

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017146.D
 Acq On : 30 Jan 2024 16:12
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:28:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	117062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	234426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	227108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	47555	41.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.380%
35) Dibromofluoromethane	7.734	113	53600	37.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.760%
50) Toluene-d8	10.191	98	212625	39.788	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.580%
62) 4-Bromofluorobenzene	12.489	95	72291	43.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.820%

Target Compounds			Qvalue			
3) Chloromethane	2.125	50	146	Below Cal		93
4) Vinyl Chloride	2.247	62	97	Below Cal	#	43
5) Bromomethane	2.674	94	318	Below Cal	#	71
6) Chloroethane	2.814	64	22	Below Cal	#	43
8) Diethyl Ether	3.539	74	2222	3.294	ug/l	94
11) Tert butyl alcohol	4.966	59	12012	138.237	ug/l	99
13) Acrolein	3.747	56	5476	40.033	ug/l	100
14) Allyl chloride	4.430	41	2578	1.423	ug/l #	33
15) Acrylonitrile	5.179	53	34246	116.991	ug/l	99
16) Acetone	3.960	43	35210	94.081	ug/l	96
18) Methyl Acetate	4.497	43	28501	24.359	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	12634	4.320	ug/l	95
20) Methylene Chloride	4.734	84	3912	Below Cal		94
23) Vinyl Acetate	6.076	43	7725	3.982	ug/l #	94
25) 2-Butanone	7.002	43	46427	99.872	ug/l	98
28) Bromochloromethane	7.350	49	1794	1.847	ug/l #	95
29) Tetrahydrofuran	7.368	42	29234	126.404	ug/l	98
31) Cyclohexane	7.801	56	2511	Below Cal	#	1
36) 1,1-Dichloropropene	7.801	75	9660	4.150	ug/l #	52
37) Ethyl Acetate	7.094	43	15837	15.822	ug/l	99
38) Carbon Tetrachloride	7.807	117	12086	5.298	ug/l #	16
41) Methacrylonitrile	7.362	41	25032	46.759	ug/l #	46
42) 1,2-Dichloroethane	8.252	62	4206	2.400	ug/l	95
43) Isopropyl Acetate	8.289	43	19836	10.615	ug/l #	90
44) Trichloroethene	8.953	130	2858	1.648	ug/l	95
46) Dibromomethane	9.313	93	3199	3.630	ug/l	97
48) Methyl methacrylate	9.307	41	11158	10.754	ug/l	97
49) 1,4-Dioxane	9.319	88	4885	563.624	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	81843	82.335	ug/l	100
53) t-1,3-Dichloropropene	10.483	75	3536	1.727	ug/l	100
55) 1,1,2-Trichloroethane	10.660	97	4528	3.676	ug/l	94
56) Ethyl methacrylate	10.526	69	6919	6.424	ug/l	95
57) 1,3-Dichloropropane	10.800	76	6650	3.194	ug/l #	83
58) 2-Chloroethyl Vinyl ether	9.794	63	31457	42.075	ug/l	98
59) 2-Hexanone	10.843	43	61467	81.054	ug/l	97
60) Dibromochloromethane	10.995	129	3348	2.340	ug/l	96

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Instrument :
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Quant Time: Jan 31 00:28:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
Response via : Initial Calibration

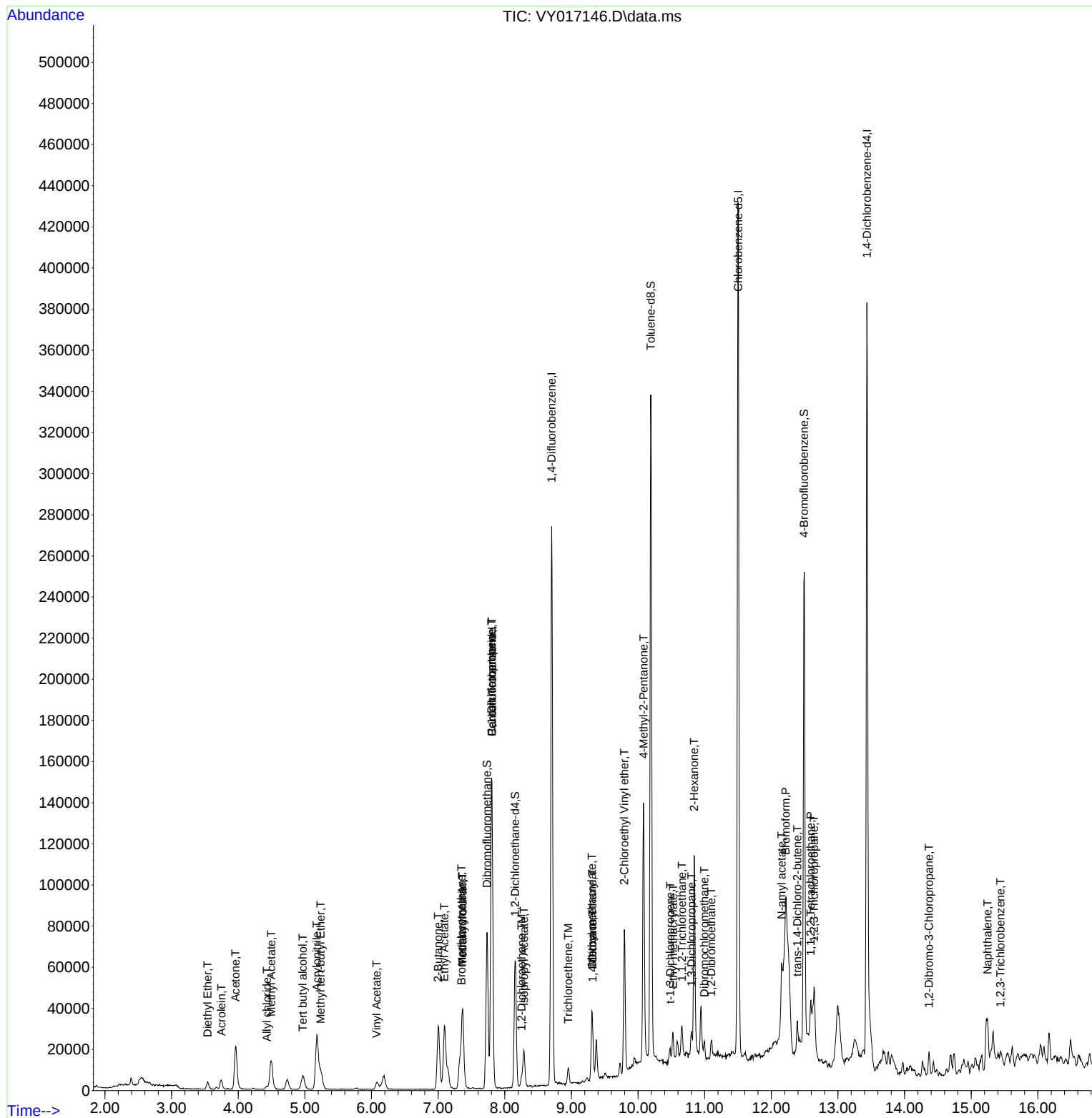
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 1,2-Dibromoethane	11.099	107	5618	5.021	ug/l	98
71) Bromoform	12.215	173	5092	5.777	ug/l #	99
74) N-amyl acetate	12.154	43	12147	8.132	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.593	83	9069	6.417	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	14465	13.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.392	75	3427	8.108	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3010	16.677	ug/l	97
95) Naphthalene	15.245	128	16535	6.626	ug/l	96
96) 1,2,3-Trichlorobenzene	15.440	180	1217	1.035	ug/l #	64

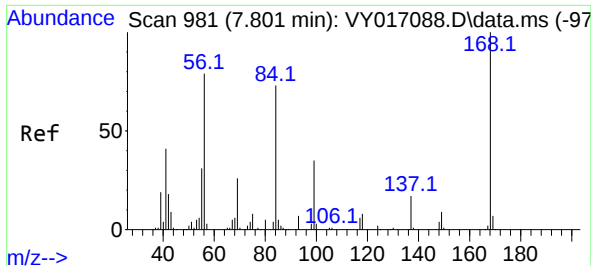
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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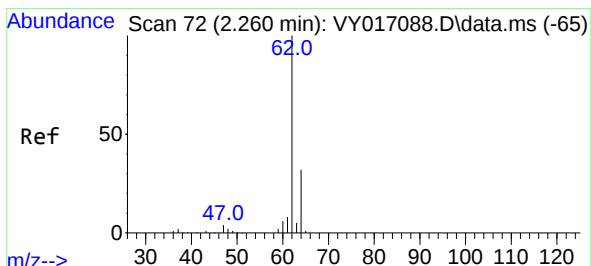
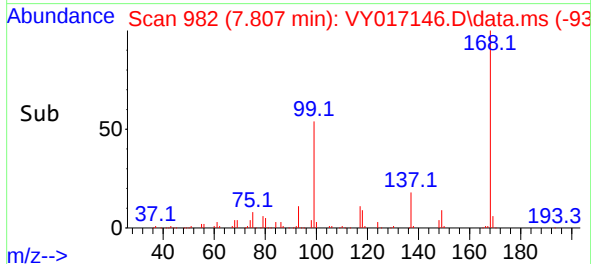
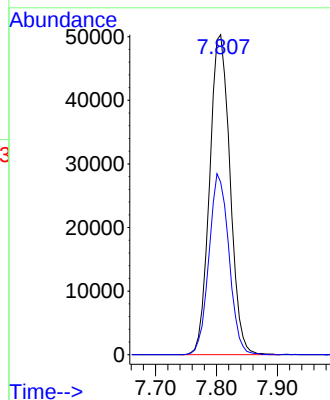
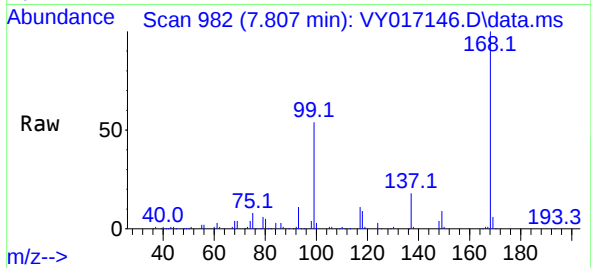




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

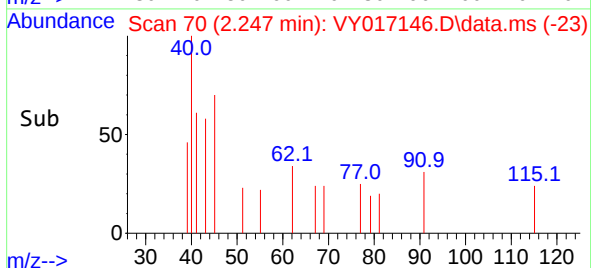
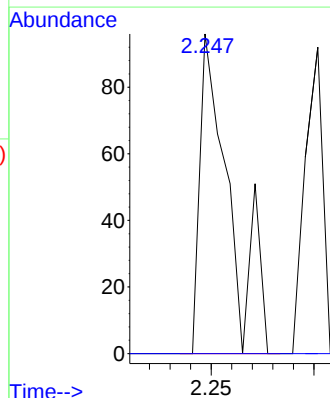
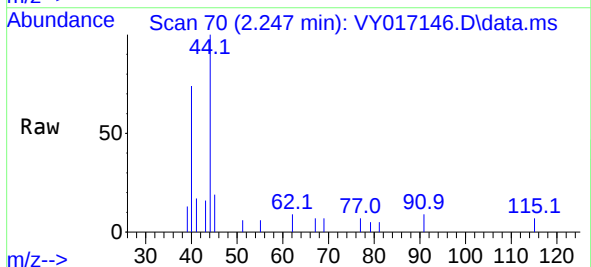
Instrument :
MSVOA_Y
ClientSampleId :

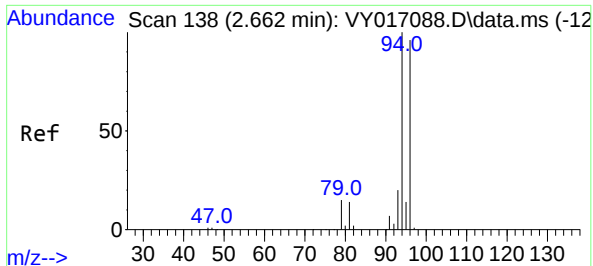
Tgt Ion:168 Resp: 117062
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 62 Resp: 97
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#

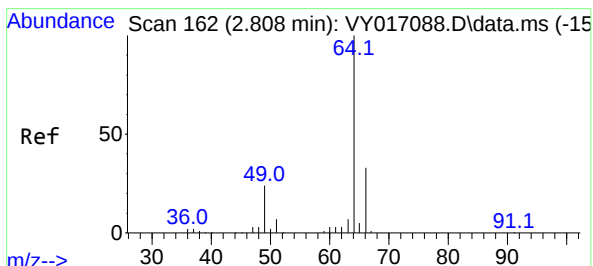
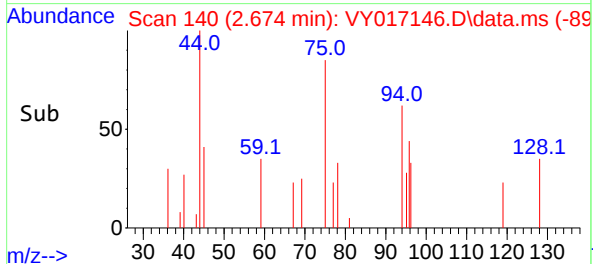
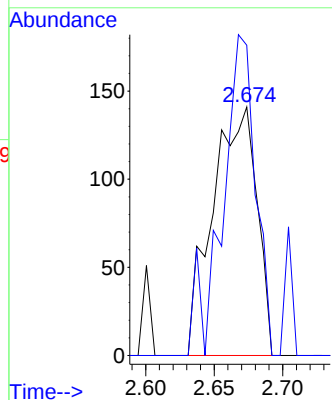
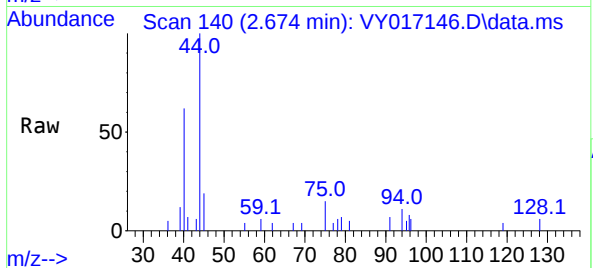




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

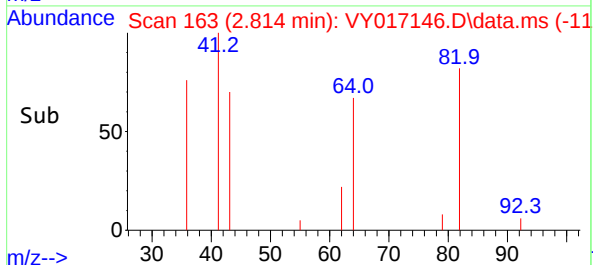
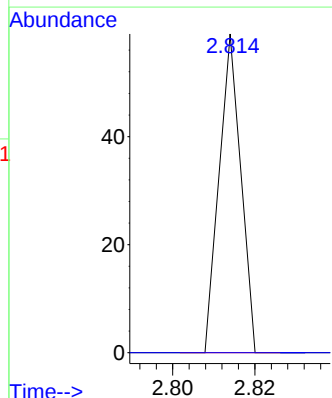
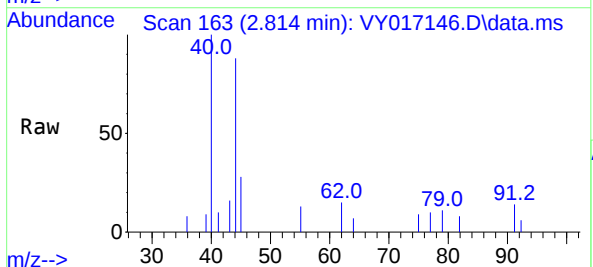
Instrument :
MSVOA_Y
ClientSampleId :

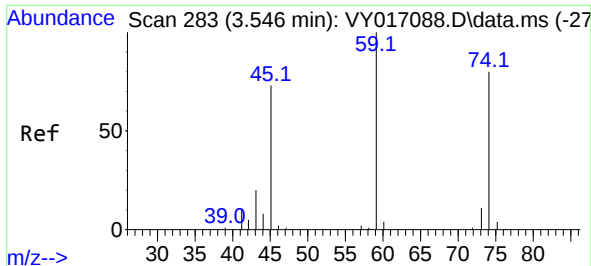
Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 124.8 77.3 115.9#



#6
Chloroethane
Concen: Below Cal
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

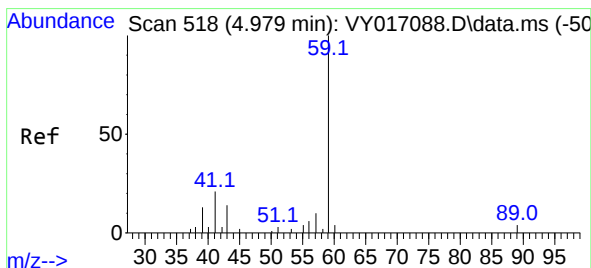
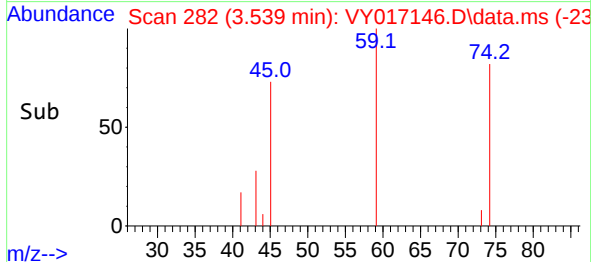
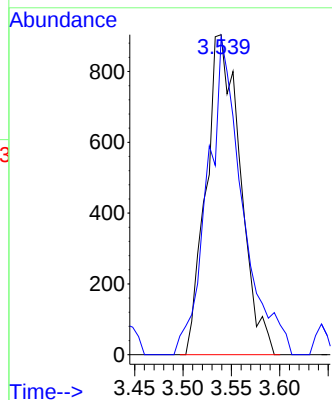
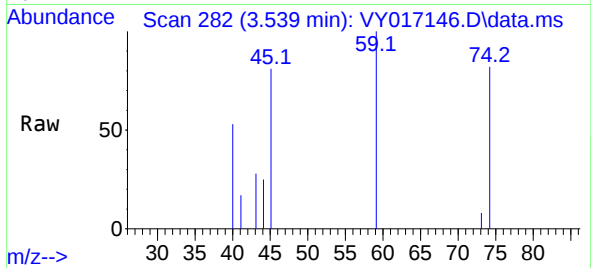




#8
Diethyl Ether
Concen: 3.294 ug/l
RT: 3.539 min Scan# 211
Delta R.T. -0.001 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

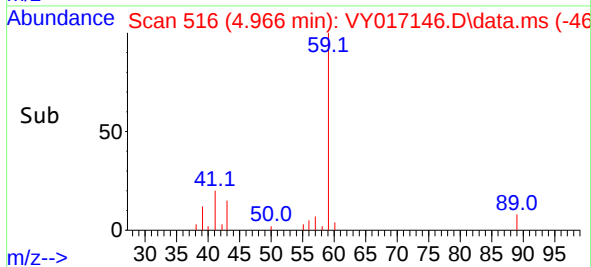
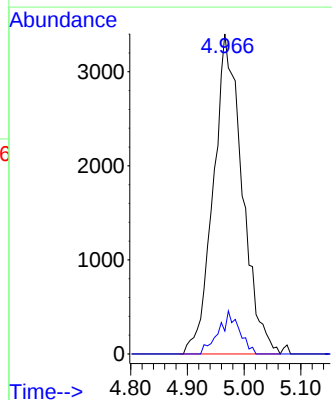
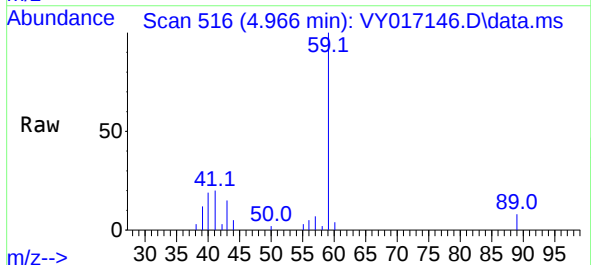
Instrument :
MSVOA_Y
ClientSampleId :

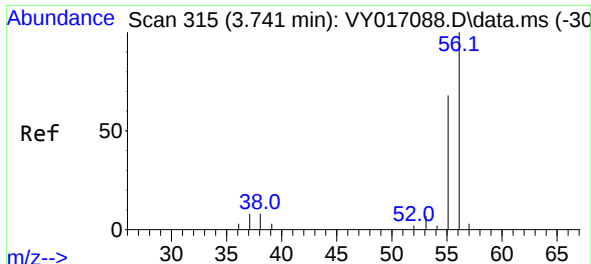
Tgt Ion: 74 Resp: 2222
Ion Ratio Lower Upper
74 100
45 101.4 47.9 143.7



#11
Tert butyl alcohol
Concen: 138.237 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

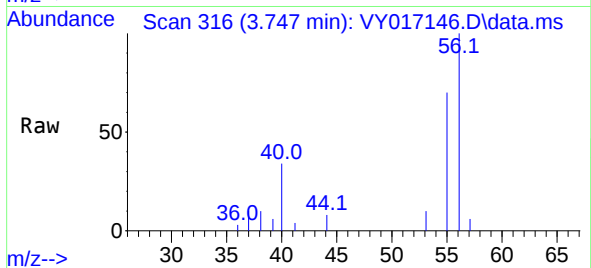
Tgt Ion: 59 Resp: 12012
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



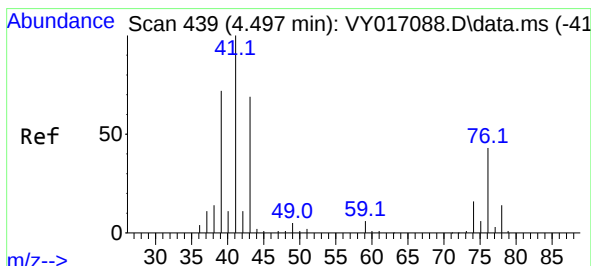
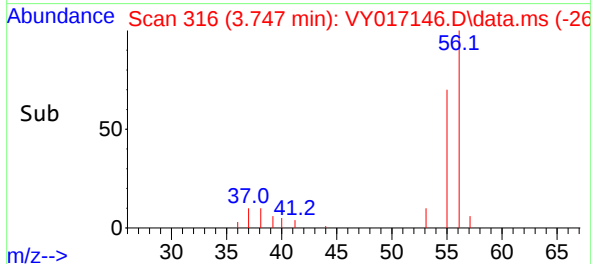
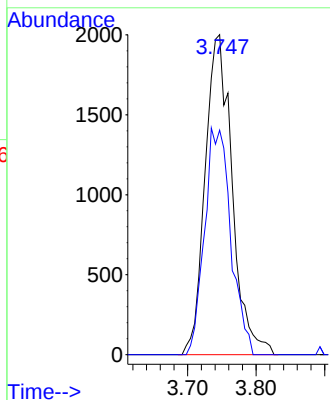


#13
Acrolein
Concen: 40.033 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

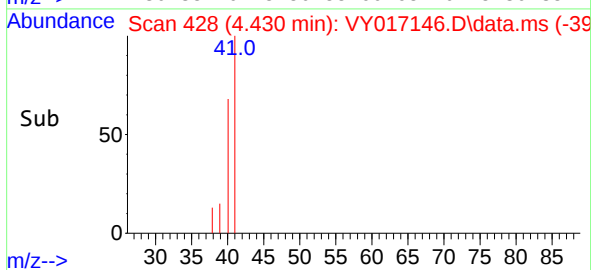
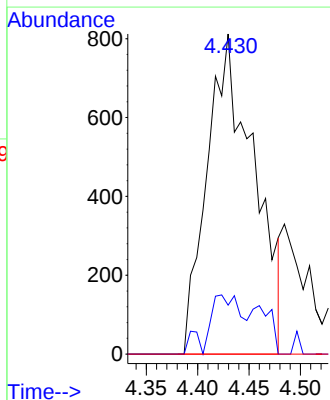
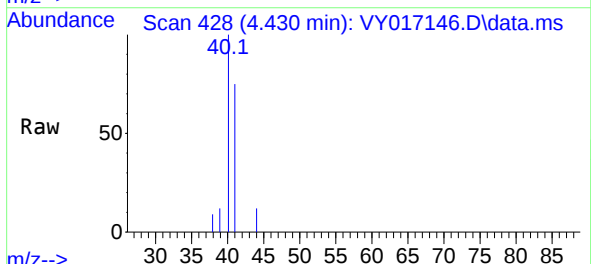


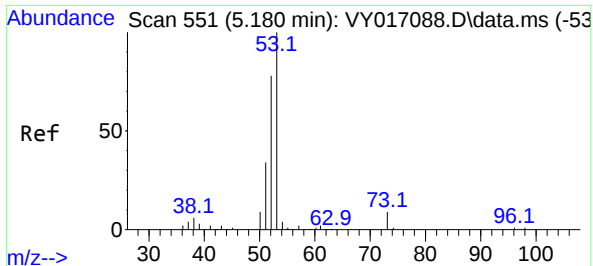
Tgt Ion: 56 Resp: 5476
Ion Ratio Lower Upper
56 100
55 68.9 55.4 83.0



#14
Allyl chloride
Concen: 1.423 ug/l
RT: 4.430 min Scan# 428
Delta R.T. -0.067 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

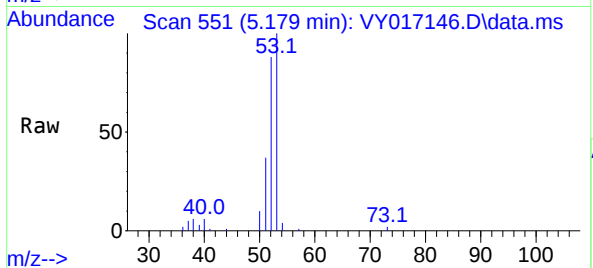
Tgt Ion: 41 Resp: 2578
Ion Ratio Lower Upper
41 100
39 13.2 54.7 82.1#
76 0.0 31.8 47.6#



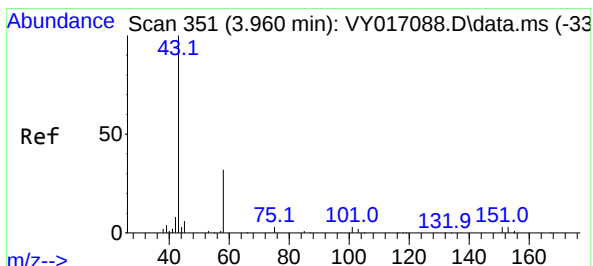
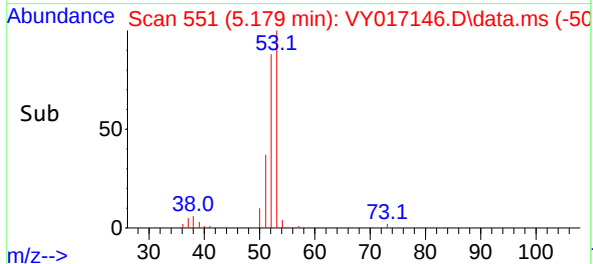
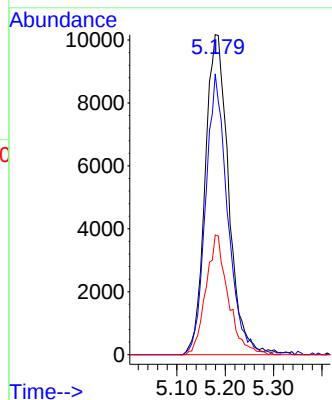


#15
Acrylonitrile
Concen: 116.991 ug/l
RT: 5.179 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

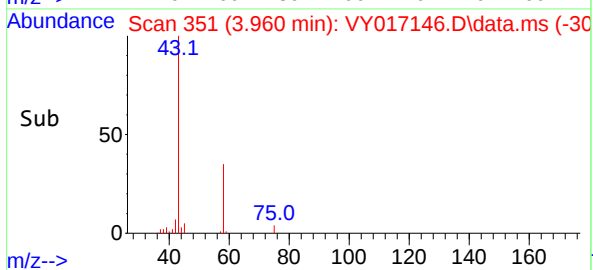
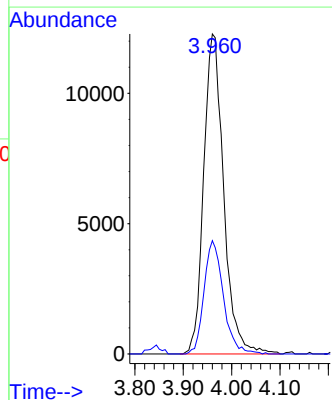
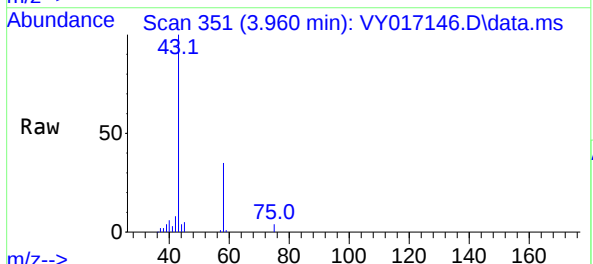


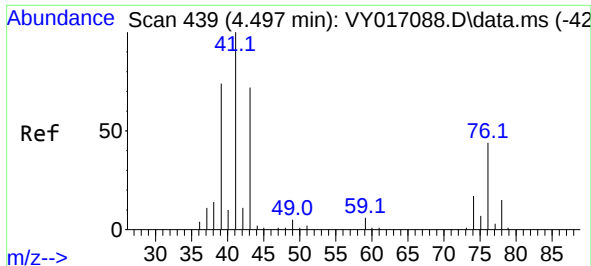
Tgt Ion:	53	Resp:	34246
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.1	97.7
51	35.5	29.0	43.4



#16
Acetone
Concen: 94.081 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion:	43	Resp:	35210
Ion	Ratio	Lower	Upper
43	100		
58	35.4	26.6	39.8





#18

Methyl Acetate

Concen: 24.359 ug/l

RT: 4.497 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

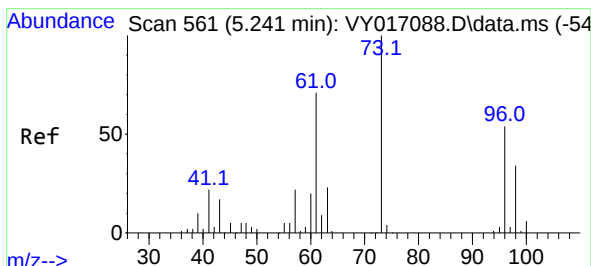
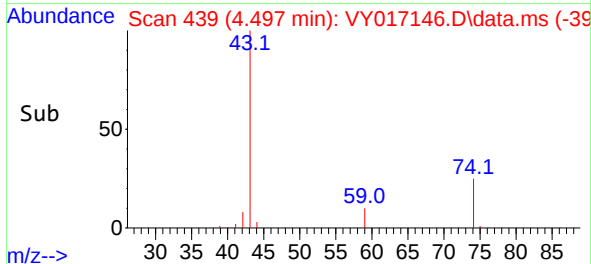
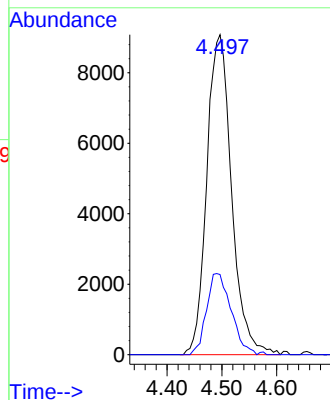
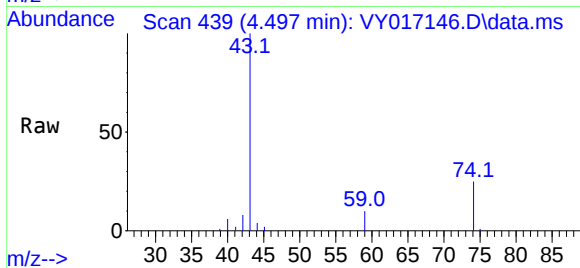
ClientSampleId :

Tgt Ion: 43 Resp: 28501

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.6



#19

Methyl tert-butyl Ether

Concen: 4.320 ug/l

RT: 5.234 min Scan# 560

Delta R.T. 0.000 min

Lab File: VY017146.D

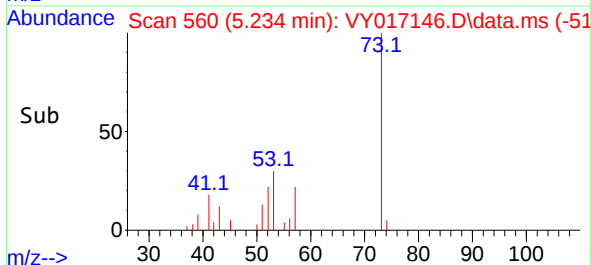
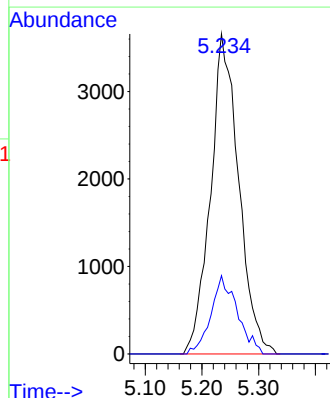
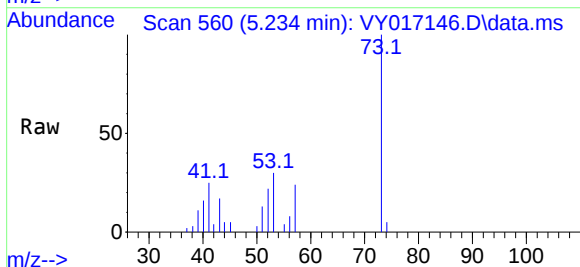
Acq: 30 Jan 2024 16:12

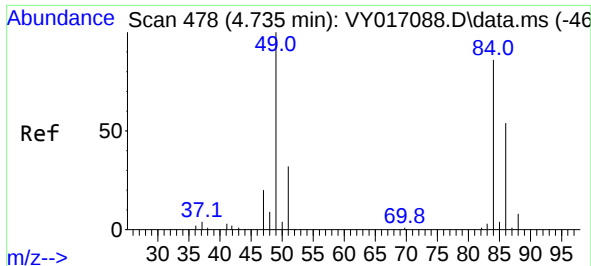
Tgt Ion: 73 Resp: 12634

Ion Ratio Lower Upper

73 100

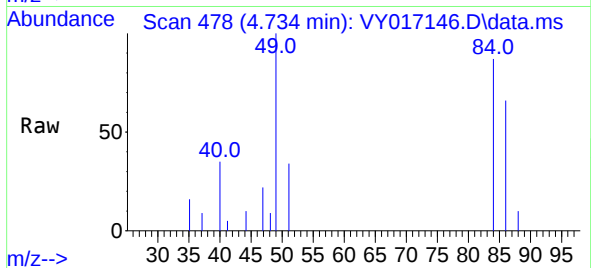
57 24.5 17.7 26.5





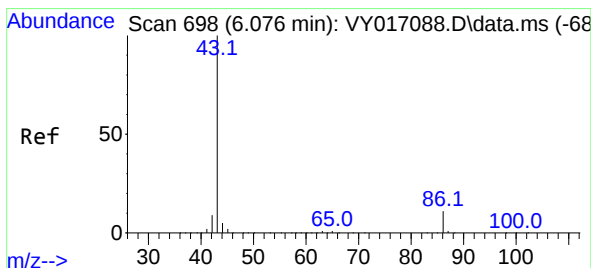
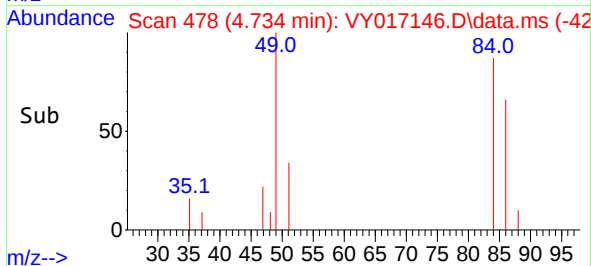
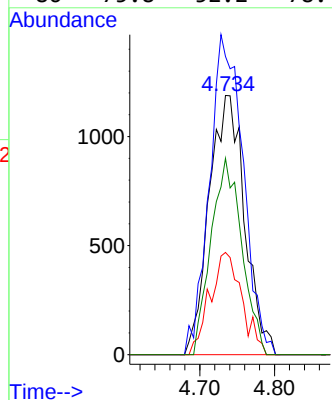
#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3912

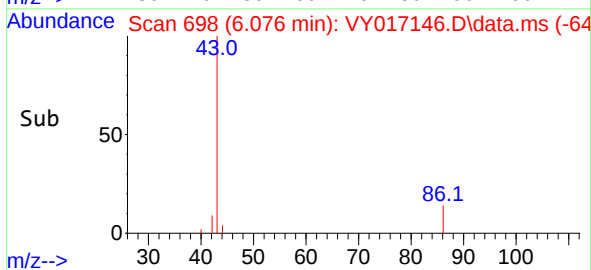
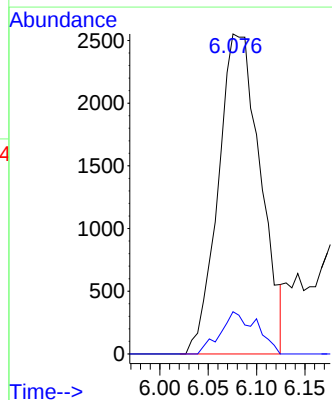
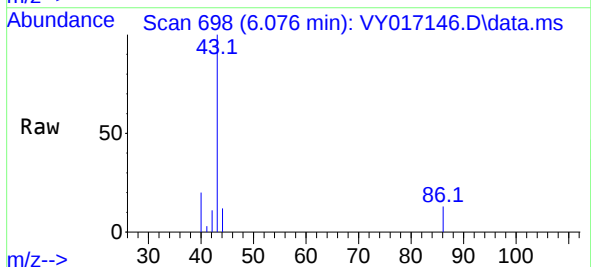
Ion	Ratio	Lower	Upper
84	100		
49	115.1	95.2	142.8
51	39.5	29.9	44.9
86	75.8	52.2	78.4

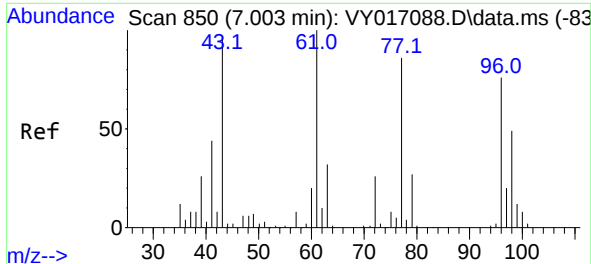


#23
Vinyl Acetate
Concen: 3.982 ug/l
RT: 6.076 min Scan# 698
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 43 Resp: 7725

Ion	Ratio	Lower	Upper
43	100		
86	13.2	8.6	13.0#





#25

2-Butanone

Concen: 99.872 ug/l

RT: 7.002 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

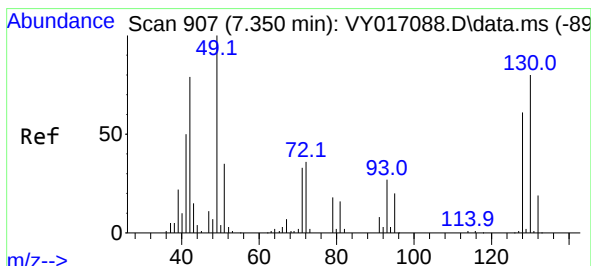
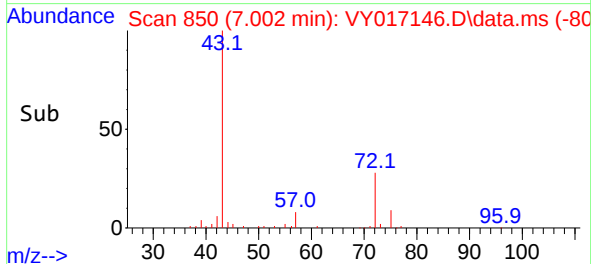
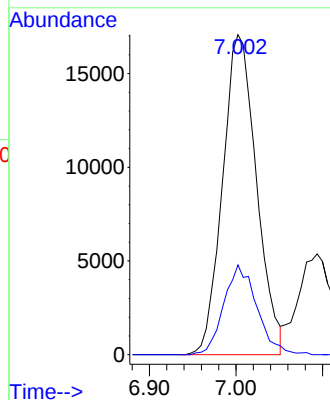
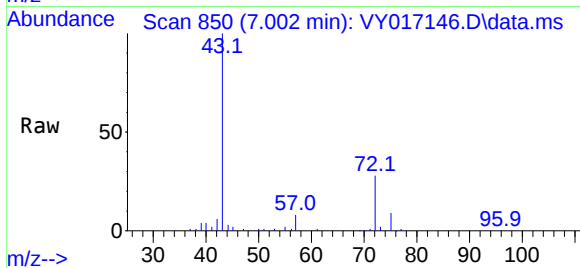
ClientSampleId :

Tgt Ion: 43 Resp: 46427

Ion Ratio Lower Upper

43 100

72 28.1 21.4 32.2



#28

Bromochloromethane

Concen: 1.847 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

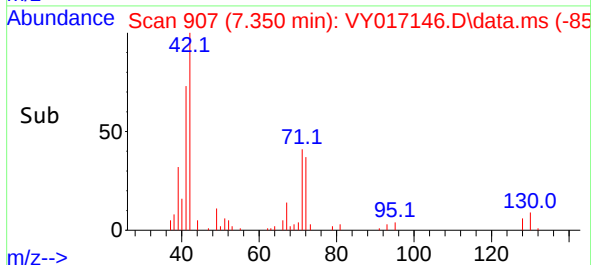
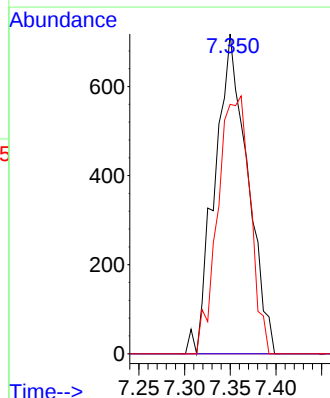
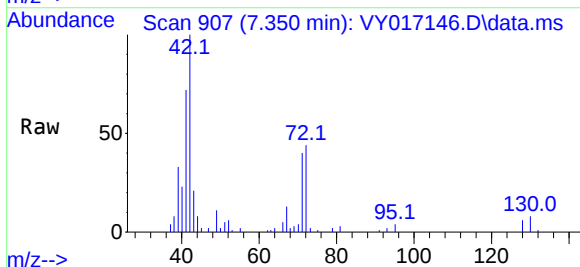
Tgt Ion: 49 Resp: 1794

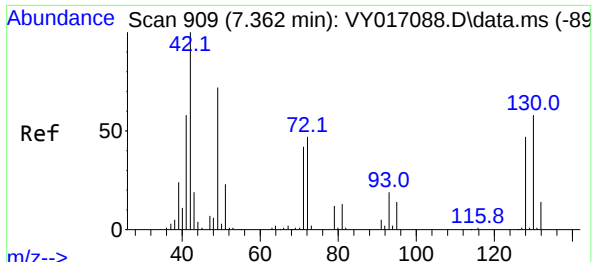
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 79.3 59.8 89.8

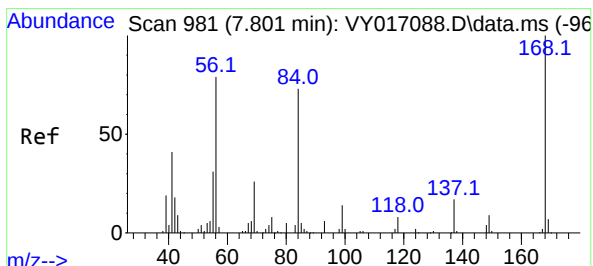
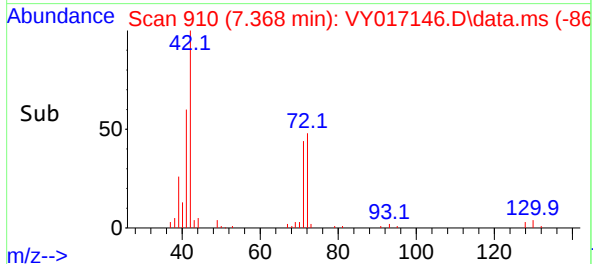
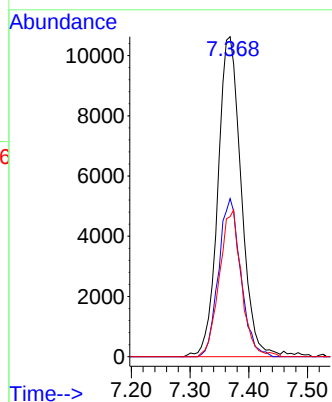
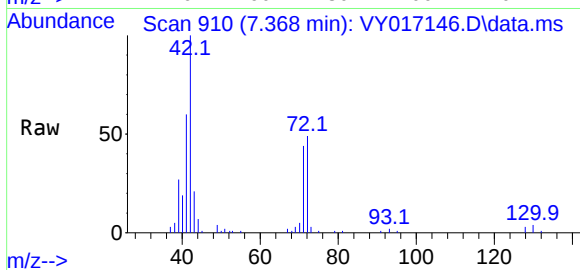




#29
Tetrahydrofuran
Concen: 126.404 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

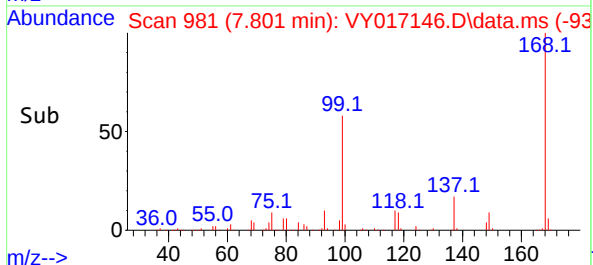
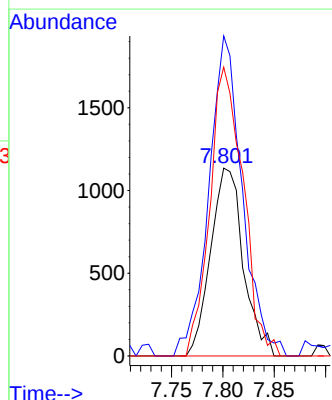
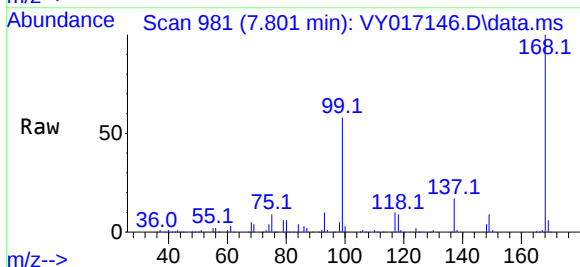
Instrument :
MSVOA_Y
ClientSampleId :

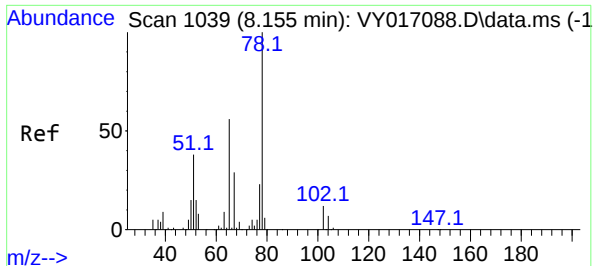
Tgt Ion:	42	Resp:	29234
Ion	Ratio	Lower	Upper
42	100		
72	46.9	36.6	54.8
71	43.5	33.8	50.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion:	56	Resp:	2511
Ion	Ratio	Lower	Upper
56	100		
69	162.6	27.0	40.6#
84	153.7	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 41.695 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

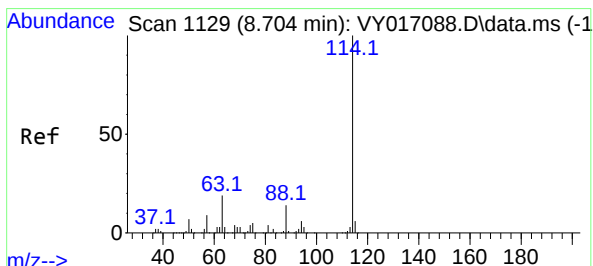
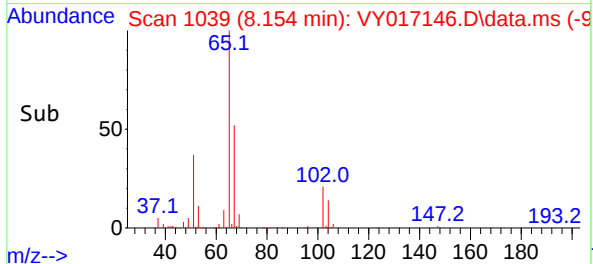
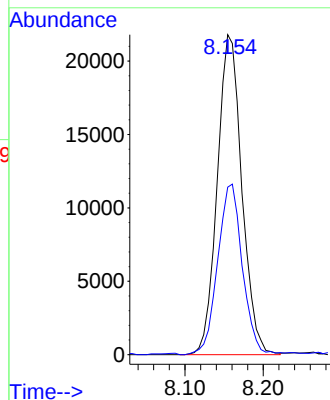
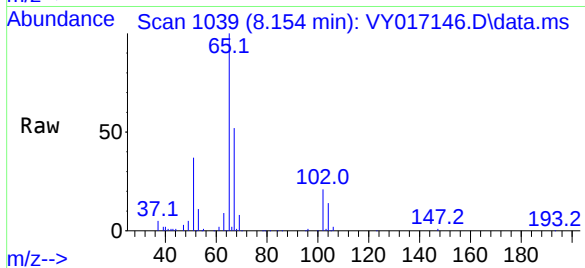
ClientSampleId :

Tgt Ion: 65 Resp: 47555

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

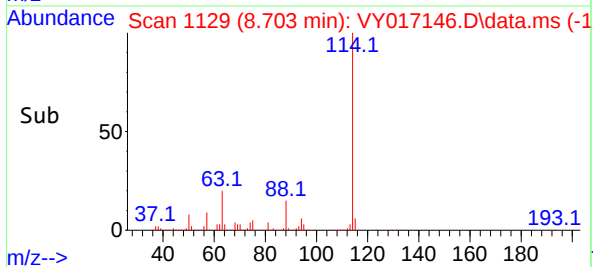
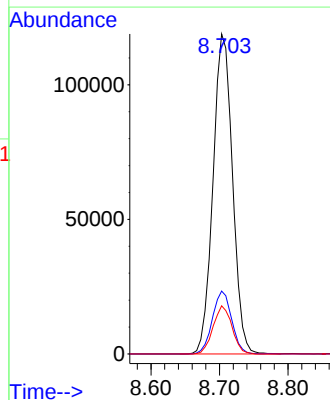
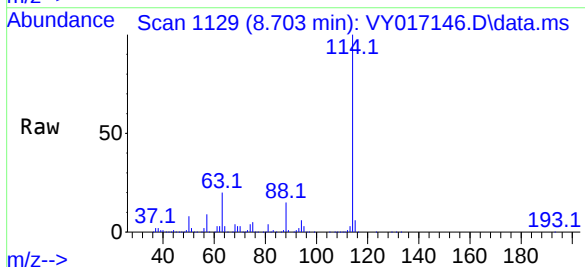
Tgt Ion: 114 Resp: 234426

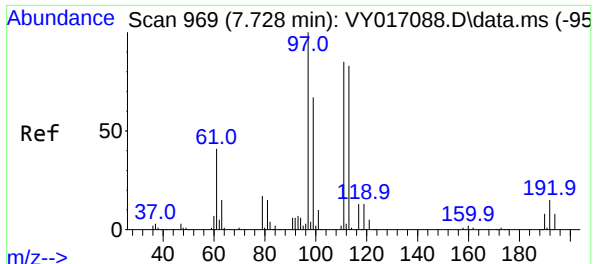
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

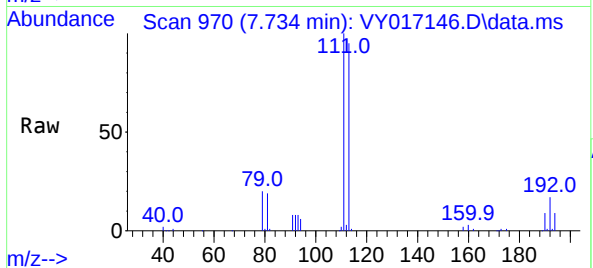
88 15.1 0.0 29.0



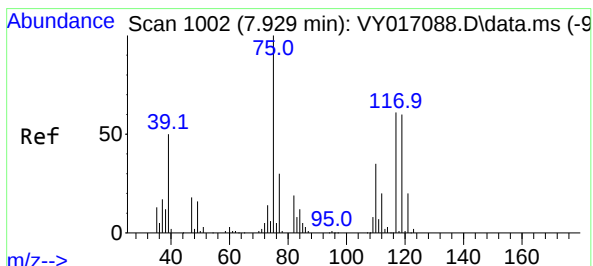
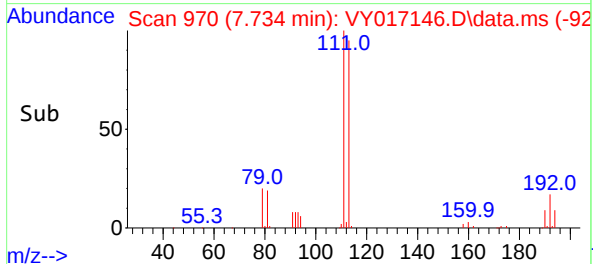
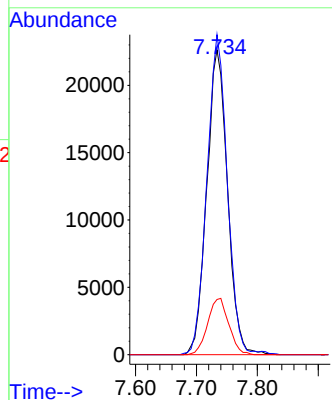


#35
Dibromofluoromethane
Concen: 37.884 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

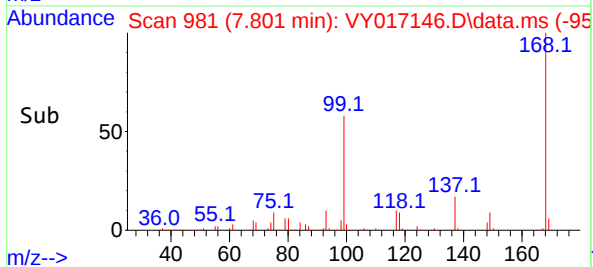
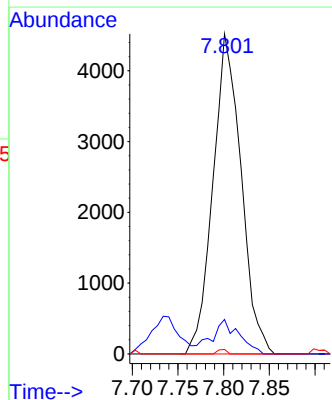
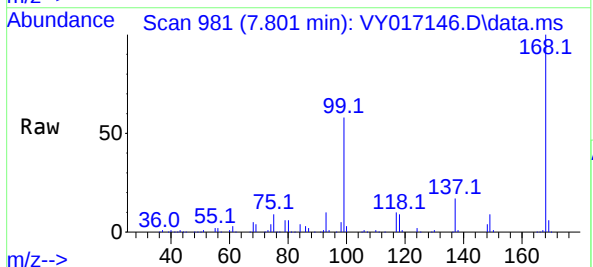


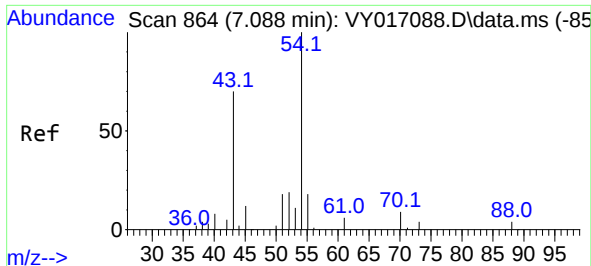
Tgt Ion:113 Resp: 53600
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 75 Resp: 9660
Ion Ratio Lower Upper
75 100
110 10.7 17.4 52.3#
77 0.5 24.7 37.1#





#37

Ethyl Acetate

Concen: 15.822 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

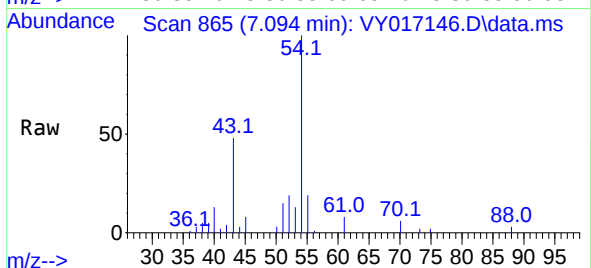
Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :



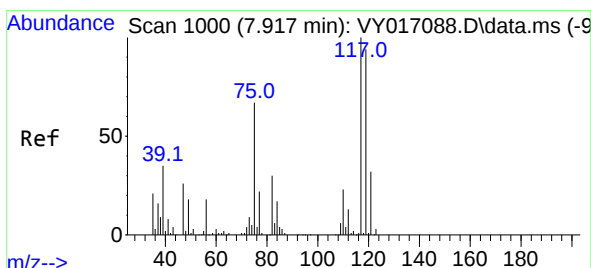
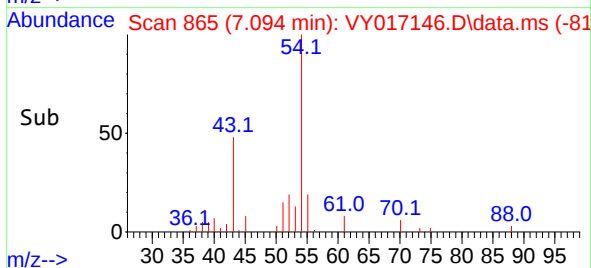
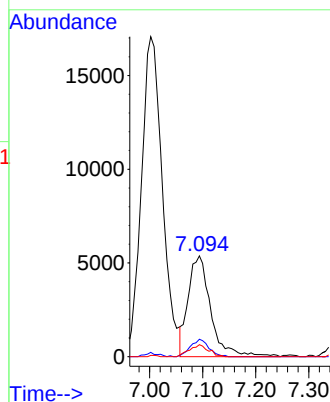
Tgt Ion: 43 Resp: 15837

Ion	Ratio	Lower	Upper
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43	100		
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61	14.1	11.0	16.6
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70	10.0	8.1	12.1
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#38

Carbon Tetrachloride

Concen: 5.298 ug/l

RT: 7.807 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

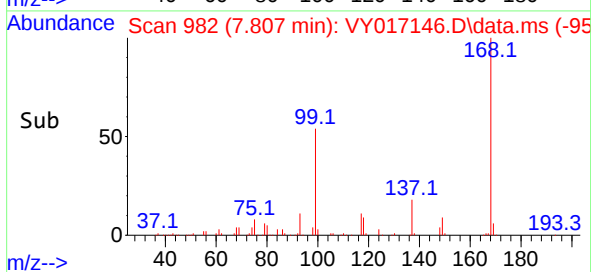
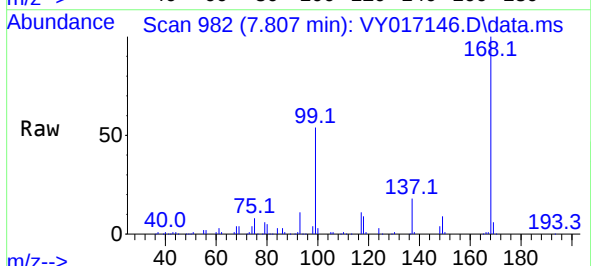
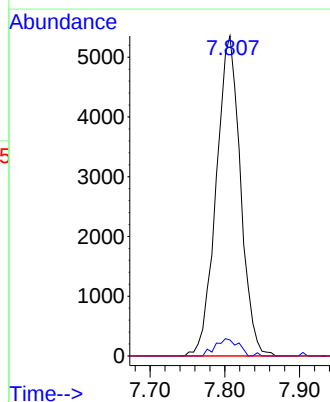
Tgt Ion: 117 Resp: 12086

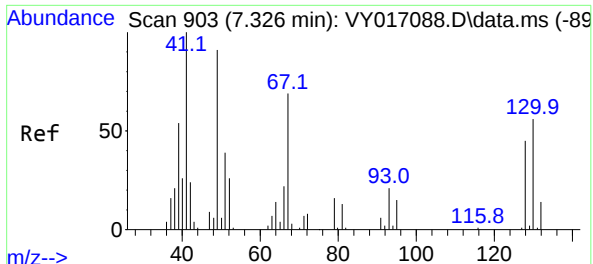
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

117	100		
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119	5.0	76.0	114.0#
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121	0.0	24.2	36.2#
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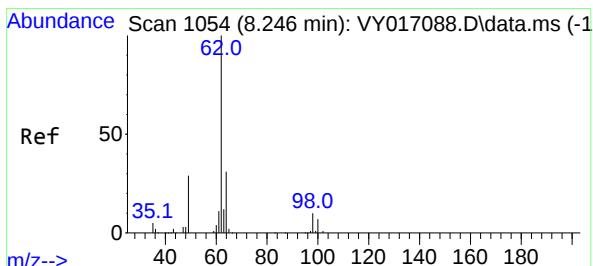
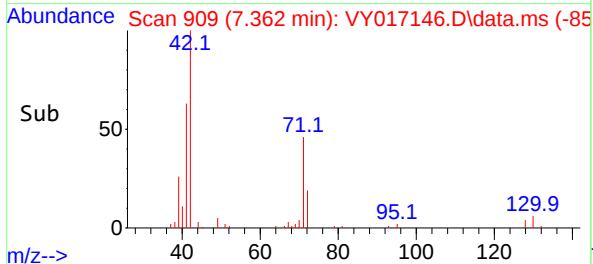
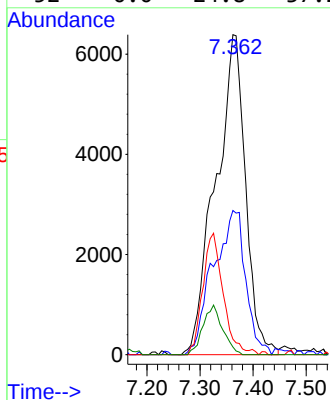
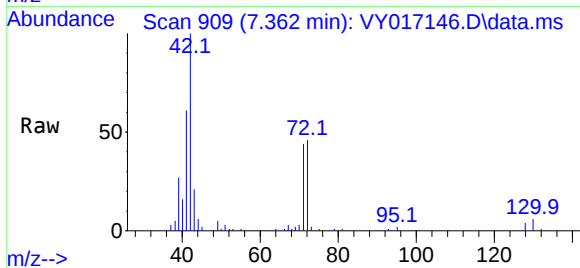




#41
Methacrylonitrile
Concen: 46.759 ug/l
RT: 7.362 min Scan# 90
Delta R.T. 0.043 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

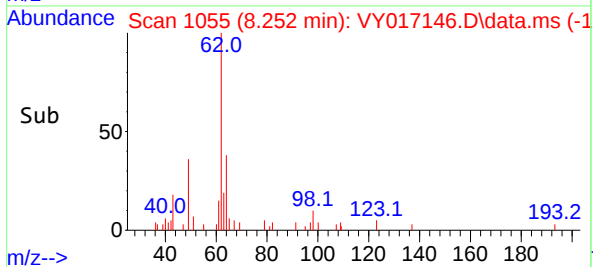
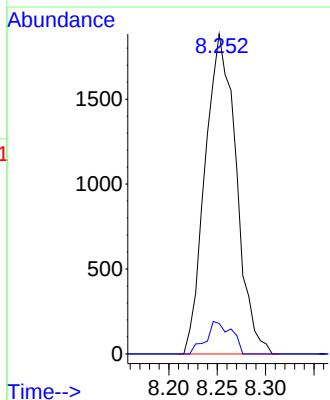
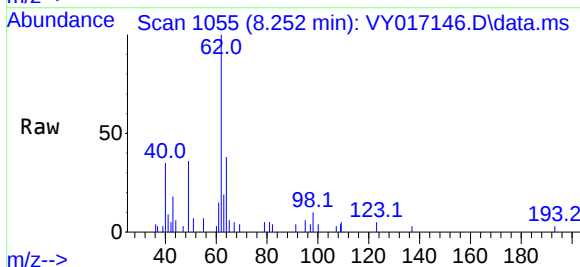
Instrument :
MSVOA_Y
ClientSampleId :

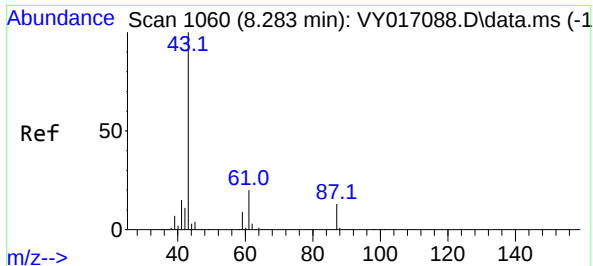
Tgt Ion: 41 Resp: 25032
Ion Ratio Lower Upper
41 100
39 48.9 41.9 62.9
67 0.0 59.8 89.6#
52 0.0 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 2.400 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 62 Resp: 4206
Ion Ratio Lower Upper
62 100
98 8.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 10.615 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

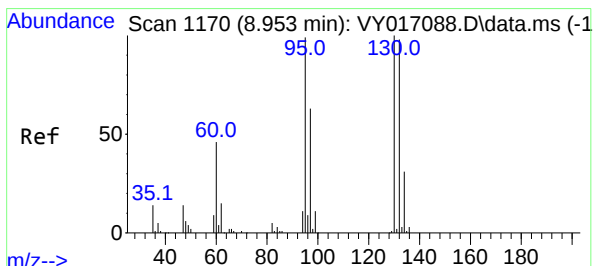
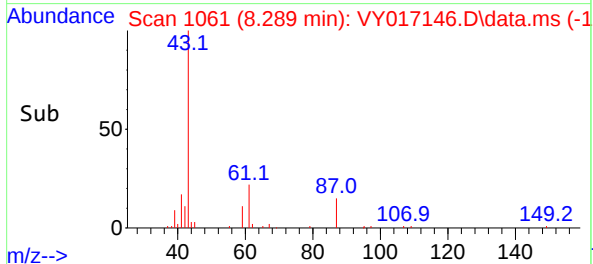
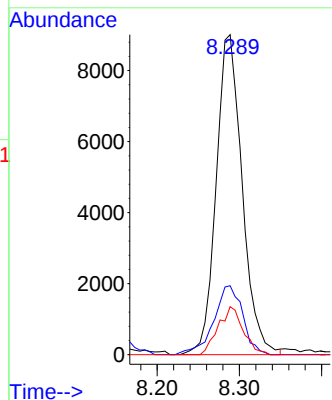
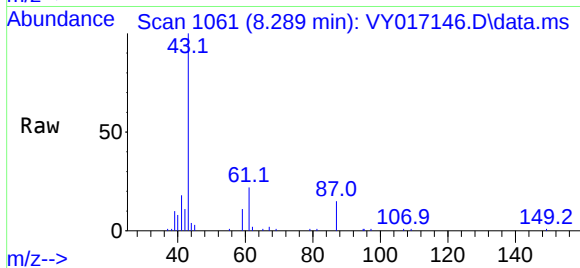
Tgt Ion: 43 Resp: 19836

Ion Ratio Lower Upper

43 100

61 24.0 24.8 37.2#

87 14.4 10.7 16.1



#44

Trichloroethene

Concen: 1.648 ug/l

RT: 8.953 min Scan# 1170

Delta R.T. 0.006 min

Lab File: VY017146.D

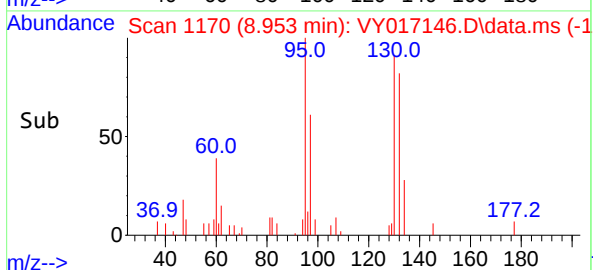
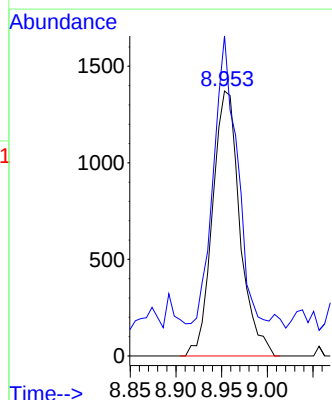
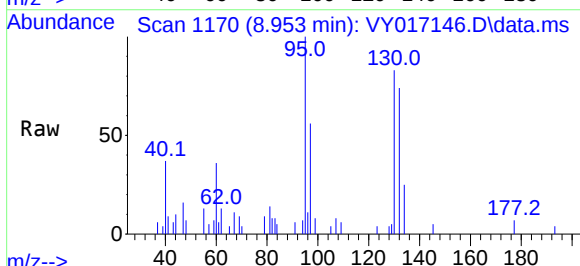
Acq: 30 Jan 2024 16:12

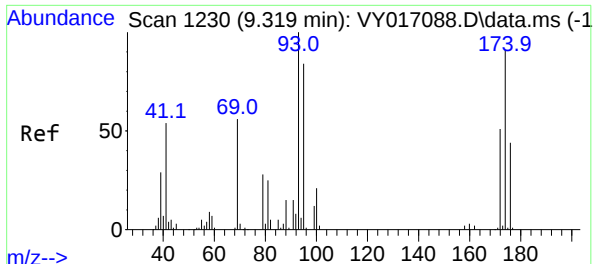
Tgt Ion:130 Resp: 2858

Ion Ratio Lower Upper

130 100

95 107.0 0.0 203.8





#46

Dibromomethane

Concen: 3.630 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017146.D

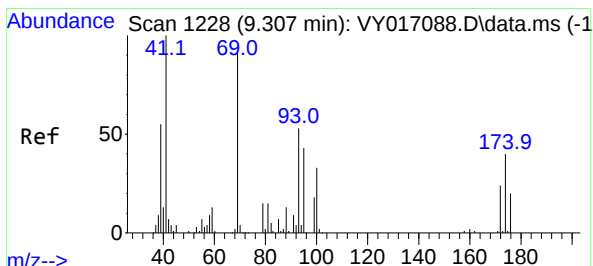
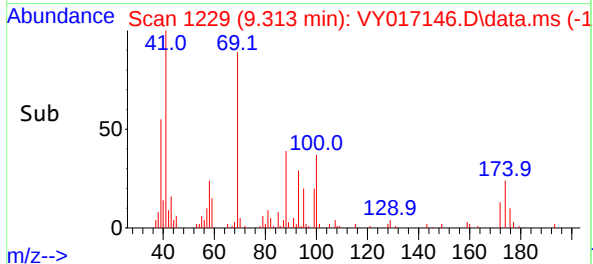
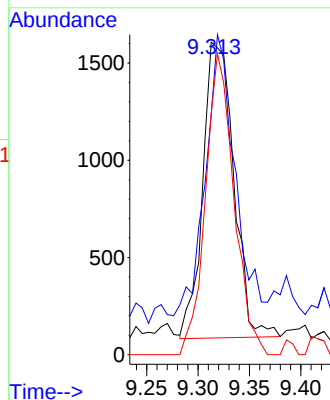
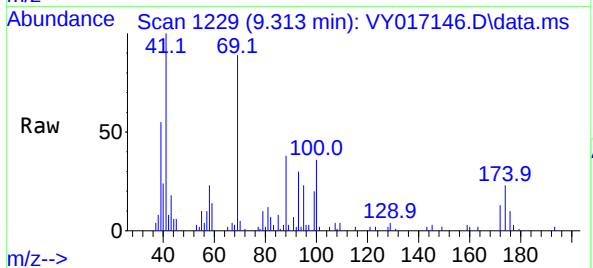
Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 93	Resp:	3199
Ion	Ratio	Lower Upper
93	100	
95	88.8	66.6 99.8
174	93.2	73.8 110.6



#48

Methyl methacrylate

Concen: 10.754 ug/l

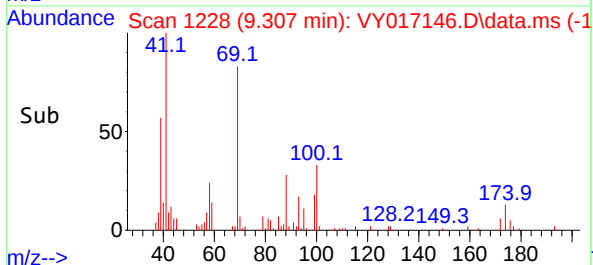
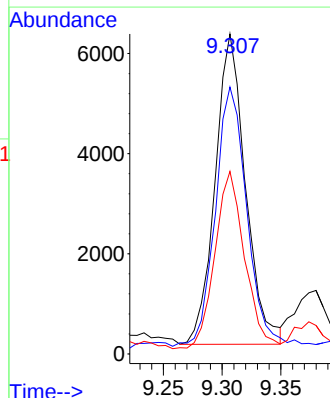
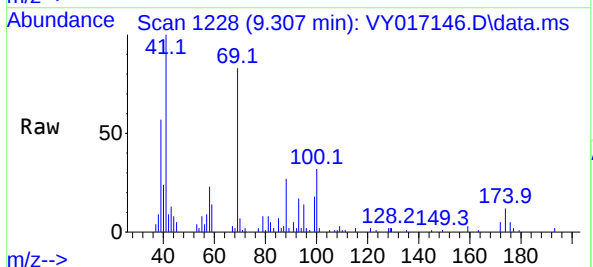
RT: 9.307 min Scan# 1228

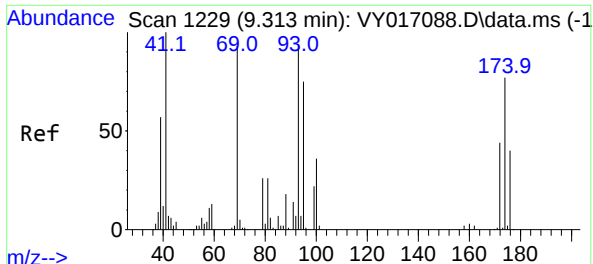
Delta R.T. 0.006 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Tgt Ion: 41	Resp:	11158
Ion	Ratio	Lower Upper
41	100	
69	86.8	72.1 108.1
39	55.4	42.8 64.2





#49

1,4-Dioxane

Concen: 563.624 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

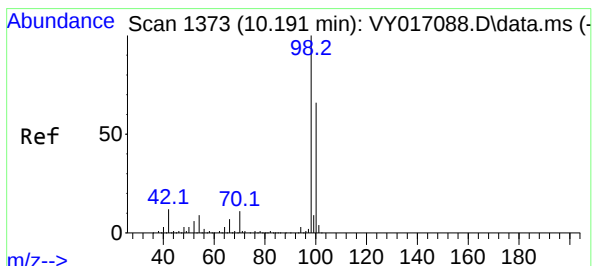
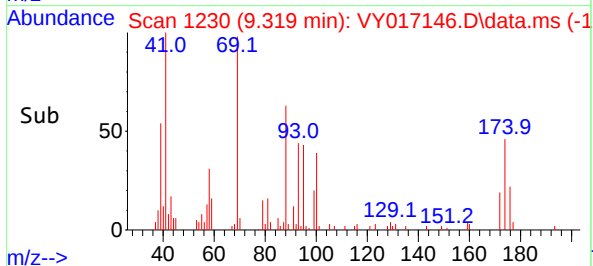
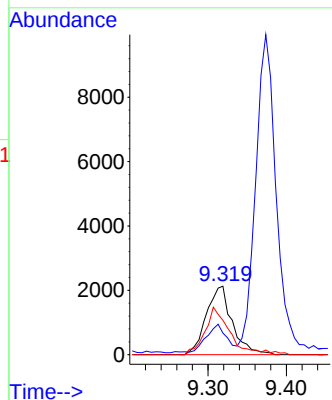
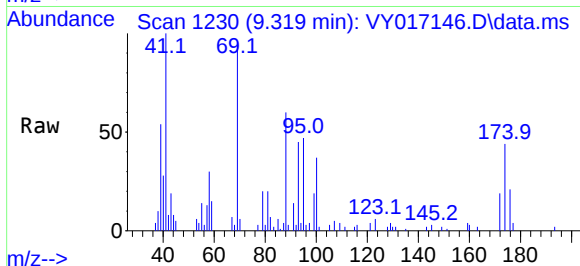
Tgt Ion: 88 Resp: 4885

Ion Ratio Lower Upper

88 100

43 33.6 28.2 42.4

58 67.3 52.2 78.2



#50

Toluene-d8

Concen: 39.788 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017146.D

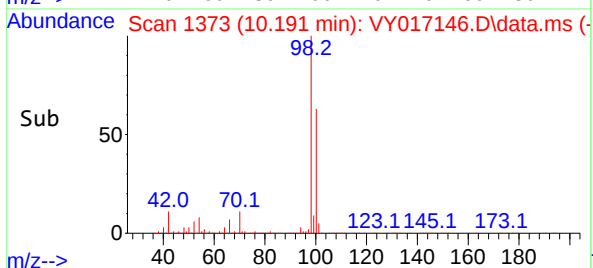
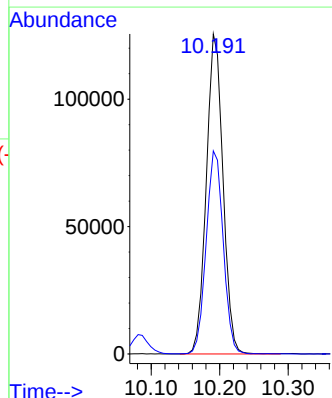
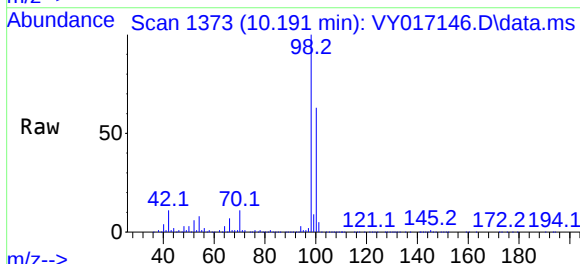
Acq: 30 Jan 2024 16:12

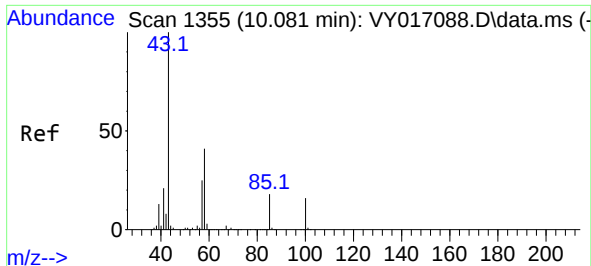
Tgt Ion: 98 Resp: 212625

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

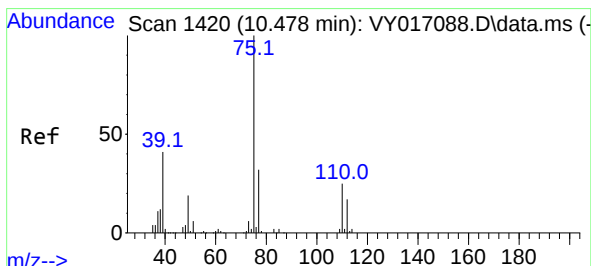
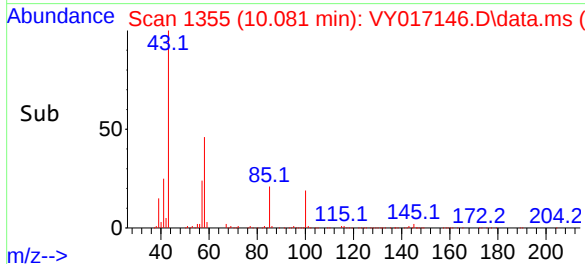
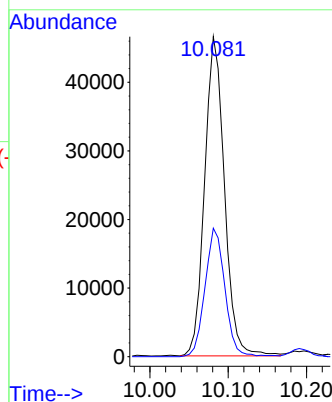
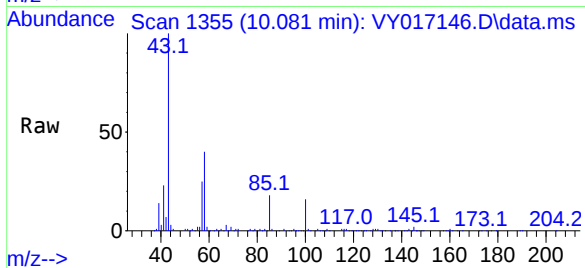




#51
4-Methyl-2-Pentanone
Concen: 82.335 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

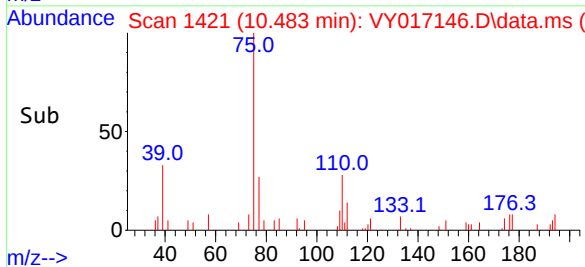
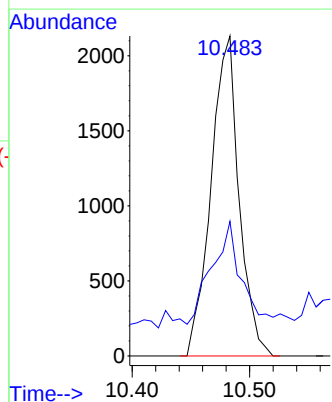
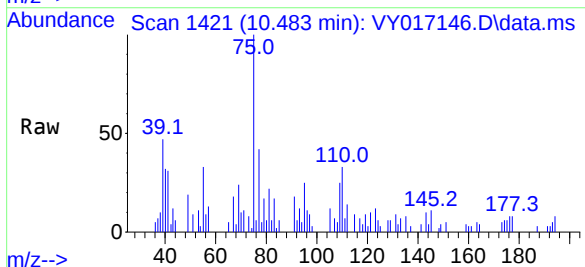
Instrument :
MSVOA_Y
ClientSampleId :

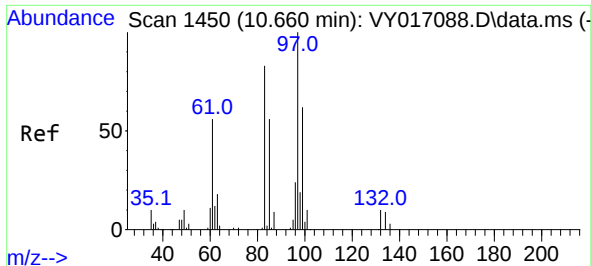
Tgt Ion: 43 Resp: 81843
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#53
t-1,3-Dichloropropene
Concen: 1.727 ug/l
RT: 10.483 min Scan# 1421
Delta R.T. 0.012 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

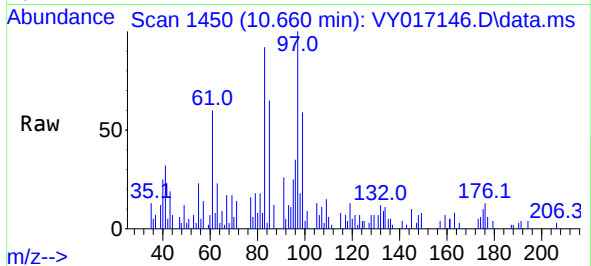
Tgt Ion: 75 Resp: 3536
Ion Ratio Lower Upper
75 100
77 30.4 24.6 36.8





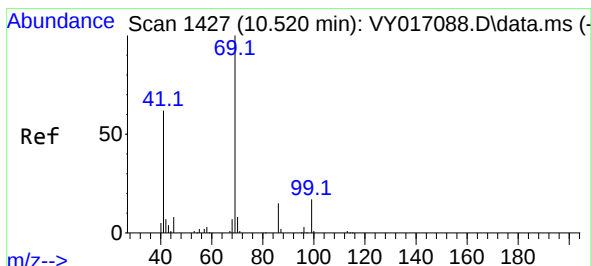
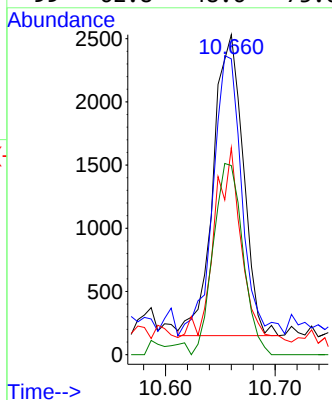
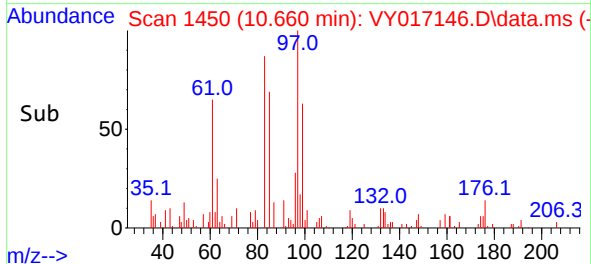
#55
1,1,2-Trichloroethane
Concen: 3.676 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

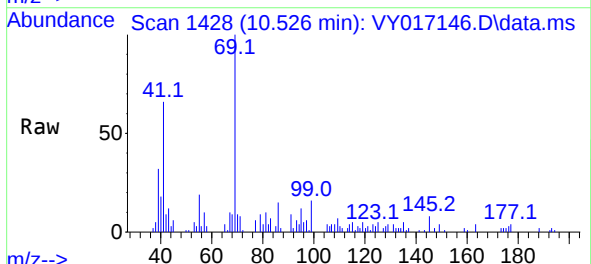


Tgt Ion: 97 Resp: 4528

Ion	Ratio	Lower	Upper
97	100		
83	92.1	69.4	104.2
85	63.0	43.9	65.9
99	62.8	48.6	73.0

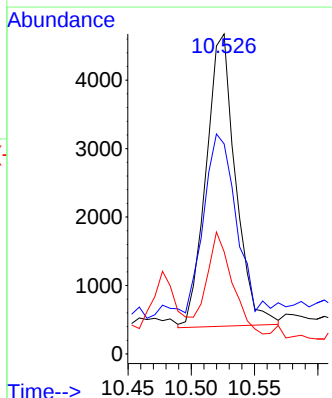
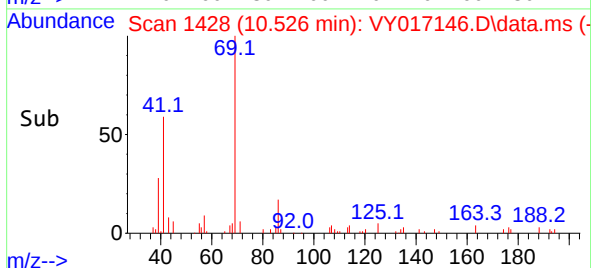


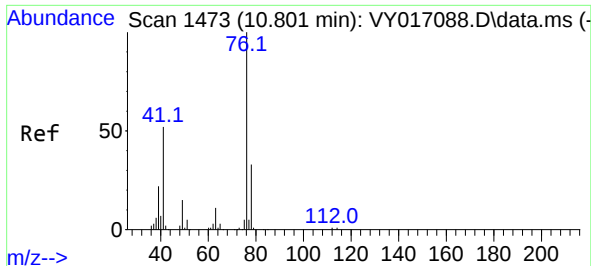
#56
Ethyl methacrylate
Concen: 6.424 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12



Tgt Ion: 69 Resp: 6919

Ion	Ratio	Lower	Upper
69	100		
41	64.7	49.2	73.8
39	30.0	26.8	40.2





#57

1,3-Dichloropropane

Concen: 3.194 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA_Y

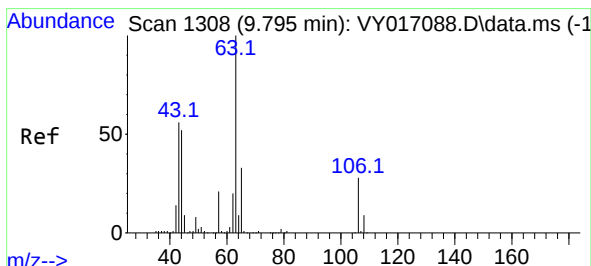
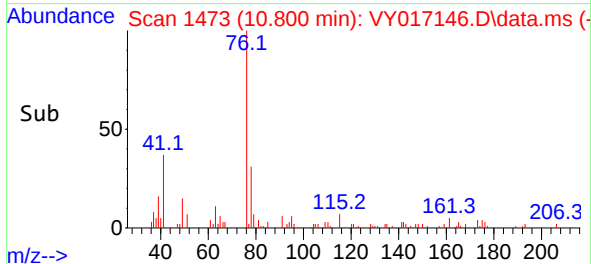
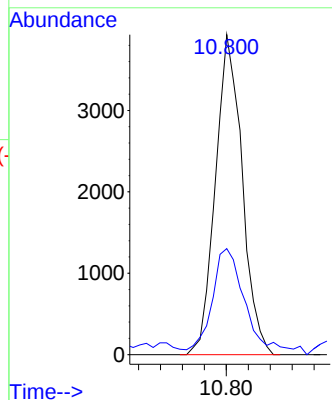
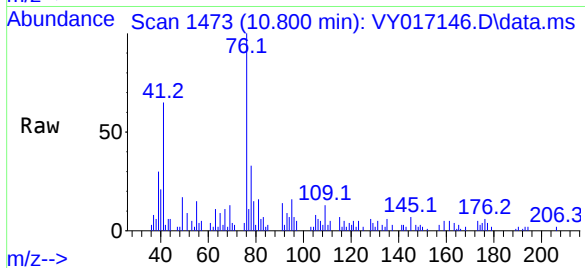
ClientSampleId :

Tgt Ion: 76 Resp: 6650

Ion Ratio Lower Upper

76 100

78 42.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 42.075 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017146.D

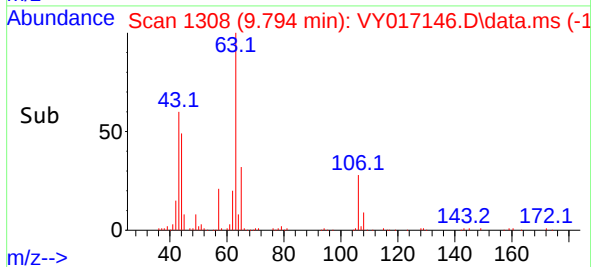
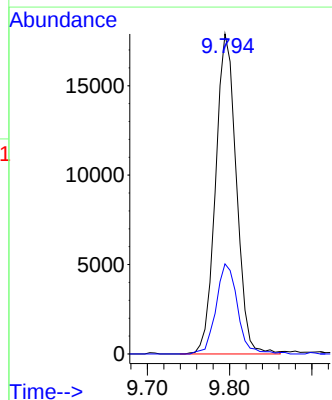
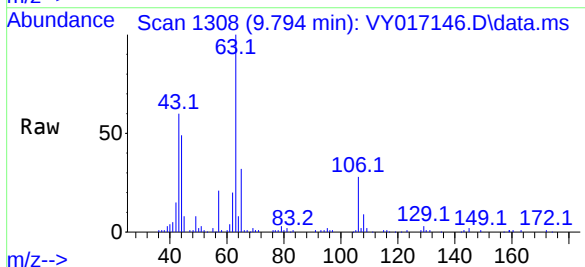
Acq: 30 Jan 2024 16:12

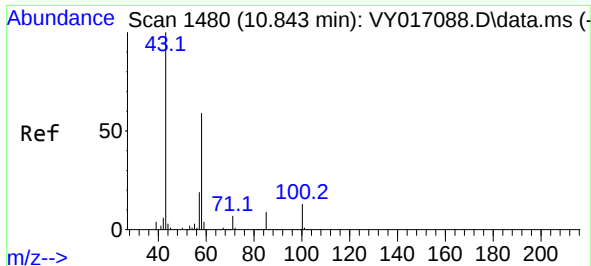
Tgt Ion: 63 Resp: 31457

Ion Ratio Lower Upper

63 100

106 29.1 22.4 33.6

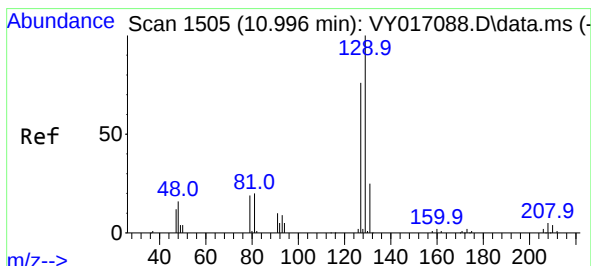
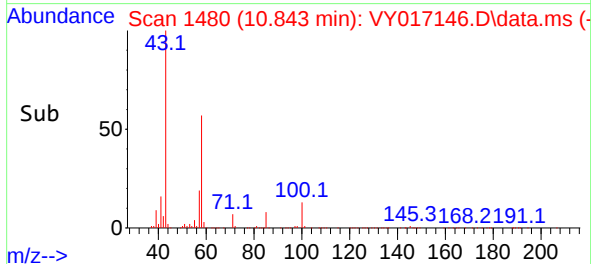
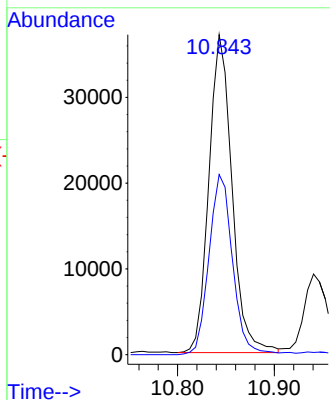
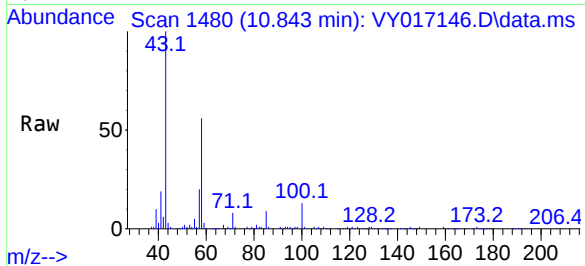




#59
2-Hexanone
Concen: 81.054 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

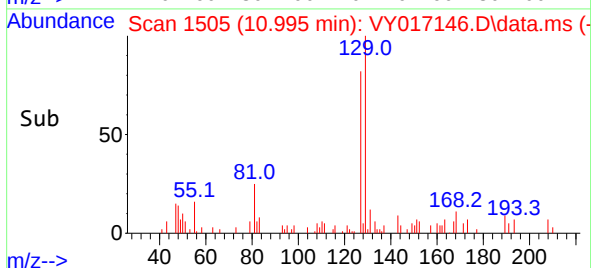
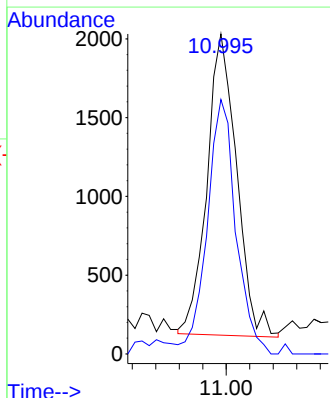
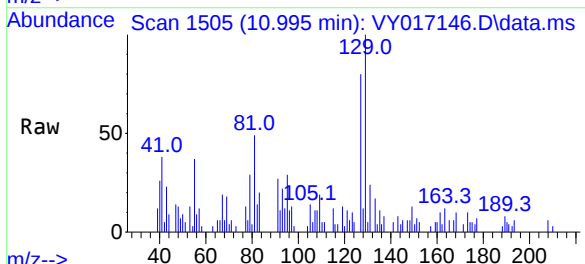
Instrument :
MSVOA_Y
ClientSampleId :

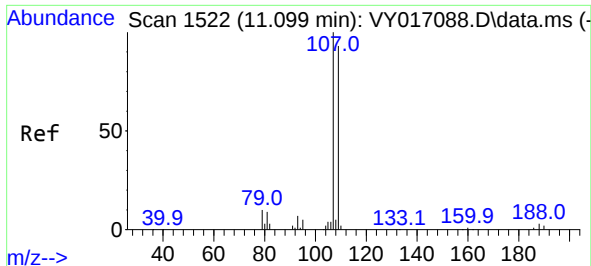
Tgt Ion: 43 Resp: 61467
Ion Ratio Lower Upper
43 100
58 58.2 28.1 84.3



#60
Dibromochloromethane
Concen: 2.340 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.001 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 129 Resp: 3348
Ion Ratio Lower Upper
129 100
127 81.8 39.2 117.6

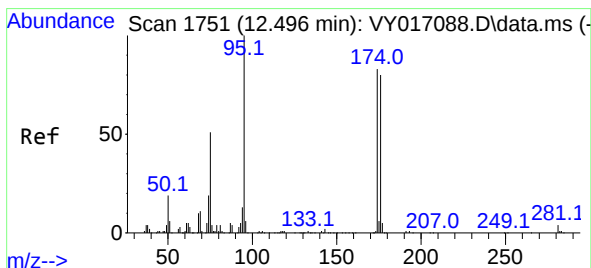
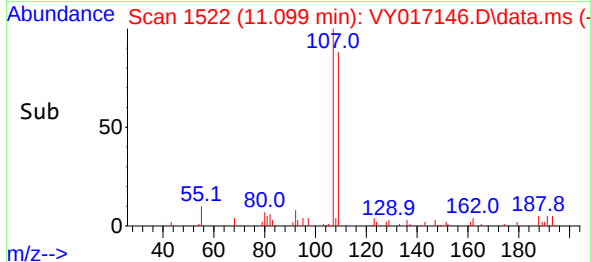
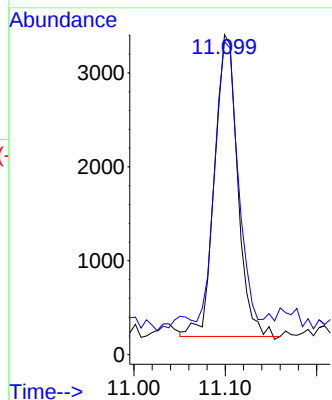
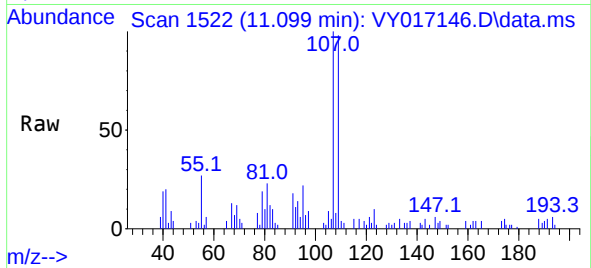




#61
1,2-Dibromoethane
Concen: 5.021 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

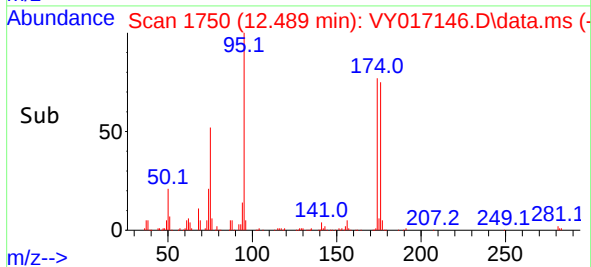
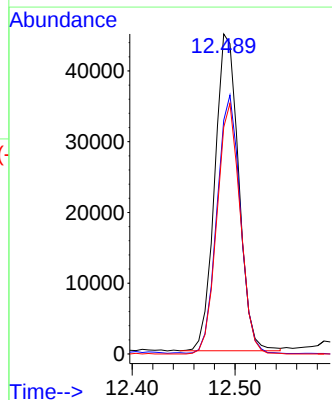
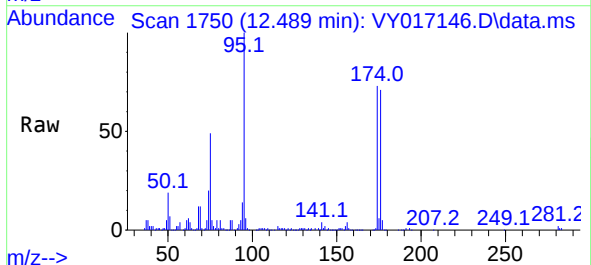
Instrument :
MSVOA_Y
ClientSampleId :

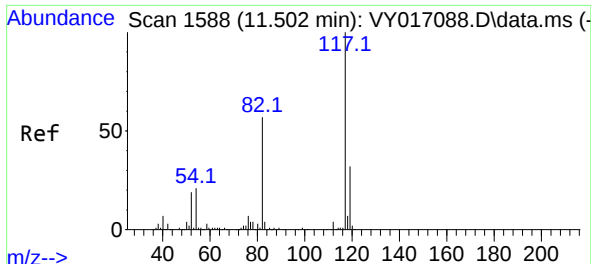
Tgt Ion:107 Resp: 5618
Ion Ratio Lower Upper
107 100
109 92.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.913 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

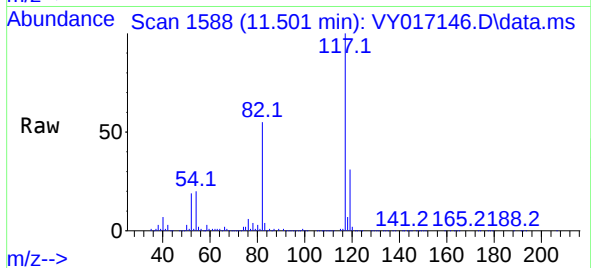
Tgt Ion: 95 Resp: 72291
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.7 0.0 151.8



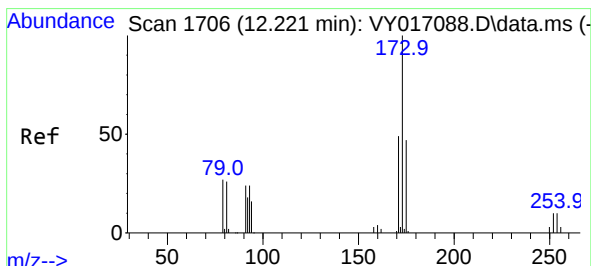
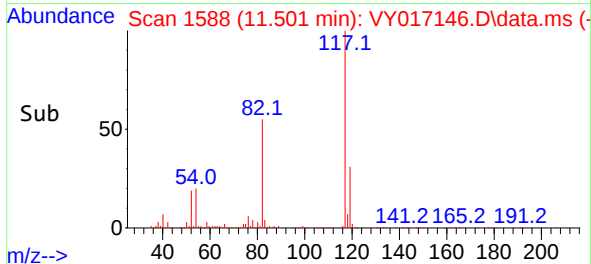
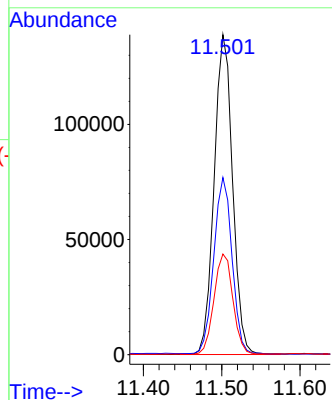


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :

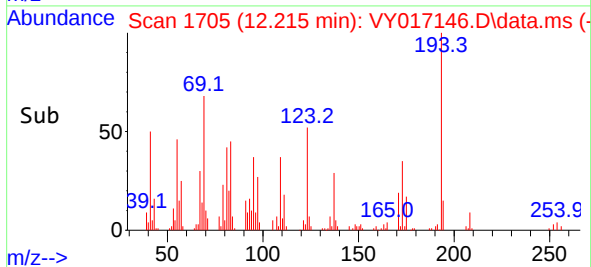
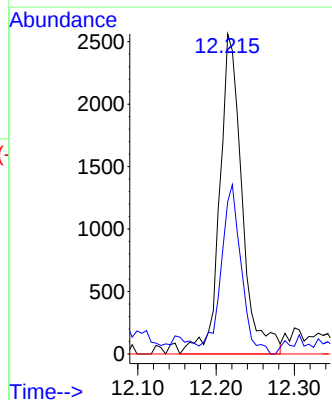
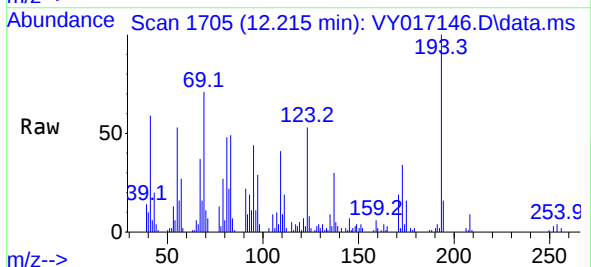


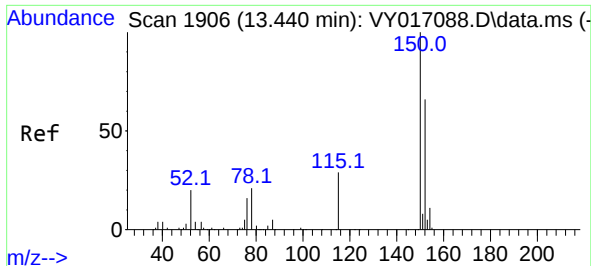
Tgt Ion:117 Resp: 227108
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.4 26.5 39.7



#71
Bromoform
Concen: 5.777 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion:173 Resp: 5092
Ion Ratio Lower Upper
173 100
175 47.5 23.5 70.6
254 0.0 0.0 0.0

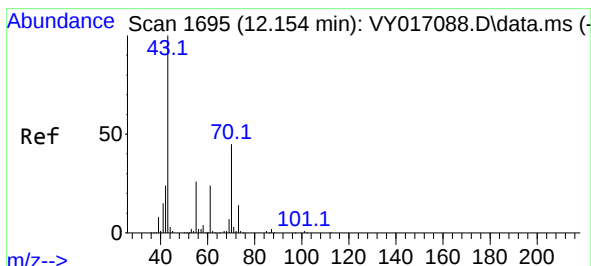
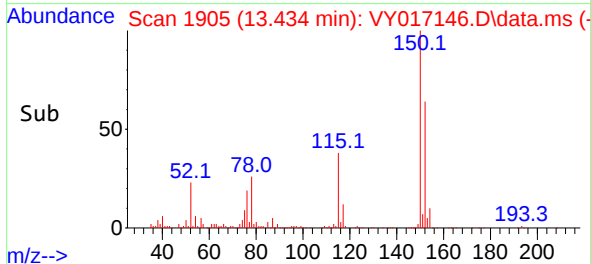
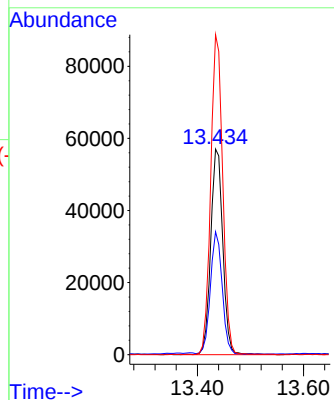
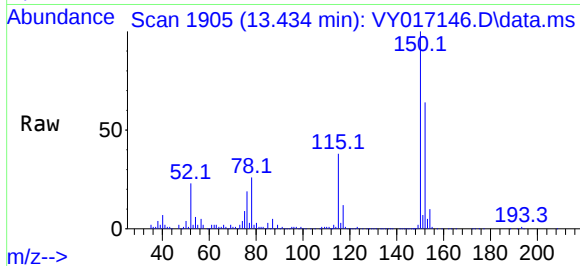




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

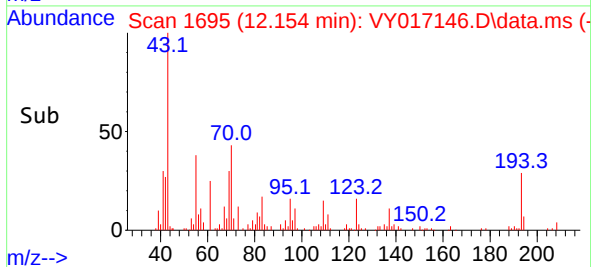
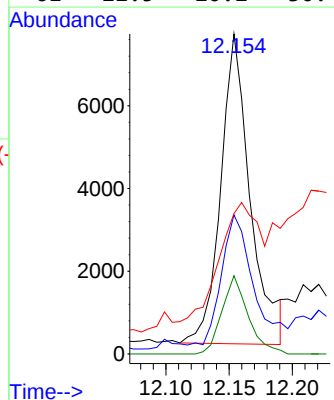
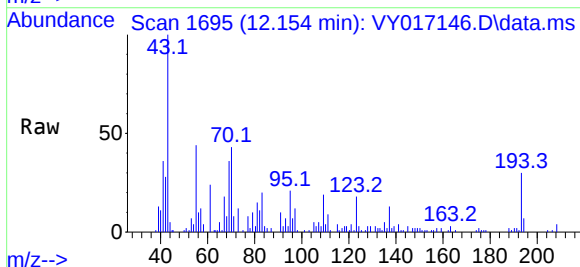
Instrument :
MSVOA_Y
ClientSampleId :

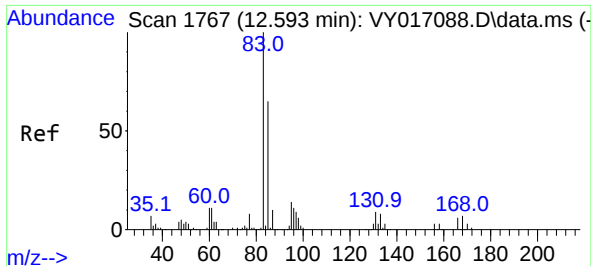
Tgt Ion:152 Resp: 90150
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 154.7 0.0 344.6



#74
N-ethyl acetate
Concen: 8.132 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 43 Resp: 12147
Ion Ratio Lower Upper
43 100
70 50.3 36.6 55.0
55 52.6 22.2 33.4#
61 22.5 20.2 30.4

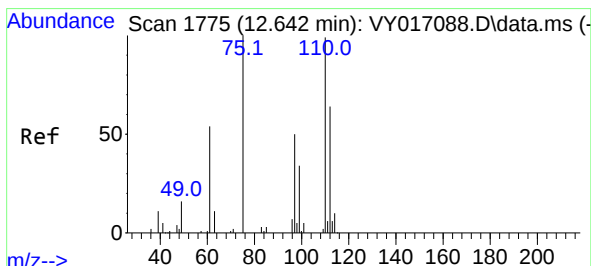
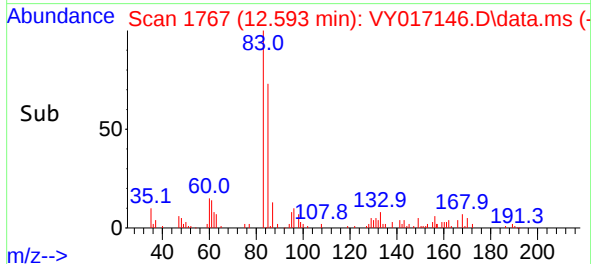
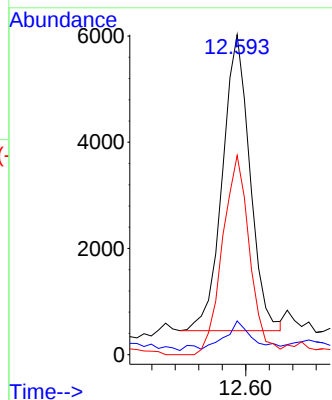
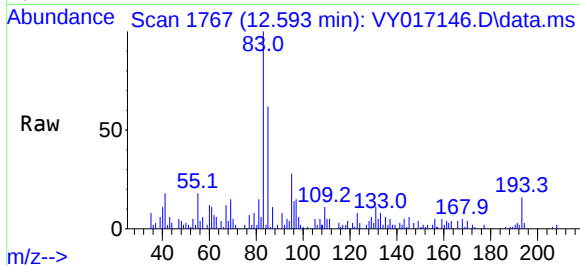




#75
1,1,2,2-Tetrachloroethane
Concen: 6.417 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

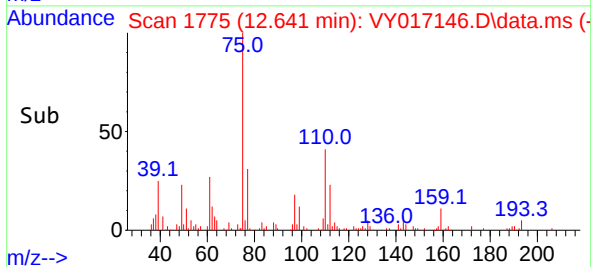
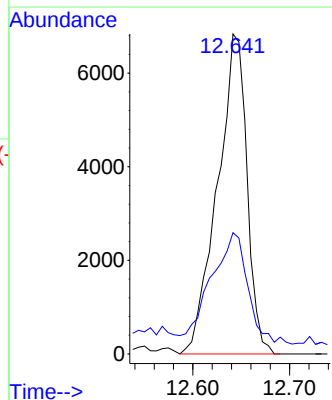
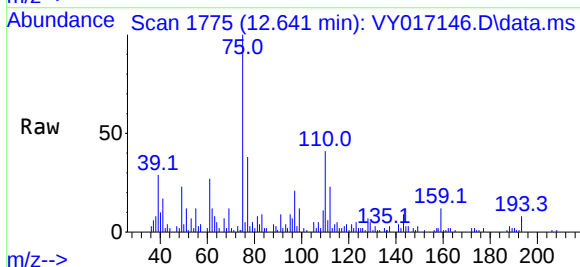
Instrument :
MSVOA_Y
ClientSampleId :

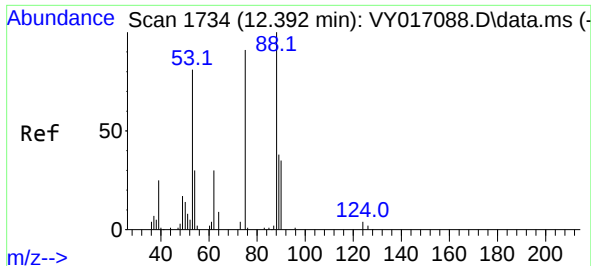
Tgt Ion: 83 Resp: 9069
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.6
85 66.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 13.219 ug/l
RT: 12.641 min Scan# 1775
Delta R.T. -0.001 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion: 75 Resp: 14465
Ion Ratio Lower Upper
75 100
77 43.5 0.0 0.0#

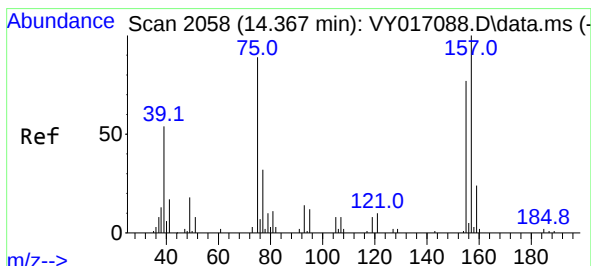
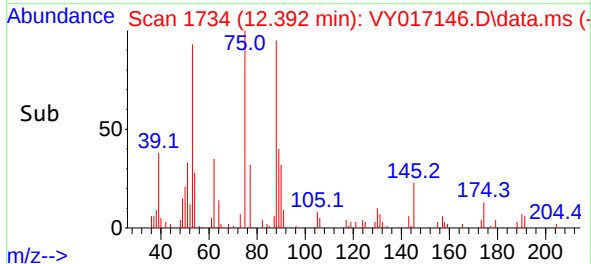
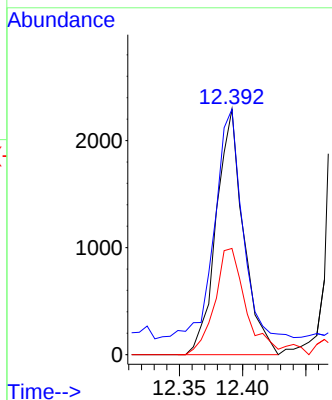
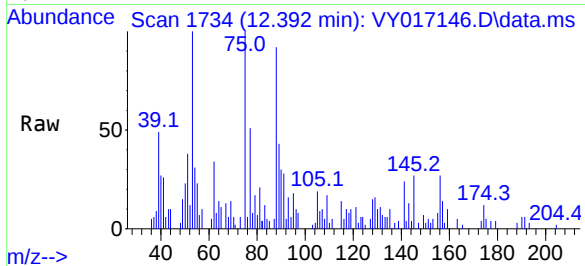




#81
trans-1,4-Dichloro-2-butene
Concen: 8.108 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

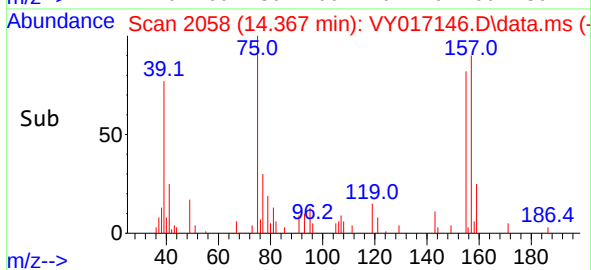
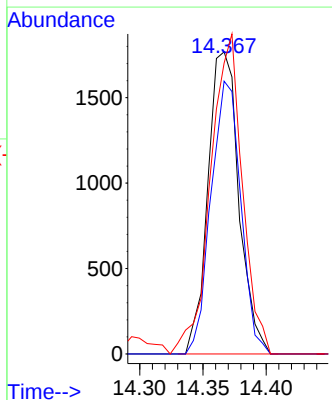
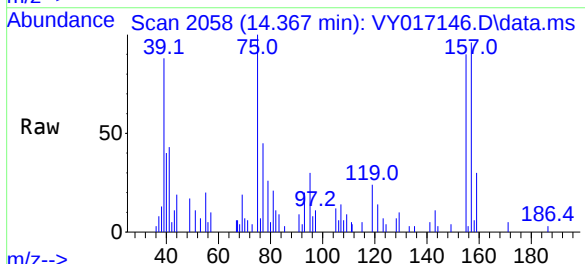
Instrument :
MSVOA_Y
ClientSampleId :

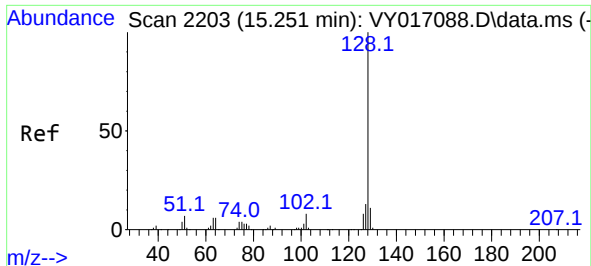
Tgt Ion: 75 Resp: 3427
Ion Ratio Lower Upper
75 100
53 92.8 74.0 111.0
89 49.2 36.5 54.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.677 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

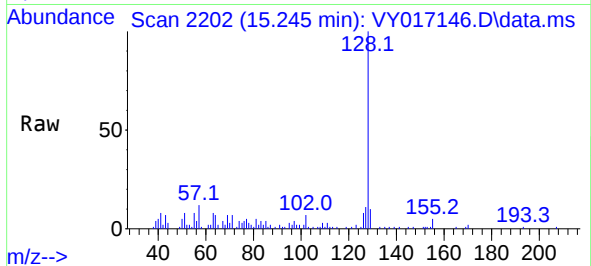
Tgt Ion: 75 Resp: 3010
Ion Ratio Lower Upper
75 100
155 86.6 42.1 126.3
157 108.4 55.8 167.4



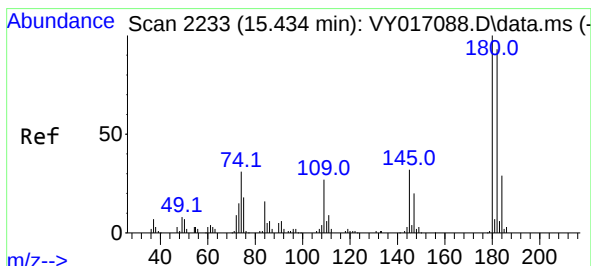
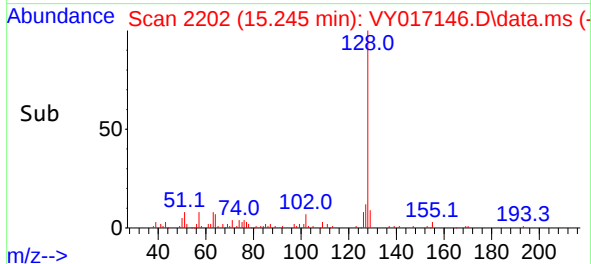
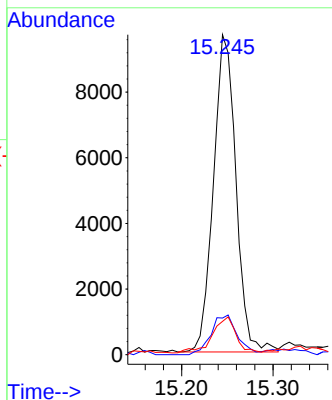


#95
Naphthalene
Concen: 6.626 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 16535
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.4
129 12.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.035 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY017146.D
Acq: 30 Jan 2024 16:12

Tgt Ion:180 Resp: 1217
Ion Ratio Lower Upper
180 100
182 101.5 46.3 138.8
145 95.0 16.1 48.2#

