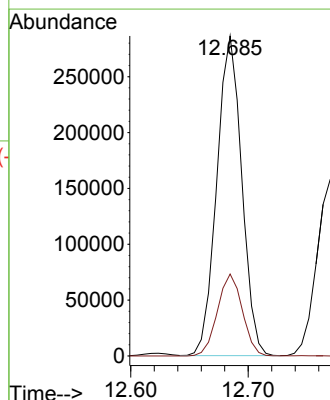
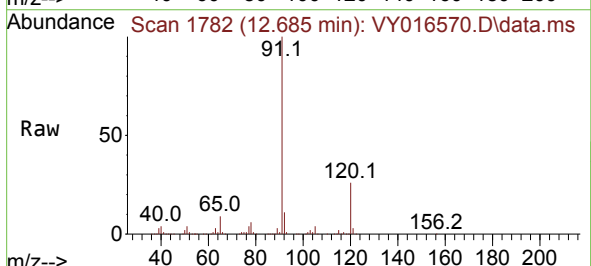
RT: 12.685 min Scan# 1782

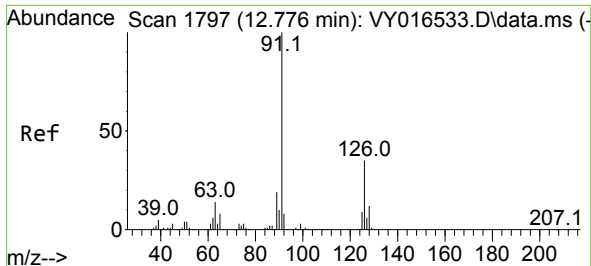
Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Tgt Ion:	91	Resp:	422371
Ion Ratio	Lower	Upper	
91	100		
120	25.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 48.966 ug/l

RT: 12.770 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

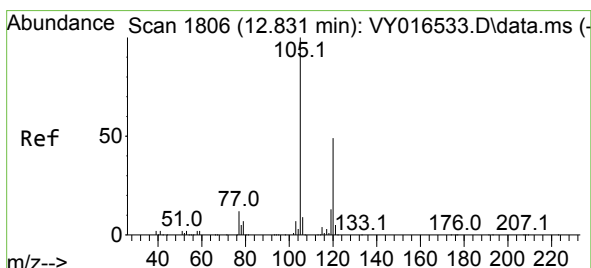
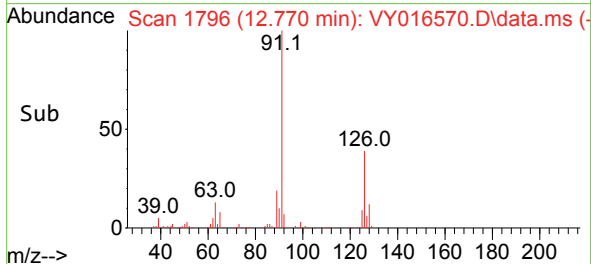
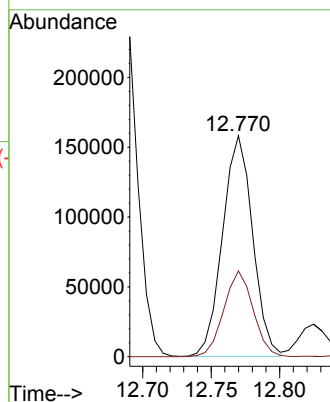
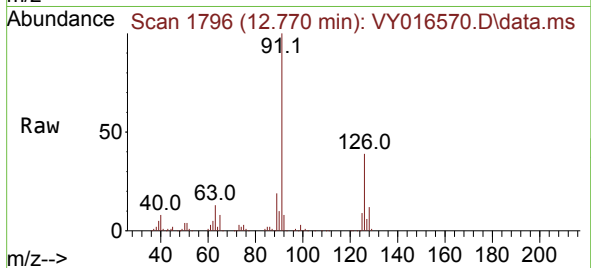
ClientSampleId :

Tgt Ion: 91 Resp: 241890

Ion Ratio Lower Upper

91 100

126 37.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 50.716 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VY016570.D

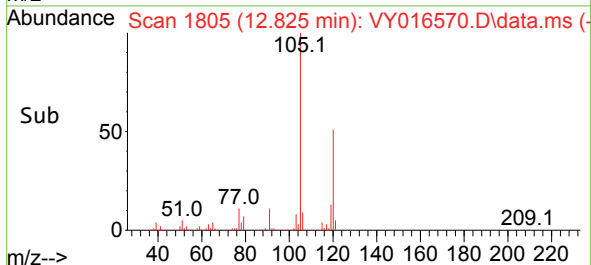
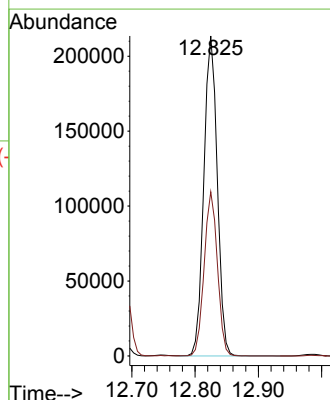
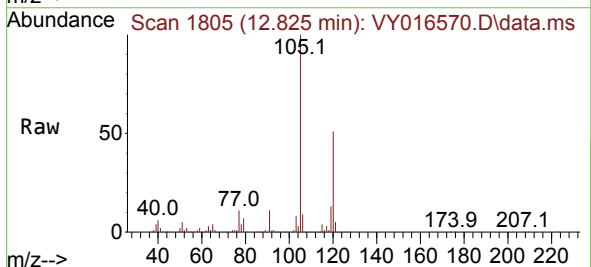
Acq: 01 Dec 2023 18:56

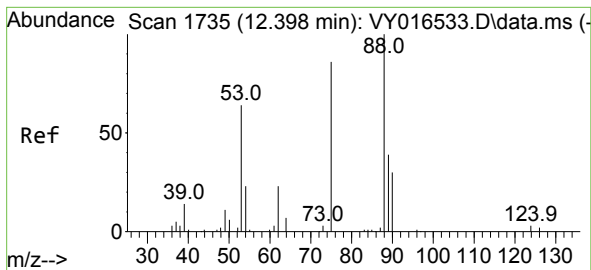
Tgt Ion:105 Resp: 316503

Ion Ratio Lower Upper

105 100

120 50.6 23.9 71.7

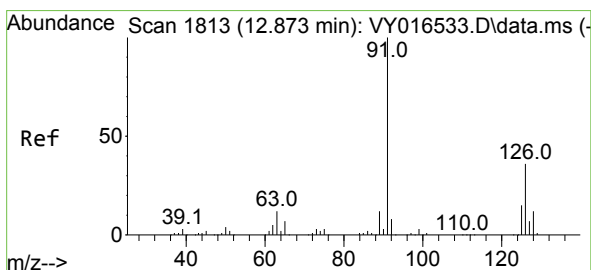
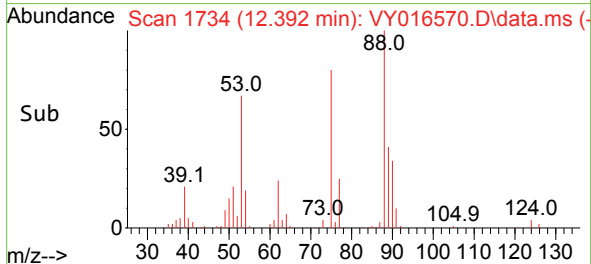
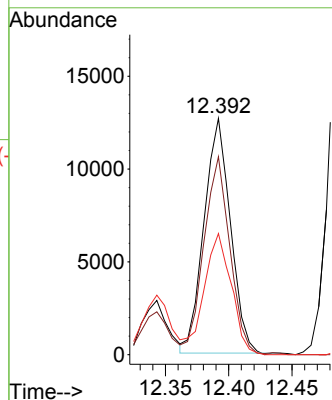
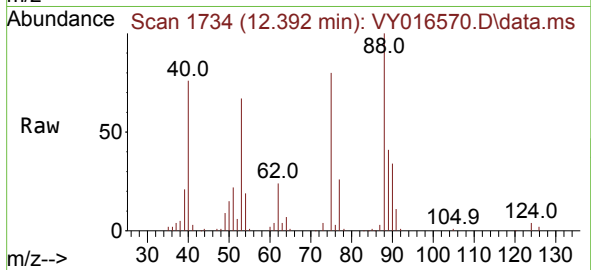




#81
trans-1,4-Dichloro-2-butene
Concen: 46.614 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

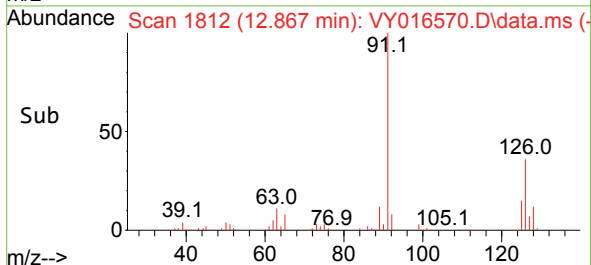
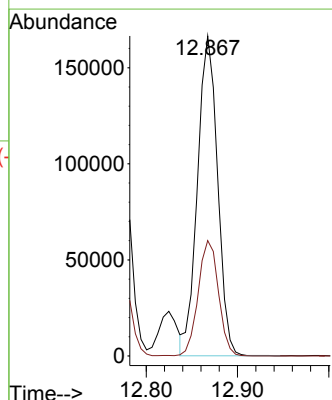
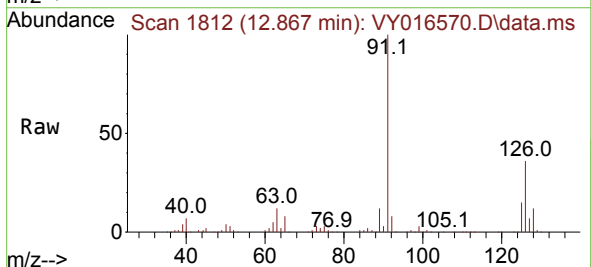
Instrument :
MSVOA_Y
ClientSampleId :

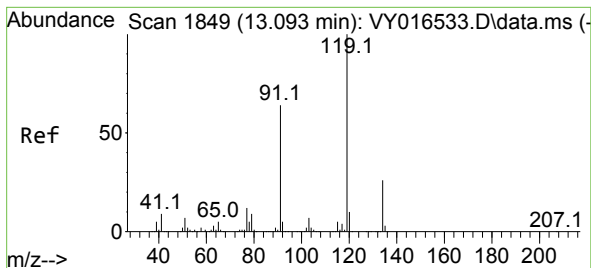
Tgt Ion: 75 Resp: 18371
Ion Ratio Lower Upper
75 100
53 83.6 77.8 116.8
89 53.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.981 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY016570.D
Acq: 01 Dec 2023 18:56

Tgt Ion: 91 Resp: 253508
Ion Ratio Lower Upper
91 100
126 36.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.905 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

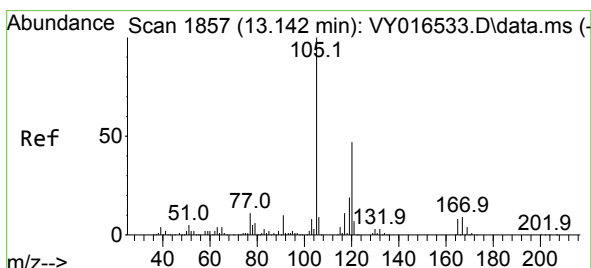
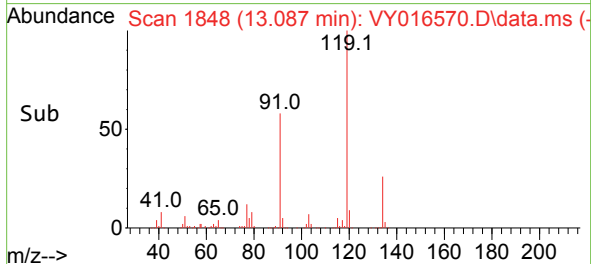
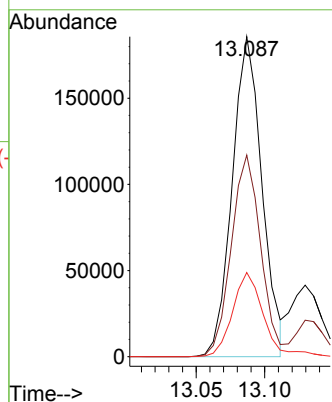
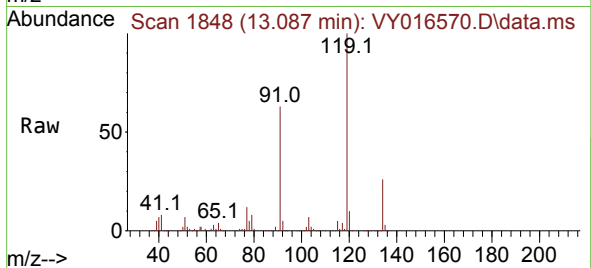
Tgt Ion:119 Resp: 281066

Ion Ratio Lower Upper

119 100

91 62.0 32.9 98.6

134 27.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.330 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY016570.D

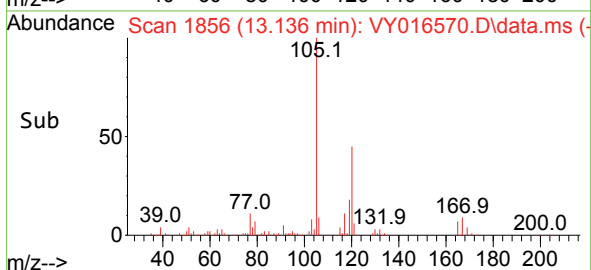
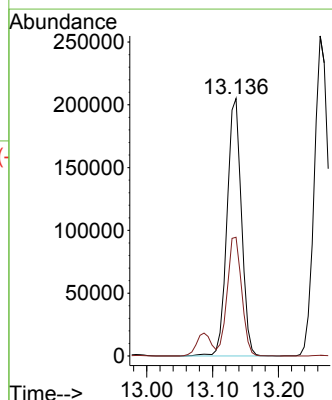
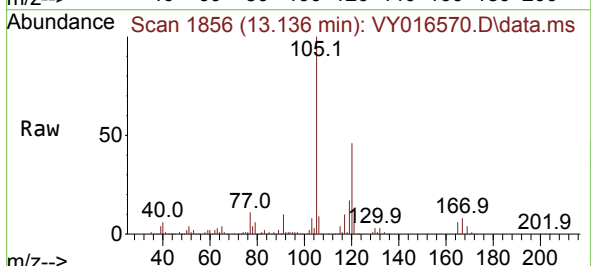
Acq: 01 Dec 2023 18:56

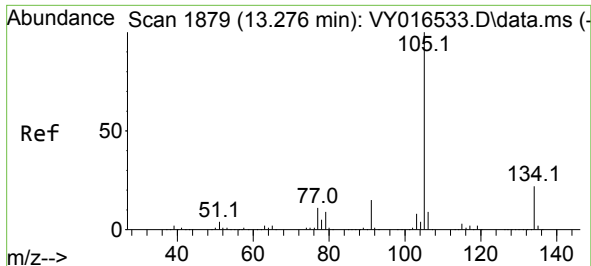
Tgt Ion:105 Resp: 311872

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6

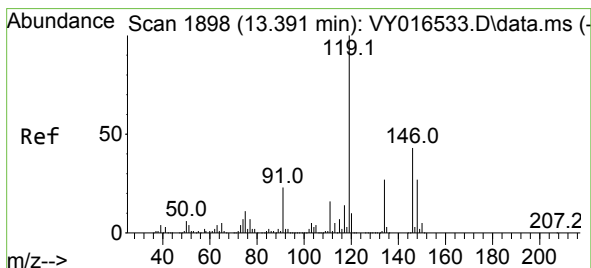
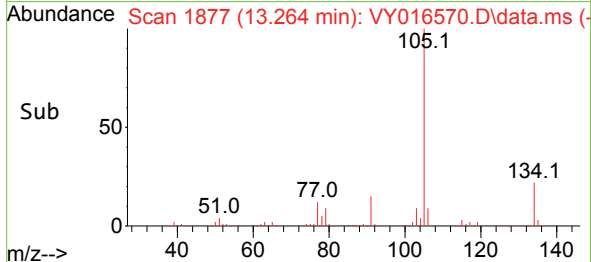
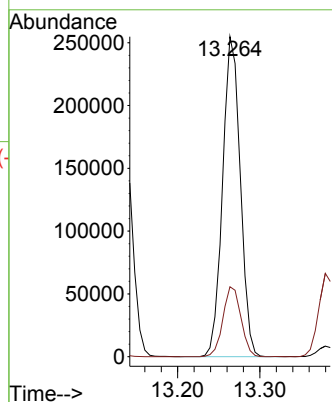
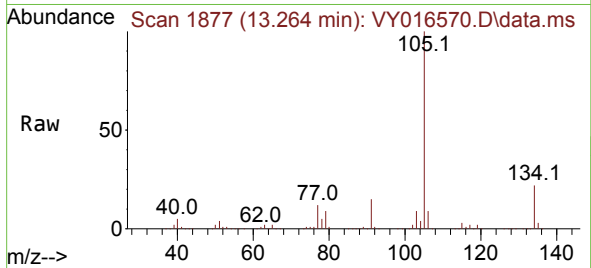




#85
 sec-Butylbenzene
 Concen: 48.916 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.012 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

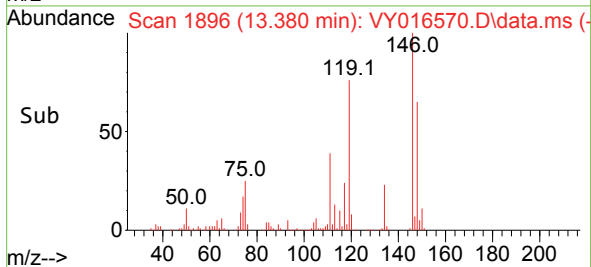
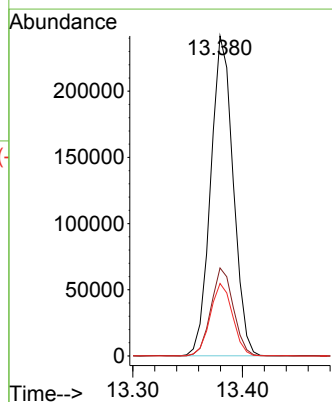
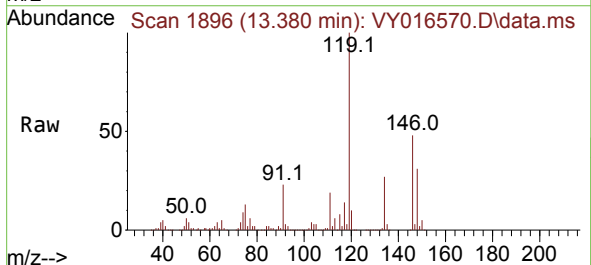
Instrument :
 MSVOA_Y
 ClientSampleId :

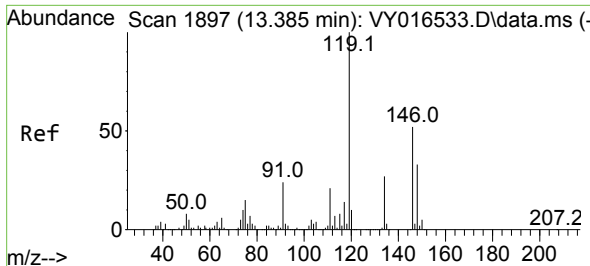
Tgt Ion:105 Resp: 381022
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 51.224 ug/l
 RT: 13.380 min Scan# 1896
 Delta R.T. -0.012 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

Tgt Ion:119 Resp: 344744
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 22.5 12.4 37.4

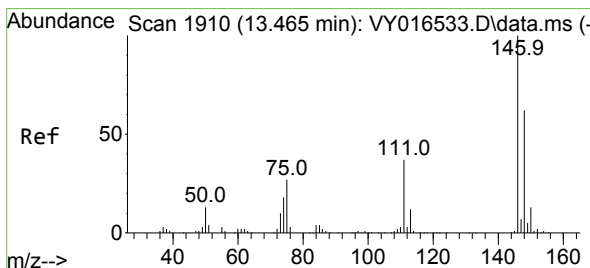
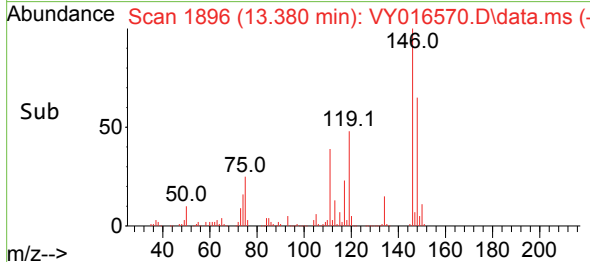
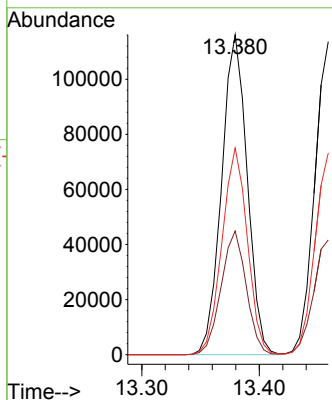
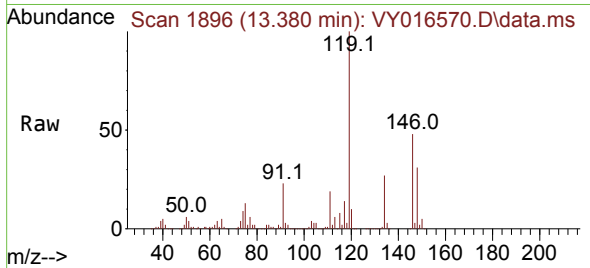




#87
 1,3-Dichlorobenzene
 Concen: 51.595 ug/l
 RT: 13.380 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

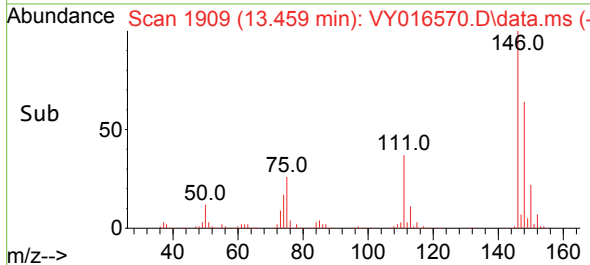
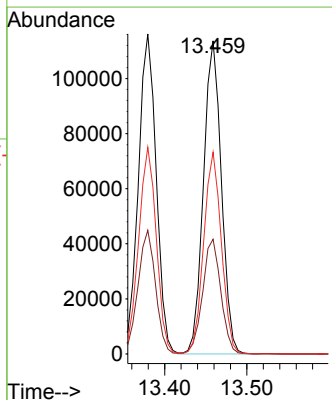
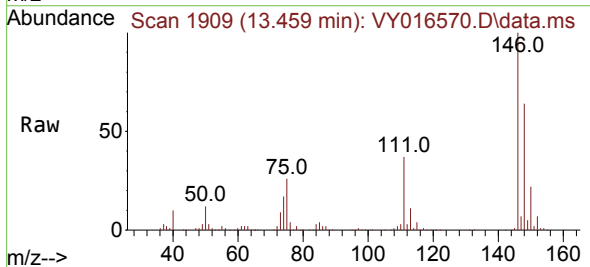
Instrument :
 MSVOA_Y
 ClientSampleId :

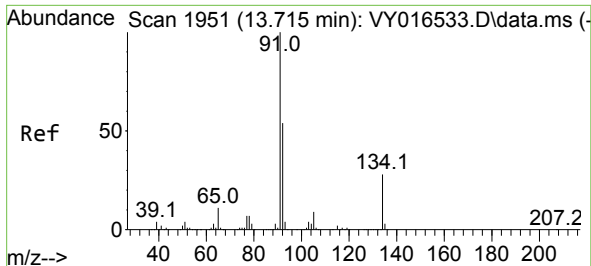
Tgt Ion:146 Resp: 176113
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.2
 148 64.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.515 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. -0.006 min
 Lab File: VY016570.D
 Acq: 01 Dec 2023 18:56

Tgt Ion:146 Resp: 172108
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 48.083 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

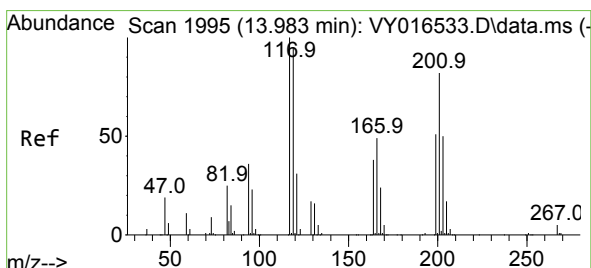
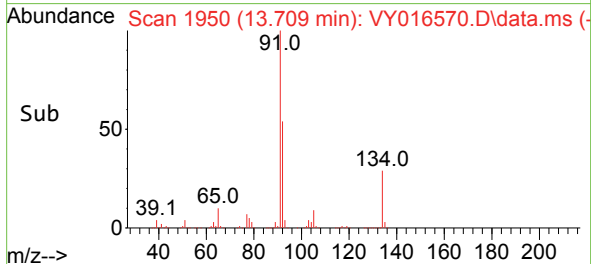
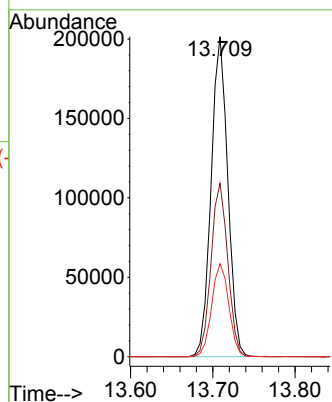
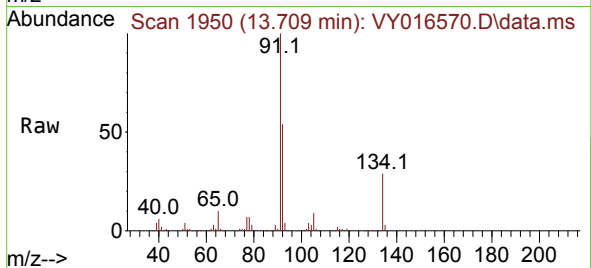
Tgt Ion: 91 Resp: 283640

Ion Ratio Lower Upper

91 100

92 54.5 25.4 76.0

134 29.9 12.6 37.6



#90

Hexachloroethane

Concen: 49.916 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY016570.D

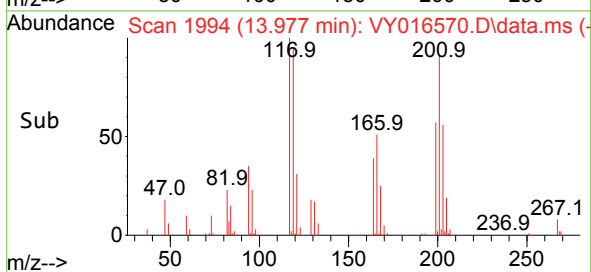
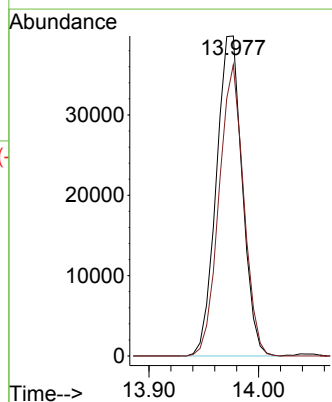
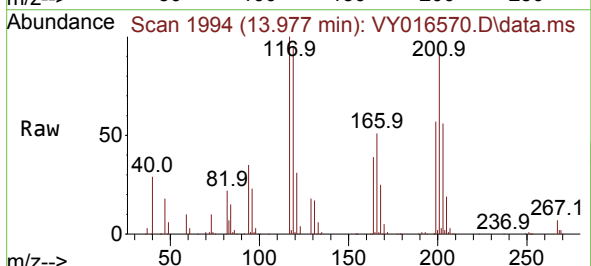
Acq: 01 Dec 2023 18:56

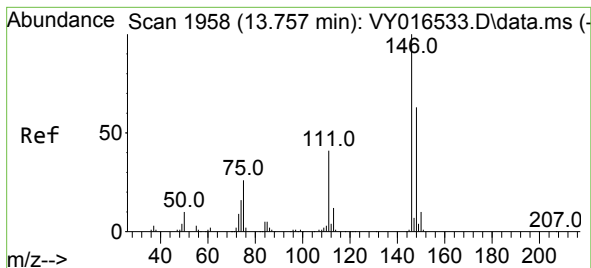
Tgt Ion: 117 Resp: 65546

Ion Ratio Lower Upper

117 100

201 86.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 53.040 ug/l

RT: 13.751 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

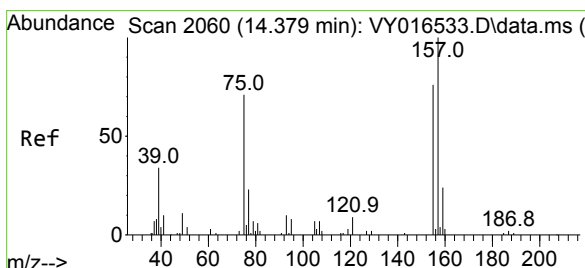
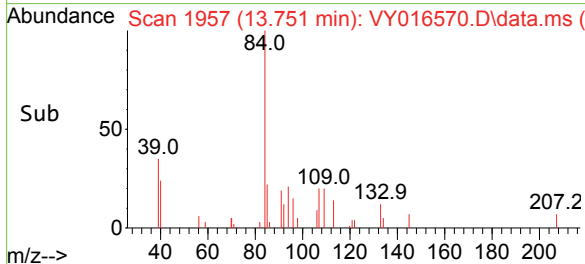
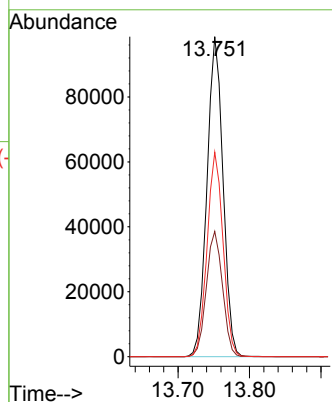
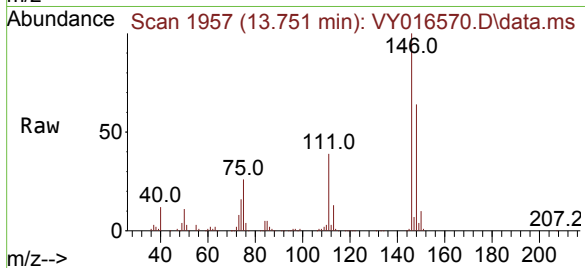
Tgt Ion:146 Resp: 153433

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.502 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.012 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

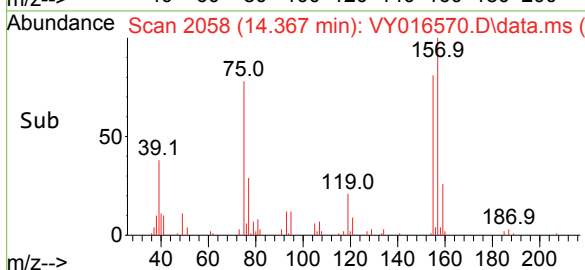
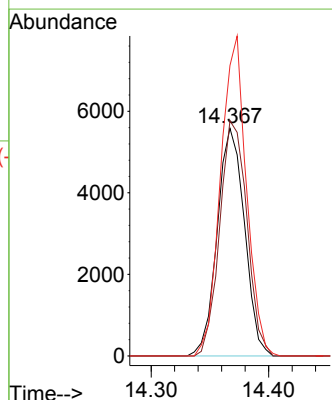
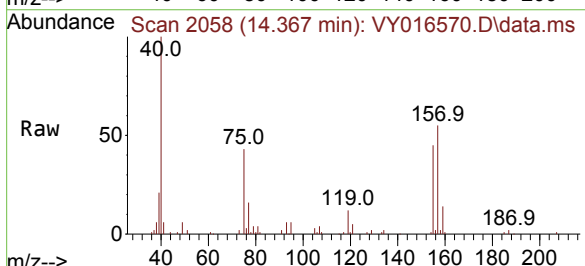
Tgt Ion: 75 Resp: 8998

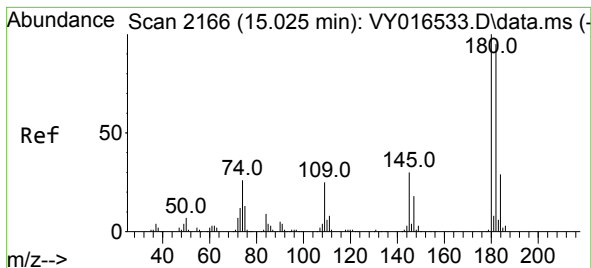
Ion Ratio Lower Upper

75 100

155 103.1 41.5 124.6

157 133.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.742 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

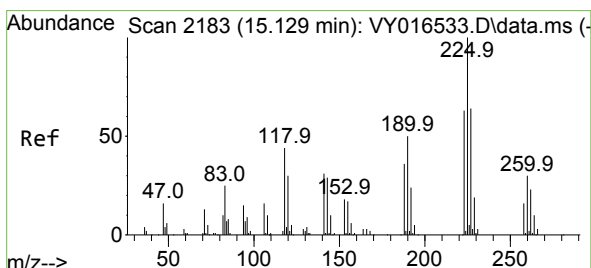
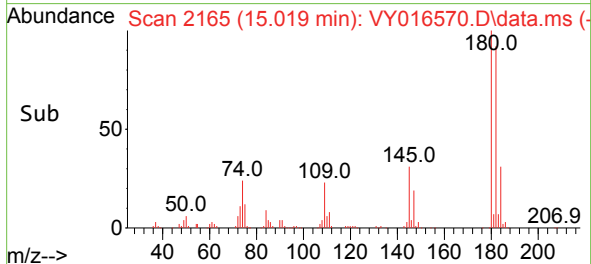
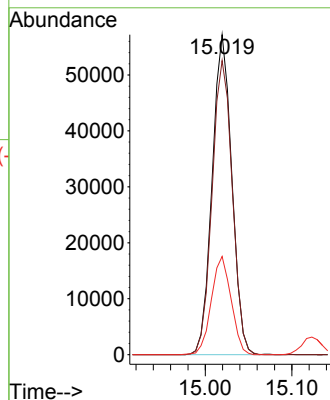
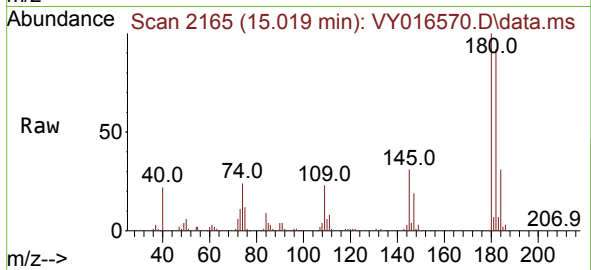
Tgt Ion:180 Resp: 90009

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 55.273 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

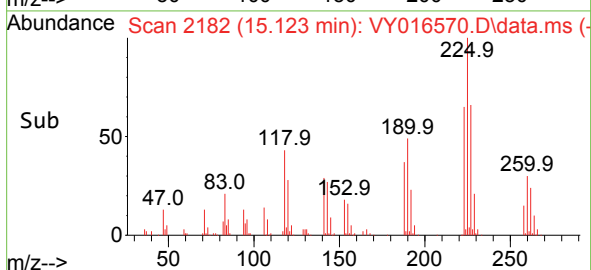
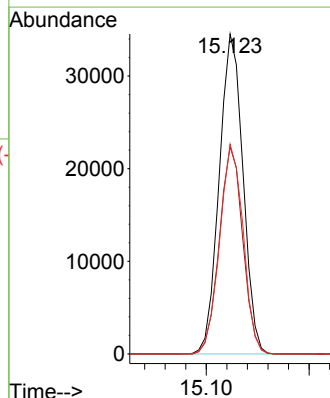
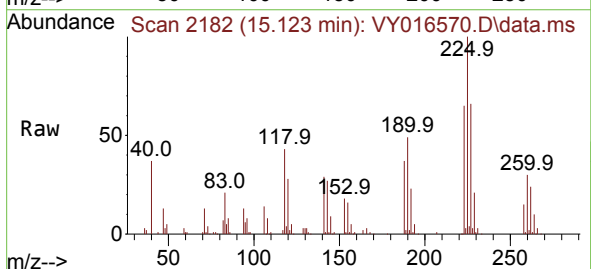
Tgt Ion:225 Resp: 55376

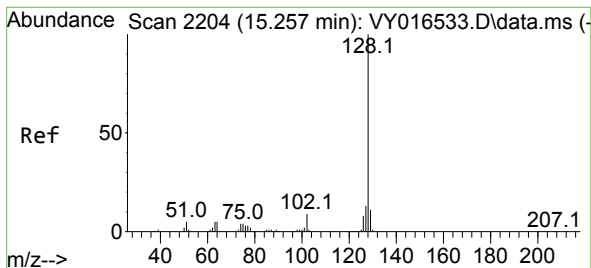
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 49.651 ug/l

RT: 15.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

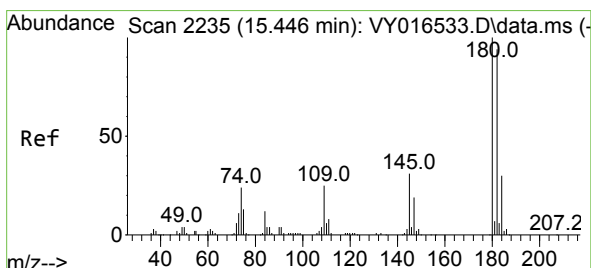
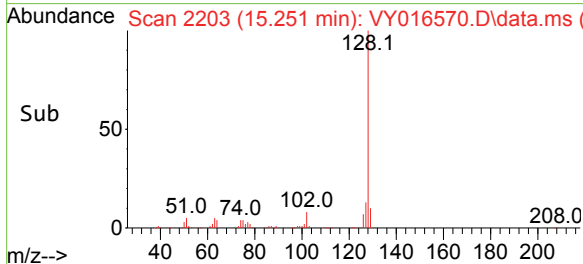
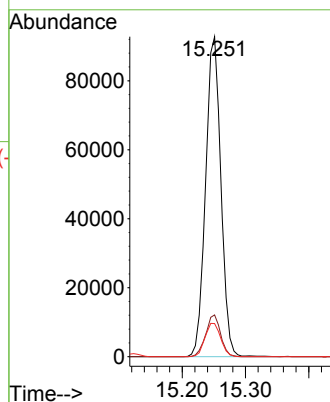
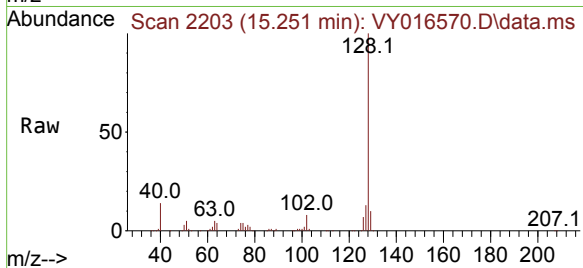
Tgt Ion:128 Resp: 156178

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.353 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. -0.006 min

Lab File: VY016570.D

Acq: 01 Dec 2023 18:56

Tgt Ion:180 Resp: 74382

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 31.0 15.4 46.2

