

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017585.D
 Acq On : 06 Mar 2024 11:37
 Operator : SY/MD
 Sample : MDL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Quant Time: Mar 07 04:01:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 04:01:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	122765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	170389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58389	50.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.360%	
35) Dibromofluoromethane	7.722	113	70834	51.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.185	98	261401	54.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.483	95	73175	48.236	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	3450	3.810	ug/l	94
3) Chloromethane	2.113	50	5840	3.529	ug/l	98
4) Vinyl Chloride	2.247	62	7412	3.492	ug/l	95
5) Bromomethane	2.650	94	6989	4.040	ug/l	98
6) Chloroethane	2.796	64	4542	3.392	ug/l	99
7) Trichlorofluoromethane	3.125	101	7324	3.385	ug/l	96
8) Diethyl Ether	3.534	74	1673	2.637	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.887	101	4711	3.786	ug/l	99
10) Methyl Iodide	4.088	142	3764	2.695	ug/l	98
11) Tert butyl alcohol	4.954	59	1881	19.033	ug/l #	92
12) 1,1-Dichloroethene	3.875	96	3678	3.171	ug/l	86
13) Acrolein	3.741	56	1913	14.670	ug/l	99
14) Allyl chloride	4.478	41	3874	2.765	ug/l	97
15) Acrylonitrile	5.173	53	2951	11.313	ug/l #	92
16) Acetone	3.954	43	4052	17.956	ug/l	98
17) Carbon Disulfide	4.198	76	12229	3.513	ug/l	99
18) Methyl Acetate	4.491	43	2160	3.945	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	6465	2.392	ug/l	94
20) Methylene Chloride	4.716	84	10758	6.659	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	4112	3.028	ug/l	96
22) Diisopropyl ether	6.131	45	7235	2.237	ug/l #	98
23) Vinyl Acetate	6.057	43	17502	9.083	ug/l	95
24) 1,1-Dichloroethane	6.027	63	6490	2.938	ug/l	96
25) 2-Butanone	6.996	43	3909	12.155	ug/l #	86
26) 2,2-Dichloropropane	6.990	77	5574	3.001	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	4481	2.939	ug/l	96
28) Bromochloromethane	7.338	49	2522	2.899	ug/l #	96
29) Tetrahydrofuran	7.350	42	1864	9.615	ug/l	98
30) Chloroform	7.508	83	6963	2.960	ug/l	98
31) Cyclohexane	7.789	56	7391	3.903	ug/l #	74
32) 1,1,1-Trichloroethane	7.710	97	6106	2.990	ug/l	98
36) 1,1-Dichloropropene	7.923	75	5709	3.065	ug/l	98
37) Ethyl Acetate	7.082	43	1710	2.324	ug/l #	69
38) Carbon Tetrachloride	7.911	117	5807	3.111	ug/l	95
39) Methylcyclohexane	9.185	83	7217	3.224	ug/l	96
40) Benzene	8.167	78	15410	2.786	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	2024	5.482	ug/l #	28
42) 1,2-Dichloroethane	8.240	62	3722	2.758	ug/l	100
43) Isopropyl Acetate	8.283	43	2891	2.236	ug/l	91
44) Trichloroethene	8.947	130	4666	2.926	ug/l	88
45) 1,2-Dichloropropane	9.222	63	3552	2.699	ug/l	98
46) Dibromomethane	9.313	93	1945	2.582	ug/l	99
47) Bromodichloromethane	9.502	83	4902	2.680	ug/l	98
48) Methyl methacrylate	9.295	41	1304	2.179	ug/l	93
49) 1,4-Dioxane	9.301	88	338	39.652	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	6961	9.661	ug/l	92
52) Toluene	10.246	92	9931	2.848	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	4036	2.378	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	5036	2.442	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	2684	2.510	ug/l	93
56) Ethyl methacrylate	10.520	69	1632	1.361	ug/l #	90
57) 1,3-Dichloropropane	10.794	76	4180	2.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	6681	10.826	ug/l	98
59) 2-Hexanone	10.837	43	4905	9.911	ug/l	98
60) Dibromochloromethane	10.989	129	3201	2.530	ug/l	95
61) 1,2-Dibromoethane	11.087	107	2294	2.328	ug/l	98
64) Tetrachloroethene	10.721	164	4770	2.917	ug/l	99
65) Chlorobenzene	11.520	112	10474	2.896	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	3500	2.583	ug/l	97
67) Ethyl Benzene	11.593	91	16873	2.660	ug/l	97
68) m/p-Xylenes	11.703	106	12484	5.009	ug/l	99
69) o-Xylene	12.032	106	5069	2.192	ug/l	92
70) Styrene	12.050	104	7376	1.922	ug/l	99
71) Bromoform	12.209	173	1726	2.299	ug/l #	89
73) Isopropylbenzene	12.331	105	14405	2.523	ug/l	97
74) N-amyl acetate	12.148	43	1988	1.974	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	2736	2.791	ug/l	96
76) 1,2,3-Trichloropropane	12.636	75	3390	4.643	ug/l #	100
77) Bromobenzene	12.611	156	3774	2.730	ug/l	95
78) n-propylbenzene	12.672	91	18789	2.743	ug/l	99
79) 2-Chlorotoluene	12.757	91	10603	2.765	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	11887	2.599	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36774	115.727	ug/l #	16
82) 4-Chlorotoluene	12.855	91	10944	2.790	ug/l	99
83) tert-Butylbenzene	13.074	119	10462	2.605	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	11395	2.523	ug/l	100
85) sec-Butylbenzene	13.257	105	15204	2.476	ug/l	99
86) p-Isopropyltoluene	13.373	119	12096	2.406	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	8223	2.963	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	8344	3.093	ug/l	92
89) n-Butylbenzene	13.696	91	11958	2.607	ug/l	98
90) Hexachloroethane	13.965	117	2945	2.922	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	6298	2.683	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	311	2.256	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	3473	2.801	ug/l	99
94) Hexachlorobutadiene	15.111	225	2619	3.421	ug/l	99
95) Naphthalene	15.239	128	4284	2.021	ug/l	96
96) 1,2,3-Trichlorobenzene	15.428	180	2838	2.668	ug/l	96

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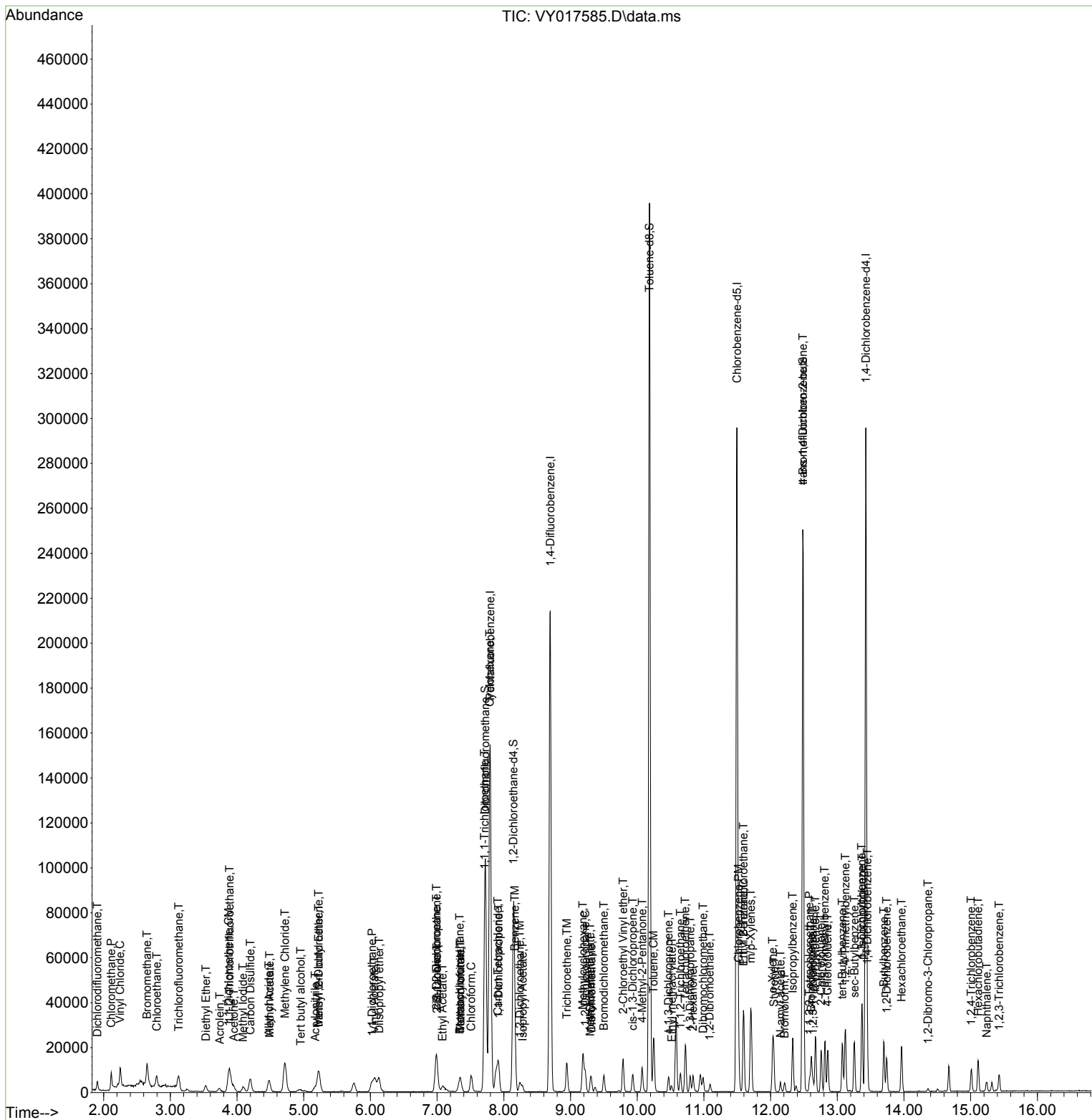
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

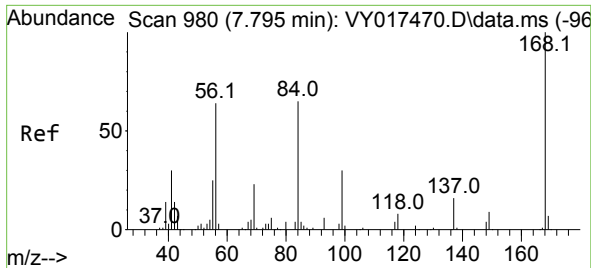
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

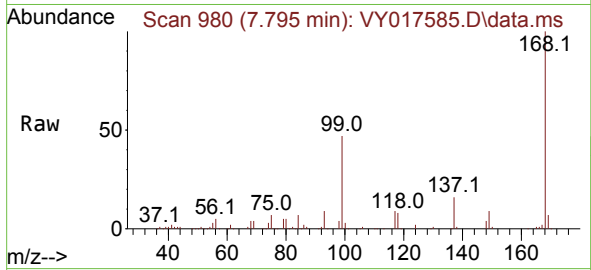
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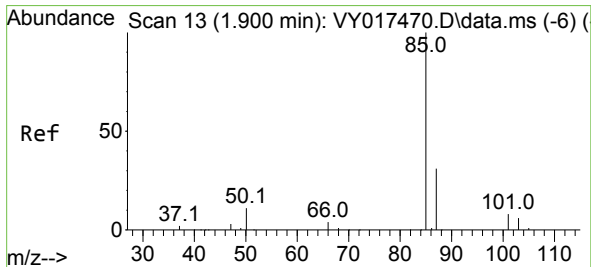
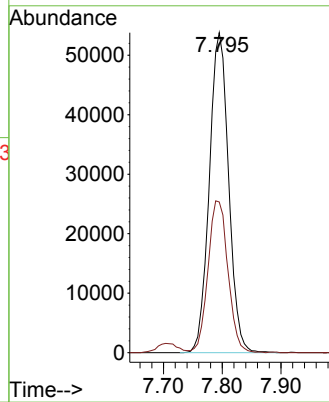
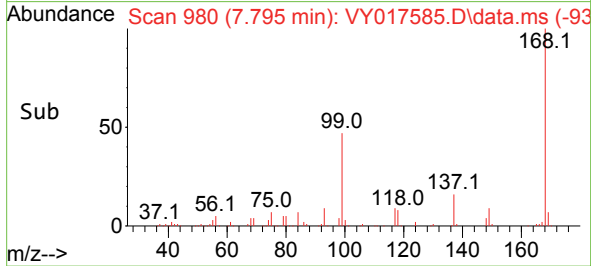


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017585.D
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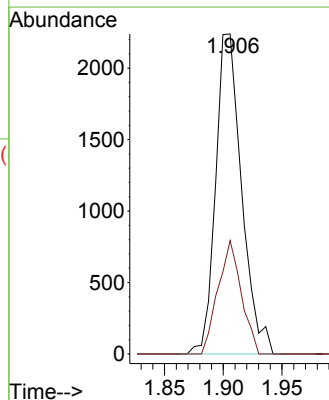
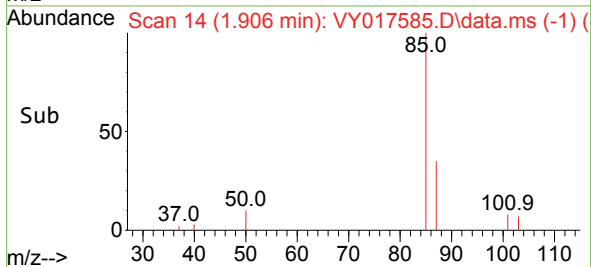
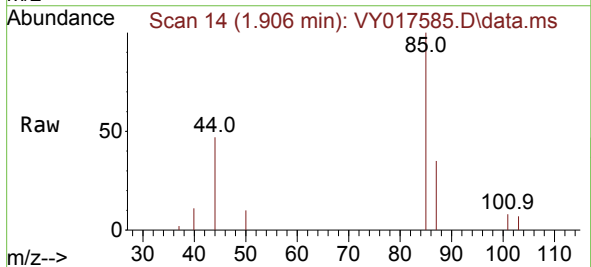


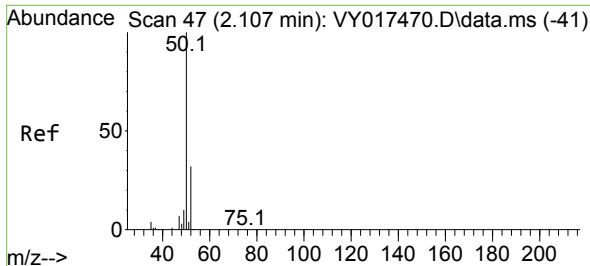
Tgt Ion:168 Resp: 122765
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 3.810 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 85 Resp: 3450
Ion Ratio Lower Upper
85 100
87 35.5 16.0 48.0

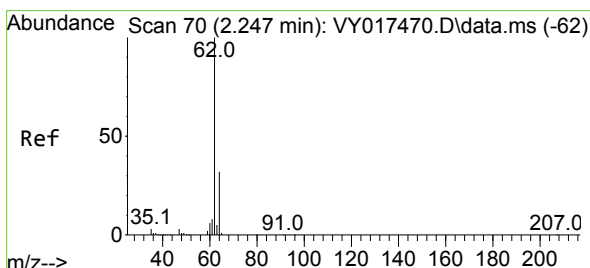
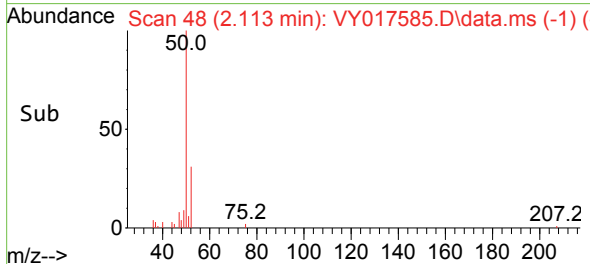
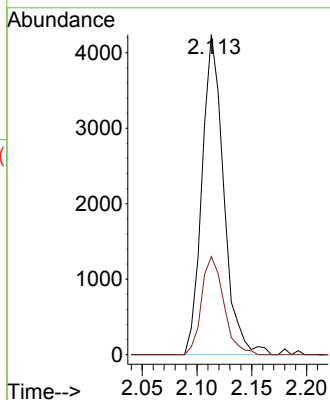
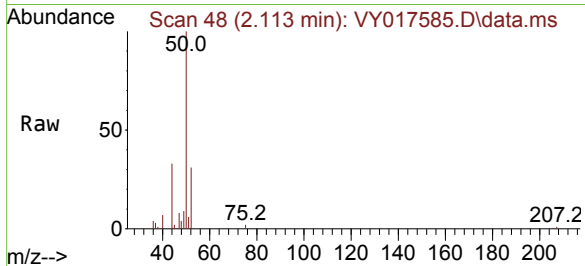




#3
Chloromethane
Concen: 3.529 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

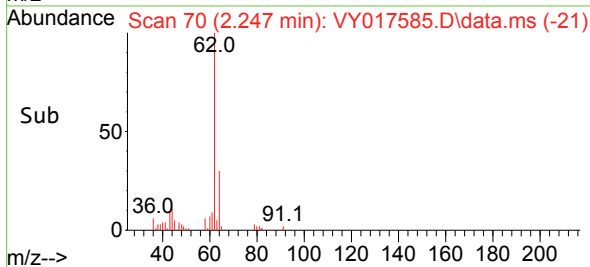
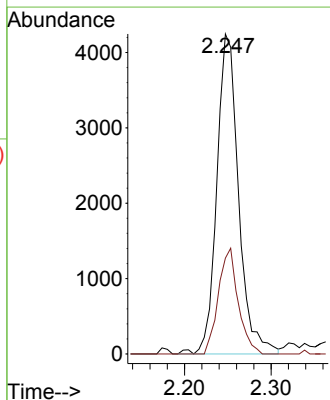
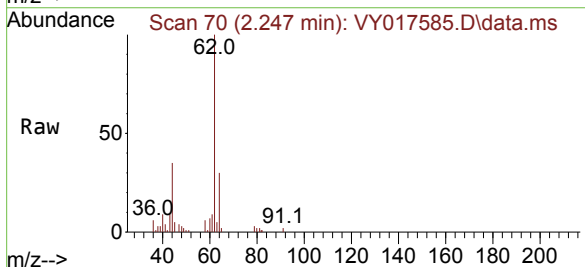
Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 5840
Ion Ratio Lower Upper
50 100
52 30.6 25.6 38.4



#4
Vinyl Chloride
Concen: 3.492 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 62 Resp: 7412
Ion Ratio Lower Upper
62 100
64 30.0 26.1 39.1

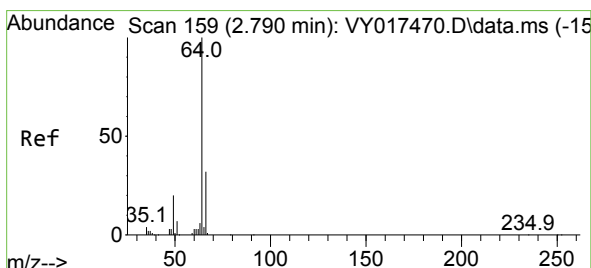
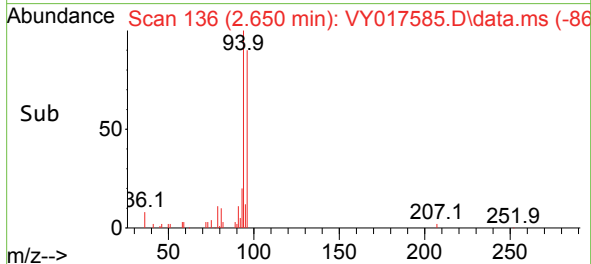
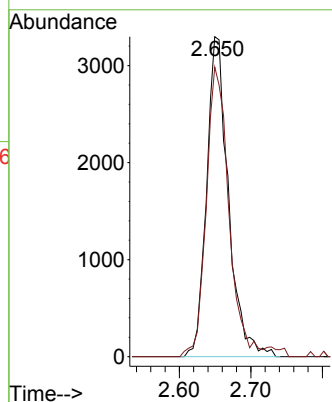
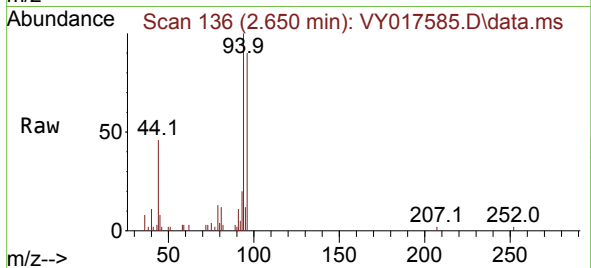




#5
Bromomethane
Concen: 4.040 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

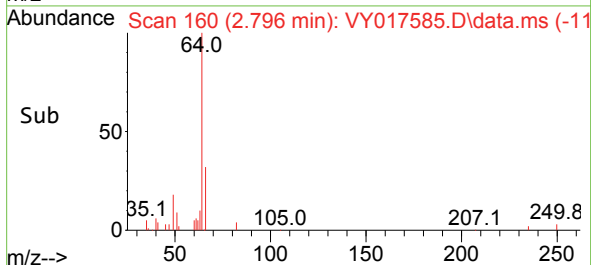
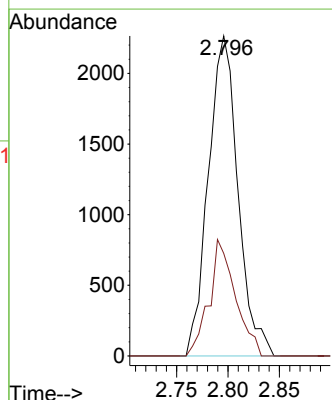
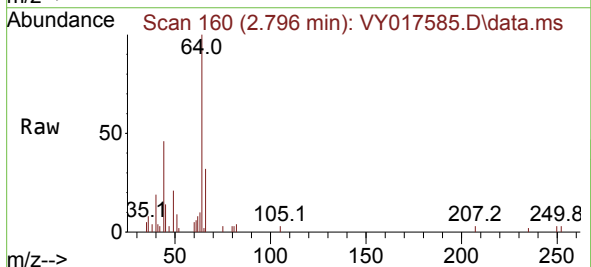
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 6989
Ion Ratio Lower Upper
94 100
96 90.5 74.1 111.1



#6
Chloroethane
Concen: 3.392 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 64 Resp: 4542
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1

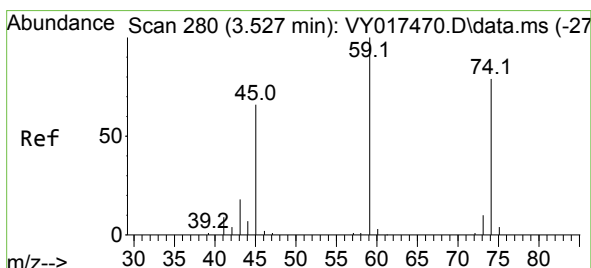
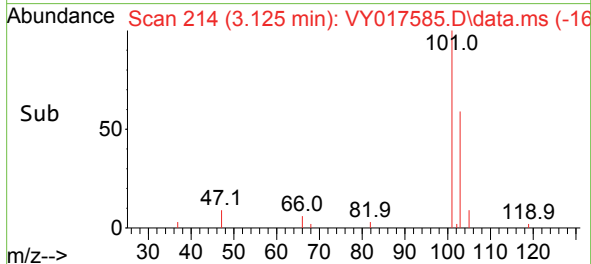
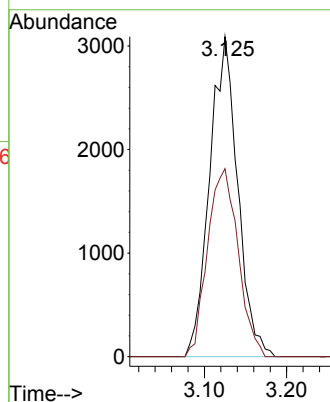
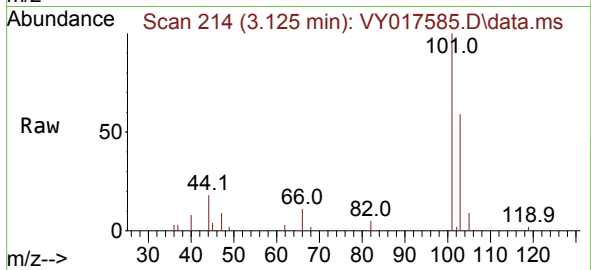




#7
 Trichlorofluoromethane
 Concen: 3.385 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY017585.D
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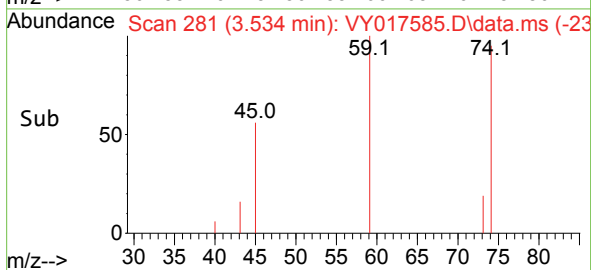
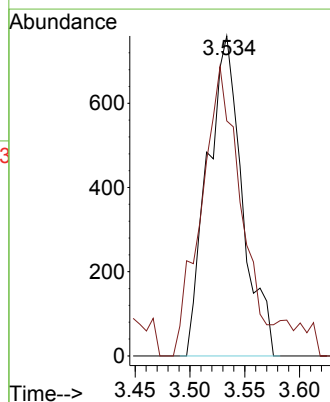
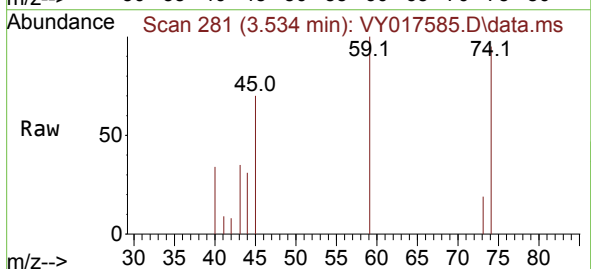
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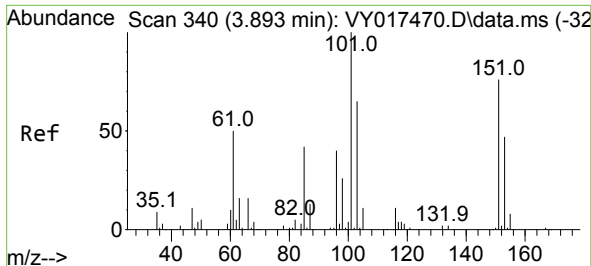
Tgt Ion:101 Resp: 7324
 Ion Ratio Lower Upper
 101 100
 103 58.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 2.637 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017585.D
 Acq: 06 Mar 2024 11:37

Tgt Ion: 74 Resp: 1673
 Ion Ratio Lower Upper
 74 100
 45 103.9 41.3 124.1

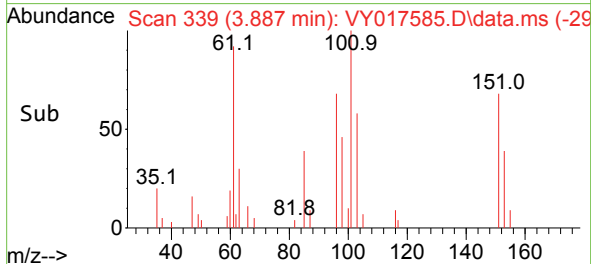
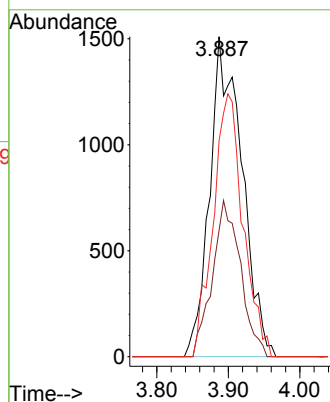
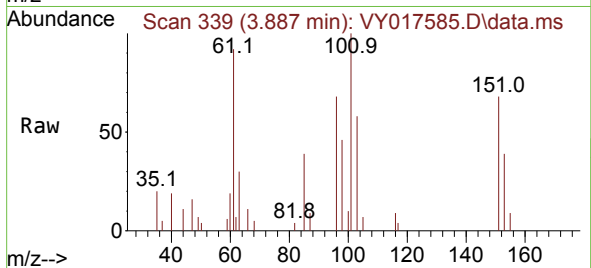




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.786 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY017585.D
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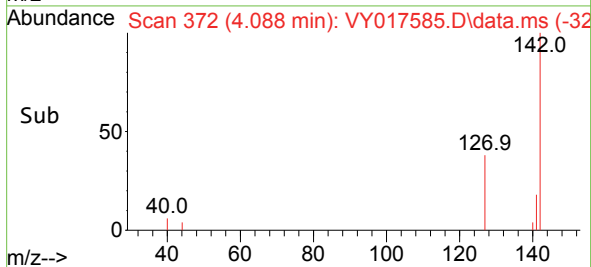
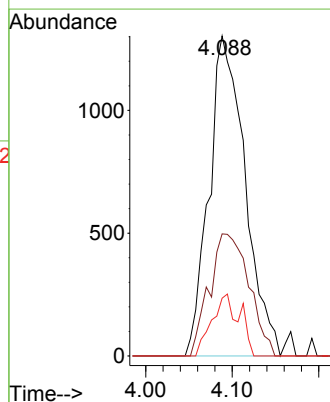
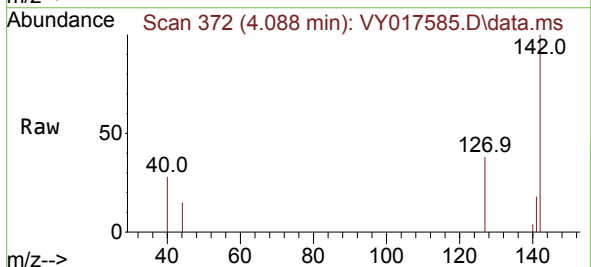
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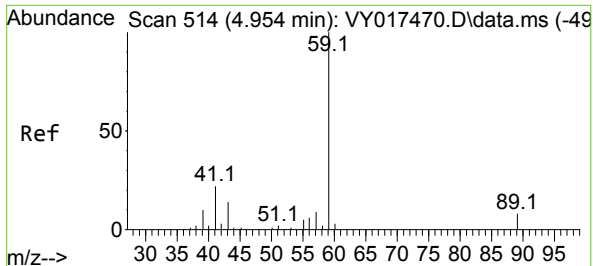
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Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 76.3 61.7 92.5



#10
Methyl Iodide
Concen: 2.695 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion:142 Resp: 3764
Ion Ratio Lower Upper
142 100
127 42.0 32.8 49.2
141 14.9 11.4 17.2





#11

Tert butyl alcohol

Concen: 19.033 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

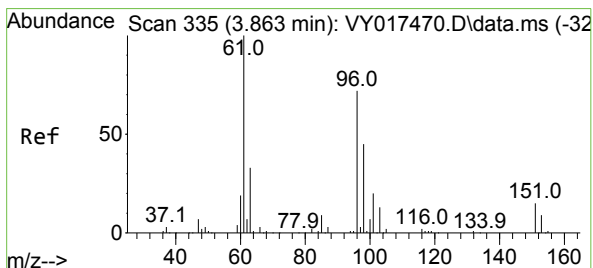
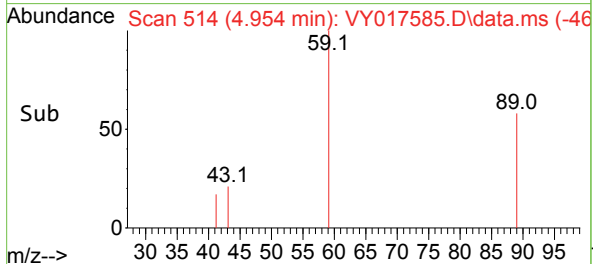
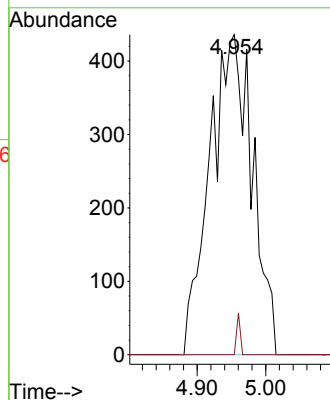
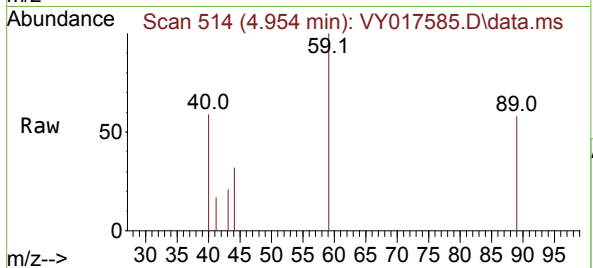
MDL01

Tgt Ion: 59 Resp: 1881

Ion Ratio Lower Upper

59 100

57 1.1 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 3.171 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

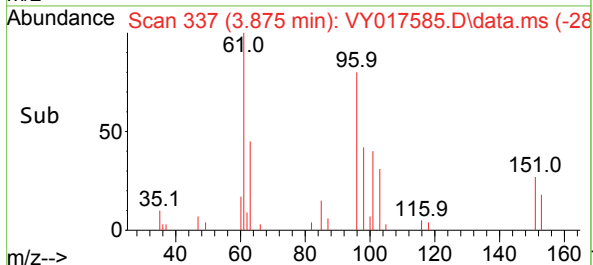
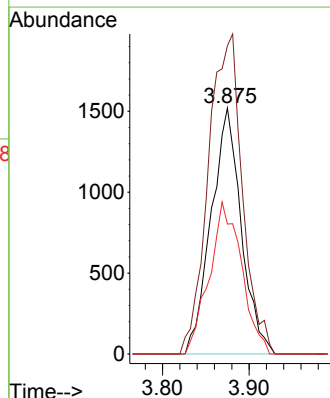
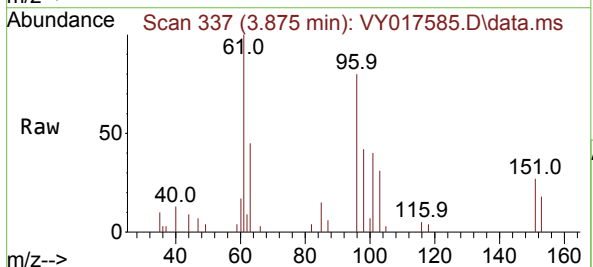
Tgt Ion: 96 Resp: 3678

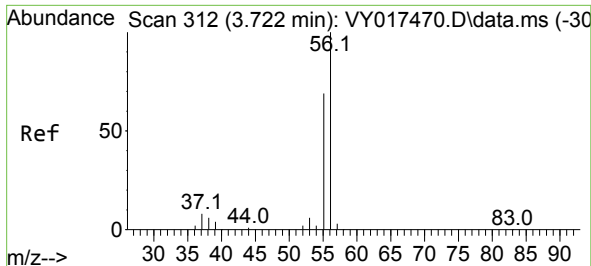
Ion Ratio Lower Upper

96 100

61 125.3 114.6 171.8

98 52.8 50.8 76.2





#13

Acrolein

Concen: 14.670 ug/l

RT: 3.741 min Scan# 312

Delta R.T. 0.018 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

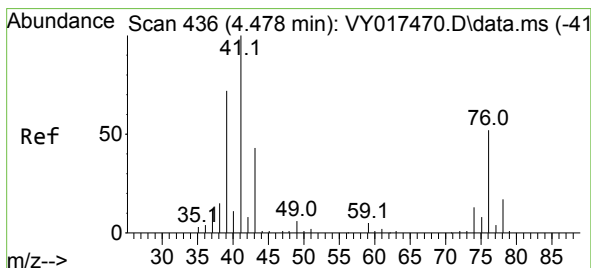
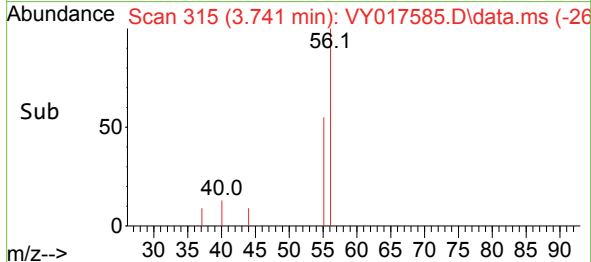
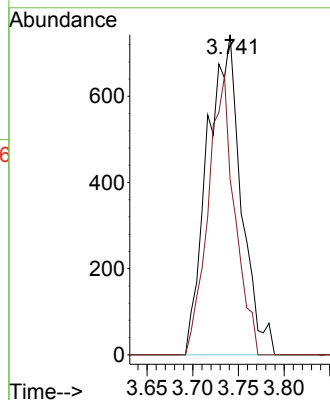
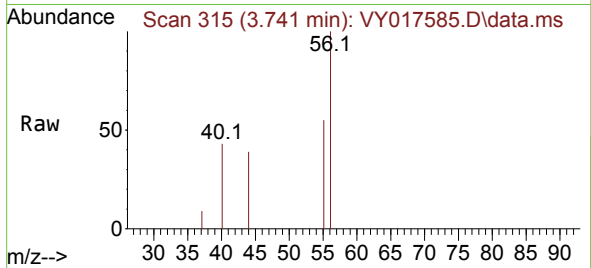
MDL01

Tgt Ion: 56 Resp: 1913

Ion Ratio Lower Upper

56 100

55 68.8 55.7 83.5



#14

Allyl chloride

Concen: 2.765 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

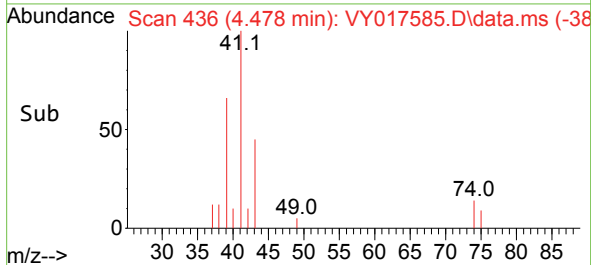
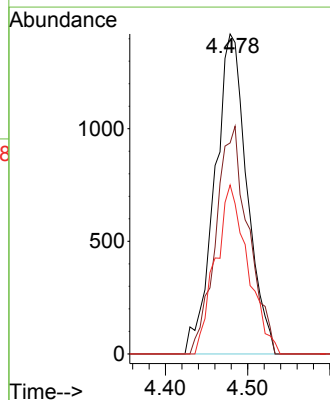
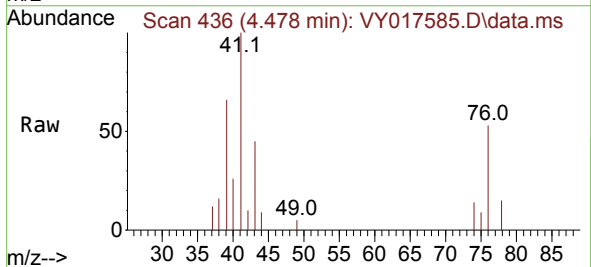
Tgt Ion: 41 Resp: 3874

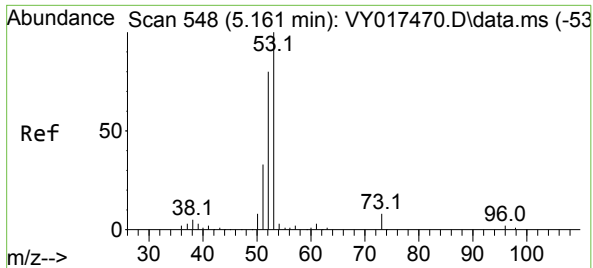
Ion Ratio Lower Upper

41 100

39 72.0 58.3 87.5

76 52.9 39.0 58.6

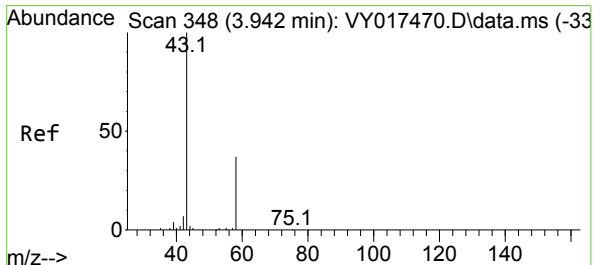
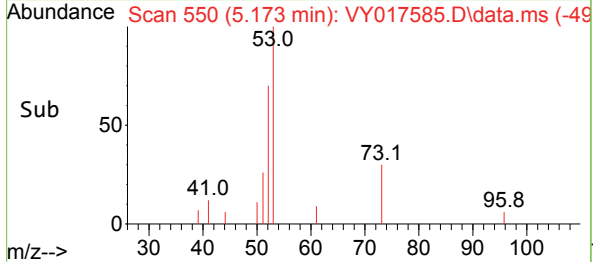
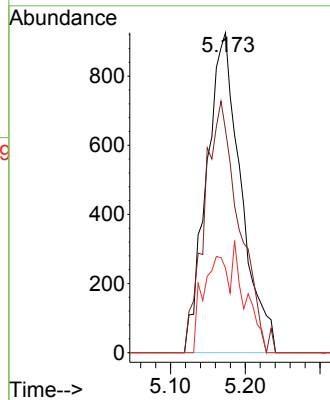
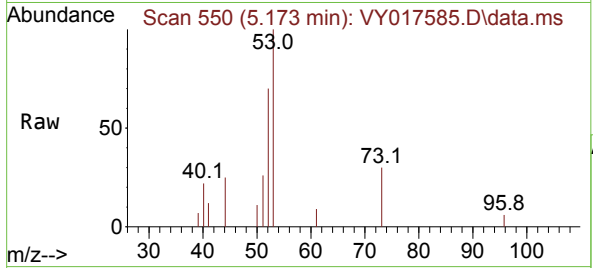




#15
Acrylonitrile
Concen: 11.313 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

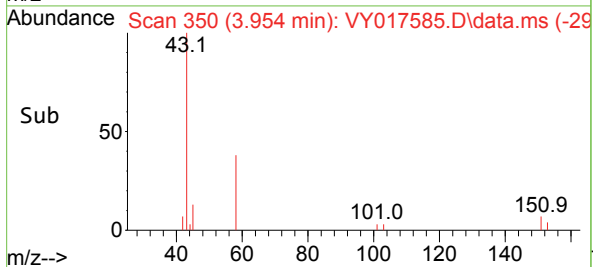
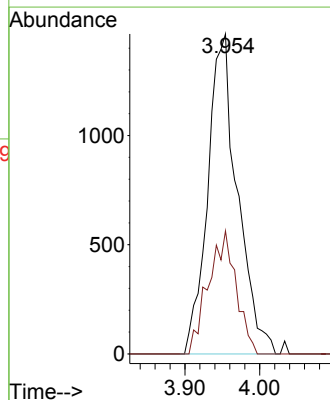
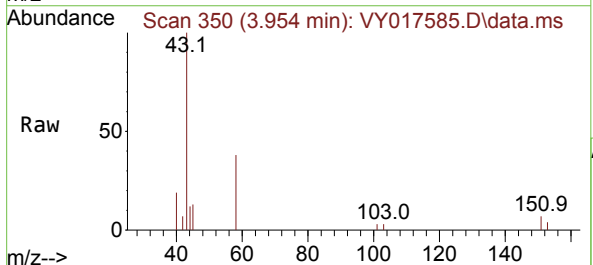
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

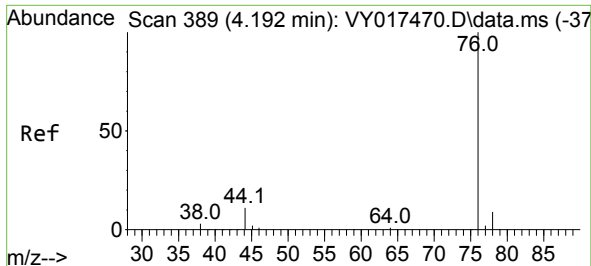
Tgt Ion: 53 Resp: 2951
Ion Ratio Lower Upper
53 100
52 79.1 64.7 97.1
51 22.1 28.4 42.6#



#16
Acetone
Concen: 17.956 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 43 Resp: 4052
Ion Ratio Lower Upper
43 100
58 38.4 31.7 47.5

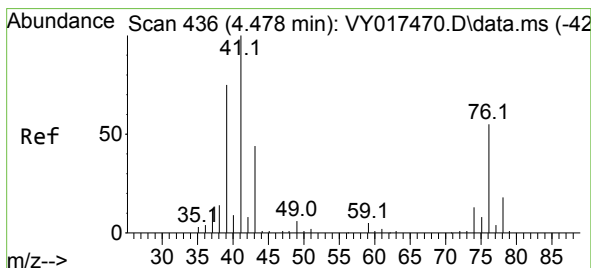
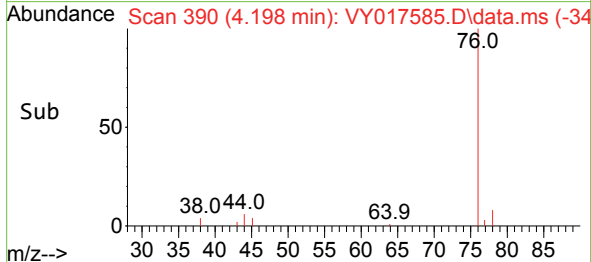
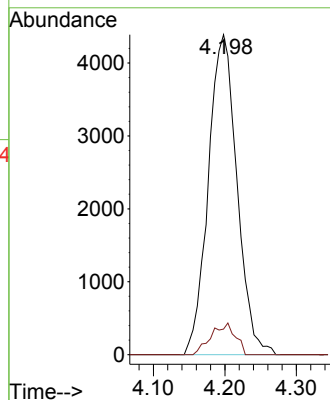
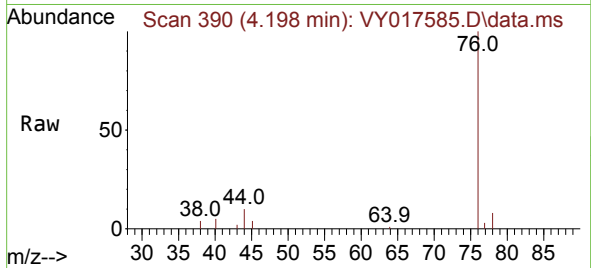




#17
Carbon Disulfide
Concen: 3.513 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

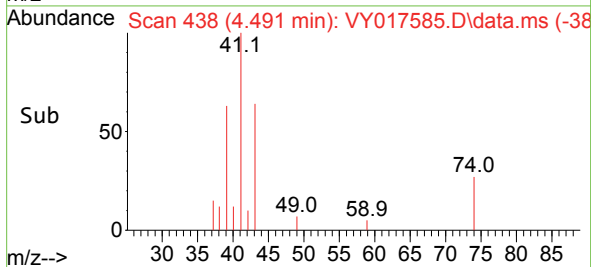
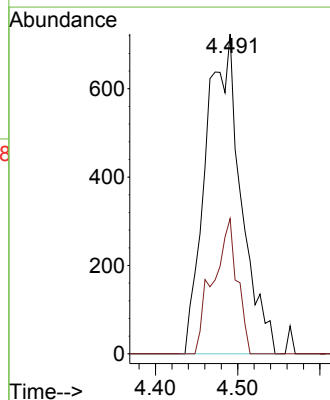
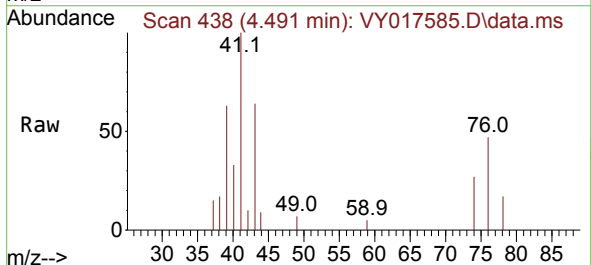
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Tgt Ion: 76 Resp: 12229
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 3.945 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 43 Resp: 2160
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 2.392 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

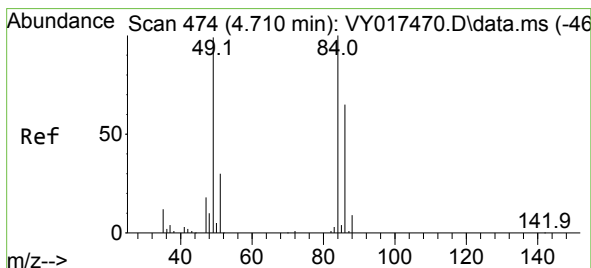
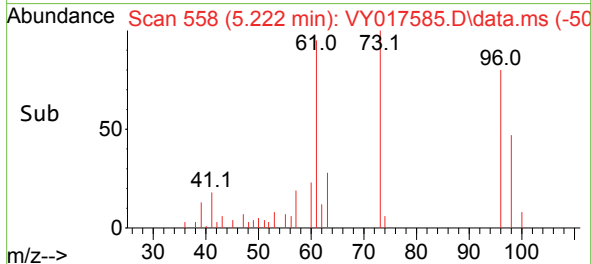
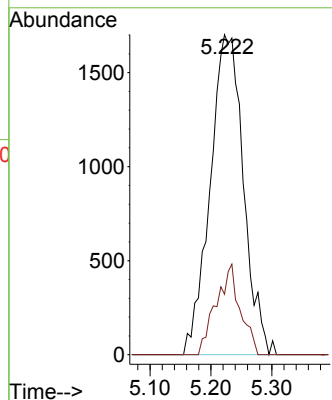
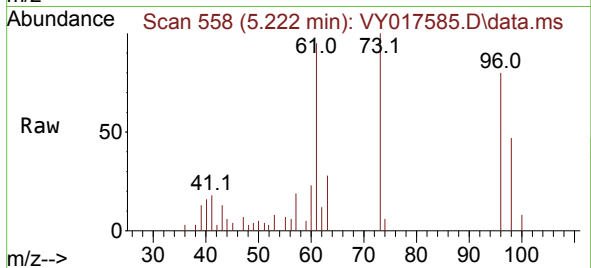
MDL01

Tgt Ion: 73 Resp: 6465

Ion Ratio Lower Upper

73 100

57 18.9 17.3 25.9



#20

Methylene Chloride

Concen: 6.659 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Tgt Ion: 84 Resp: 10758

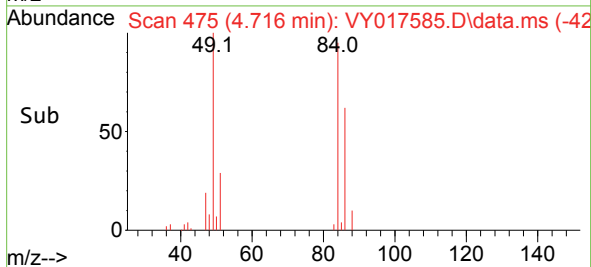
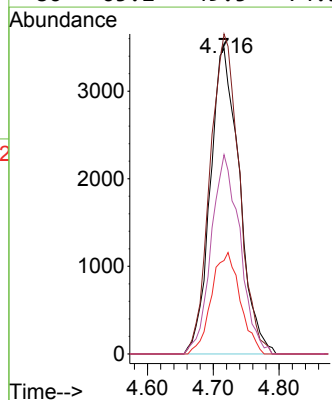
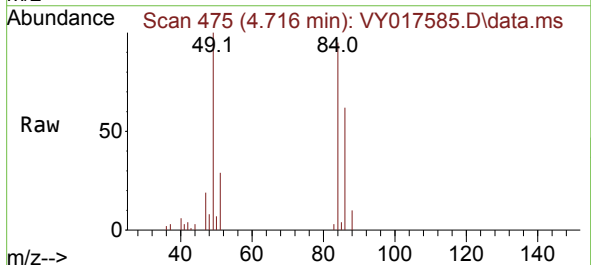
Ion Ratio Lower Upper

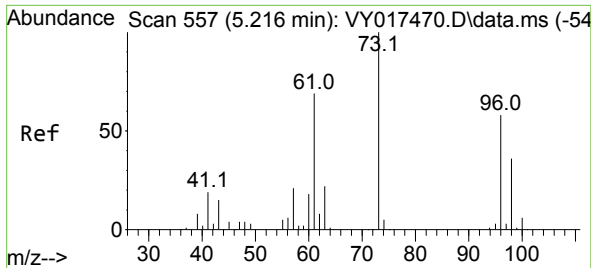
84 100

49 104.8 84.4 126.6

51 30.6 26.0 39.0

86 65.2 49.5 74.3

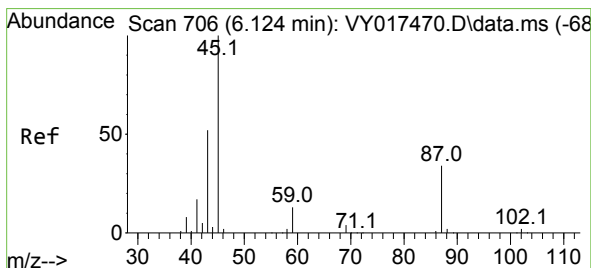
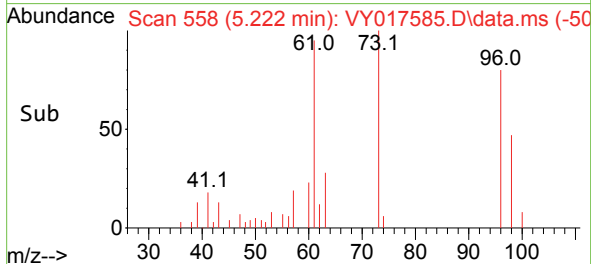
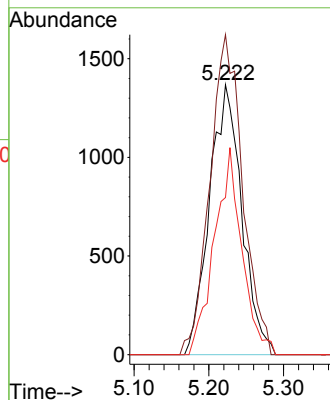
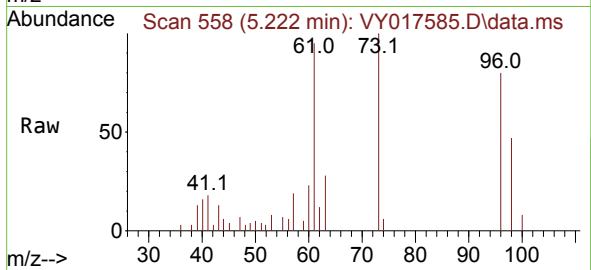




#21
trans-1,2-Dichloroethene
Concen: 3.028 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

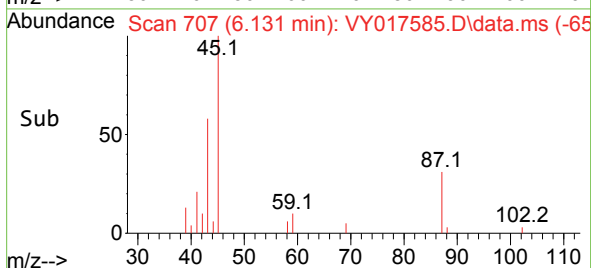
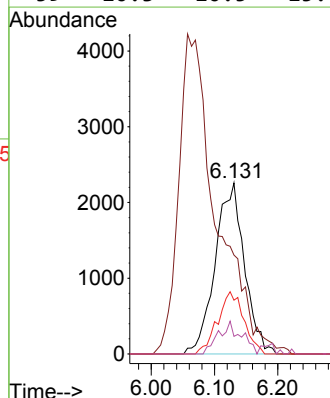
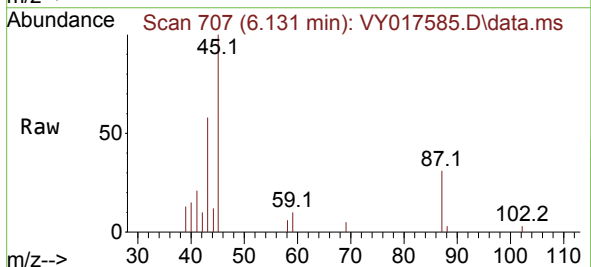
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

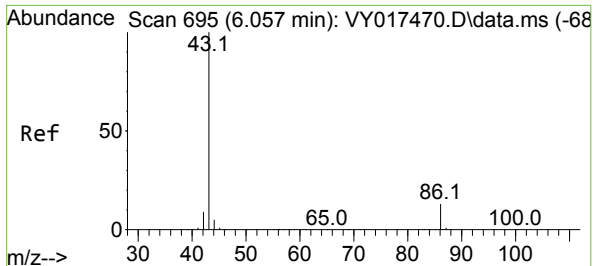
Tgt Ion: 96	Resp: 4112
Ion Ratio	Lower Upper
96 100	
61 118.6	97.5 146.3
98 58.2	50.5 75.7



#22
Diisopropyl ether
Concen: 2.237 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt	Ion: 45	Resp:	7235
Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.2	63.2
87	31.4	25.0	37.6
59	10.3	10.5	15.7#

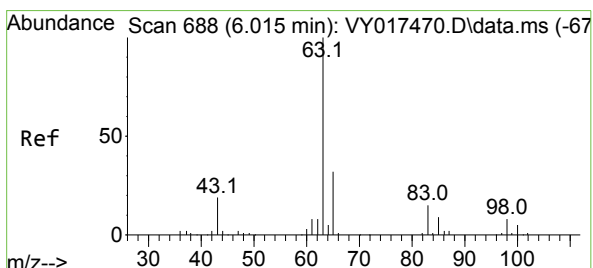
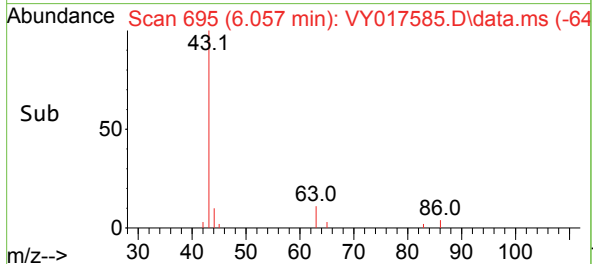
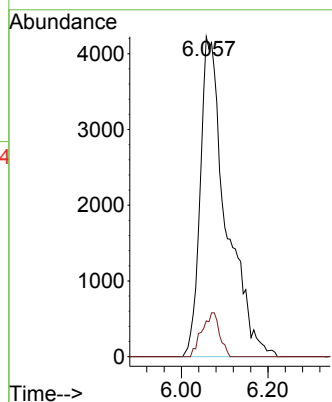
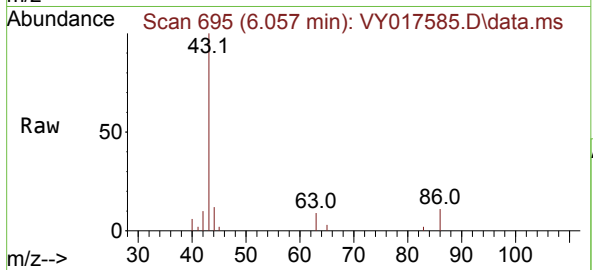




#23
 Vinyl Acetate
 Concen: 9.083 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017585.D
 Acq: 06 Mar 2024 11:37

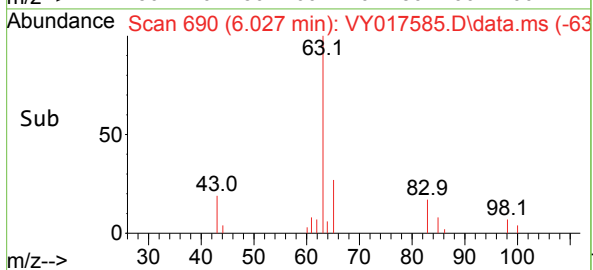
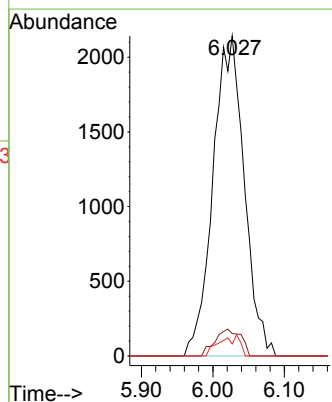
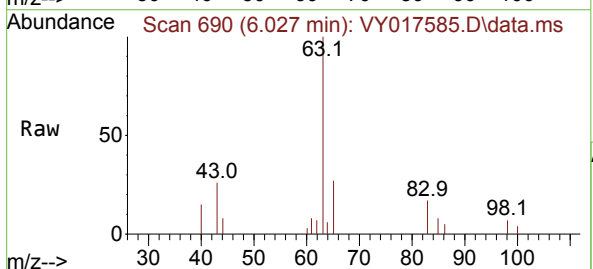
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL01

Tgt Ion: 43 Resp: 17502
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 2.938 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017585.D
 Acq: 06 Mar 2024 11:37

Tgt Ion: 63 Resp: 6490
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 3.8 2.6 8.0





#25

2-Butanone

Concen: 12.155 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

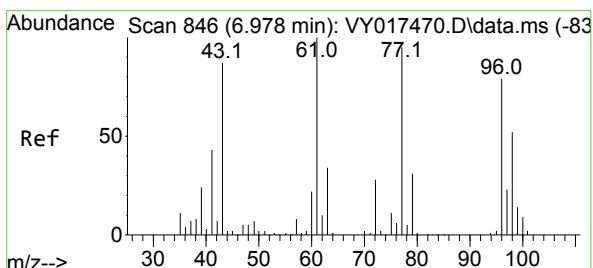
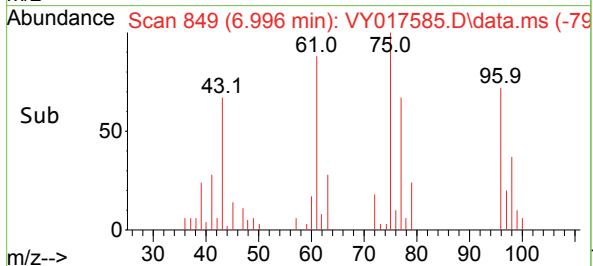
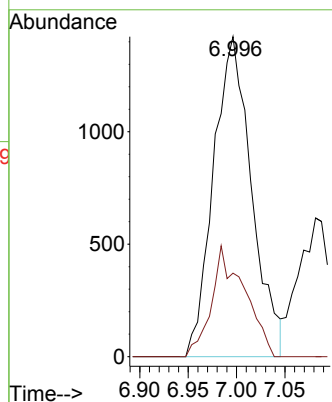
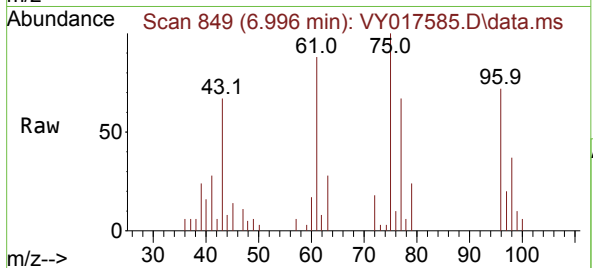
MDL01

Tgt Ion: 43 Resp: 3909

Ion Ratio Lower Upper

43 100

72 26.1 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 3.001 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017585.D

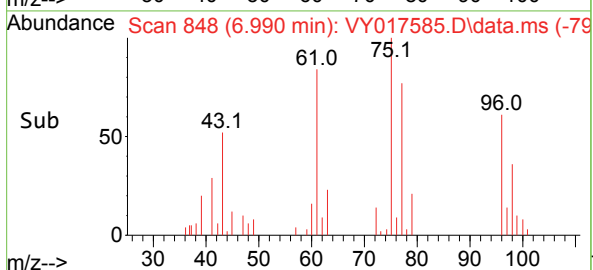
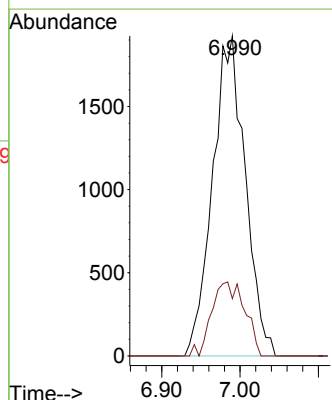
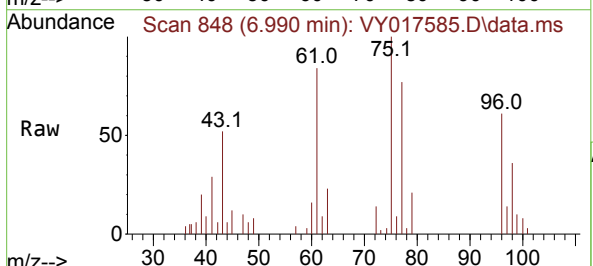
Acq: 06 Mar 2024 11:37

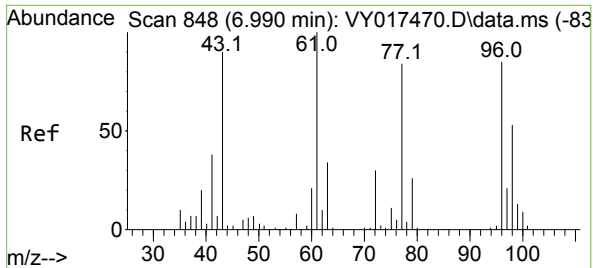
Tgt Ion: 77 Resp: 5574

Ion Ratio Lower Upper

77 100

97 23.4 12.0 36.1



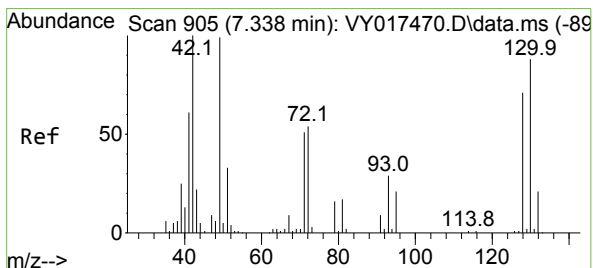
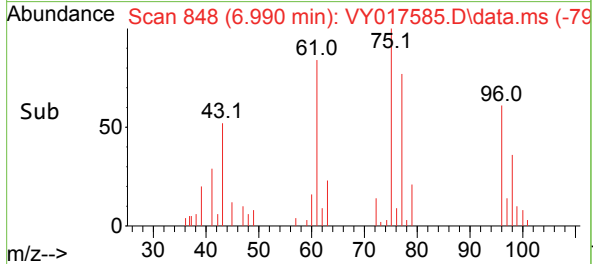
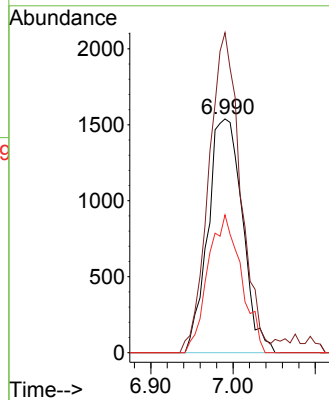
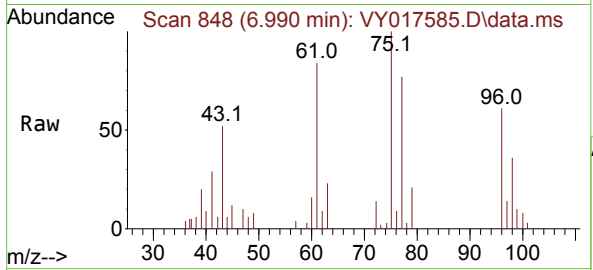


#27
cis-1,2-Dichloroethene
Concen: 2.939 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Tgt Ion: 96 Resp: 4481

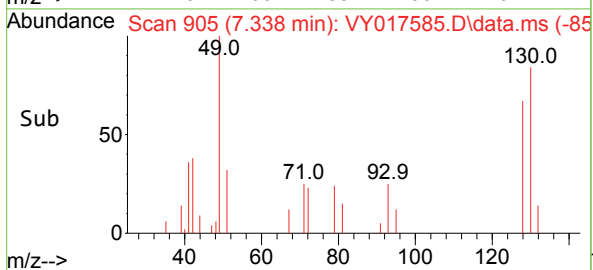
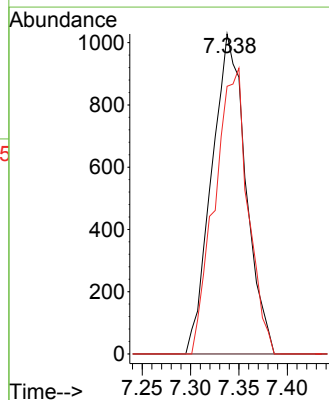
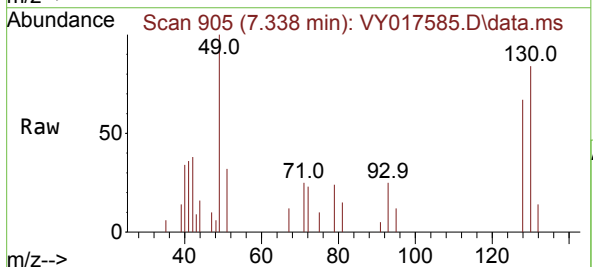
Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	256.2
98	57.1	0.0	130.0

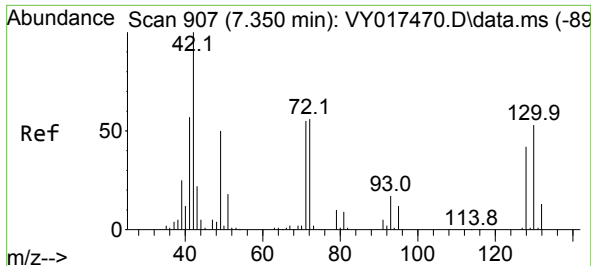


#28
Bromochloromethane
Concen: 2.899 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 49 Resp: 2522

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	87.2	72.7	109.1





#29

Tetrahydrofuran

Concen: 9.615 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

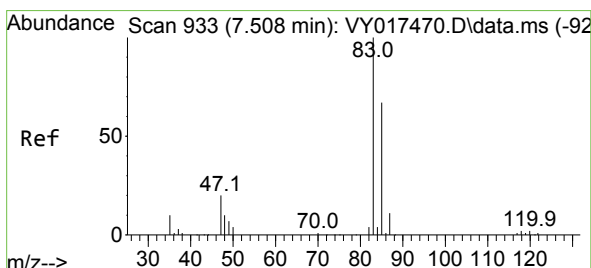
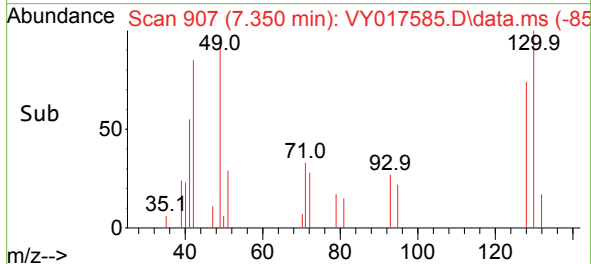
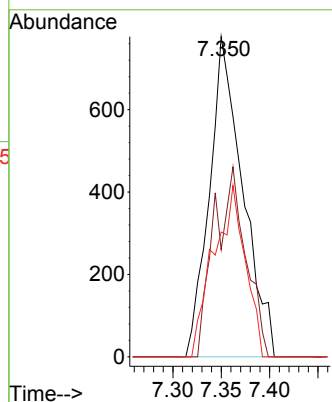
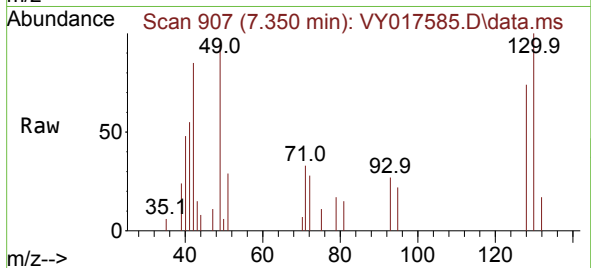
Tgt Ion: 42 Resp: 1864

Ion Ratio Lower Upper

42 100

72 56.3 43.0 64.4

71 50.6 40.8 61.2



#30

Chloroform

Concen: 2.960 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY017585.D

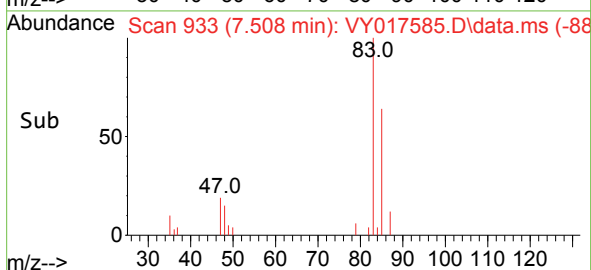
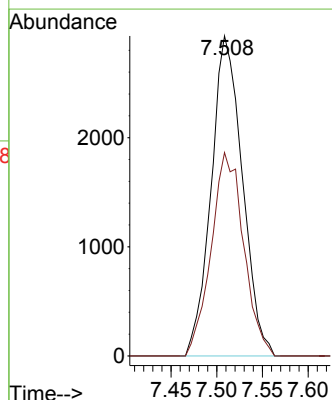
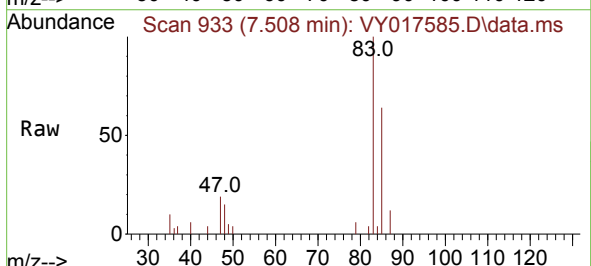
Acq: 06 Mar 2024 11:37

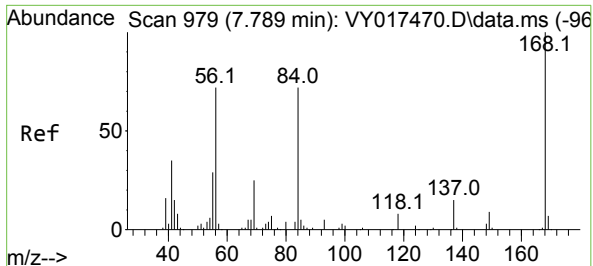
Tgt Ion: 83 Resp: 6963

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.4

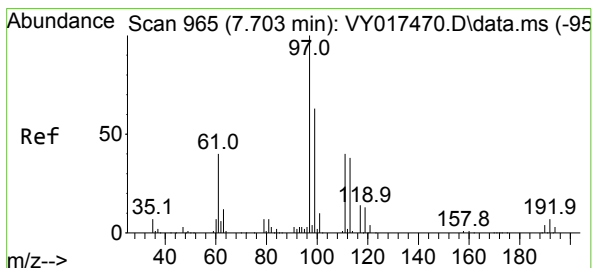
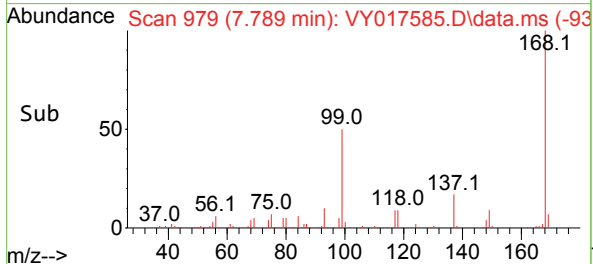
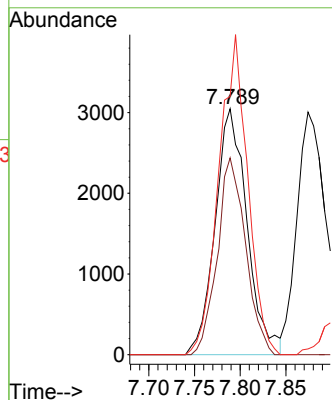
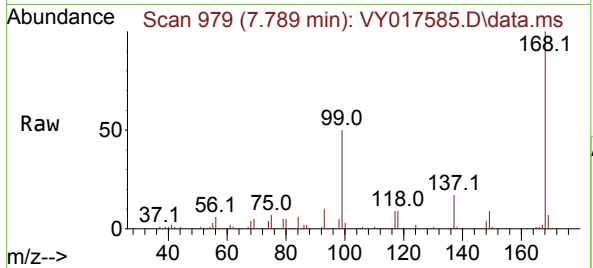




#31
Cyclohexane
Concen: 3.903 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

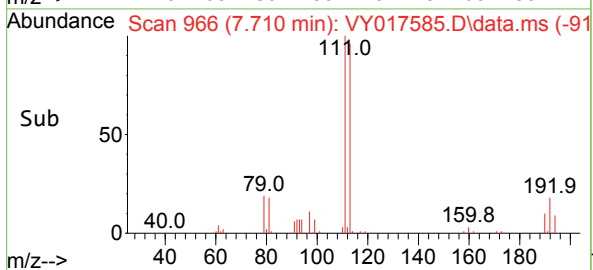
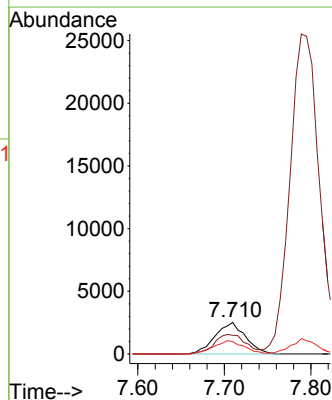
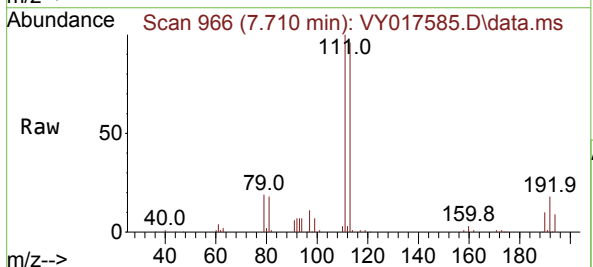
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

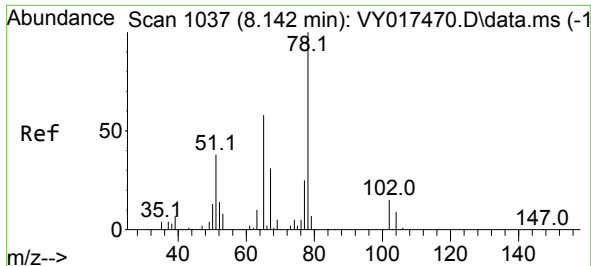
Tgt Ion: 56 Resp: 7391
Ion Ratio Lower Upper
56 100
69 80.0 28.7 43.1#
84 105.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 2.990 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 97 Resp: 6106
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 41.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.185 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

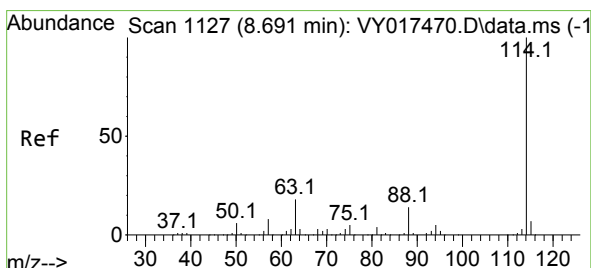
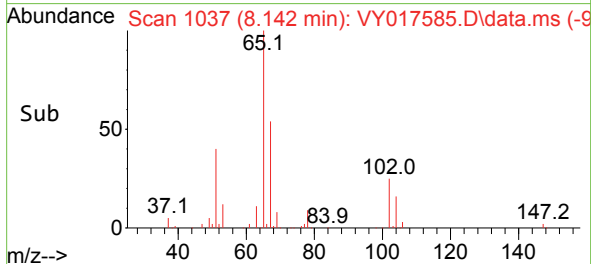
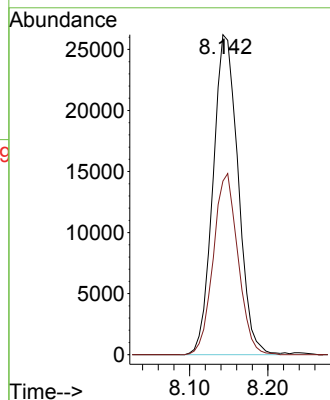
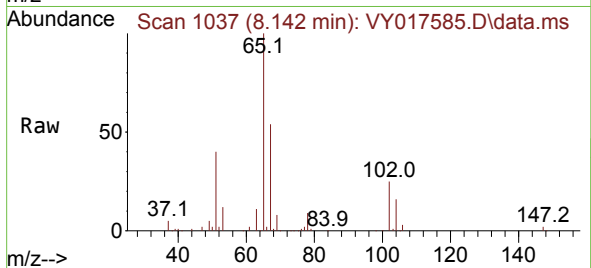
MDL01

Tgt Ion: 65 Resp: 58389

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

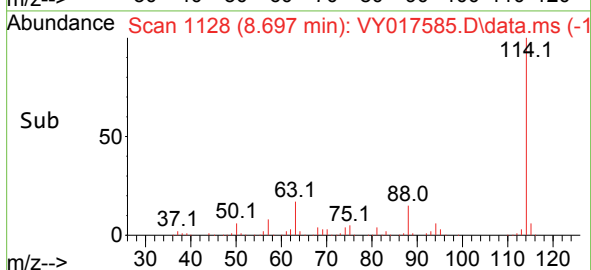
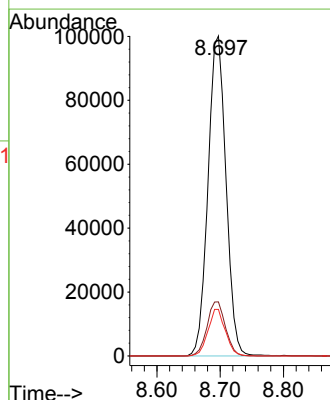
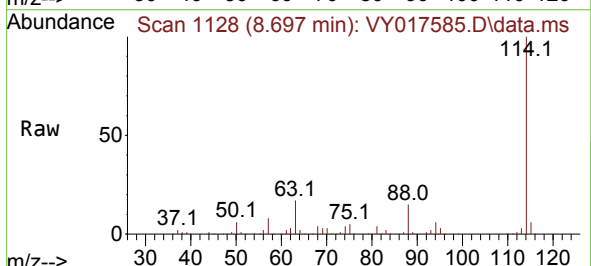
Tgt Ion: 114 Resp: 198124

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.5 0.0 27.2

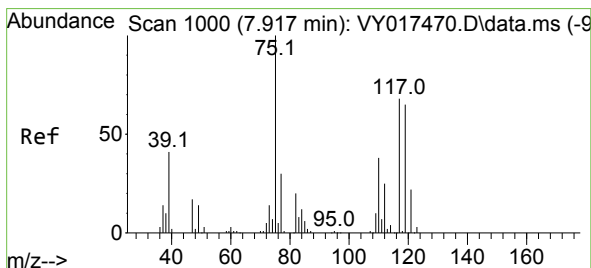
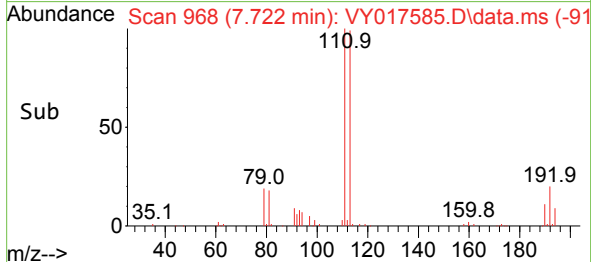
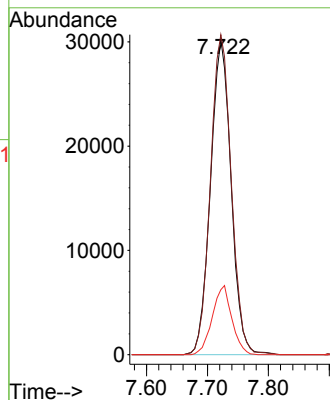
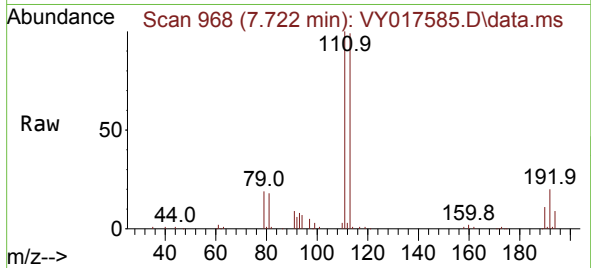




#35
Dibromofluoromethane
Concen: 51.307 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

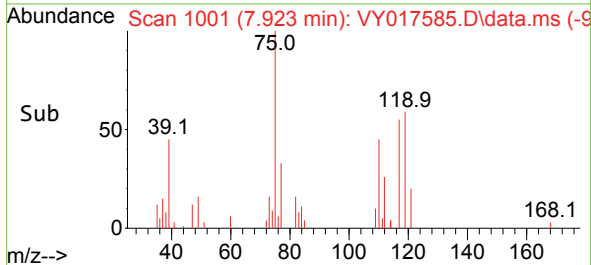
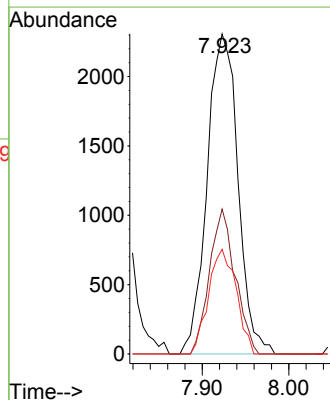
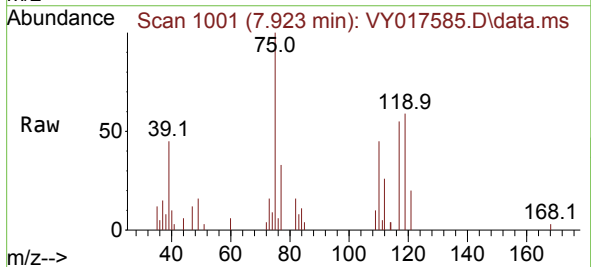
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

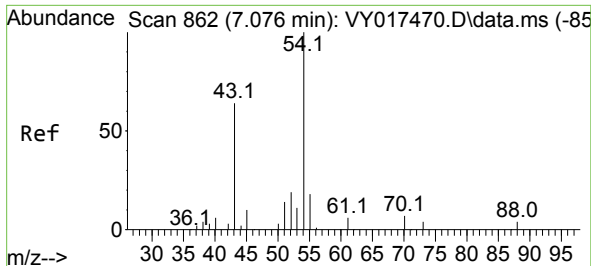
Tgt Ion:113 Resp: 70834
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.065 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 75 Resp: 5709
Ion Ratio Lower Upper
75 100
110 37.9 19.0 57.0
77 29.4 25.3 37.9





#37

Ethyl Acetate

Concen: 2.324 ug/l

RT: 7.082 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

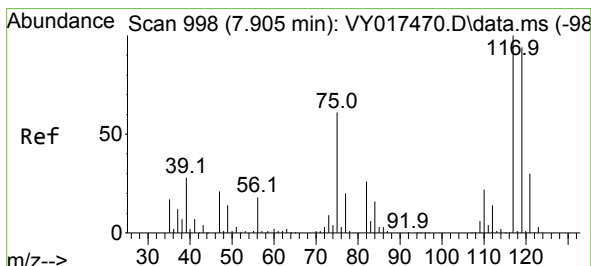
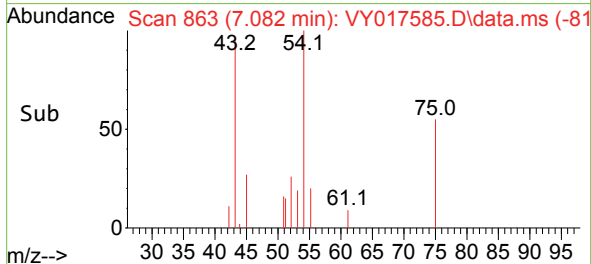
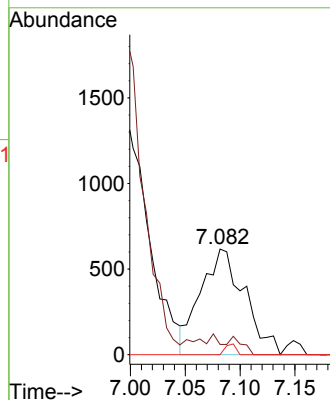
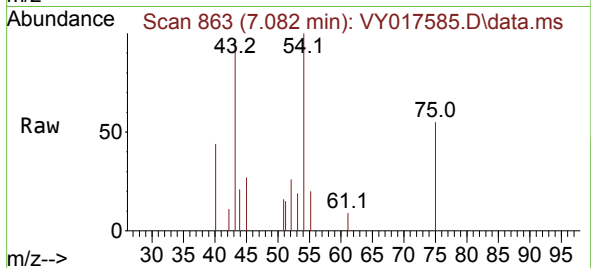
Tgt Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 2.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 3.111 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

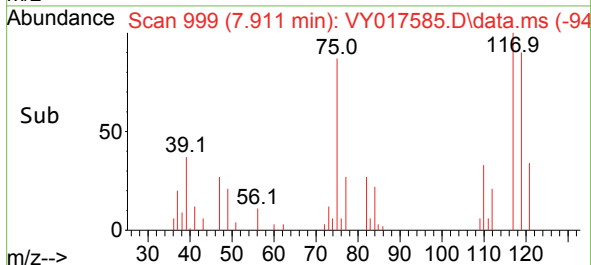
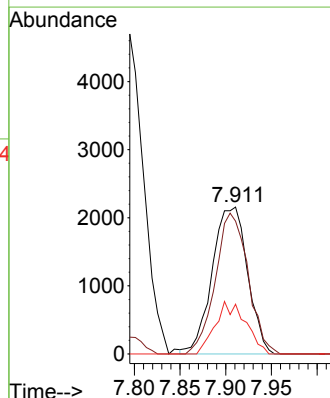
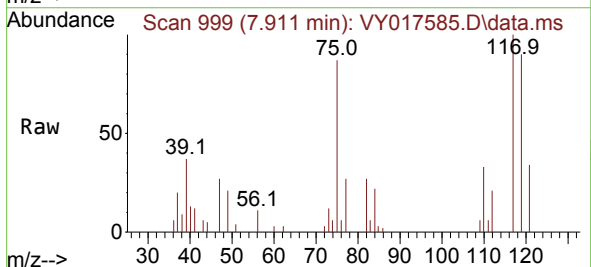
Tgt Ion: 117 Resp: 5807

Ion Ratio Lower Upper

117 100

119 90.4 75.8 113.6

121 33.8 24.0 36.0





#39

Methylcyclohexane

Concen: 3.224 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

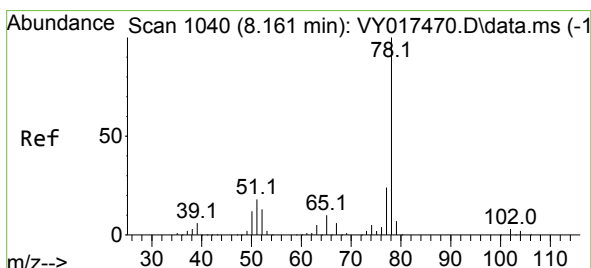
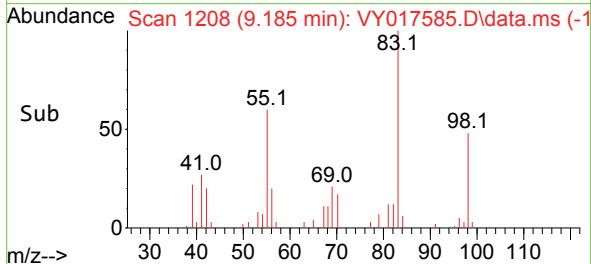
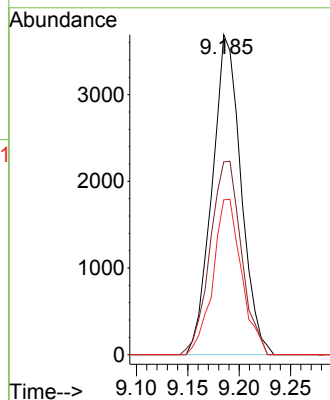
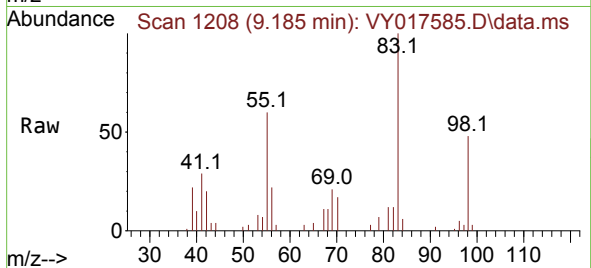
Tgt Ion: 83 Resp: 7217

Ion Ratio Lower Upper

83 100

55 60.2 51.5 77.3

98 48.4 40.5 60.7



#40

Benzene

Concen: 2.786 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017585.D

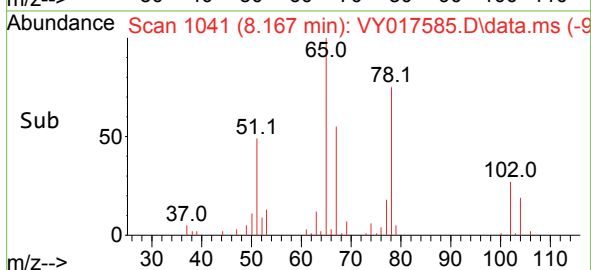
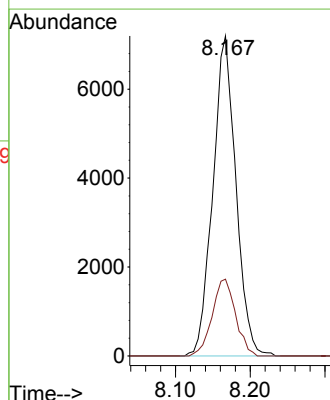
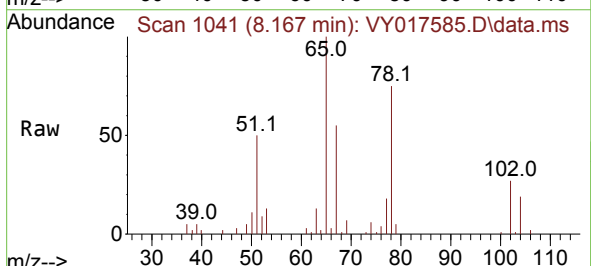
Acq: 06 Mar 2024 11:37

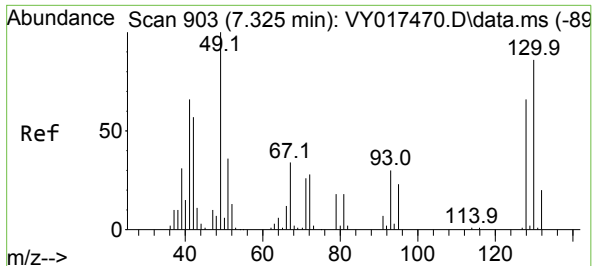
Tgt Ion: 78 Resp: 15410

Ion Ratio Lower Upper

78 100

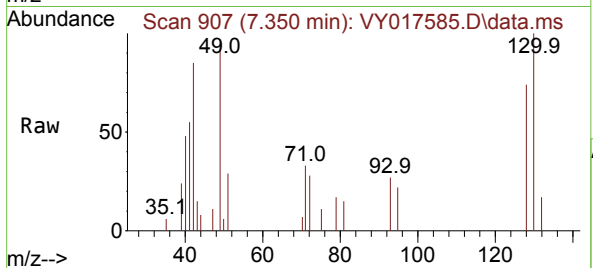
77 24.0 19.5 29.3





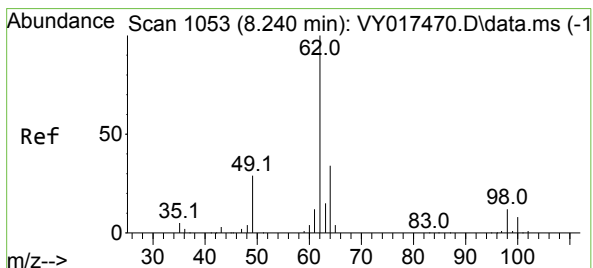
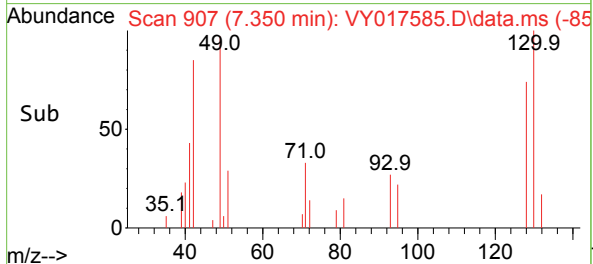
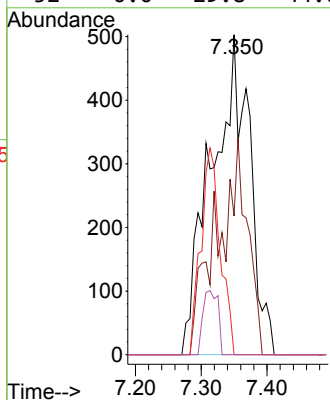
#41
Methacrylonitrile
Concen: 5.482 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.024 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Instrument :
MSVOA_Y
ClientSampleId :
MDL01



Tgt Ion: 41 Resp: 2024

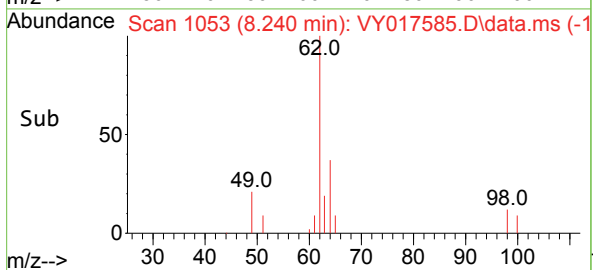
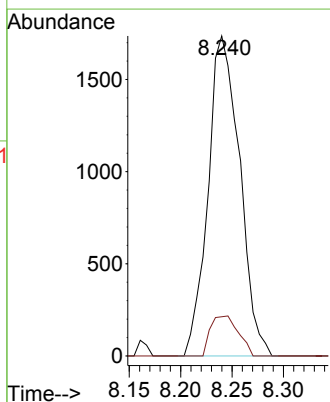
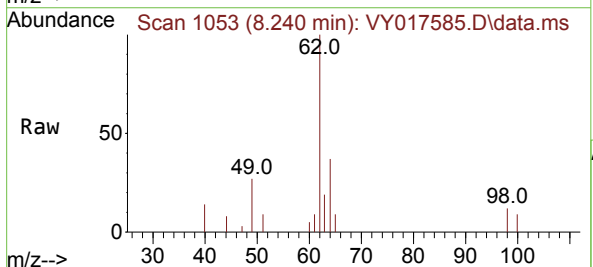
Ion	Ratio	Lower	Upper
41	100		
39	30.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#

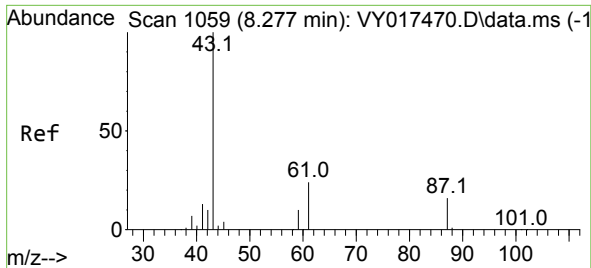


#42
1,2-Dichloroethane
Concen: 2.758 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 62 Resp: 3722

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0

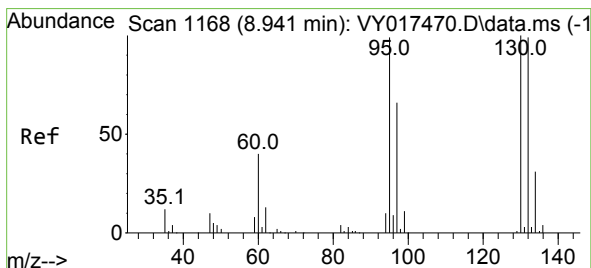
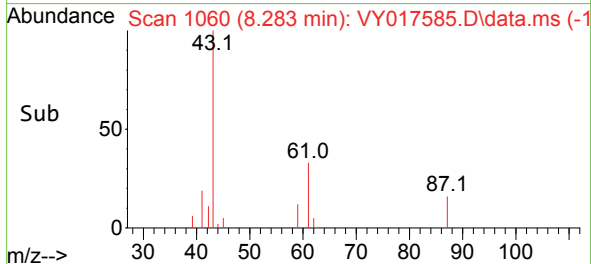
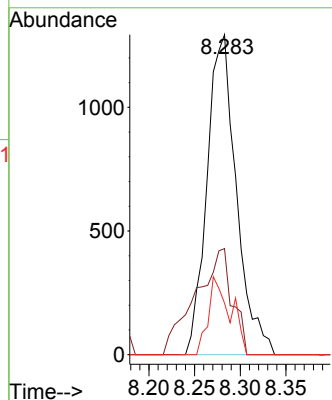
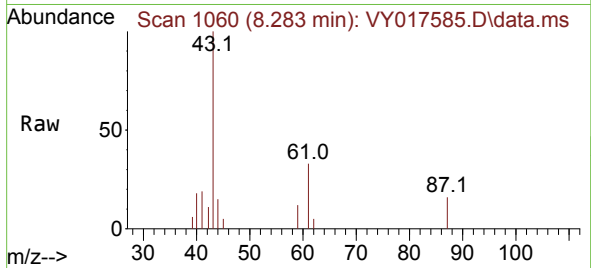




#43
Isopropyl Acetate
Concen: 2.236 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

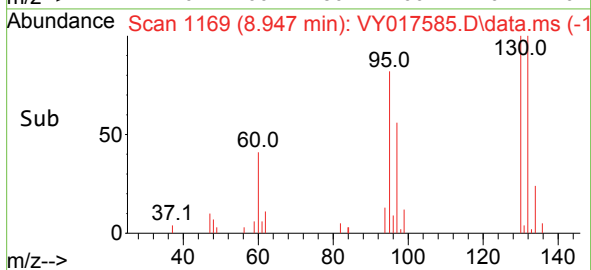
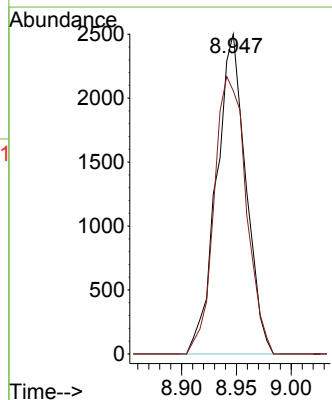
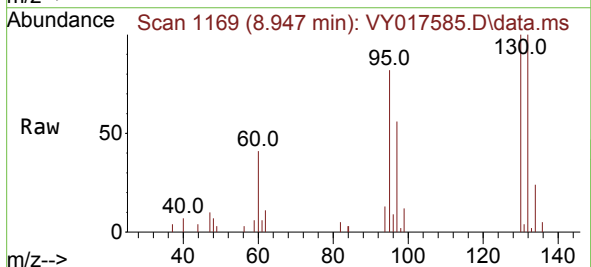
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

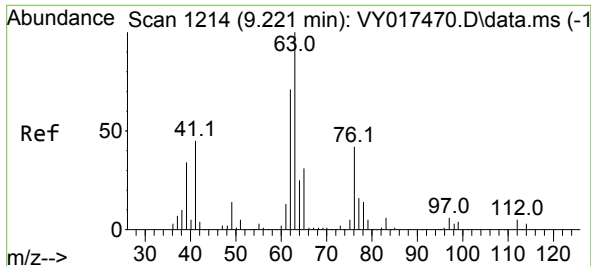
Tgt Ion: 43	Resp:	2891
Ion	Ratio	Lower Upper
43	100	
61	41.5	27.9 41.9
87	18.3	13.1 19.7



#44
Trichloroethene
Concen: 2.926 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 130	Resp:	4666
Ion	Ratio	Lower Upper
130	100	
95	82.2	0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.699 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

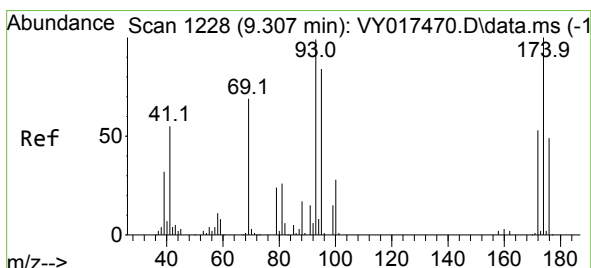
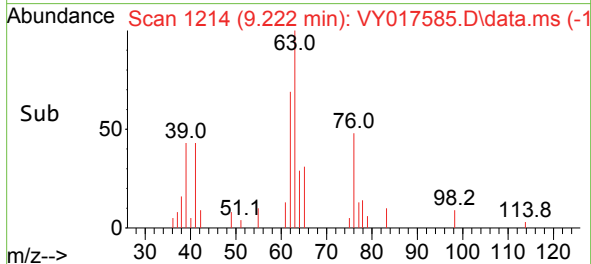
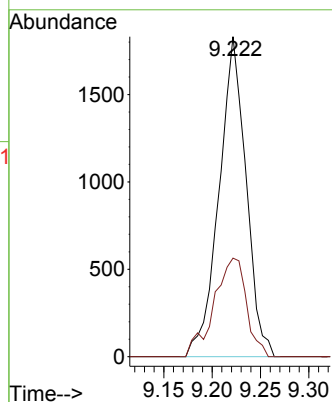
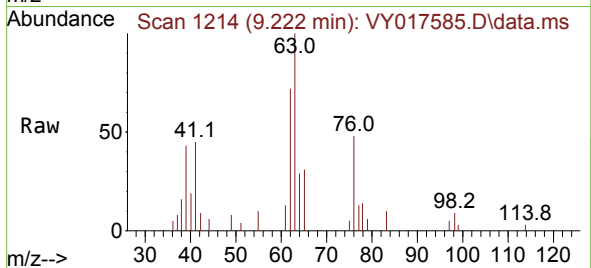
MDL01

Tgt Ion: 63 Resp: 3552

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 2.582 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

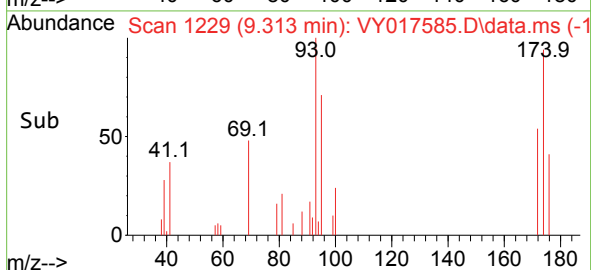
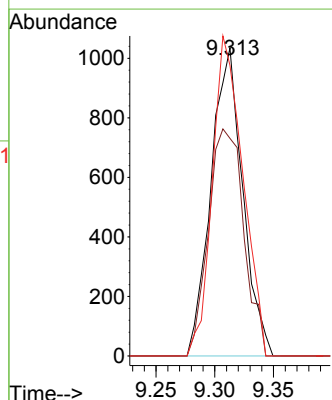
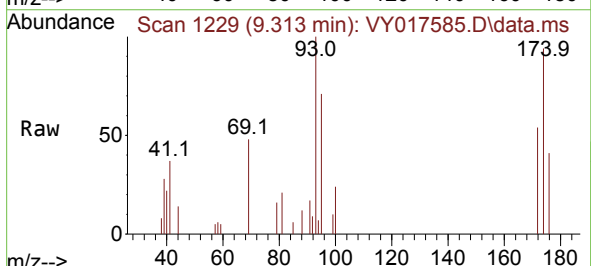
Tgt Ion: 93 Resp: 1945

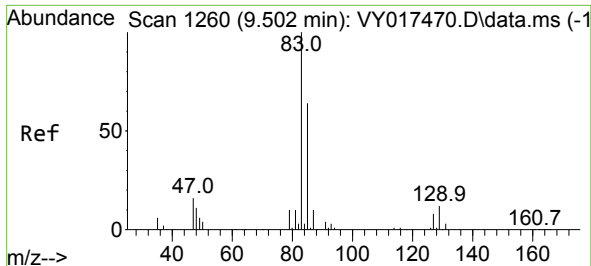
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 100.3 80.9 121.3

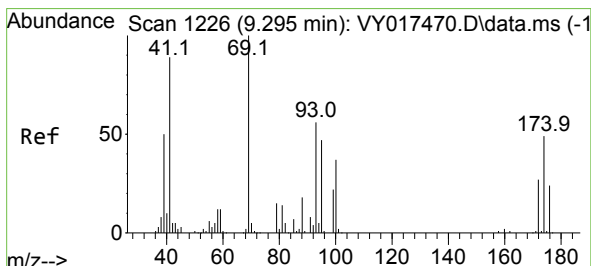
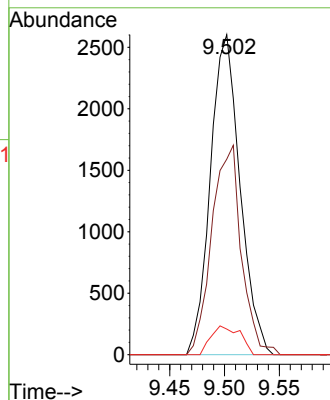
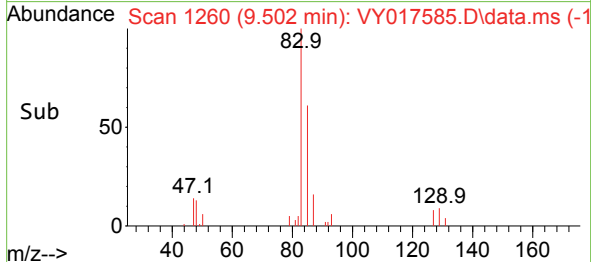
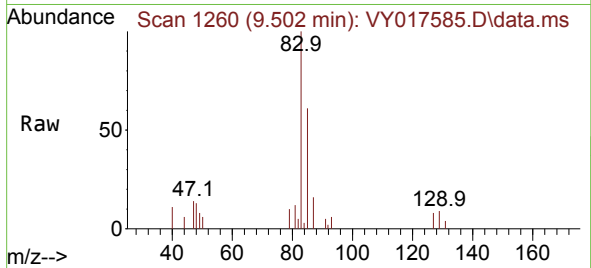




#47
Bromodichloromethane
Concen: 2.680 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

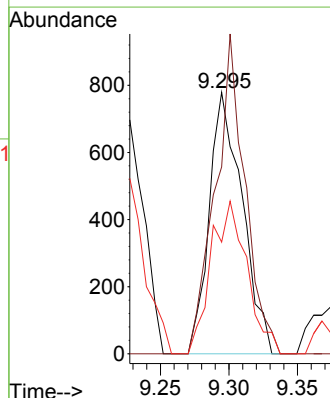
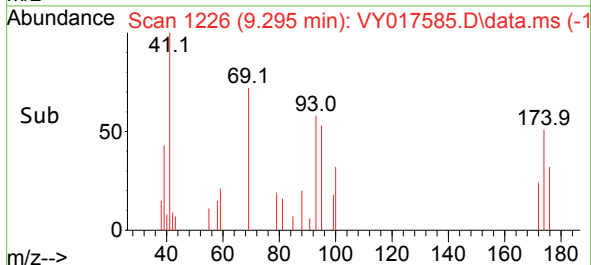
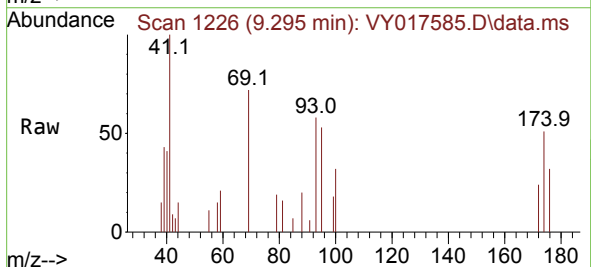
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

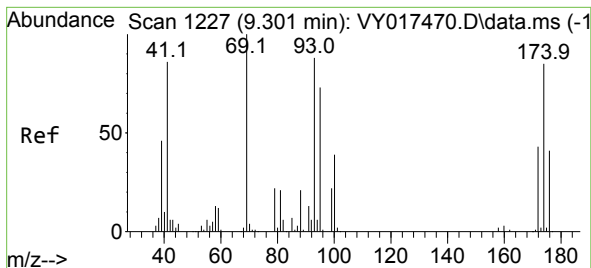
Tgt Ion: 83	Resp:	4902	
Ion Ratio	Lower	Upper	
83	100		
85	61.1	50.1	75.1
127	8.0	7.4	11.0



#48
Methyl methacrylate
Concen: 2.179 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 41	Resp:	1304	
Ion	Ratio	Lower	Upper
41	100		
69	110.0	84.1	126.1
39	63.5	43.6	65.4





#49

1,4-Dioxane

Concen: 39.652 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY017585.D

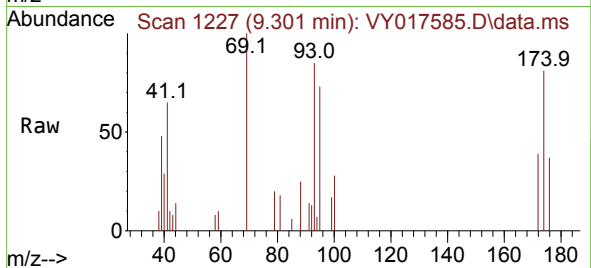
Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01



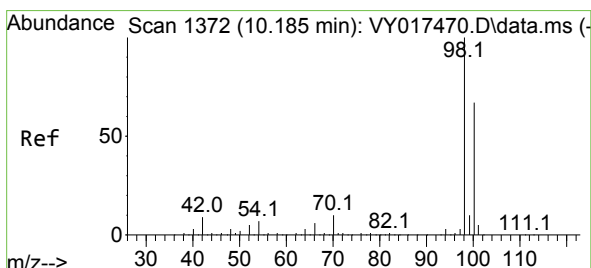
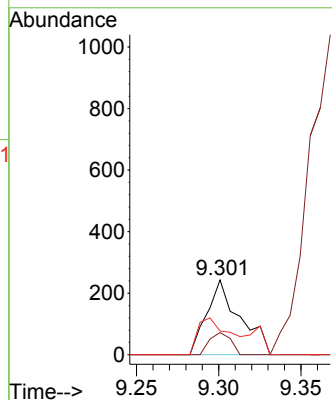
Tgt Ion: 88 Resp: 338

Ion Ratio Lower Upper

88 100

43 18.9 0.0 0.0#

58 64.2 49.3 73.9



#50

Toluene-d8

Concen: 54.153 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017585.D

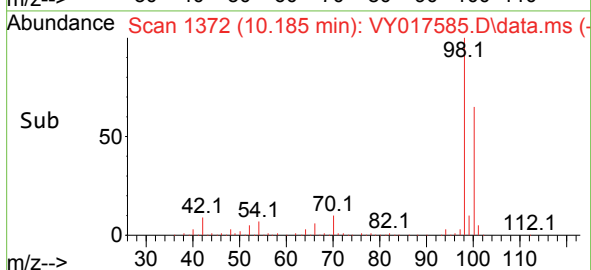
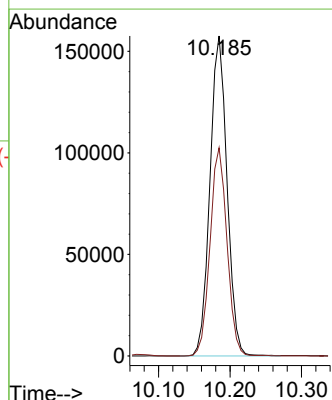
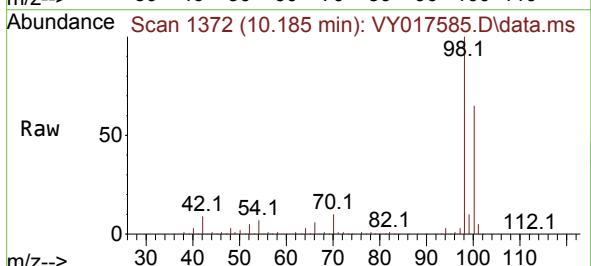
Acq: 06 Mar 2024 11:37

Tgt Ion: 98 Resp: 261401

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

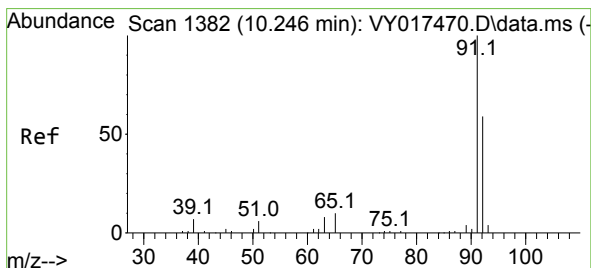
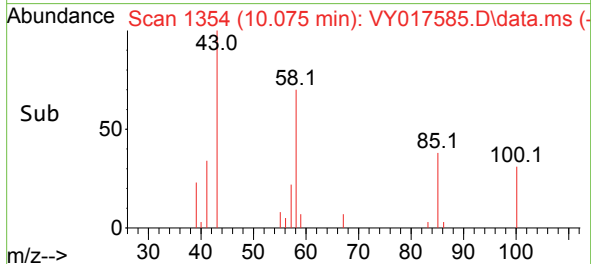
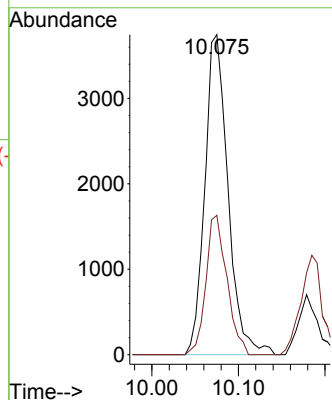
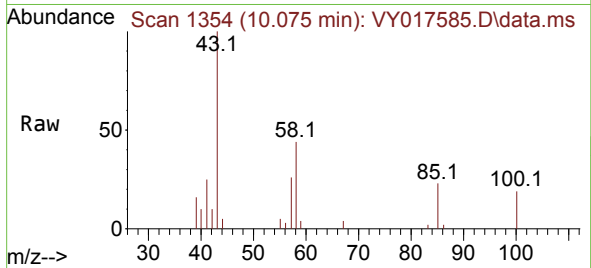




#51
4-Methyl-2-Pentanone
Concen: 9.661 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

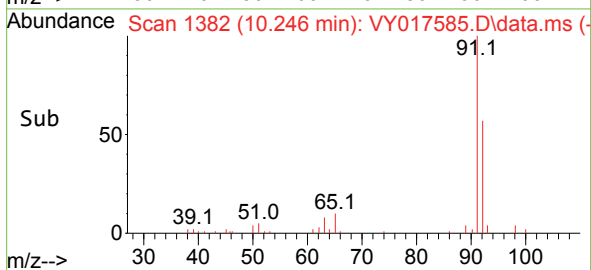
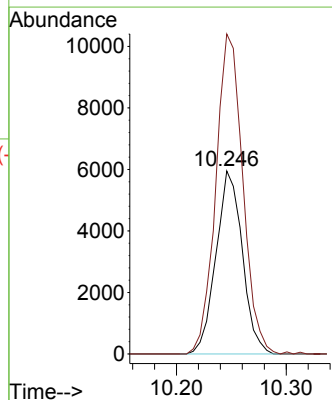
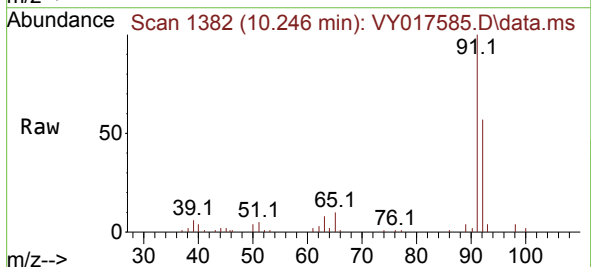
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

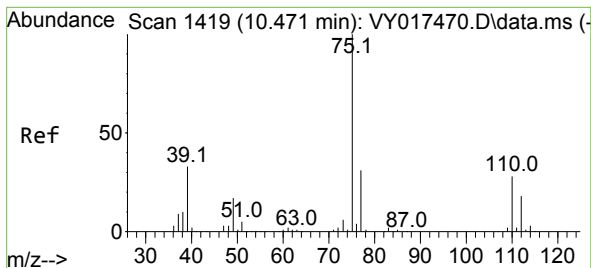
Tgt Ion: 43 Resp: 6961
Ion Ratio Lower Upper
43 100
58 39.5 35.7 53.5



#52
Toluene
Concen: 2.848 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 92 Resp: 9931
Ion Ratio Lower Upper
92 100
91 179.3 139.0 208.6

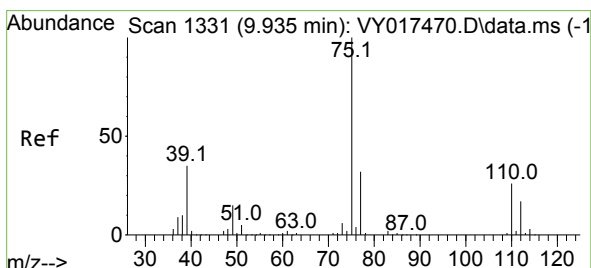
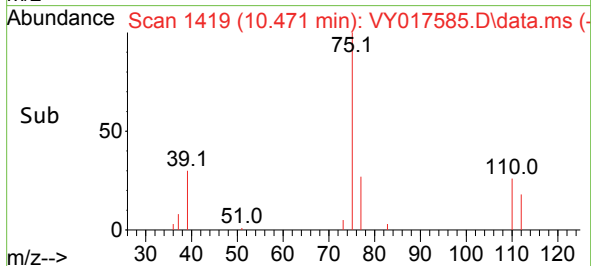
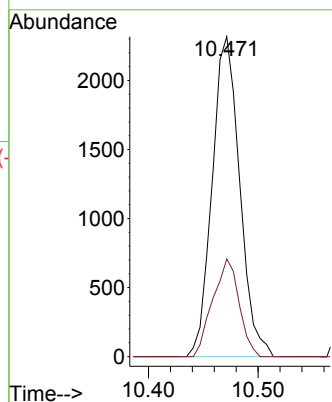
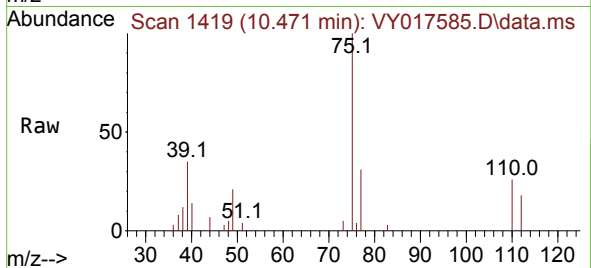




#53
t-1,3-Dichloropropene
Concen: 2.378 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

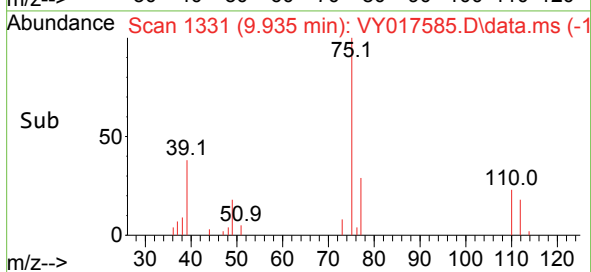
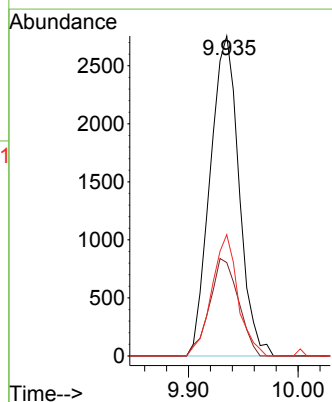
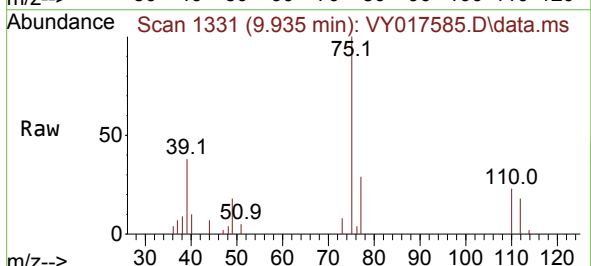
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

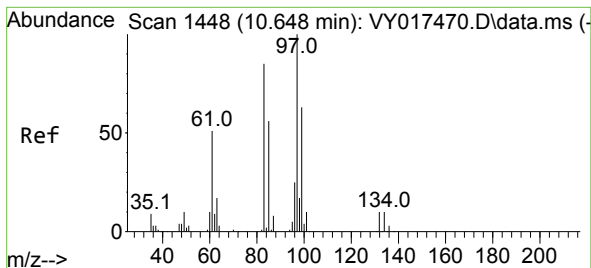
Tgt Ion: 75 Resp: 4036
Ion Ratio Lower Upper
75 100
77 30.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 2.442 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 75 Resp: 5036
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.0
39 37.9 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 2.510 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

Tgt Ion: 97 Resp: 2684

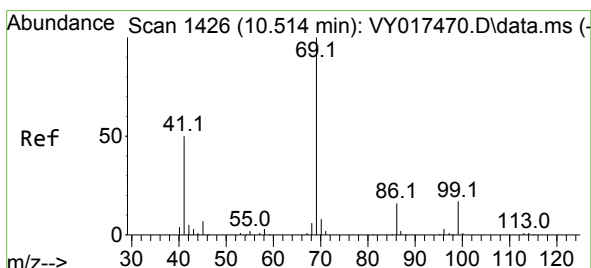
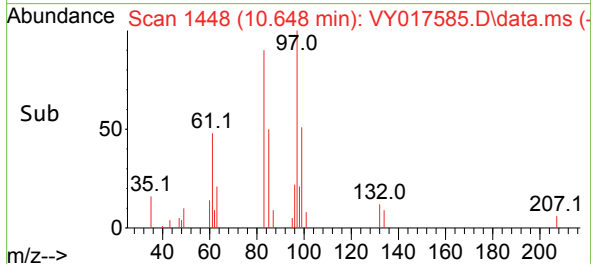
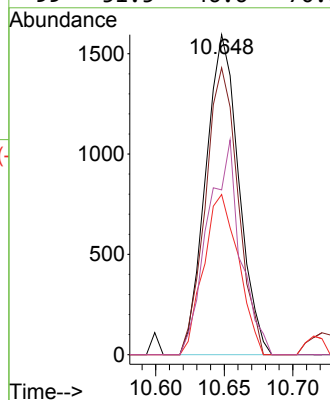
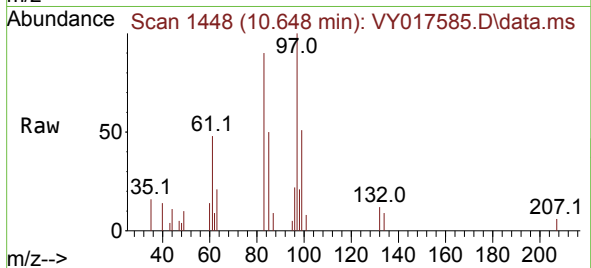
Ion Ratio Lower Upper

97 100

83 89.7 67.5 101.3

85 50.0 42.9 64.3

99 51.5 46.6 70.0



#56

Ethyl methacrylate

Concen: 1.361 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

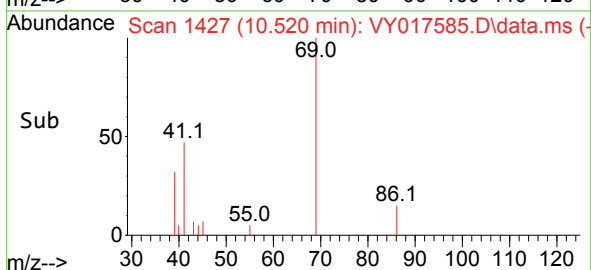
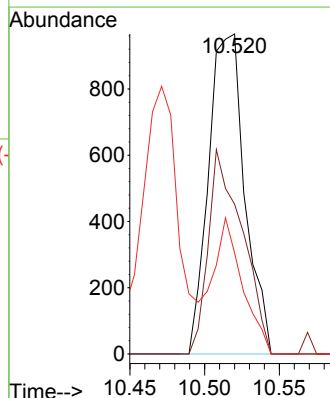
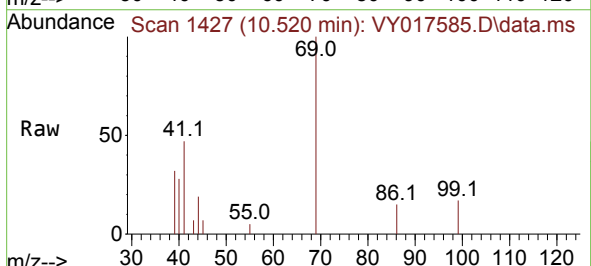
Tgt Ion: 69 Resp: 1632

Ion Ratio Lower Upper

69 100

41 59.7 42.3 63.5

39 34.9 22.9 34.3#

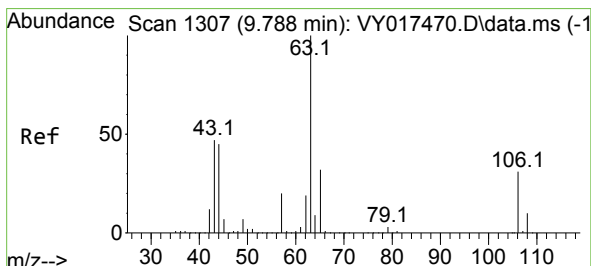
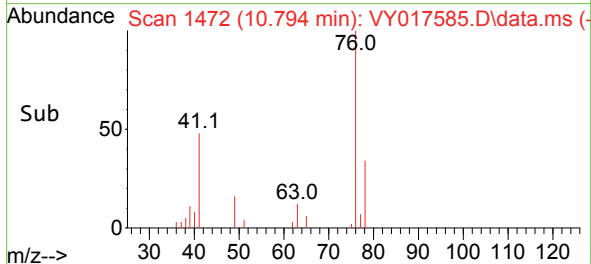
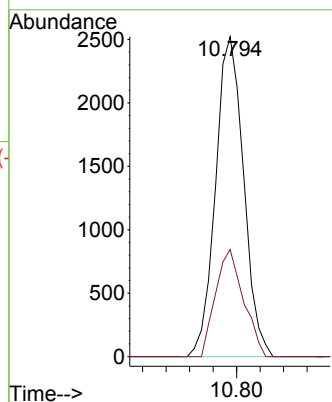
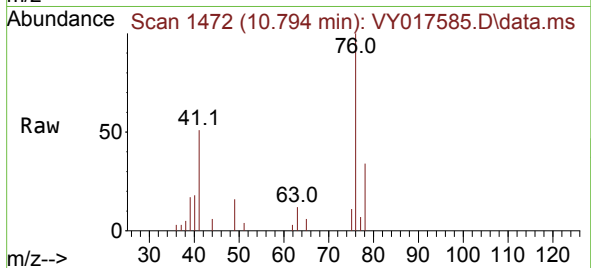




#57
1,3-Dichloropropane
Concen: 2.404 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

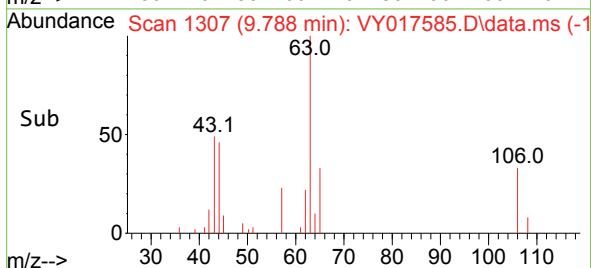
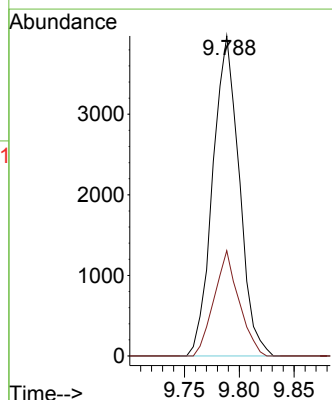
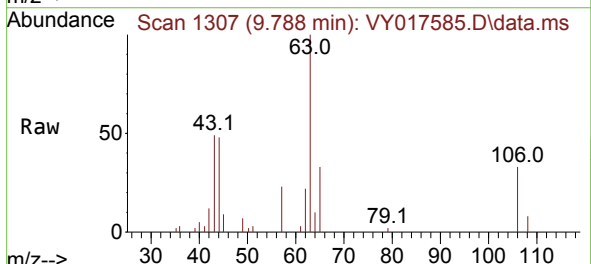
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

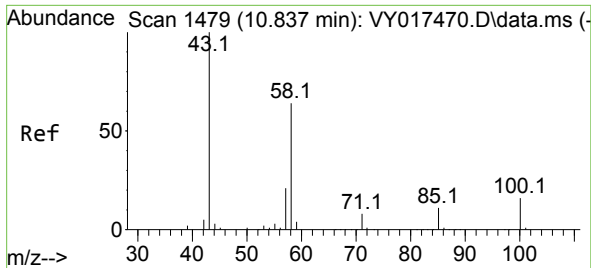
Tgt Ion: 76 Resp: 4180
Ion Ratio Lower Upper
76 100
78 33.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 10.826 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 63 Resp: 6681
Ion Ratio Lower Upper
63 100
106 30.9 23.7 35.5

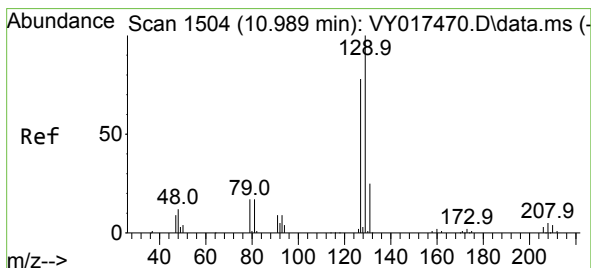
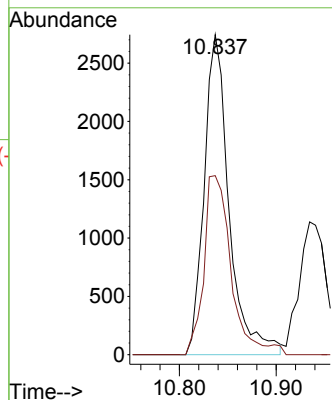
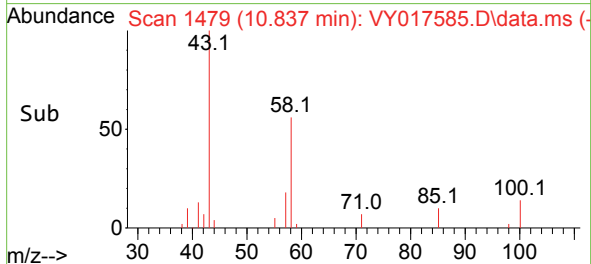
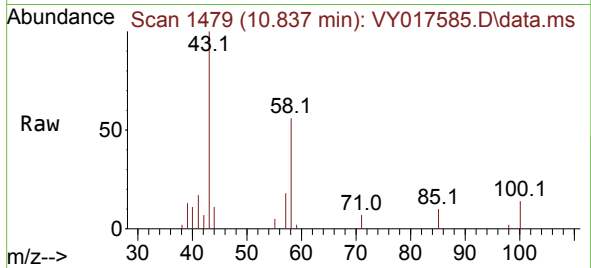




#59
2-Hexanone
Concen: 9.911 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

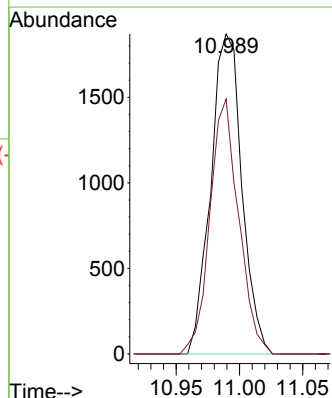
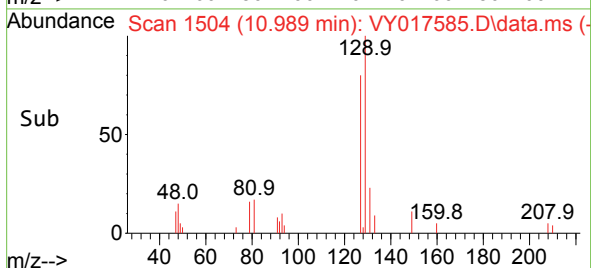
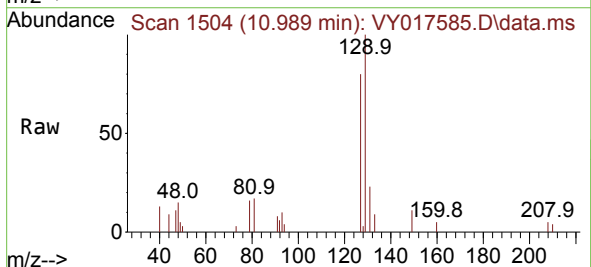
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

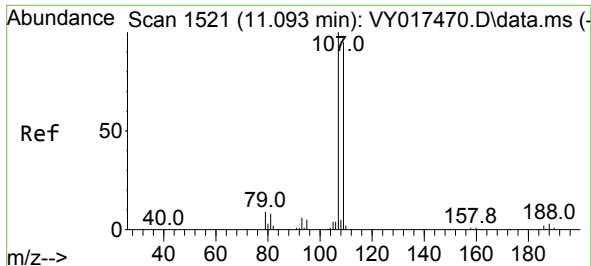
Tgt Ion: 43 Resp: 4905
Ion Ratio Lower Upper
43 100
58 61.3 31.4 94.0



#60
Dibromochloromethane
Concen: 2.530 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 129 Resp: 3201
Ion Ratio Lower Upper
129 100
127 73.6 39.0 117.0

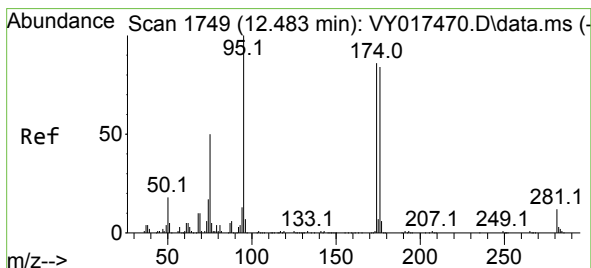
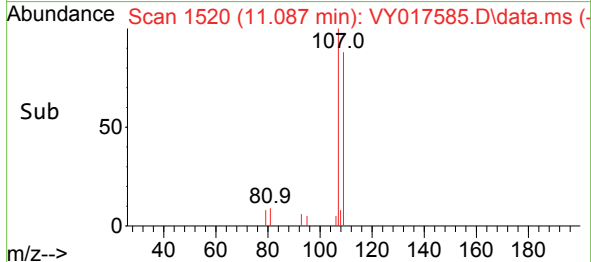
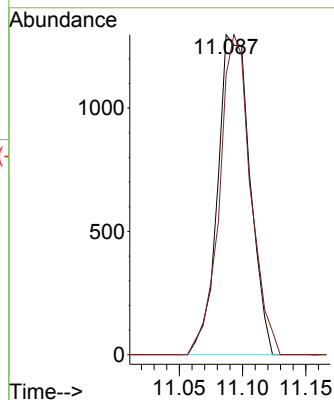
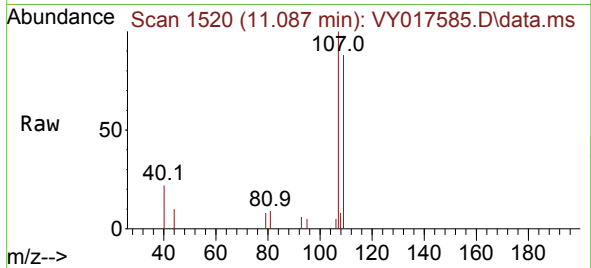




#61
1,2-Dibromoethane
Concen: 2.328 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

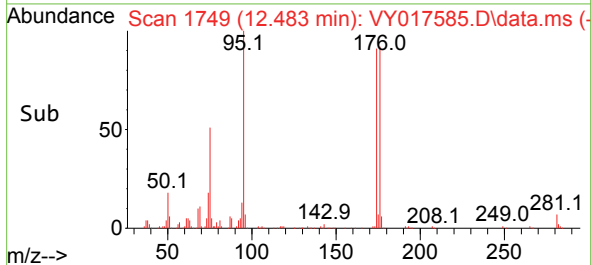
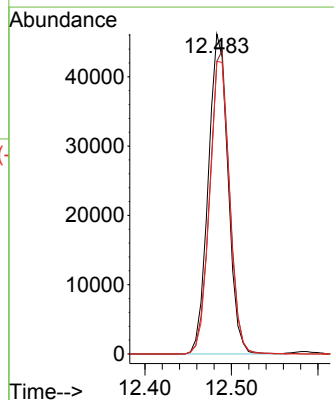
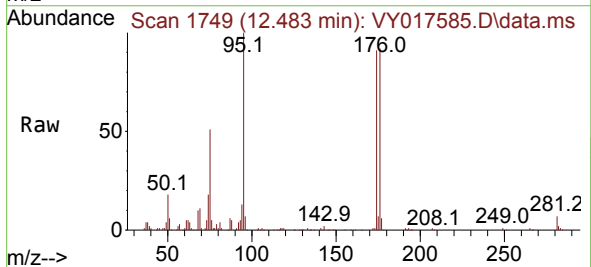
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

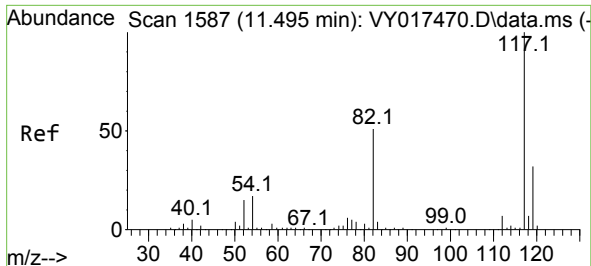
Tgt Ion:107 Resp: 2294
Ion Ratio Lower Upper
107 100
109 96.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.236 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 95 Resp: 73175
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 92.0 0.0 171.4

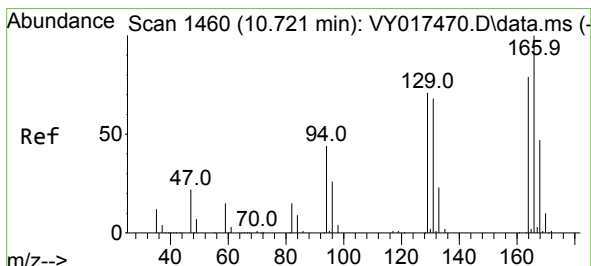
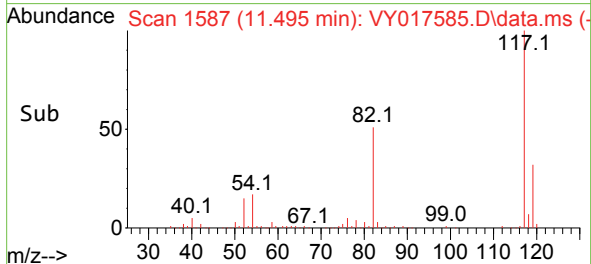
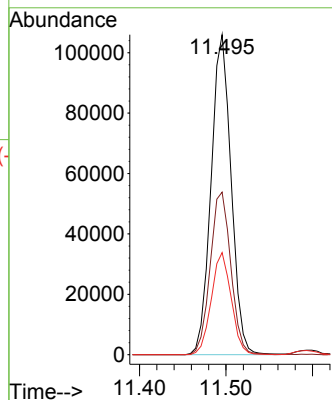
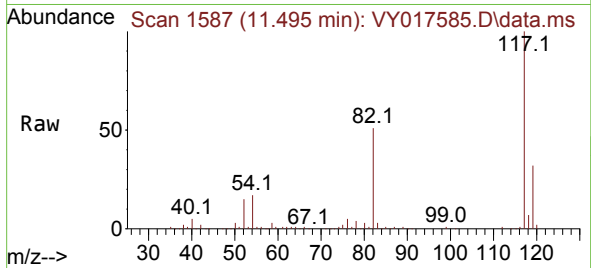




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

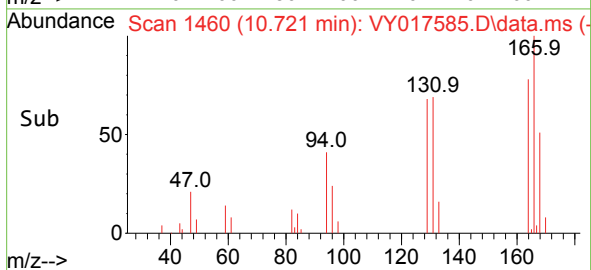
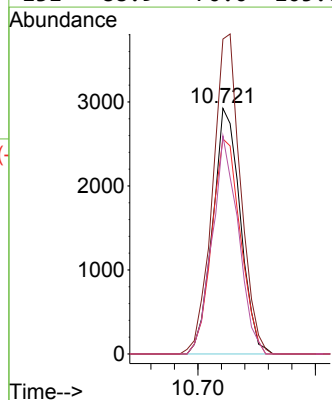
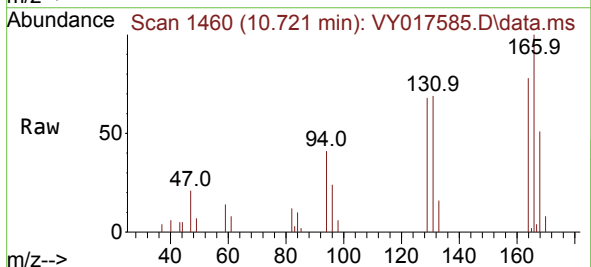
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

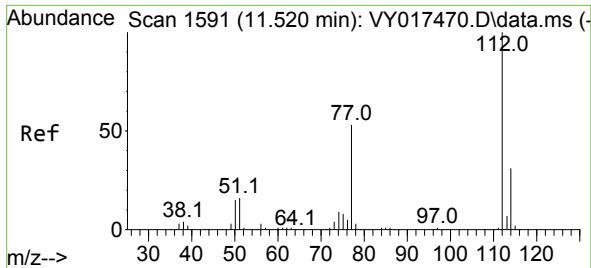
Tgt Ion:117 Resp: 170389
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 31.9 25.9 38.9



#64
Tetrachloroethene
Concen: 2.917 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion:164 Resp: 4770
Ion Ratio Lower Upper
164 100
166 128.2 102.6 154.0
129 87.5 72.0 108.0
131 88.9 70.0 105.0

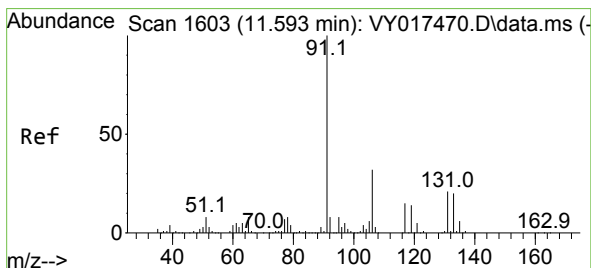
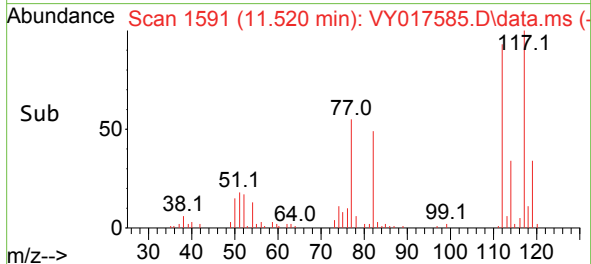
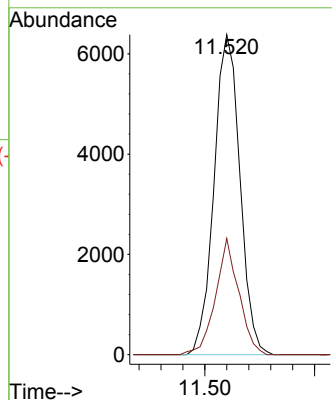
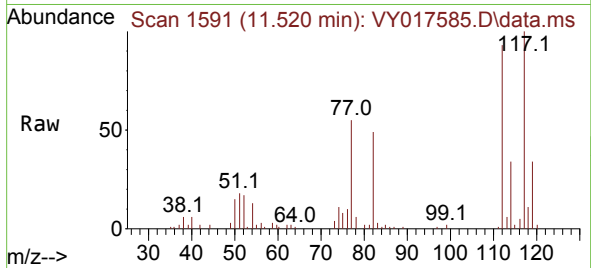




#65
Chlorobenzene
Concen: 2.896 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

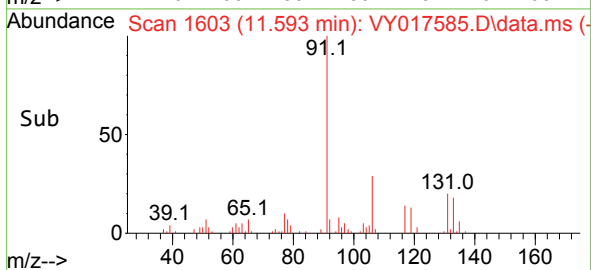
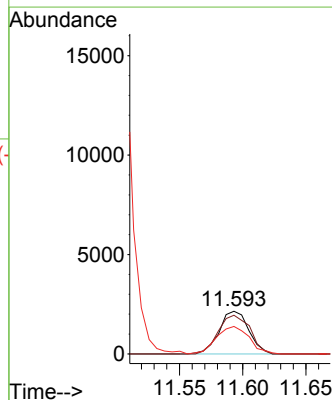
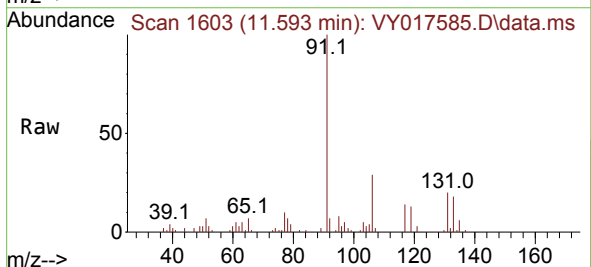
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

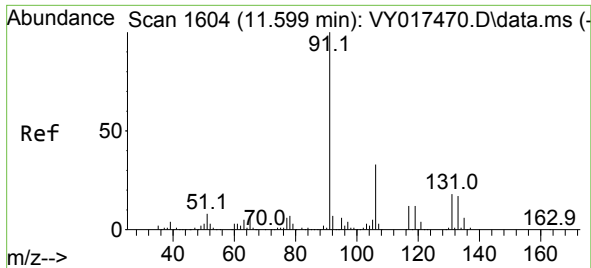
Tgt Ion:112 Resp: 10474
Ion Ratio Lower Upper
112 100
114 36.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.583 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion:131 Resp: 3500
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 71.4 34.1 102.2

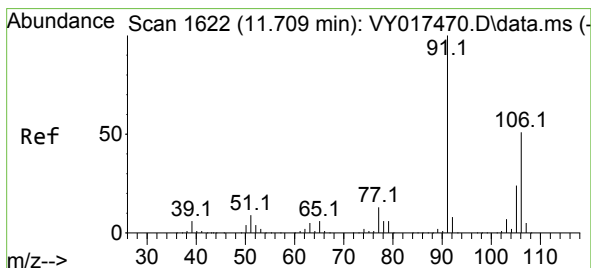
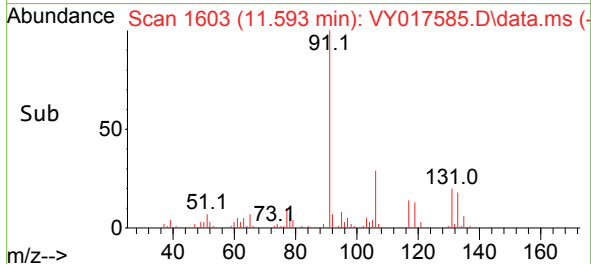
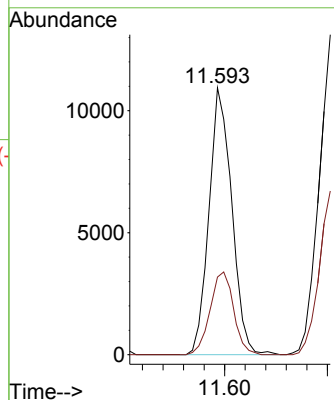
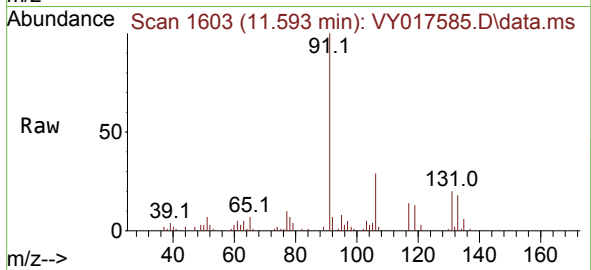




#67
Ethyl Benzene
Concen: 2.660 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

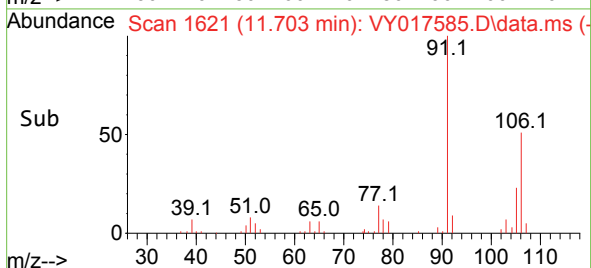
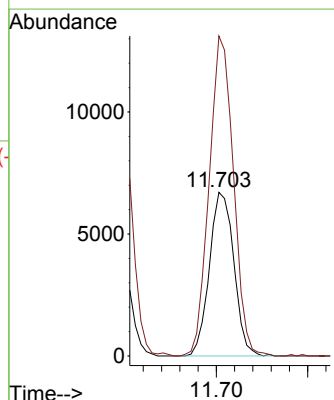
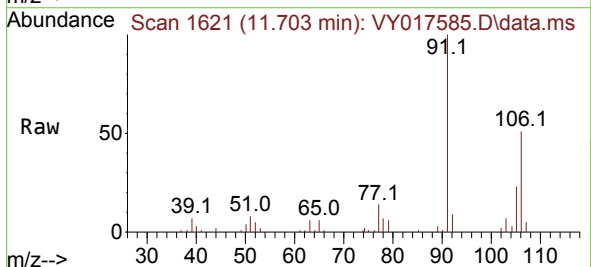
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

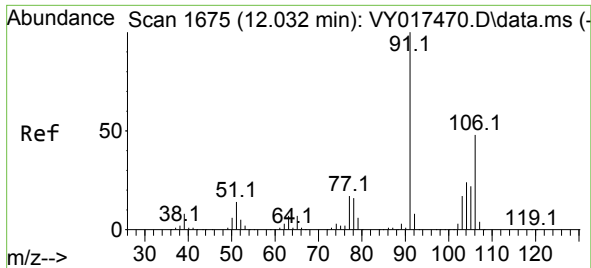
Tgt Ion: 91 Resp: 16873
Ion Ratio Lower Upper
91 100
106 29.1 24.5 36.7



#68
m/p-Xylenes
Concen: 5.009 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion:106 Resp: 12484
Ion Ratio Lower Upper
106 100
91 193.9 156.0 234.0

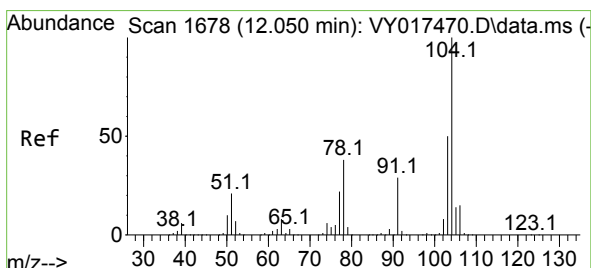
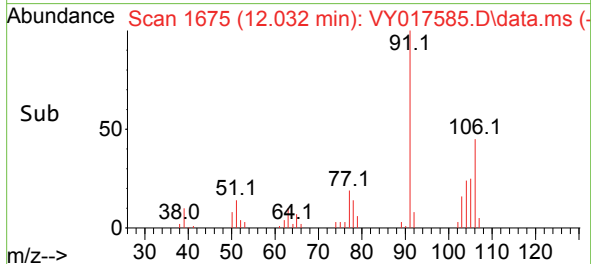
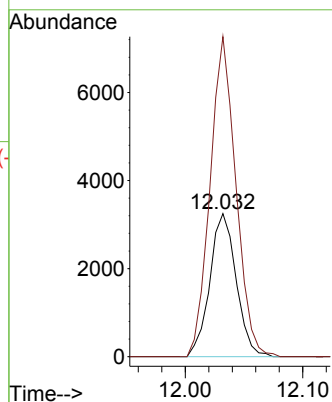
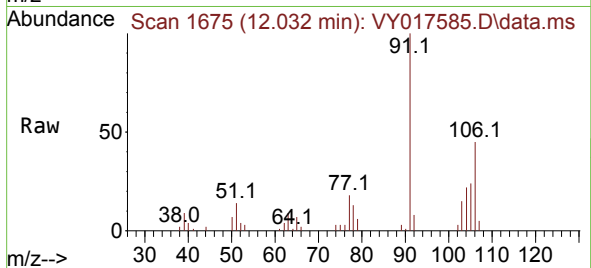




#69
o-Xylene
Concen: 2.192 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

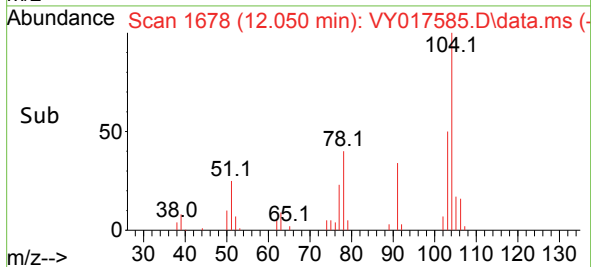
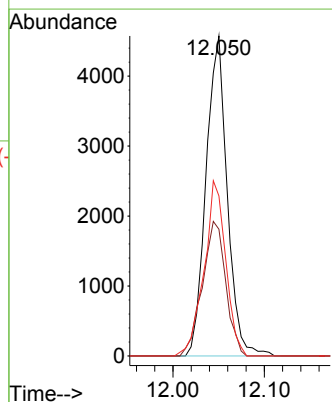
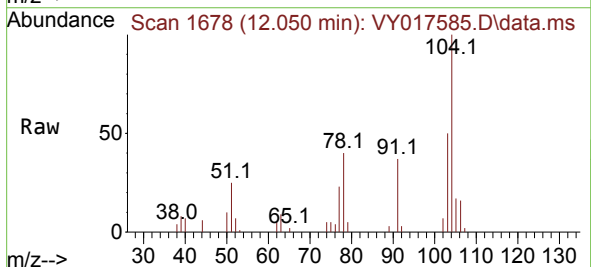
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

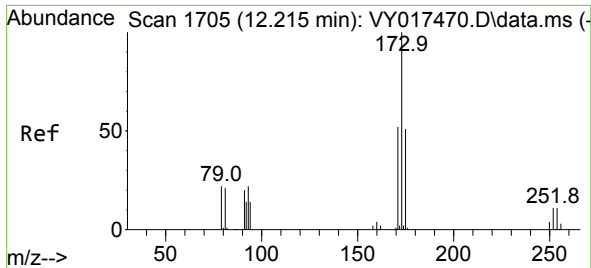
Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 218.9 103.6 310.8



#70
Styrene
Concen: 1.922 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion:104 Resp: 7376
Ion Ratio Lower Upper
104 100
78 46.5 37.0 55.4
103 55.8 44.2 66.2

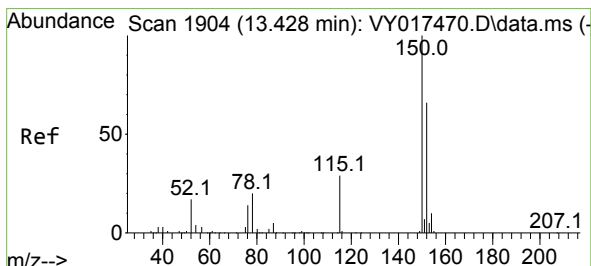
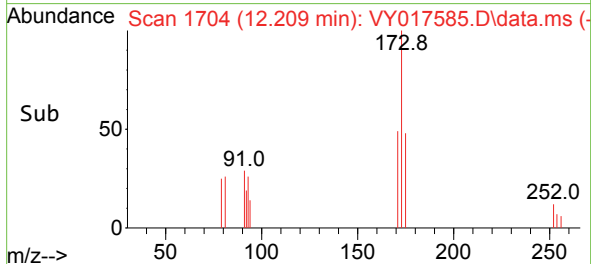
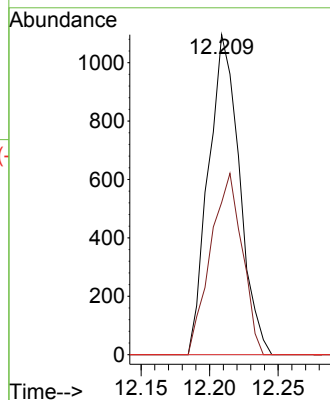
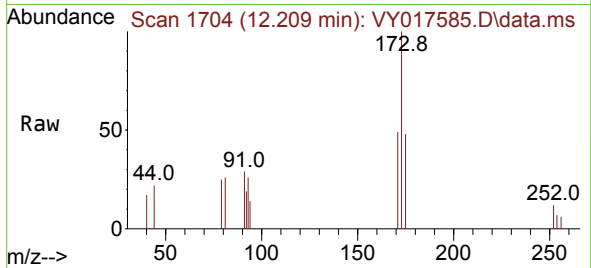




#71
Bromoform
Concen: 2.299 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

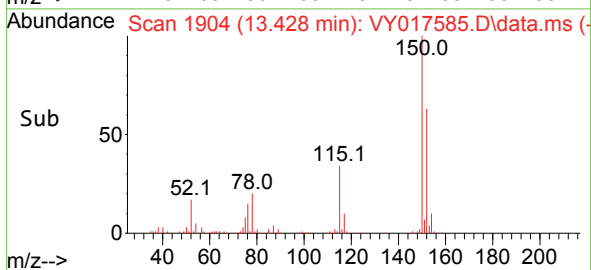
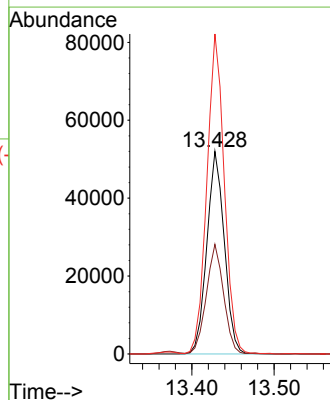
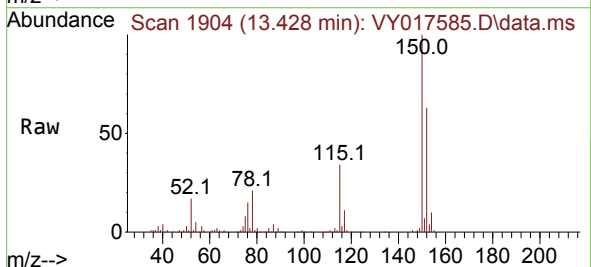
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

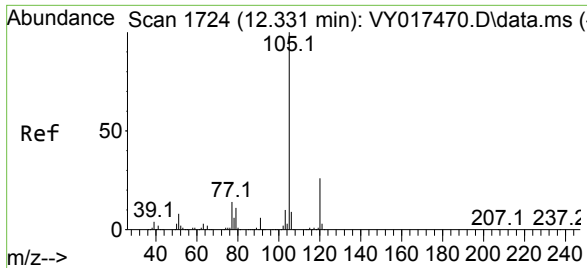
Tgt Ion:173 Resp: 1726
Ion Ratio Lower Upper
173 100
175 57.7 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion:152 Resp: 76846
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 158.0 0.0 345.6

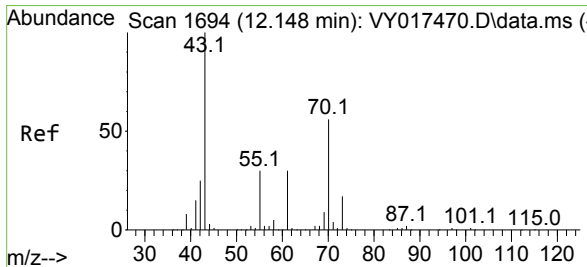
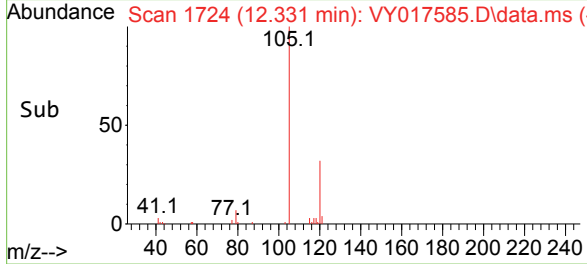
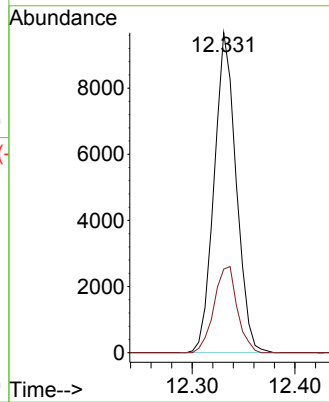
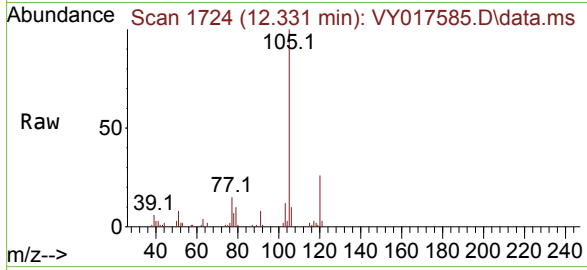




#73
Isopropylbenzene
Concen: 2.523 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

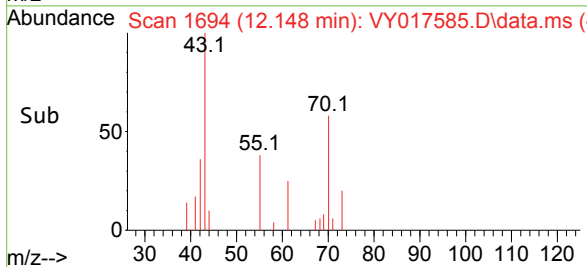
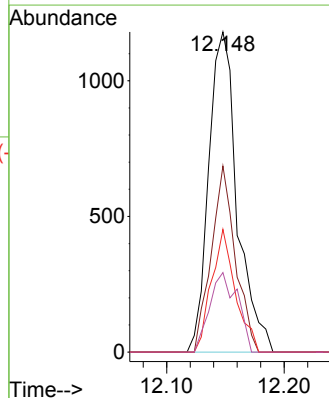
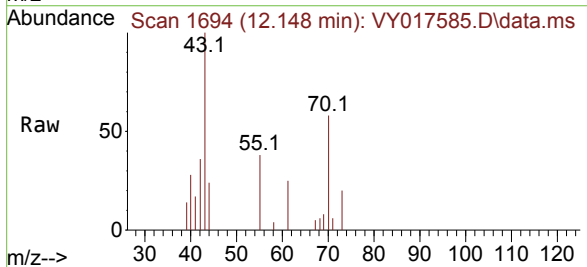
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

Tgt Ion:105 Resp: 14405
Ion Ratio Lower Upper
105 100
120 28.3 13.4 40.1



#74
N-ethyl acetate
Concen: 1.974 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 43 Resp: 1988
Ion Ratio Lower Upper
43 100
70 49.3 41.4 62.2
55 32.2 23.3 34.9
61 24.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 2.791 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

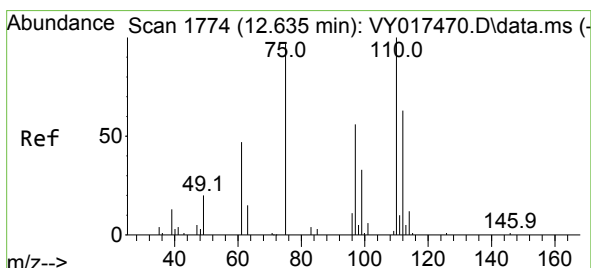
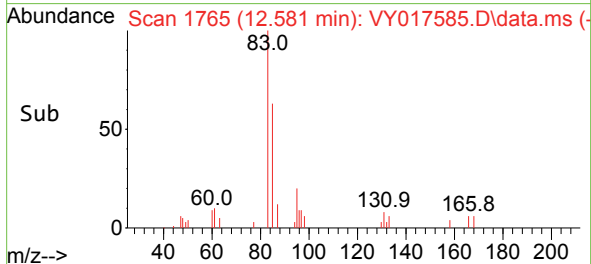
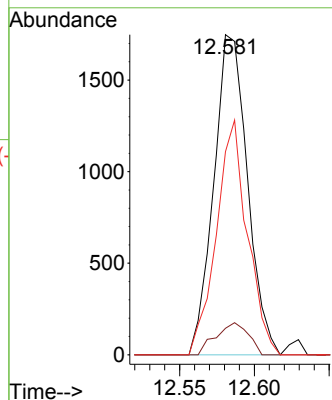
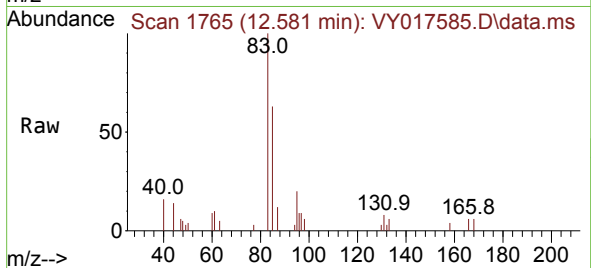
Tgt Ion: 83 Resp: 2736

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 67.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 4.643 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017585.D

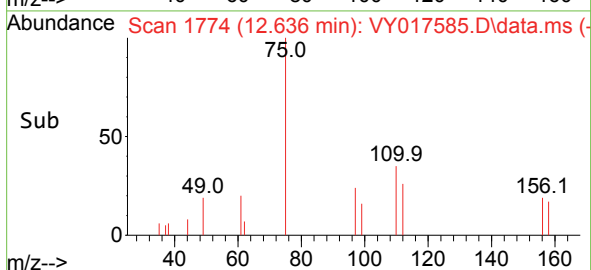
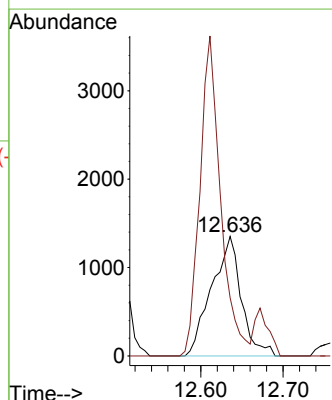
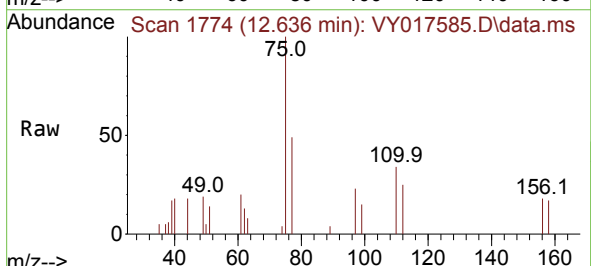
Acq: 06 Mar 2024 11:37

Tgt Ion: 75 Resp: 3390

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.730 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

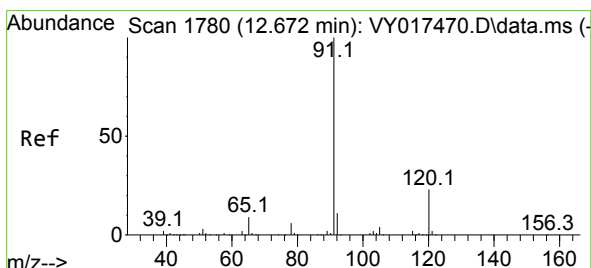
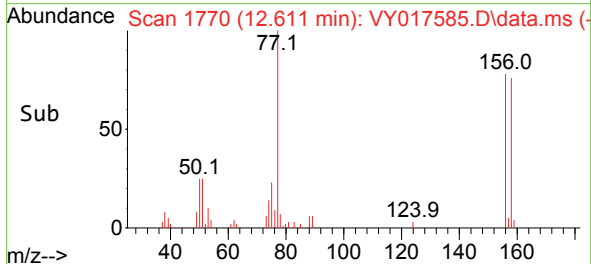
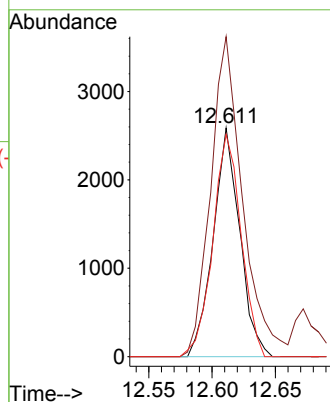
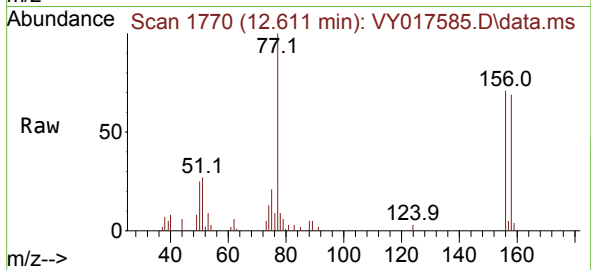
Tgt Ion:156 Resp: 3774

Ion Ratio Lower Upper

156 100

77 168.5 87.1 261.3

158 103.6 48.6 145.9



#78

n-propylbenzene

Concen: 2.743 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY017585.D

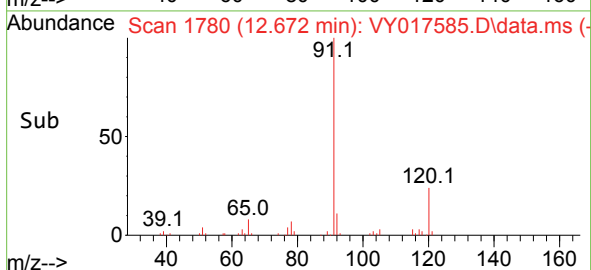
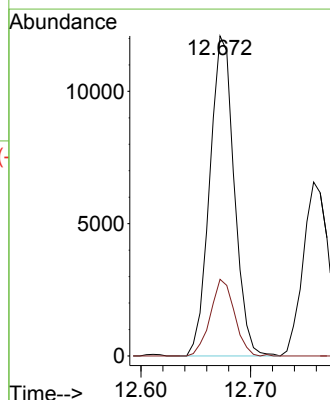
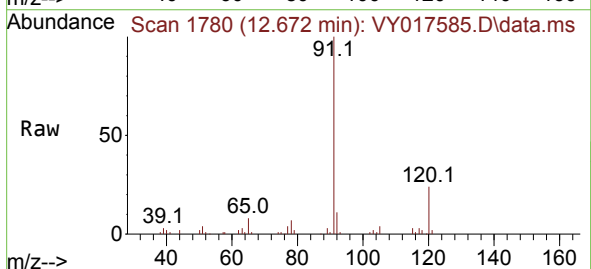
Acq: 06 Mar 2024 11:37

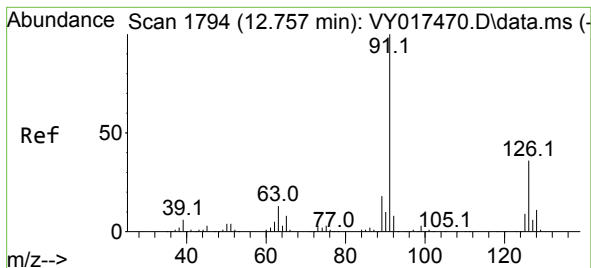
Tgt Ion: 91 Resp: 18789

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

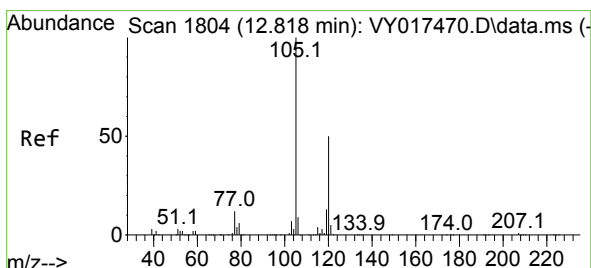
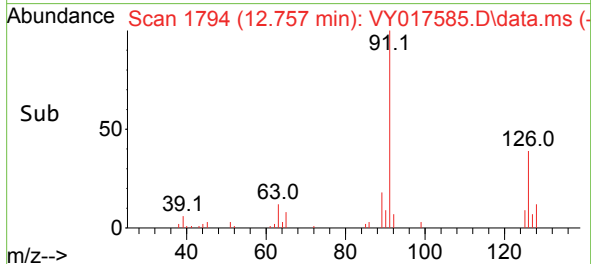
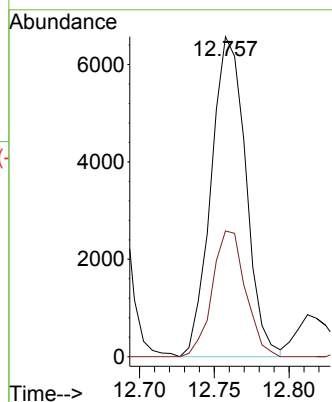
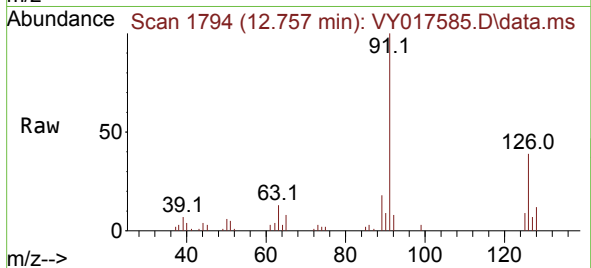




#79
2-Chlorotoluene
Concen: 2.765 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

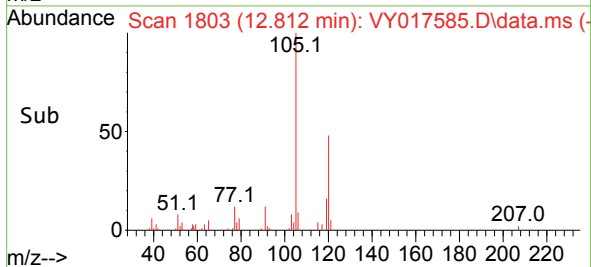
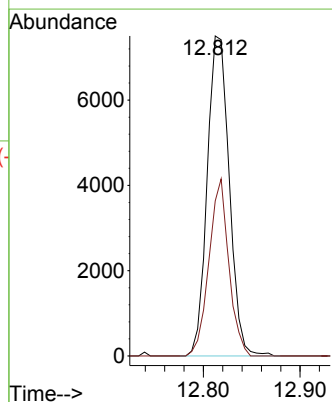
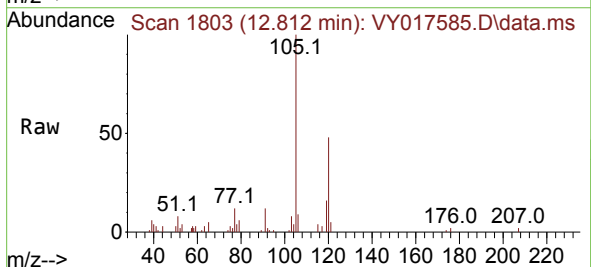
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

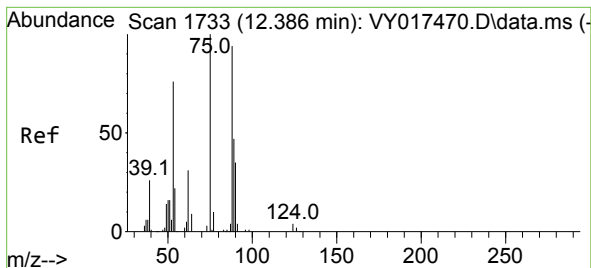
Tgt Ion: 91 Resp: 10603
Ion Ratio Lower Upper
91 100
126 37.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 2.599 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 105 Resp: 11887
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.2

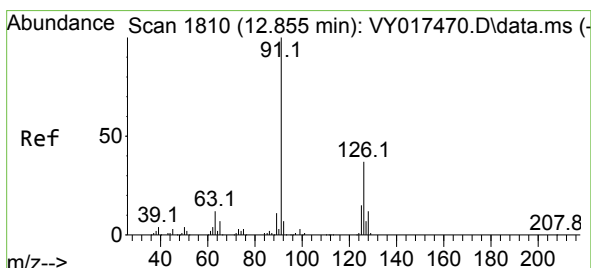
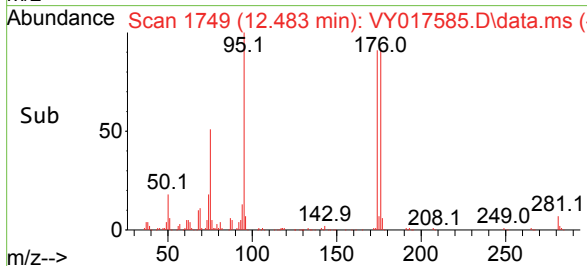
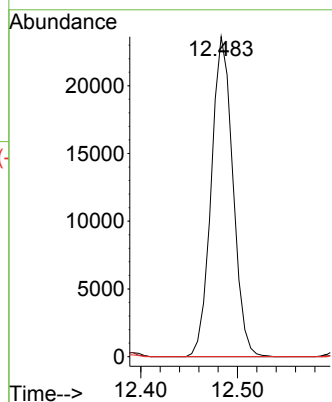
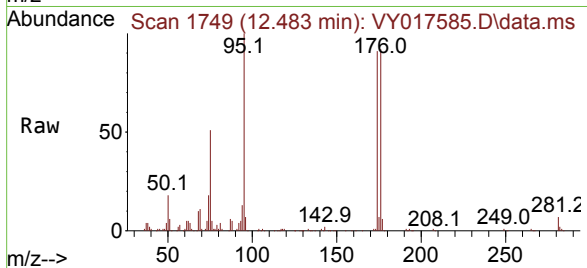




#81
trans-1,4-Dichloro-2-butene
Concen: 115.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

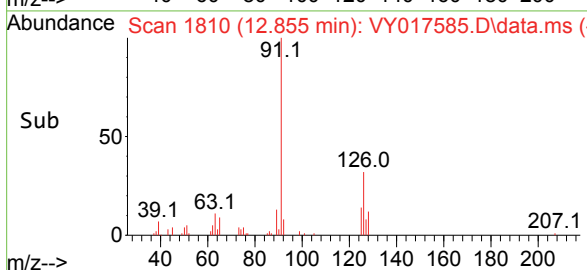
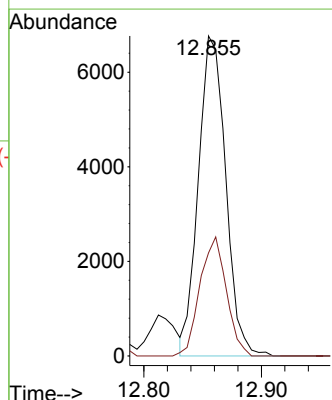
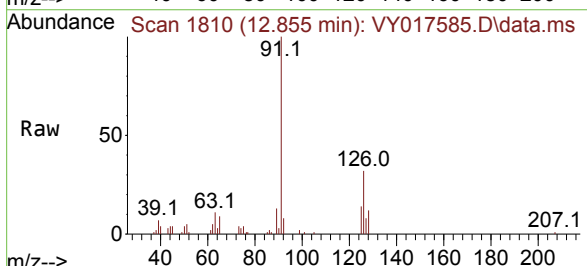
Instrument :
MSVOA_Y
ClientSampleId :
MDL01

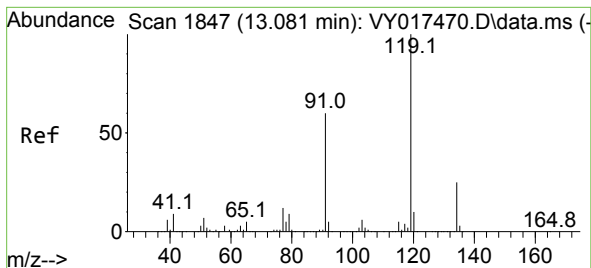
Tgt Ion: 75 Resp: 36774
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.790 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

Tgt Ion: 91 Resp: 10944
Ion Ratio Lower Upper
91 100
126 36.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.605 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

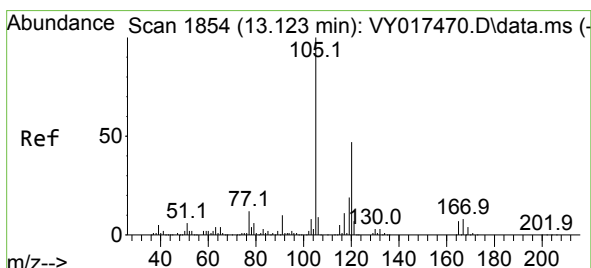
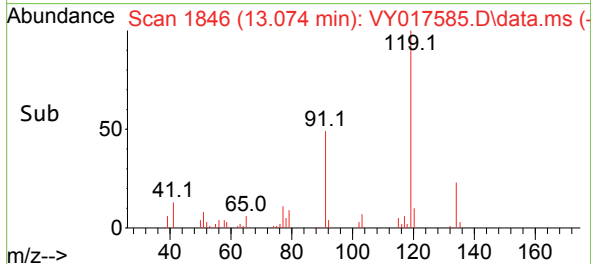
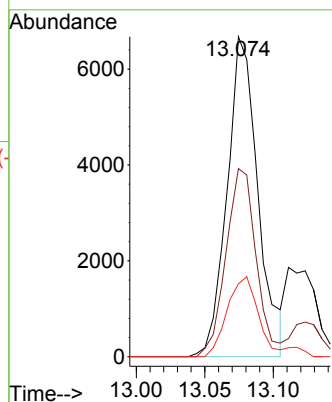
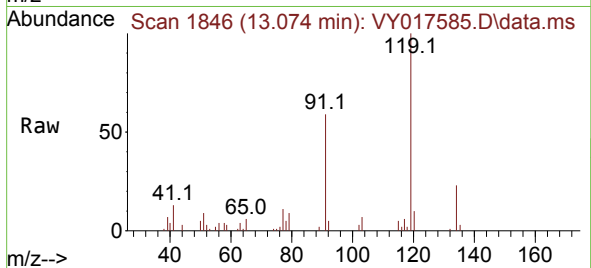
Tgt Ion:119 Resp: 10462

Ion Ratio Lower Upper

119 100

91 57.6 31.3 93.8

134 25.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 2.523 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017585.D

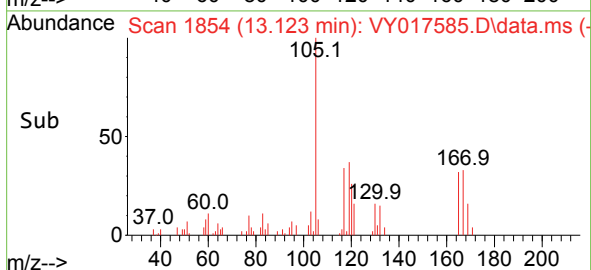
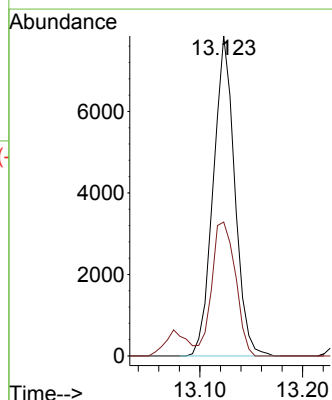
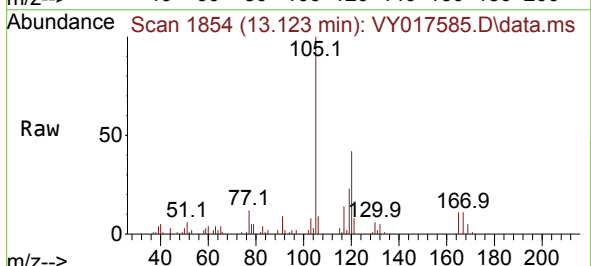
Acq: 06 Mar 2024 11:37

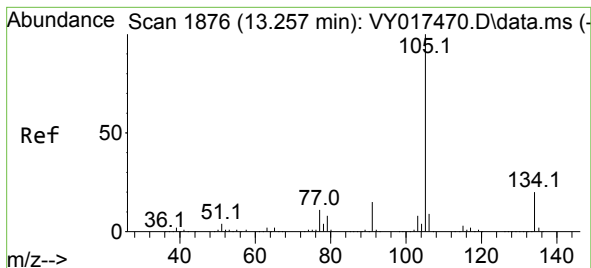
Tgt Ion:105 Resp: 11395

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 2.476 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

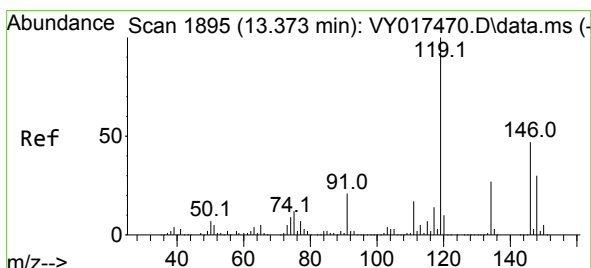
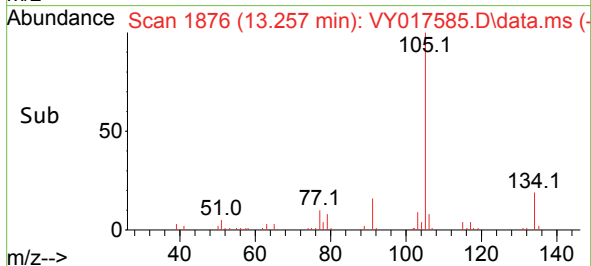
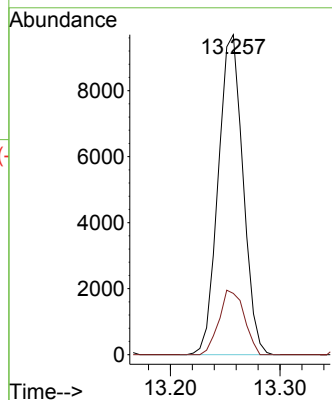
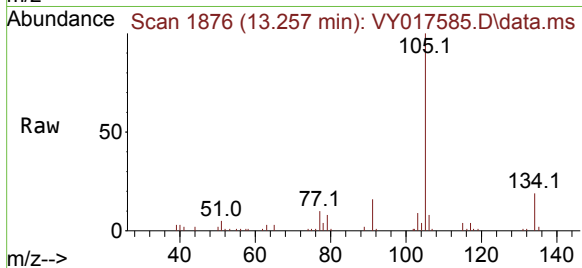
MDL01

Tgt Ion:105 Resp: 15204

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 2.406 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

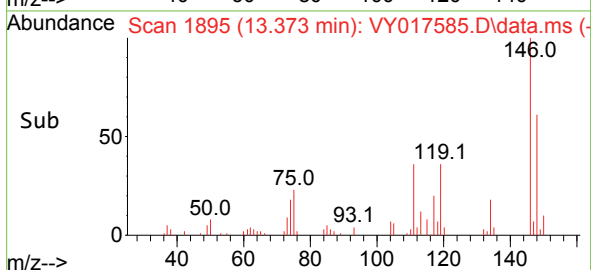
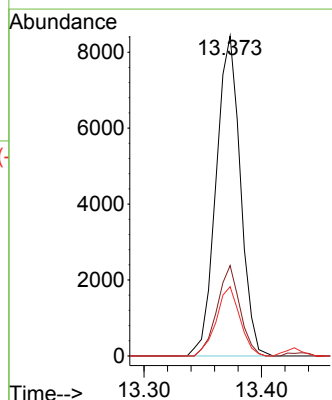
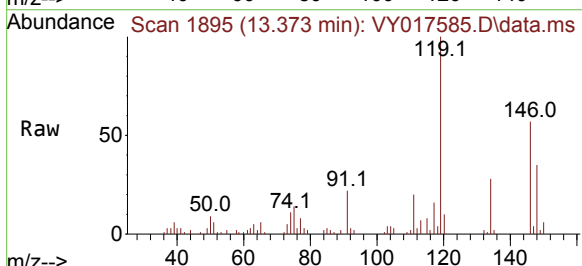
Tgt Ion:119 Resp: 12096

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 21.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.963 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

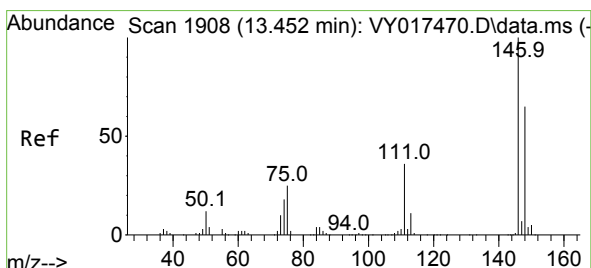
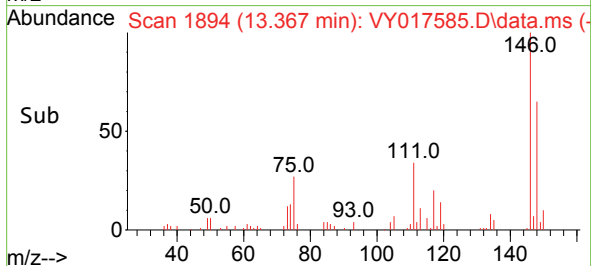
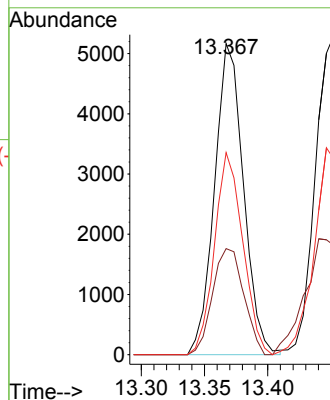
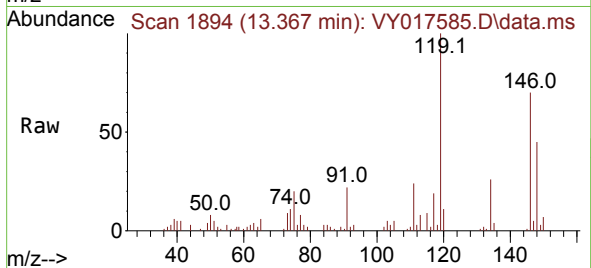
Tgt Ion:146 Resp: 8223

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 63.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 3.093 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

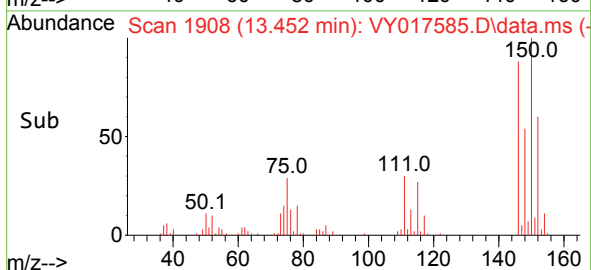
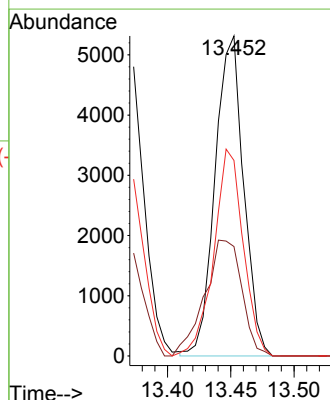
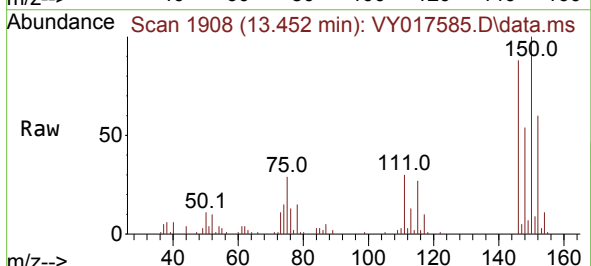
Tgt Ion:146 Resp: 8344

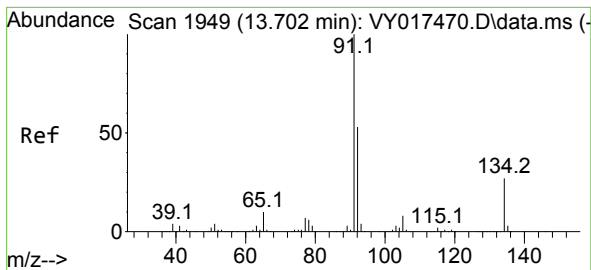
Ion Ratio Lower Upper

146 100

111 46.9 18.4 55.4

148 66.6 32.4 97.2





#89

n-Butylbenzene

Concen: 2.607 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

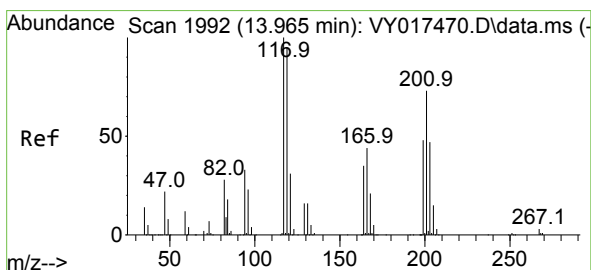
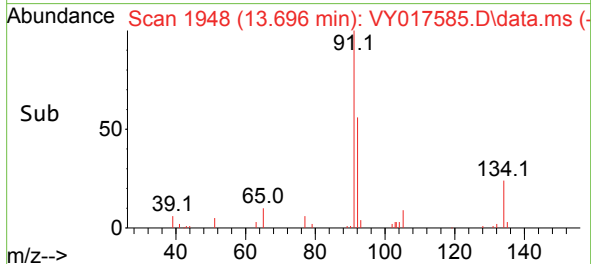
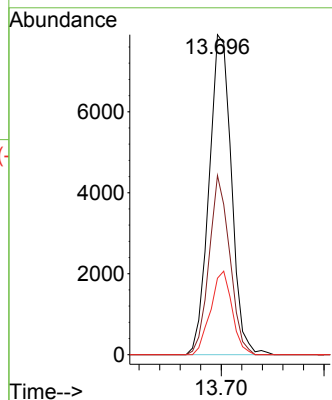
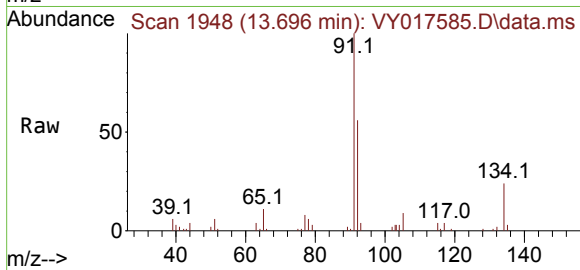
Tgt Ion: 91 Resp: 11958

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 2.922 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017585.D

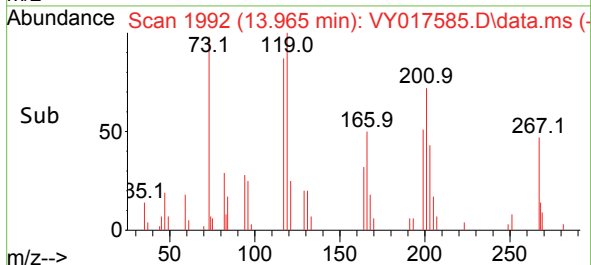
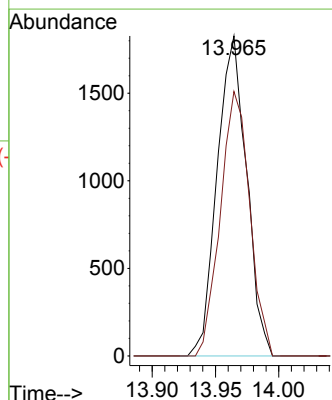
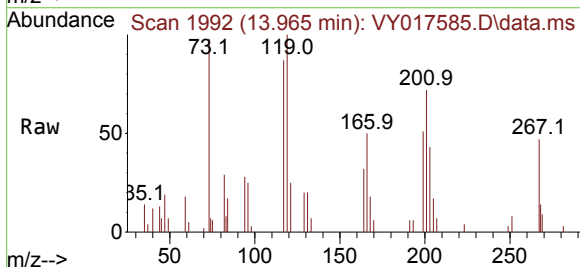
Acq: 06 Mar 2024 11:37

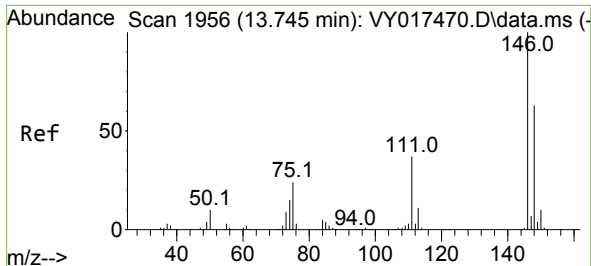
Tgt Ion: 117 Resp: 2945

Ion Ratio Lower Upper

117 100

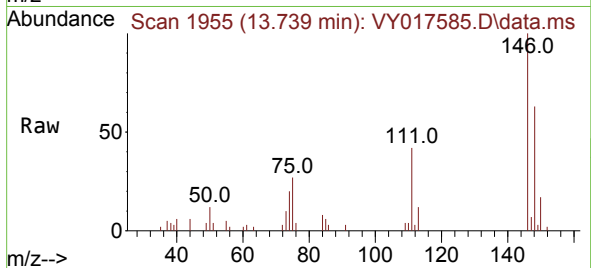
201 82.8 37.4 112.2



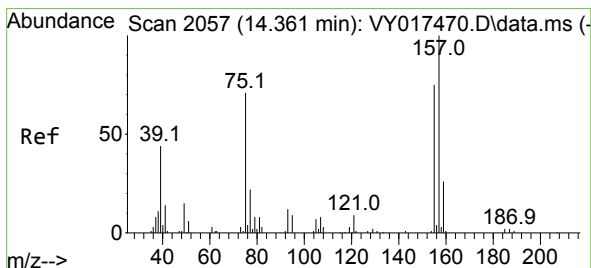
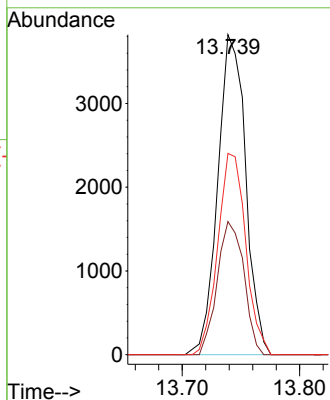
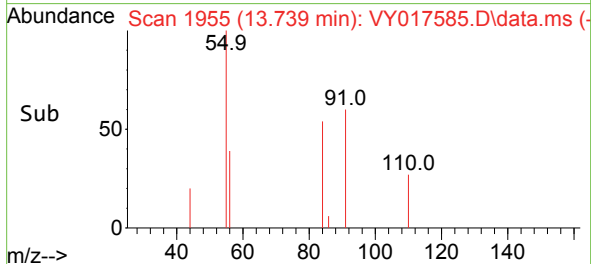


#91
1,2-Dichlorobenzene
Concen: 2.683 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37

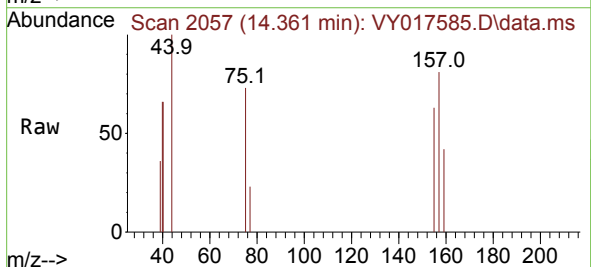
Instrument :
MSVOA_Y
ClientSampleId :
MDL01



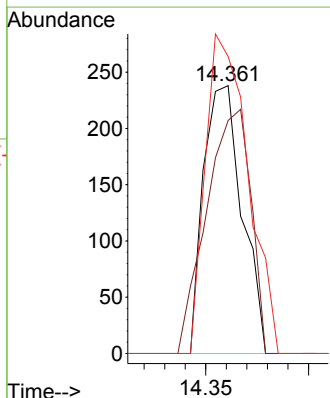
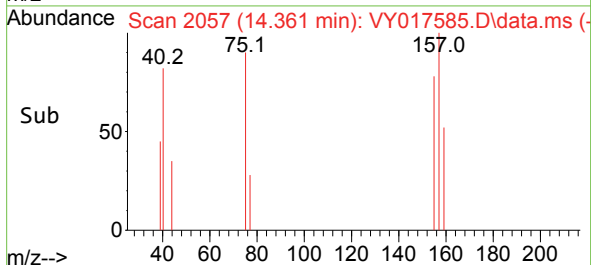
Tgt Ion:146 Resp: 6298
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 63.1 31.8 95.4

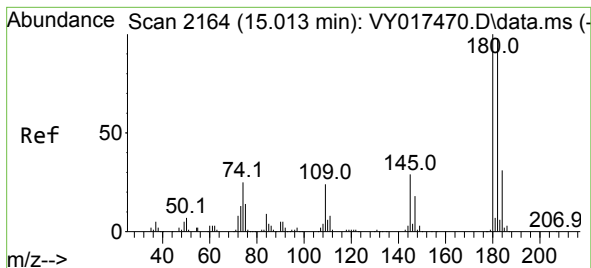


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.256 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017585.D
Acq: 06 Mar 2024 11:37



Tgt Ion: 75 Resp: 311
Ion Ratio Lower Upper
75 100
155 104.8 48.6 145.8
157 131.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.801 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

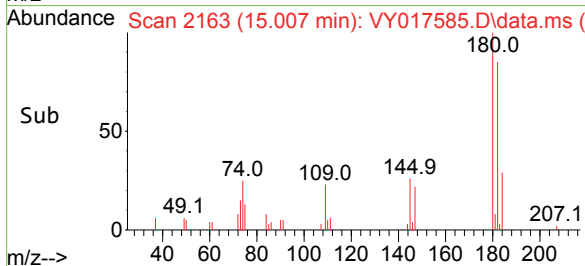
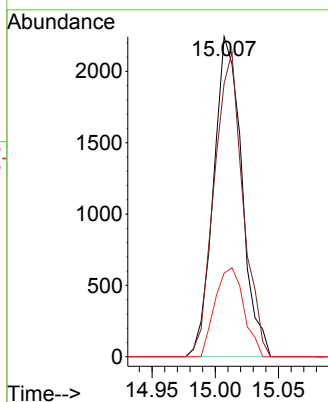
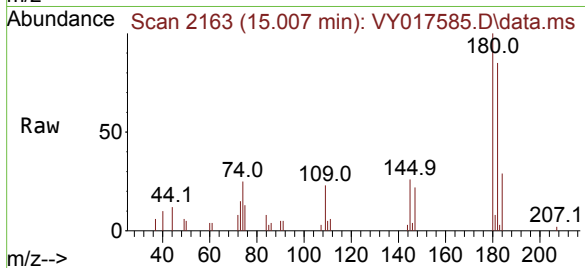
Tgt Ion:180 Resp: 3473

Ion Ratio Lower Upper

180 100

182 96.5 47.9 143.8

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 3.421 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

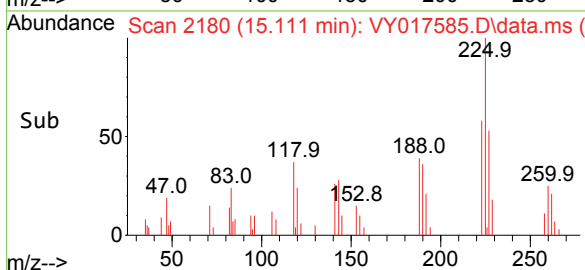
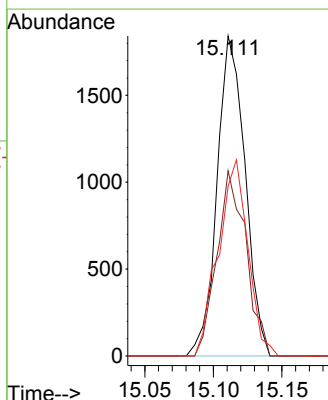
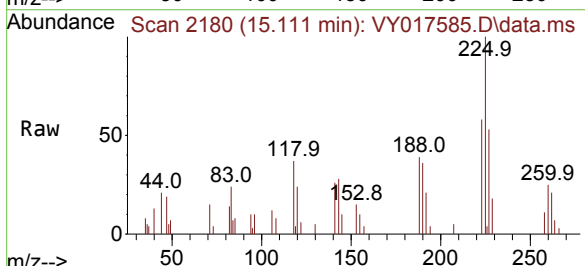
Tgt Ion:225 Resp: 2619

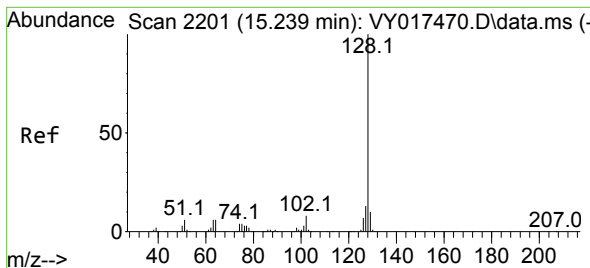
Ion Ratio Lower Upper

225 100

223 60.2 30.4 91.2

227 64.9 31.9 95.9





#95

Naphthalene

Concen: 2.021 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Instrument :

MSVOA_Y

ClientSampleId :

MDL01

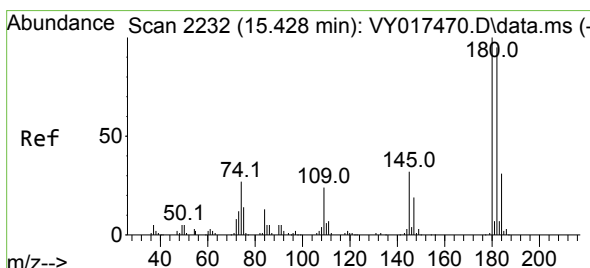
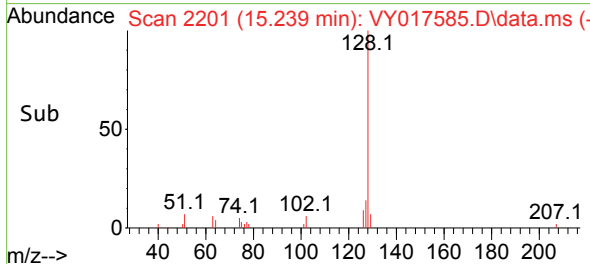
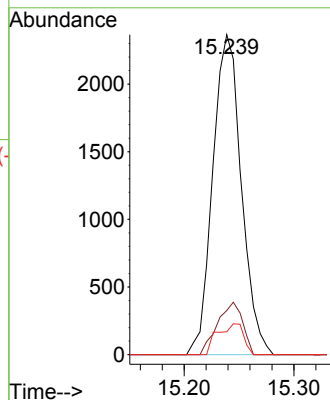
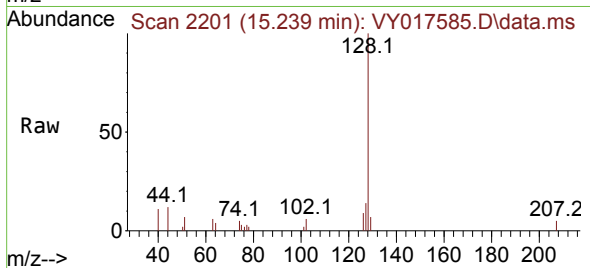
Tgt Ion:128 Resp: 4284

Ion Ratio Lower Upper

128 100

127 14.4 10.6 16.0

129 8.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.668 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY017585.D

Acq: 06 Mar 2024 11:37

Tgt Ion:180 Resp: 2838

Ion Ratio Lower Upper

180 100

182 100.4 47.6 142.9

145 31.6 15.4 46.1

