

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018532.D
 Acq On : 07 Jun 2024 17:19
 Operator : SY/MD
 Sample : P2707-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01

Quant Time: Jun 07 23:16:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	78	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	80	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.088	65	69	45.045	ug/l	-0.05
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.100%
35) Dibromofluoromethane	7.728	113	150	65.354	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.700%
50) Toluene-d8	10.179	98	339	37.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.260%
62) 4-Bromofluorobenzene	12.520	95	25	8.794	ug/l	0.04
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.580%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.101	85	49	39.555	ug/l	# 43
3) Chloromethane	2.083	50	19	8.224	ug/l	# 43
4) Vinyl Chloride	2.229	62	27	9.771	ug/l	# 42
5) Bromomethane	2.589	94	26	14.103	ug/l	# 3
6) Chloroethane	2.765	64	39	22.354	ug/l	# 42
7) Trichlorofluoromethane	3.345	101	45	15.739	ug/l	# 20
8) Diethyl Ether	3.619	74	19	22.086	ug/l	# 81
9) 1,1,2-Trichlorotrifluo...	3.887	101	19	11.413	ug/l	# 1
10) Methyl Iodide	3.936	142	19	11.619	ug/l	# 42
11) Tert butyl alcohol	4.899	59	19	60.855	ug/l	# 88
12) 1,1-Dichloroethene	3.729	96	19	11.611	ug/l	# 1
13) Acrolein	3.704	56	60	382.672	ug/l	# 51
14) Allyl chloride	4.460	41	73	30.461	ug/l	# 19
15) Acrylonitrile	5.155	53	20	50.838	ug/l	# 1
16) Acetone	3.924	43	104	305.898	ug/l	# 36
17) Carbon Disulfide	4.186	76	65	13.541	ug/l	# 1
18) Methyl Acetate	4.454	43	272	319.935	ug/l	# 46
19) Methyl tert-butyl Ether	5.149	73	56	14.200	ug/l	# 54
20) Methylene Chloride	4.698	84	20	7.699	ug/l	# 46
21) trans-1,2-Dichloroethene	5.234	96	45	25.770	ug/l	# 1
22) Diisopropyl ether	6.112	45	65	13.318	ug/l	# 67
23) Vinyl Acetate	6.064	43	22	6.926	ug/l	# 67
24) 1,1-Dichloroethane	6.057	63	46	15.111	ug/l	# 80
25) 2-Butanone	6.941	43	145	278.398	ug/l	# 60
26) 2,2-Dichloropropane	6.917	77	23	8.597	ug/l	# 1
27) cis-1,2-Dichloroethene	6.826	96	21	10.338	ug/l	# 1
28) Bromochloromethane	7.356	49	26	18.560	ug/l	# 6
29) Tetrahydrofuran	7.326	42	163	481.892	ug/l	# 51
30) Chloroform	7.576	83	22	7.206	ug/l	# 17
31) Cyclohexane	7.771	56	69	24.159	ug/l	# 11
32) 1,1,1-Trichloroethane	7.728	97	31	11.593	ug/l	# 1
36) 1,1-Dichloropropene	7.960	75	23	6.572	ug/l	# 1
37) Ethyl Acetate	7.051	43	62	35.463	ug/l	# 67
39) Methylcyclohexane	9.130	83	25	5.284	ug/l	# 22
40) Benzene	8.149	78	77	7.343	ug/l	# 51
41) Methacrylonitrile	7.319	41	50	58.796	ug/l	# 23

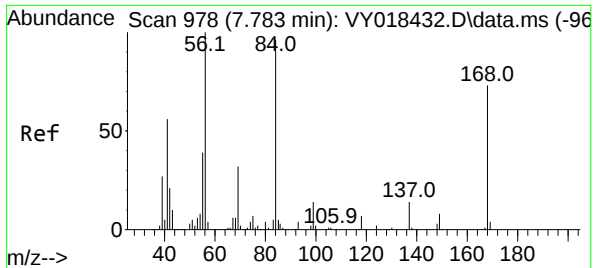
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.271	62	74	29.028	ug/l #	71
43) Isopropyl Acetate	8.283	43	41	12.542	ug/l #	47
44) Trichloroethene	9.191	130	35	13.469	ug/l	3
45) 1,2-Dichloropropane	9.118	63	20	8.340	ug/l #	43
46) Dibromomethane	9.301	93	19	13.819	ug/l #	3
47) Bromodichloromethane	9.362	83	45	13.635	ug/l #	53
48) Methyl methacrylate	9.325	41	103	68.482	ug/l #	7
49) 1,4-Dioxane	9.161	88	22	1218.487	ug/l #	1
51) 4-Methyl-2-Pentanone	10.075	43	30	17.673	ug/l #	1
52) Toluene	10.136	92	19	2.946	ug/l #	1
53) t-1,3-Dichloropropene	10.471	75	26	8.579	ug/l #	45
54) cis-1,3-Dichloropropene	10.008	75	76	20.366	ug/l #	40
55) 1,1,2-Trichloroethane	10.630	97	48	26.834	ug/l #	16
56) Ethyl methacrylate	10.618	69	81	32.179	ug/l #	1
57) 1,3-Dichloropropane	10.801	76	74	24.369	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.807	63	37	27.373	ug/l #	45
59) 2-Hexanone	10.813	43	21	17.902	ug/l #	1
60) Dibromochloromethane	11.093	129	45	20.592	ug/l #	10
61) 1,2-Dibromoethane	11.014	107	43	25.528	ug/l #	2
65) Chlorobenzene	11.575	112	33	9.619	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.672	131	41	36.959	ug/l #	8
67) Ethyl Benzene	11.599	91	22	3.523	ug/l #	44
68) m/p-Xylenes	11.666	106	23	9.782	ug/l #	1
69) o-Xylene	11.806	106	20	8.836	ug/l	72
70) Styrene	12.227	104	23	6.219	ug/l #	1
71) Bromoform	12.178	173	44	75.290	ug/l #	27

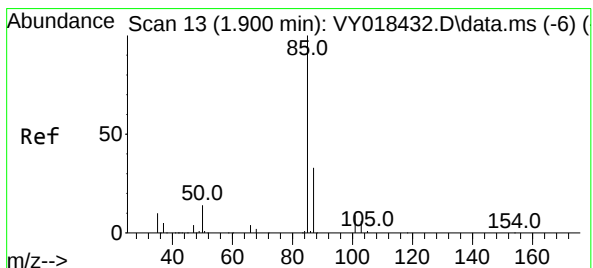
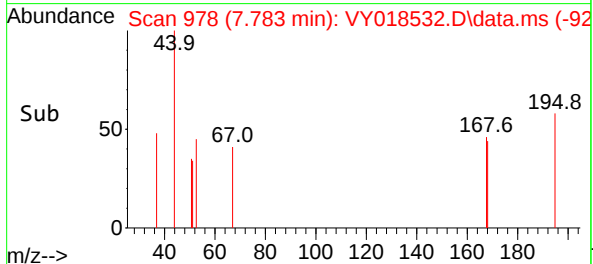
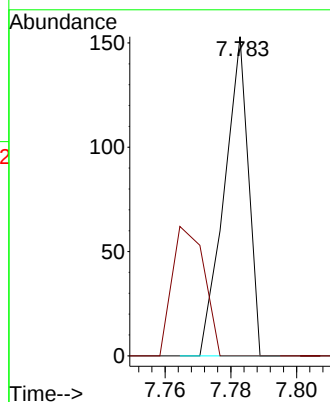
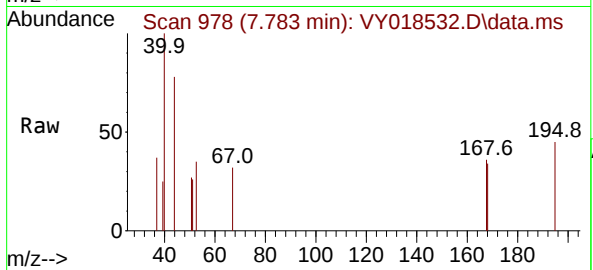
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

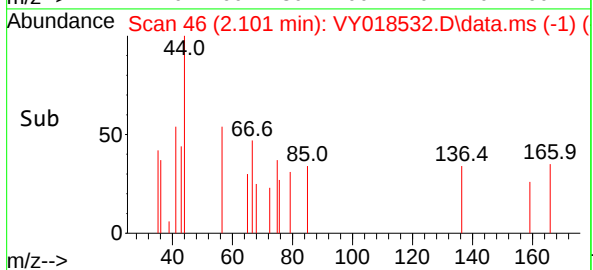
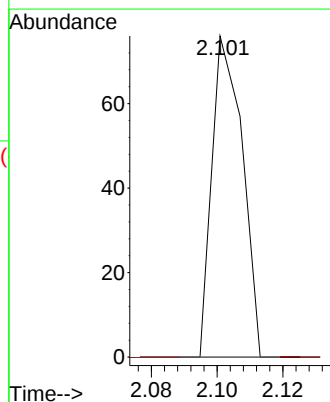
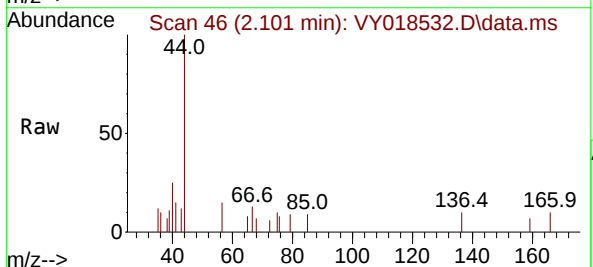
Instrument :
MSVOA_Y
ClientSampleId :
B-01

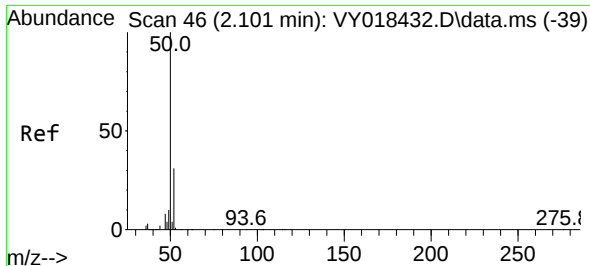
Tgt Ion:168 Resp: 78
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 39.555 ug/l
RT: 2.101 min Scan# 46
Delta R.T. 0.201 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 85 Resp: 49
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

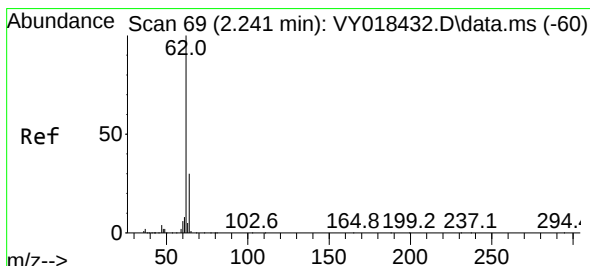
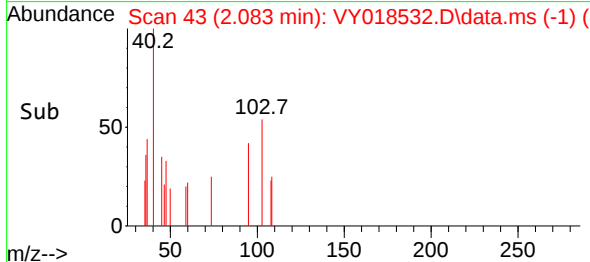
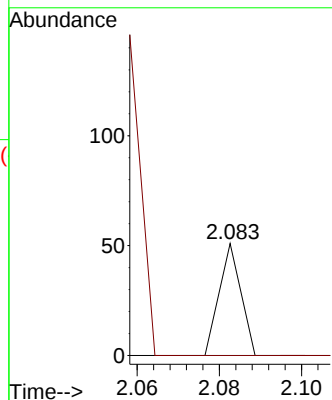
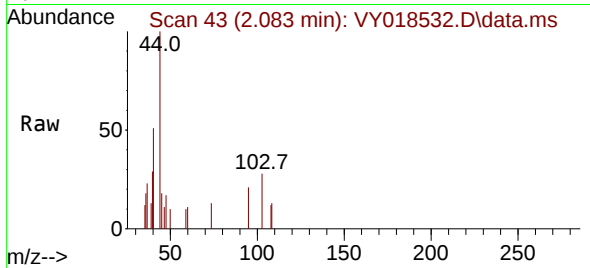




#3
Chloromethane
Concen: 8.224 ug/l
RT: 2.083 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

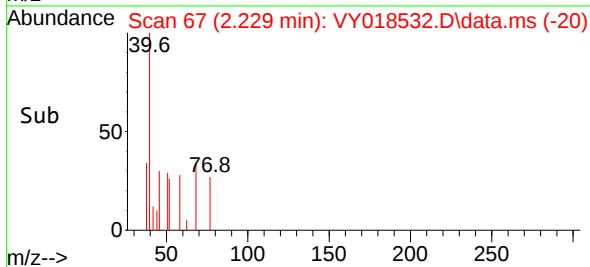
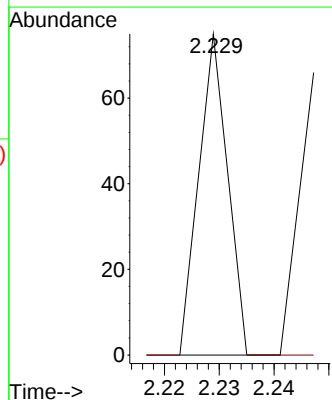
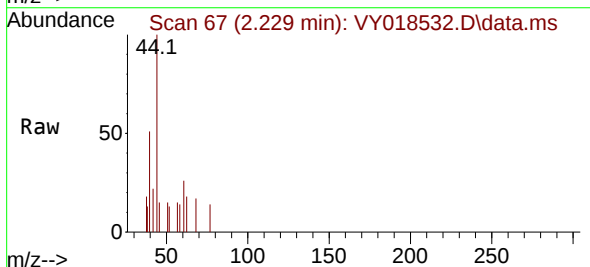
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MSVOA_Y
ClientSampleId :
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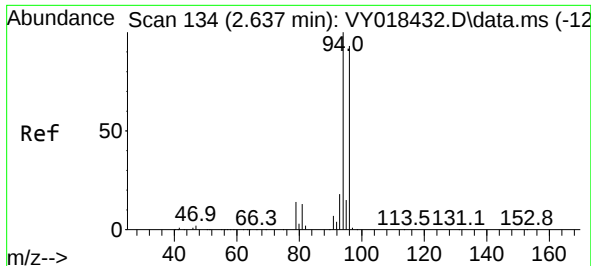
Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 9.771 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 62 Resp: 27
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

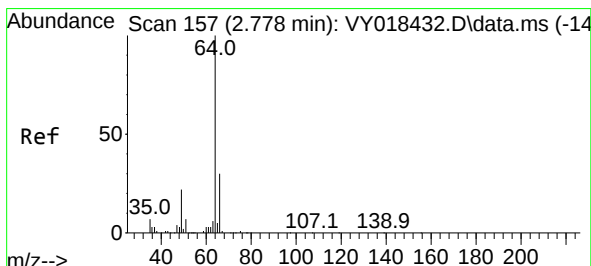
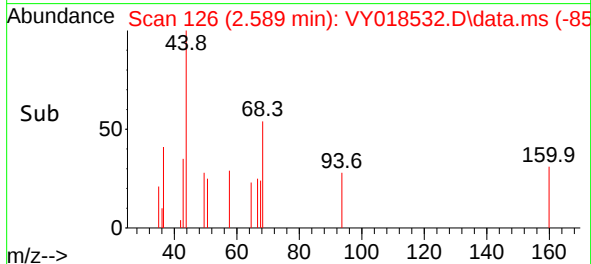
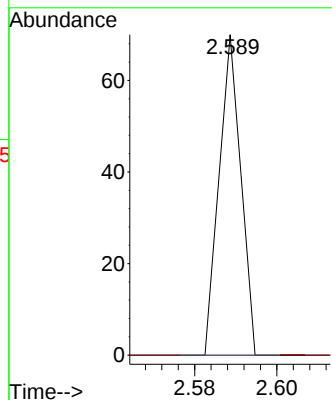
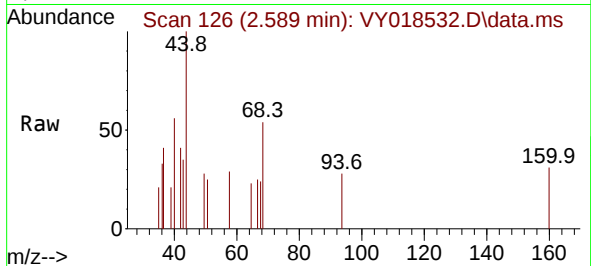




#5
Bromomethane
Concen: 14.103 ug/l
RT: 2.589 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

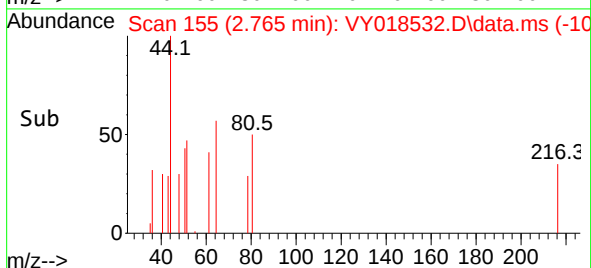
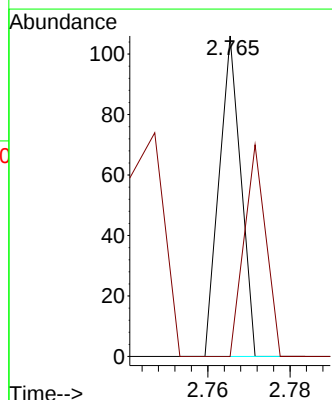
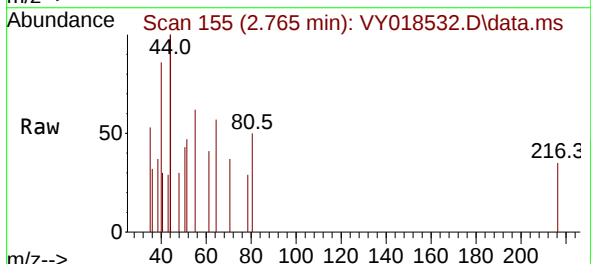
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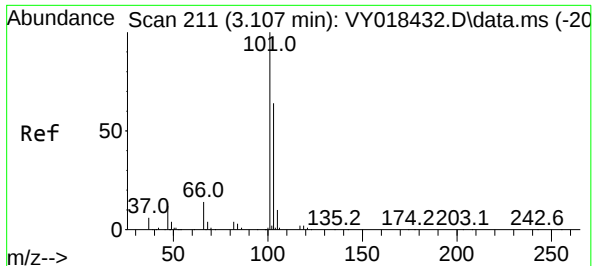
Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 22.354 ug/l
RT: 2.765 min Scan# 155
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

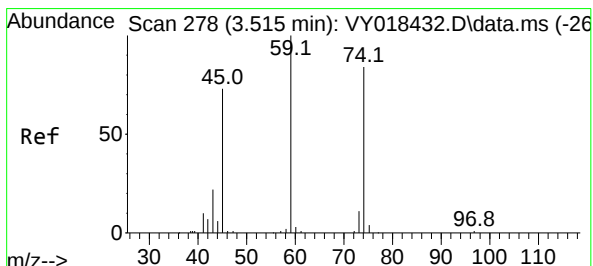
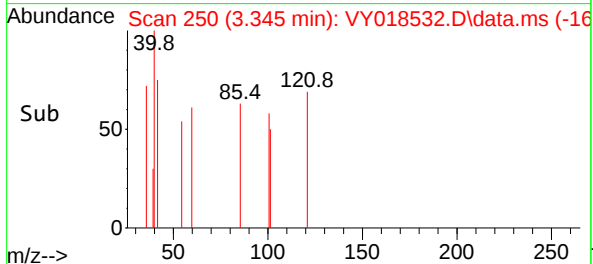
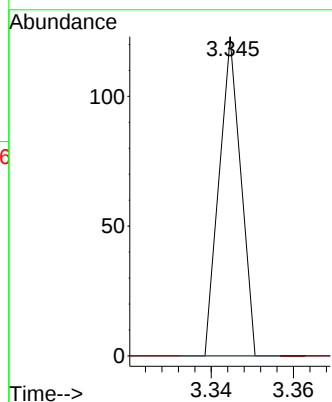
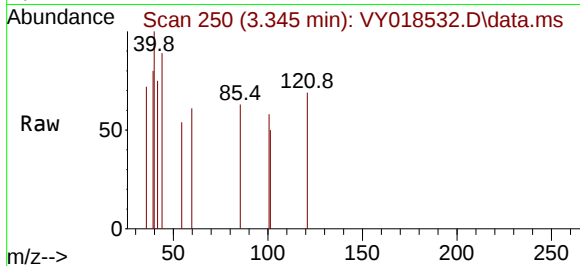




#7
 Trichlorofluoromethane
 Concen: 15.739 ug/l
 RT: 3.345 min Scan# 211
 Delta R.T. 0.238 min
 Lab File: VY018532.D
 Acq: 07 Jun 2024 17:19

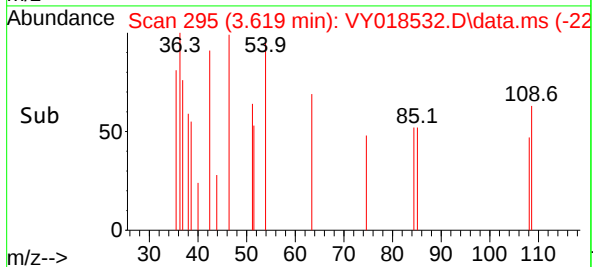
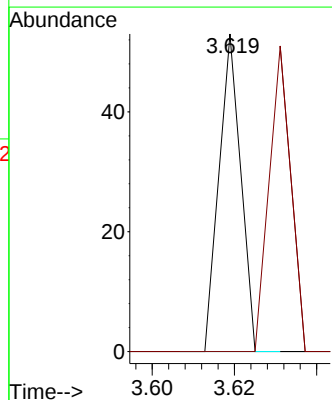
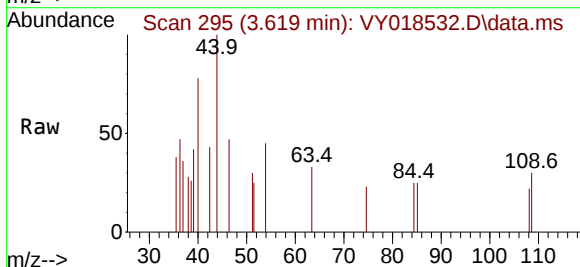
Instrument :
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 ClientSampleId :
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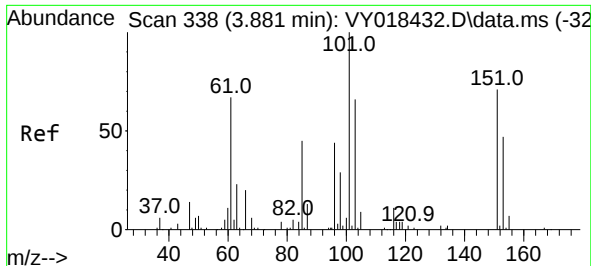
Tgt Ion:101 Resp: 45
 Ion Ratio Lower Upper
 101 100
 103 0.0 49.3 73.9#



#8
 Diethyl Ether
 Concen: 22.086 ug/l
 RT: 3.619 min Scan# 295
 Delta R.T. 0.104 min
 Lab File: VY018532.D
 Acq: 07 Jun 2024 17:19

Tgt Ion: 74 Resp: 19
 Ion Ratio Lower Upper
 74 100
 45 100.0 41.3 124.1

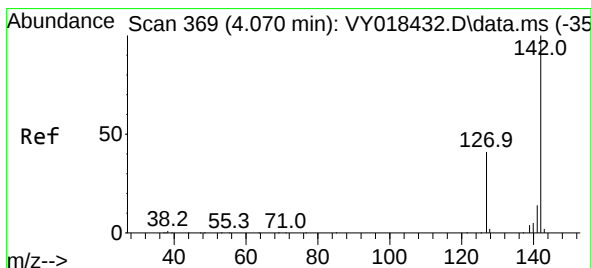
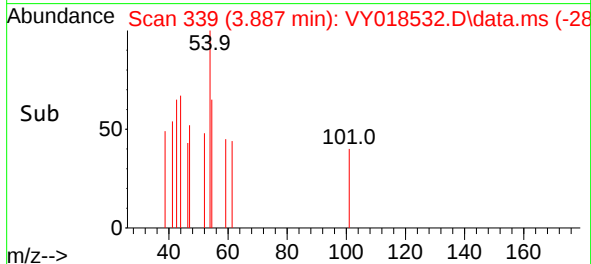
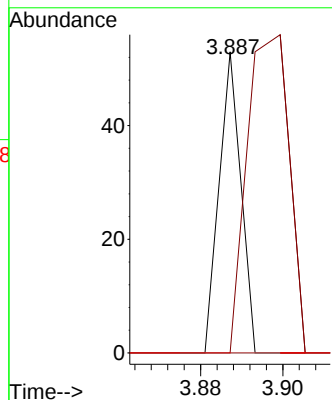
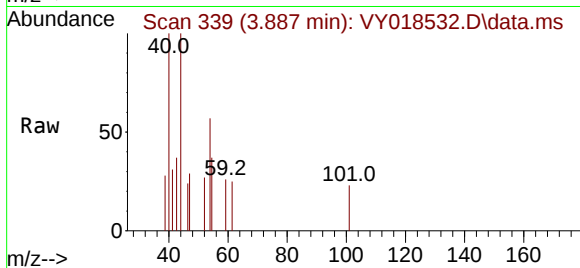




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.413 ug/l
RT: 3.887 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

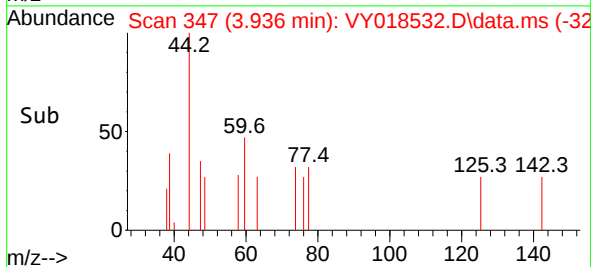
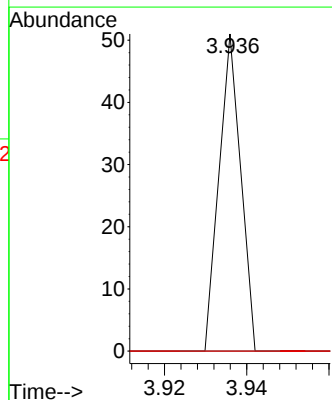
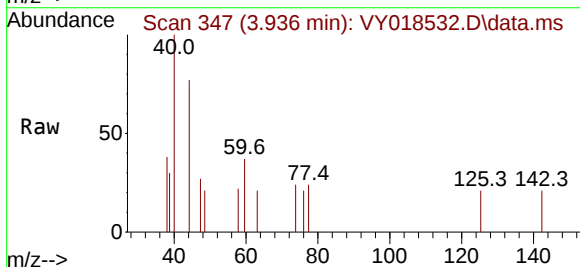
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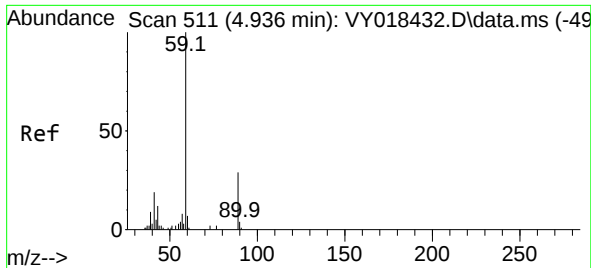
Tgt Ion:101 Resp: 19
Ion Ratio Lower Upper
101 100
85 210.5 34.5 51.7#
151 0.0 61.7 92.5#



#10
Methyl Iodide
Concen: 11.619 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.134 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

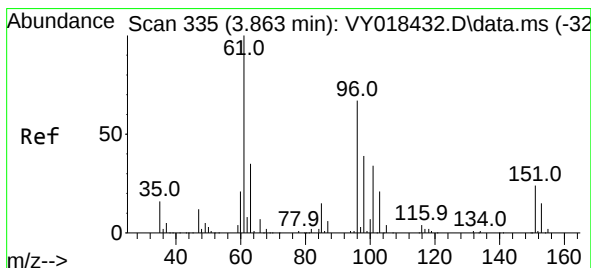
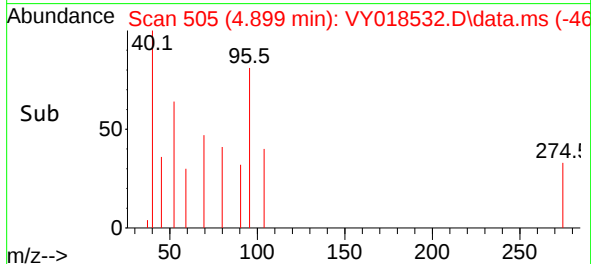
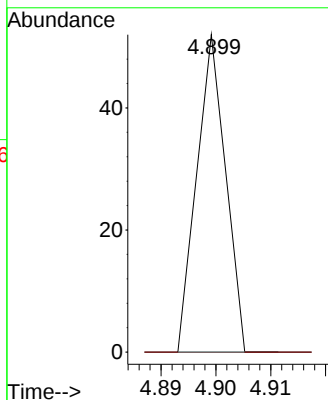
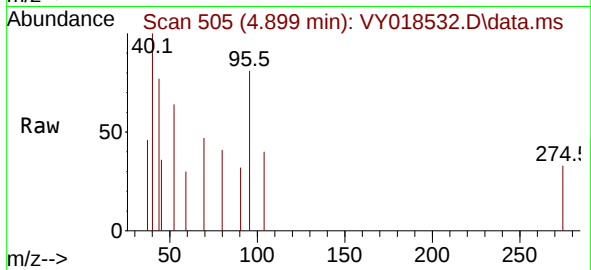




#11
Tert butyl alcohol
Concen: 60.855 ug/l
RT: 4.899 min Scan# 50
Delta R.T. -0.037 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

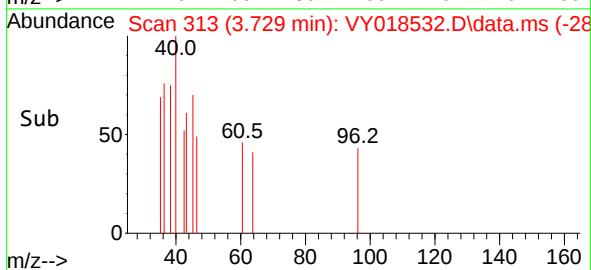
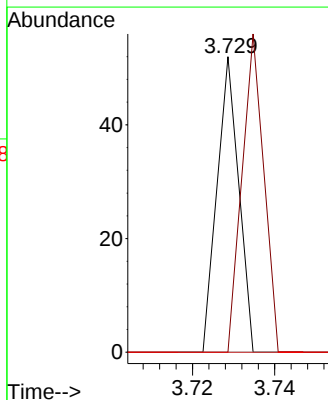
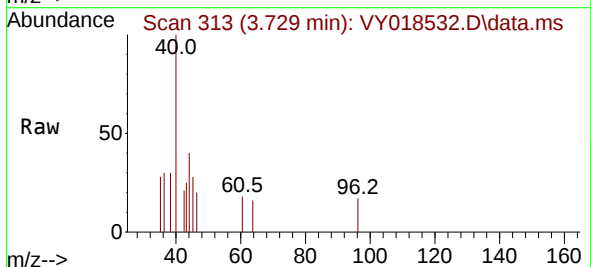
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ClientSampleId :
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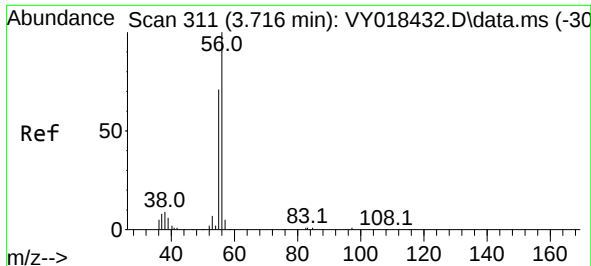
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Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 11.611 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.134 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#

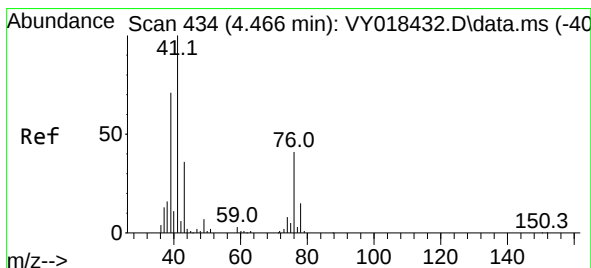
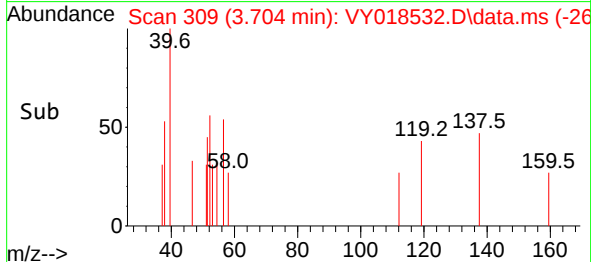
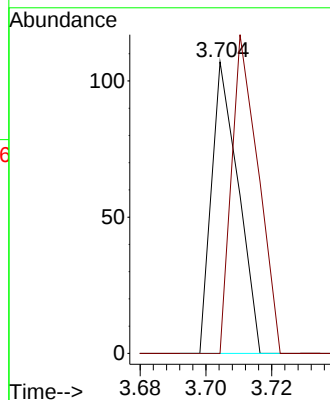
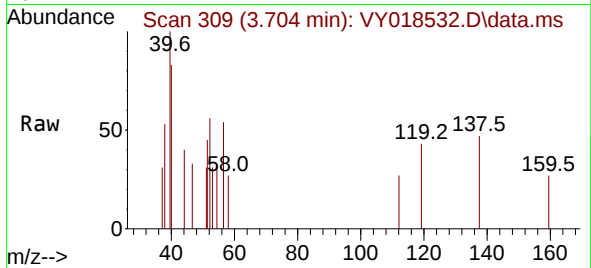




#13
Acrolein
Concen: 382.672 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

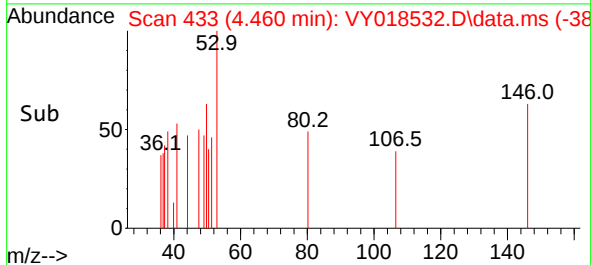
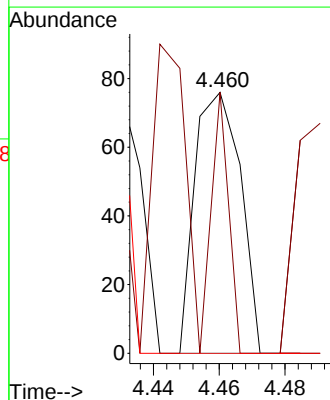
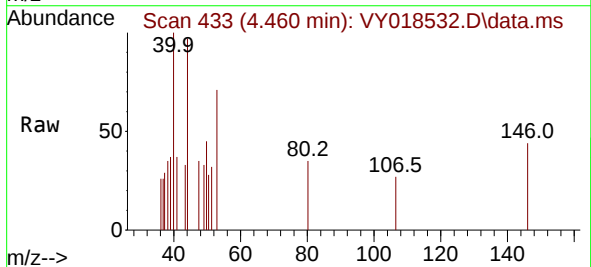
Instrument :
MSVOA_Y
ClientSampleId :
B-01

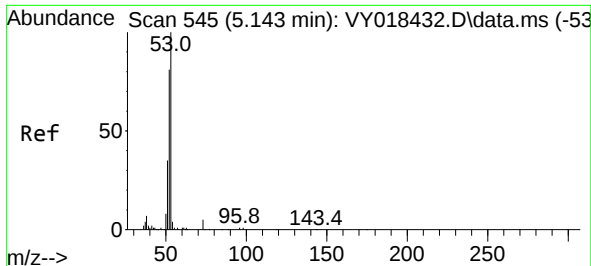
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 110.0 55.7 83.5#



#14
Allyl chloride
Concen: 30.461 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
39 0.0 58.3 87.5#
76 0.0 39.0 58.6#

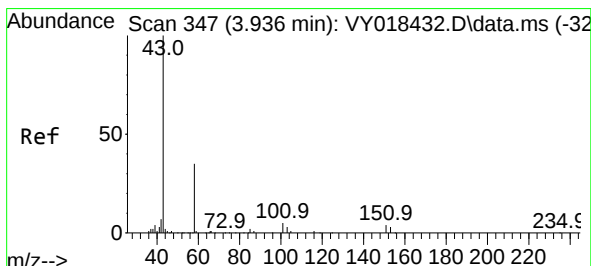
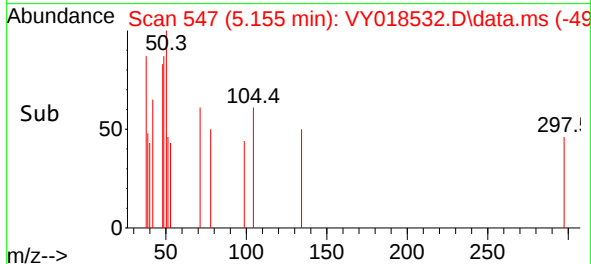
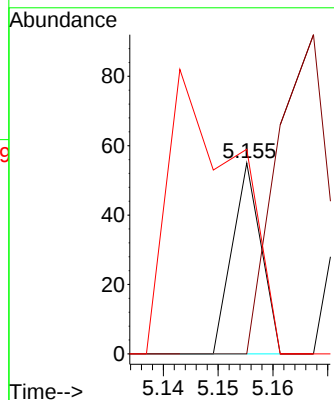
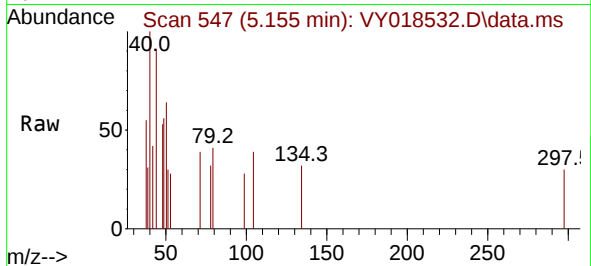




#15
Acrylonitrile
Concen: 50.838 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

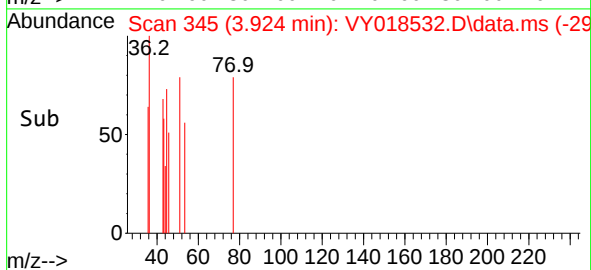
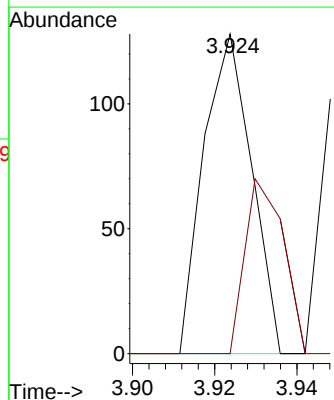
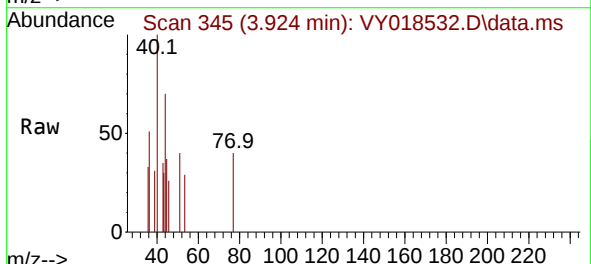
Instrument :
MSVOA_Y
ClientSampleId :
B-01

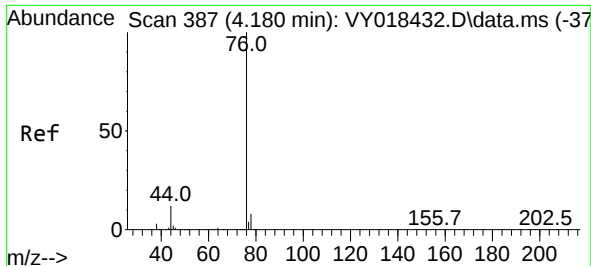
Tgt Ion: 53	Resp:	20
Ion	Ratio	Lower Upper
53	100	
52	290.0	64.7 97.1#
51	0.0	28.4 42.6#



#16
Acetone
Concen: 305.898 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 43	Resp:	104
Ion	Ratio	Lower Upper
43	100	
58	0.0	31.7 47.5#

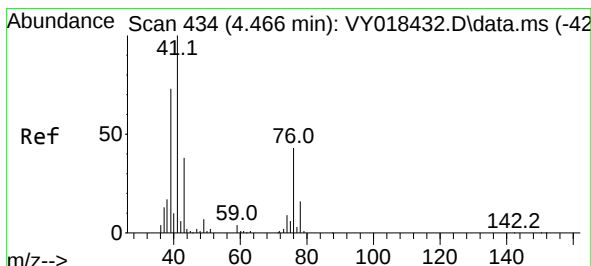
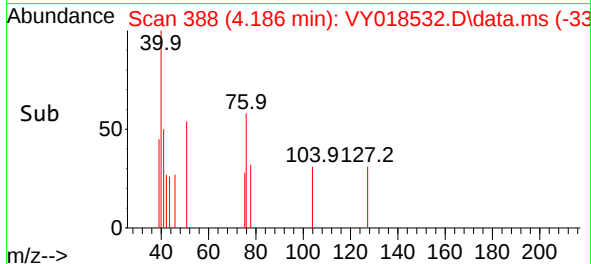
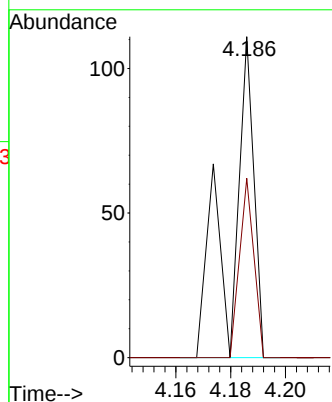
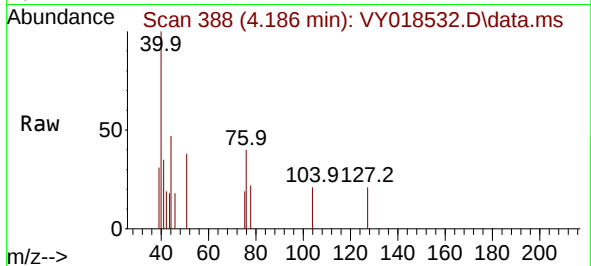




#17
Carbon Disulfide
Concen: 13.541 ug/l
RT: 4.186 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

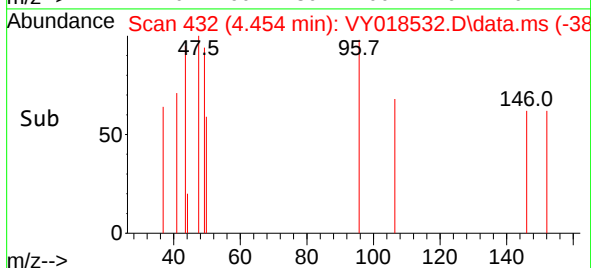
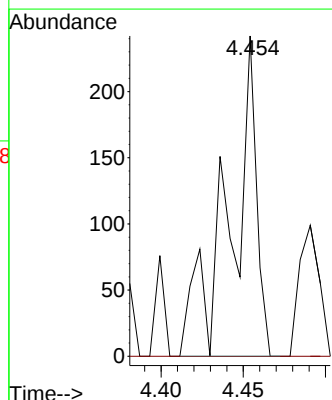
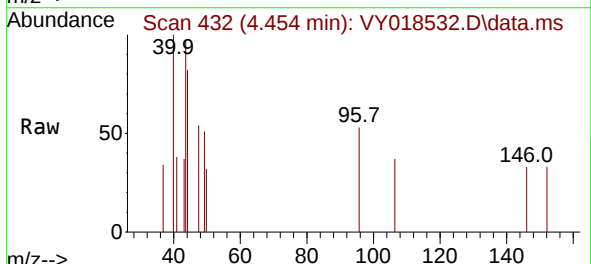
Instrument :
MSVOA_Y
ClientSampleId :
B-01

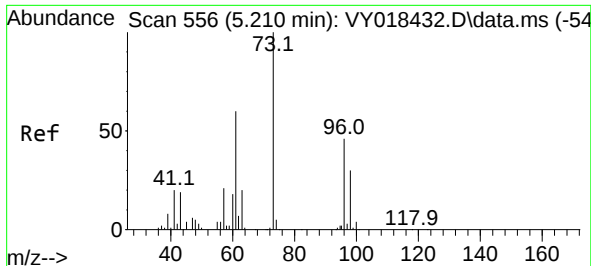
Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 55.9 6.8 10.2#



#18
Methyl Acetate
Concen: 319.935 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 14.200 ug/l

RT: 5.149 min Scan# 54

Delta R.T. -0.061 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

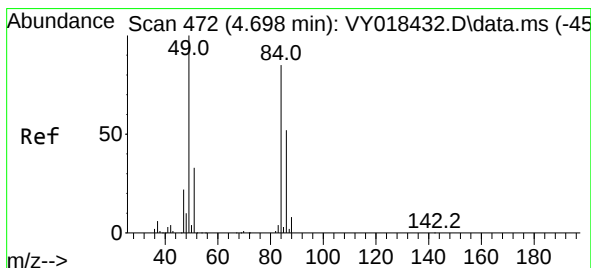
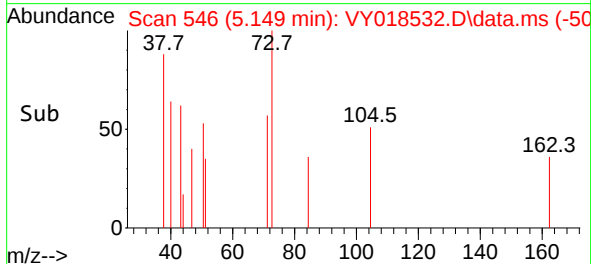
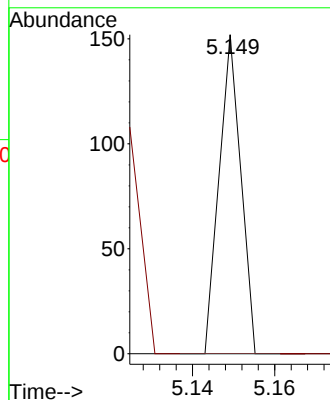
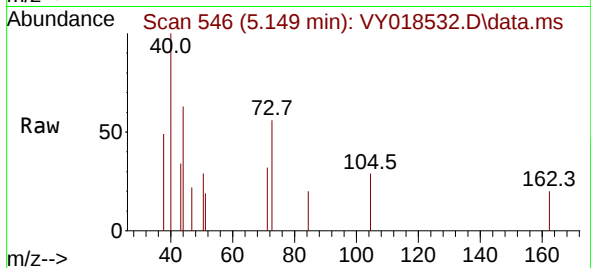
B-01

Tgt Ion: 73 Resp: 56

Ion Ratio Lower Upper

73 100

57 0.0 17.3 25.9#



#20

Methylene Chloride

Concen: 7.699 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Tgt Ion: 84 Resp: 20

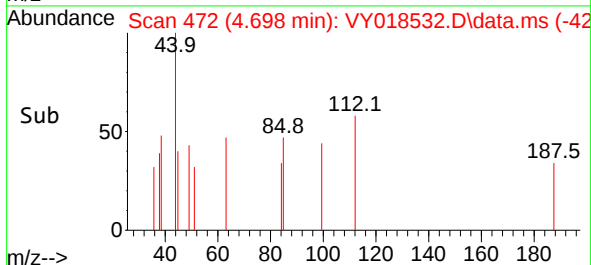
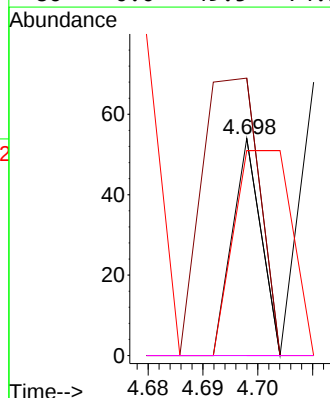
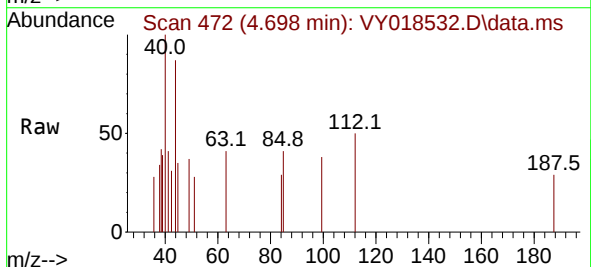
Ion Ratio Lower Upper

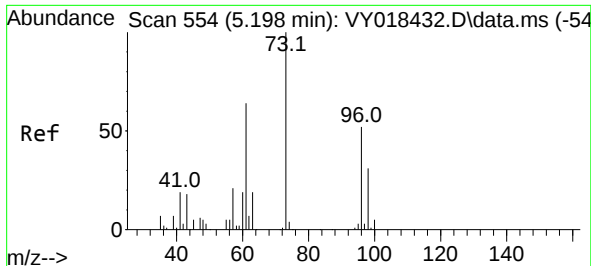
84 100

49 127.8 84.4 126.6#

51 94.4 26.0 39.0#

86 0.0 49.5 74.3#

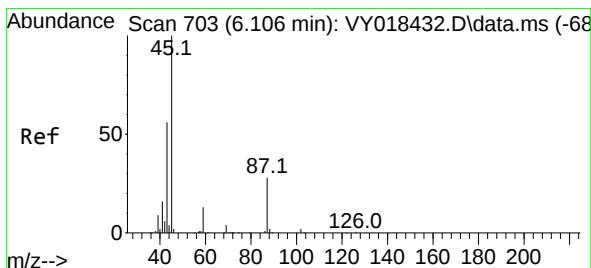
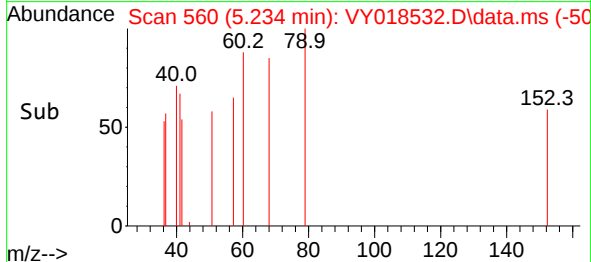
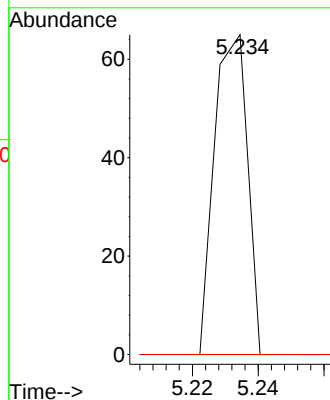
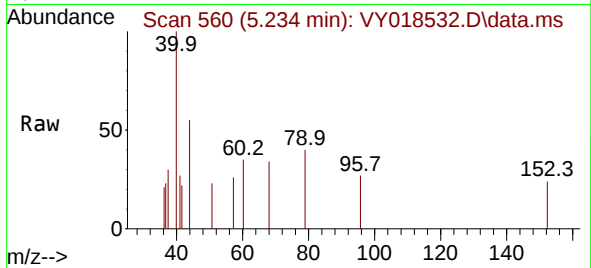




#21
trans-1,2-Dichloroethene
Concen: 25.770 ug/l
RT: 5.234 min Scan# 501
Delta R.T. 0.037 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

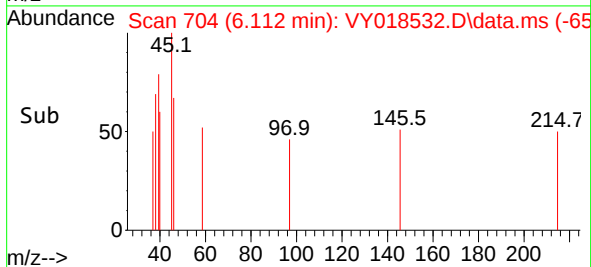
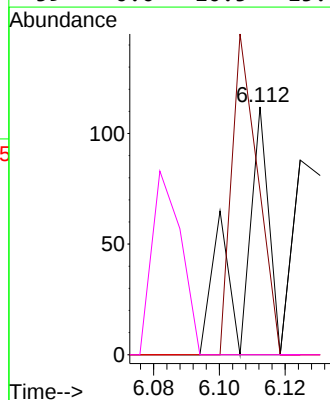
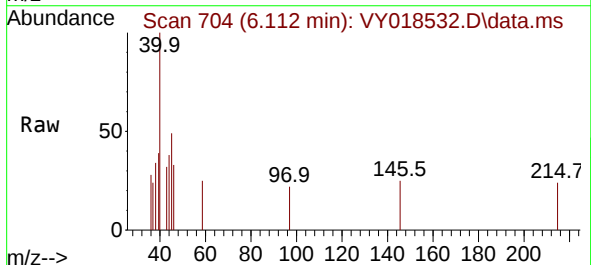
Instrument :
MSVOA_Y
ClientSampleId :
B-01

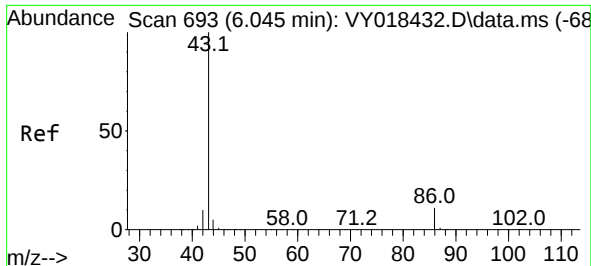
Tgt Ion: 96 Resp: 45
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#



#22
Diisopropyl ether
Concen: 13.318 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 45 Resp: 65
Ion Ratio Lower Upper
45 100
43 66.1 42.2 63.2#
87 0.0 25.0 37.6#
59 0.0 10.5 15.7#





#23

Vinyl Acetate

Concen: 6.926 ug/l

RT: 6.064 min Scan# 693

Delta R.T. 0.018 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

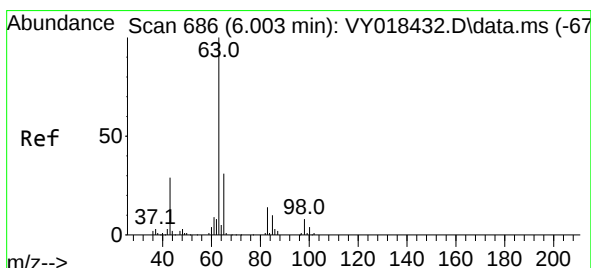
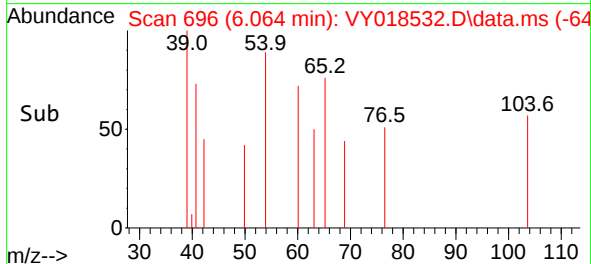
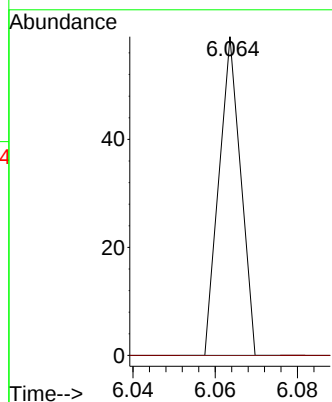
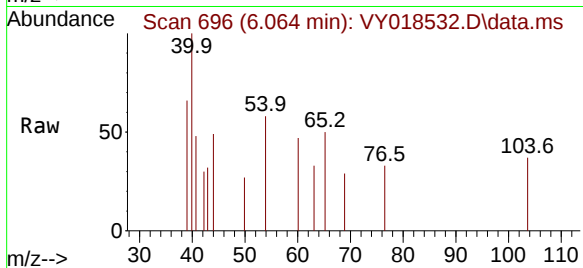
B-01

Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#



#24

1,1-Dichloroethane

Concen: 15.111 ug/l

RT: 6.057 min Scan# 695

Delta R.T. 0.055 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

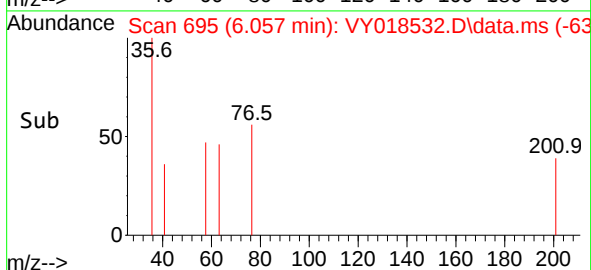
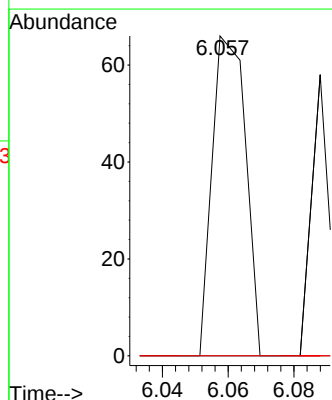
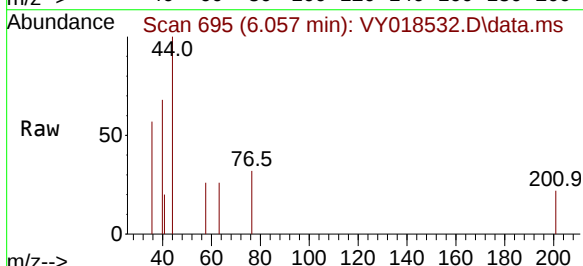
Tgt Ion: 63 Resp: 46

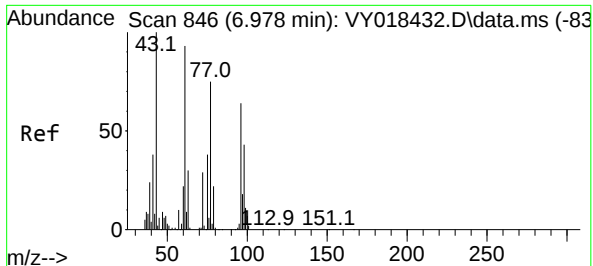
Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.2#

100 0.0 2.6 8.0#





#25

2-Butanone

Concen: 278.398 ug/l

RT: 6.941 min Scan# 841

Delta R.T. -0.037 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

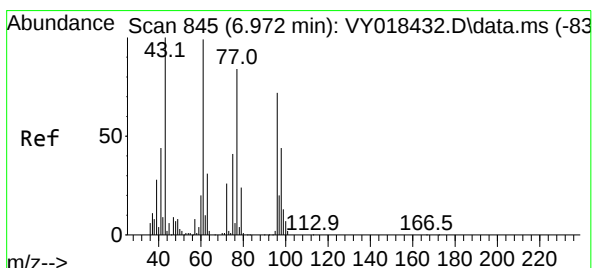
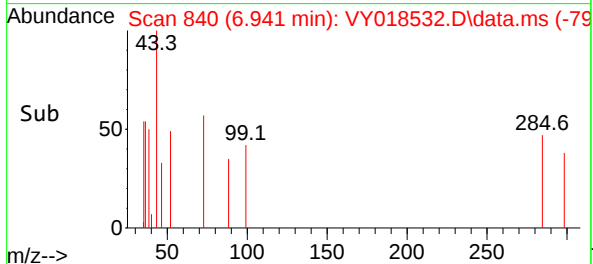
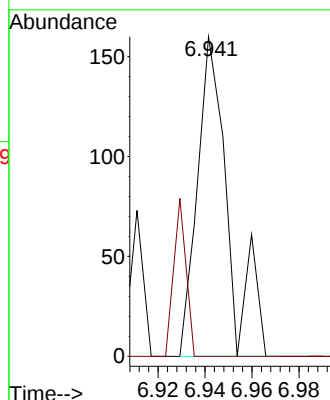
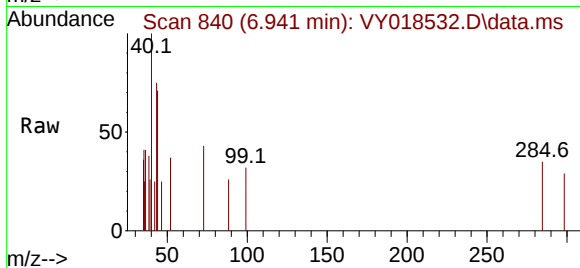
B-01

Tgt Ion: 43 Resp: 145

Ion Ratio Lower Upper

43 100

72 56.9 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 8.597 ug/l

RT: 6.917 min Scan# 836

Delta R.T. -0.055 min

Lab File: VY018532.D

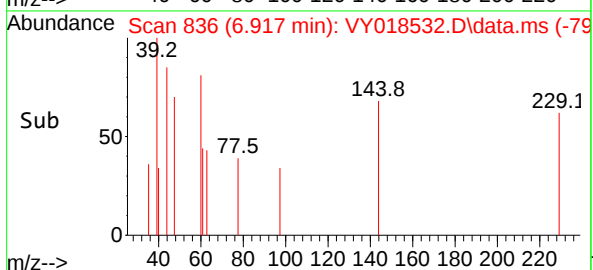
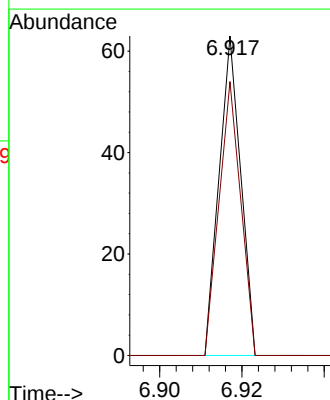
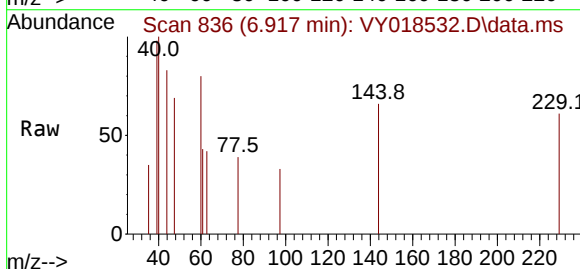
Acq: 07 Jun 2024 17:19

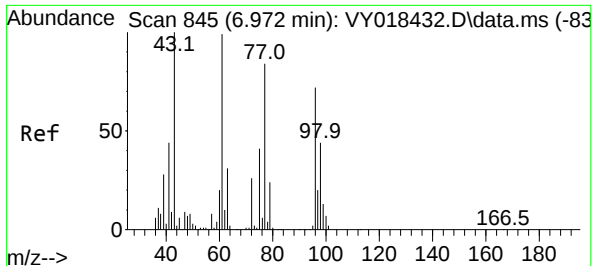
Tgt Ion: 77 Resp: 23

Ion Ratio Lower Upper

77 100

97 87.0 12.0 36.1#

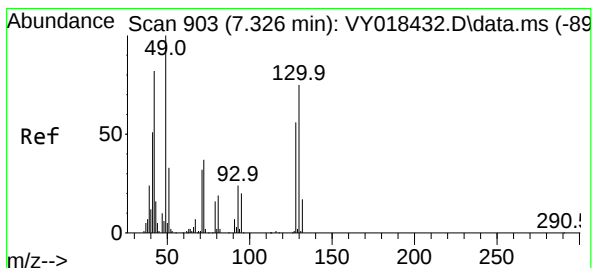
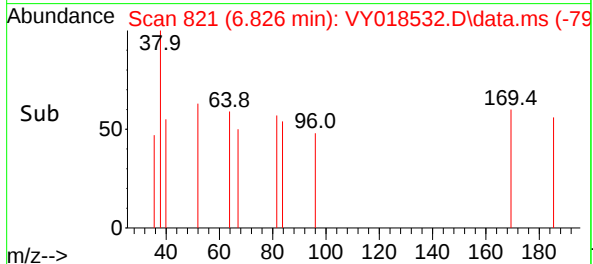
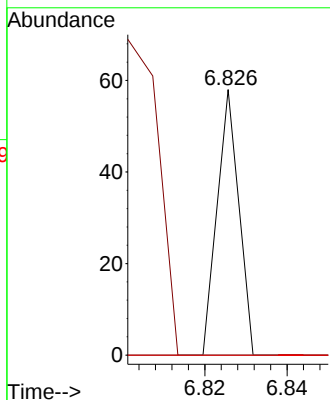
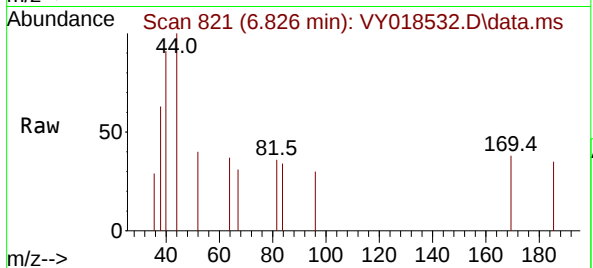




#27
 cis-1,2-Dichloroethene
 Concen: 10.338 ug/l
 RT: 6.826 min Scan# 81
 Delta R.T. -0.146 min
 Lab File: VY018532.D
 Acq: 07 Jun 2024 17:19

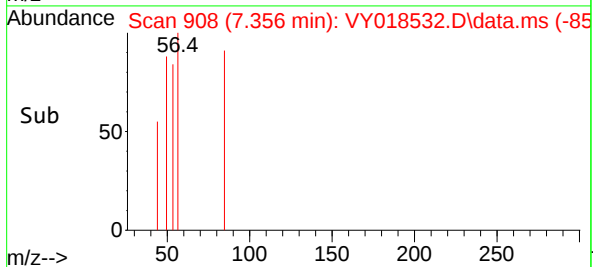
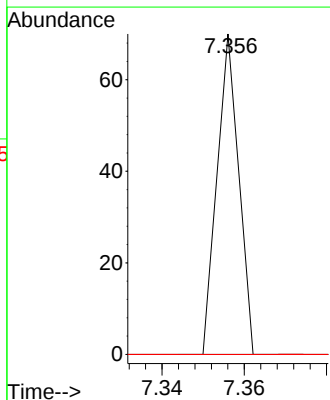
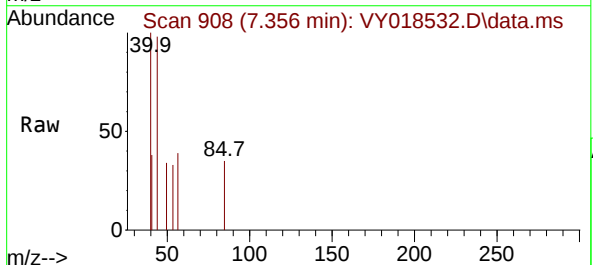
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01

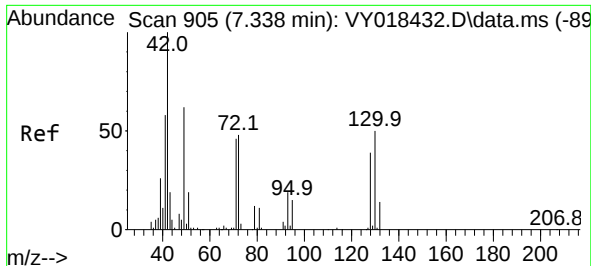
Tgt Ion: 96 Resp: 21
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 256.2
 98 0.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 18.560 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.030 min
 Lab File: VY018532.D
 Acq: 07 Jun 2024 17:19

Tgt Ion: 49 Resp: 26
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 72.7 109.1#

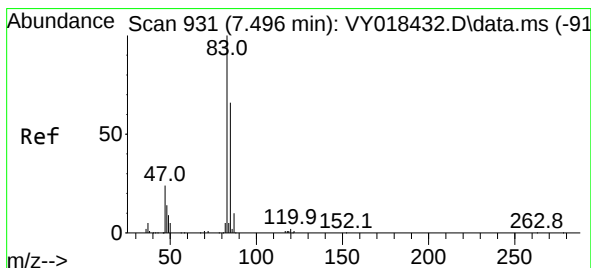
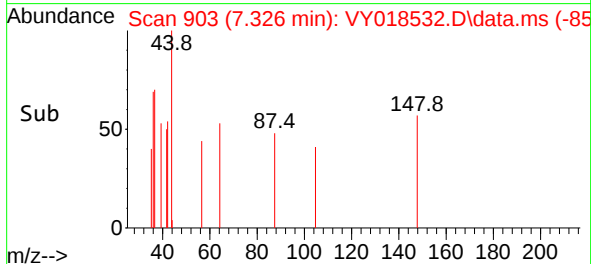
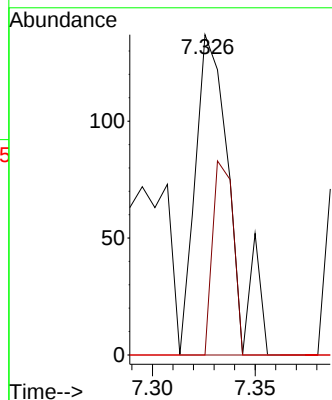
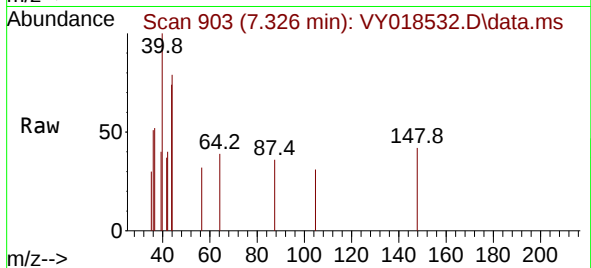




#29
Tetrahydrofuran
Concen: 481.892 ug/l
RT: 7.326 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

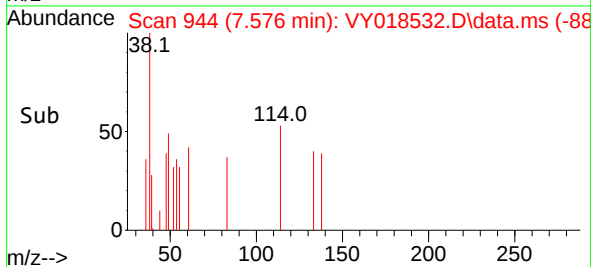
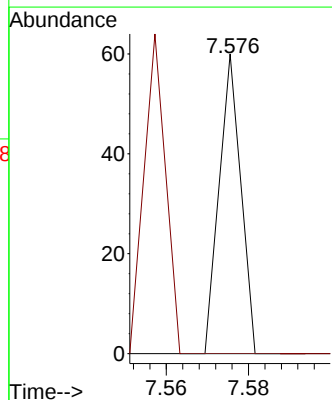
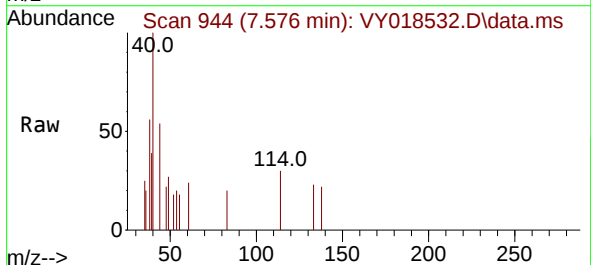
Instrument :
MSVOA_Y
ClientSampleId :
B-01

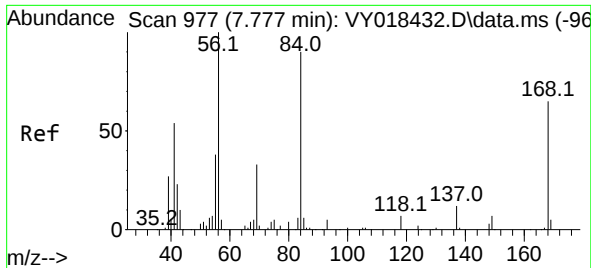
Tgt Ion: 42 Resp: 163
Ion Ratio Lower Upper
42 100
72 35.6 43.0 64.4#
71 0.0 40.8 61.2#



#30
Chloroform
Concen: 7.206 ug/l
RT: 7.576 min Scan# 944
Delta R.T. 0.079 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 83 Resp: 22
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#

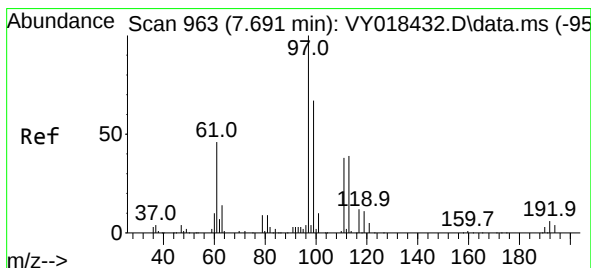
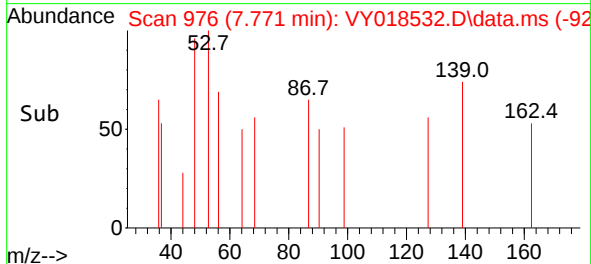
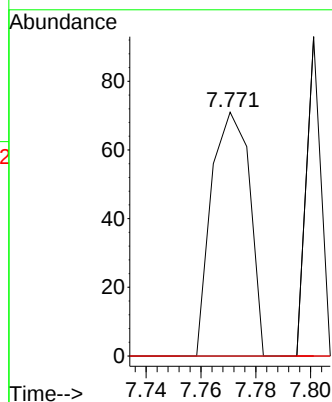
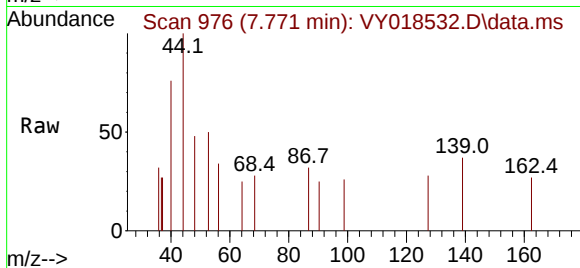




#31
Cyclohexane
Concen: 24.159 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

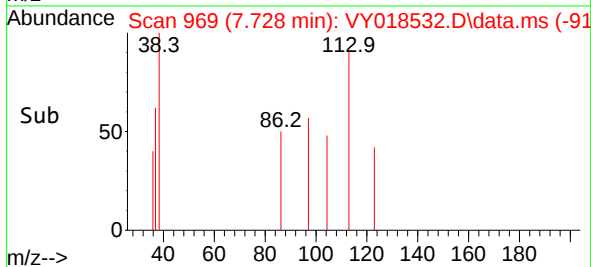
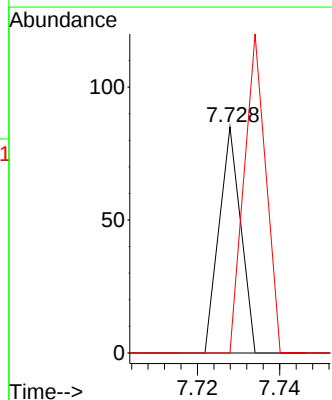
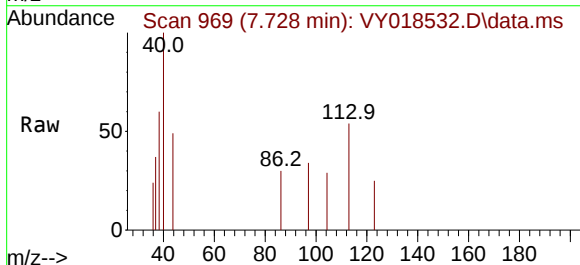
Instrument :
MSVOA_Y
ClientSampleId :
B-01

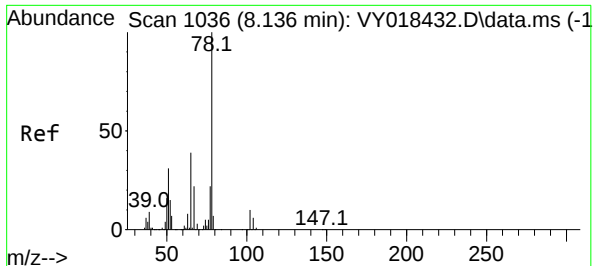
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#



#32
1,1,1-Trichloroethane
Concen: 11.593 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.037 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 97 Resp: 31
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 141.9 32.6 48.8#

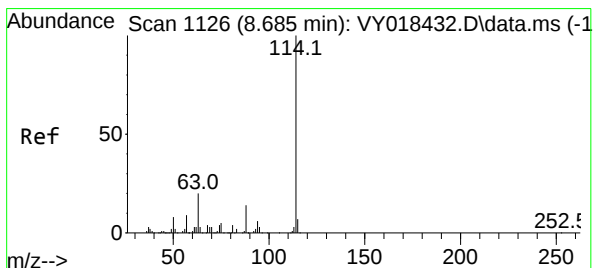
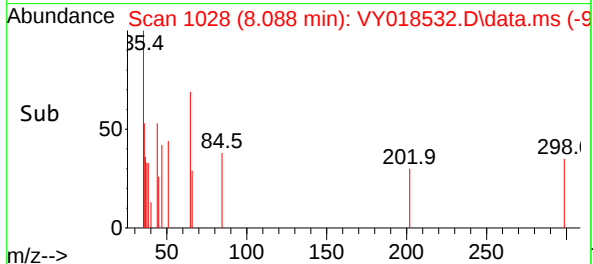
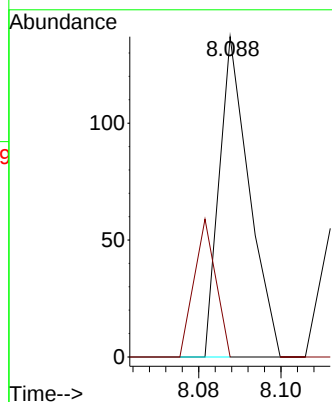
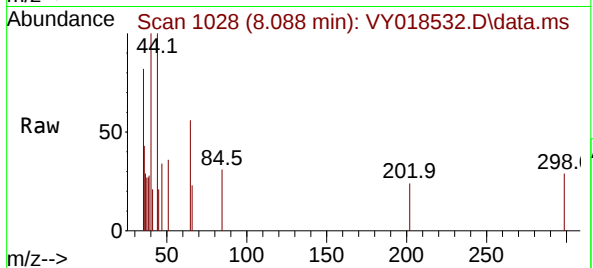




#33
1,2-Dichloroethane-d4
Concen: 45.045 ug/l
RT: 8.088 min Scan# 1036
Delta R.T. -0.049 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

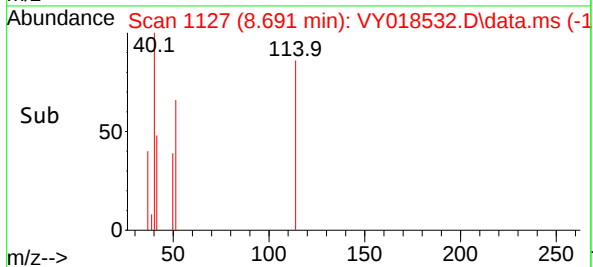
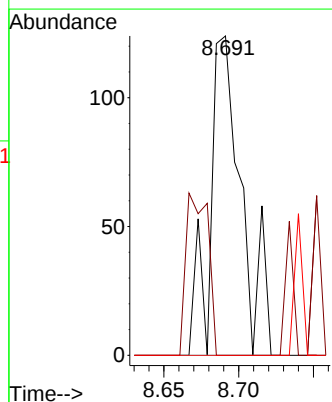
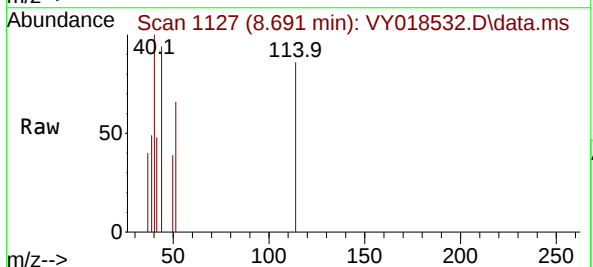
Instrument :
MSVOA_Y
ClientSampleId :
B-01

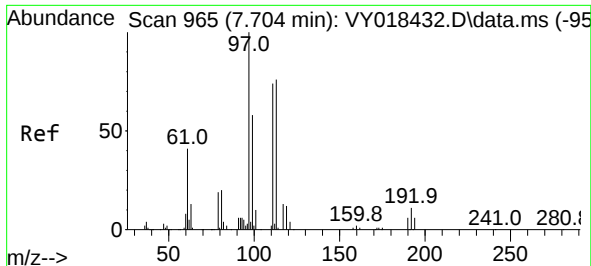
Tgt Ion: 65 Resp: 69
Ion Ratio Lower Upper
65 100
67 31.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 114 Resp: 181
Ion Ratio Lower Upper
114 100
63 0.0 0.0 35.0
88 0.0 0.0 27.2

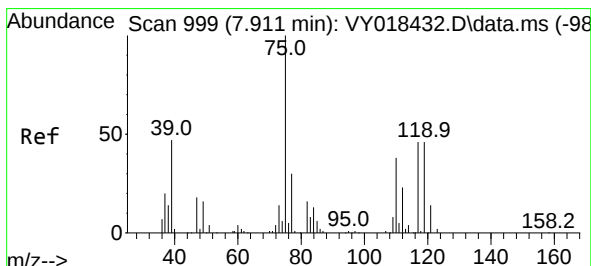
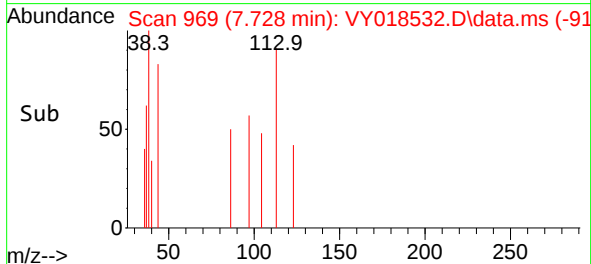
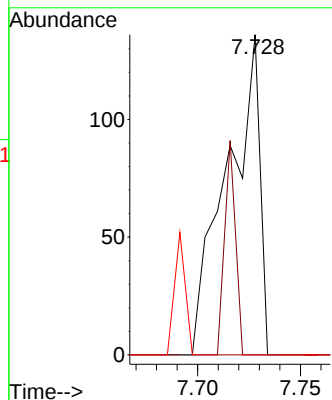
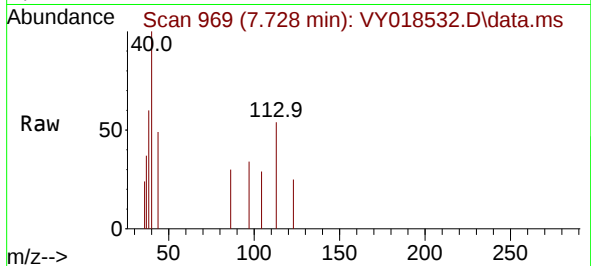




#35
Dibromofluoromethane
Concen: 65.354 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

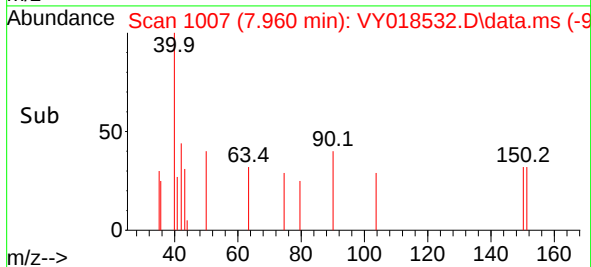
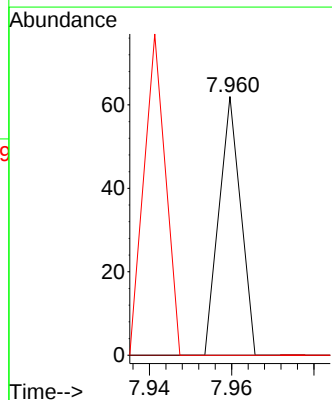
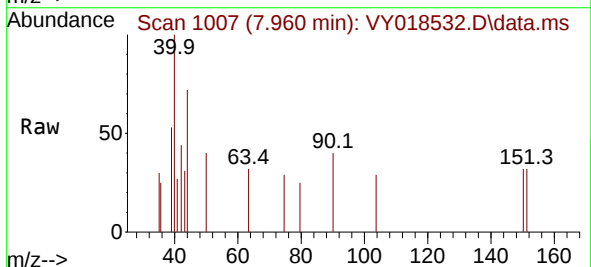
Instrument :
MSVOA_Y
ClientSampleId :
B-01

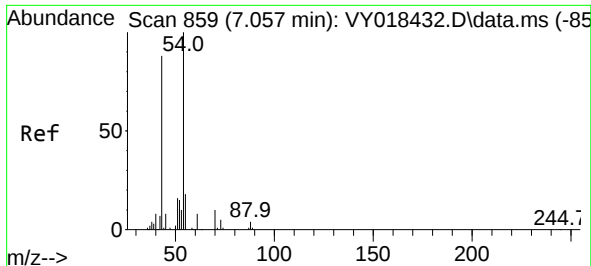
Tgt Ion:113 Resp: 150
Ion Ratio Lower Upper
113 100
111 22.0 82.2 123.4#
192 0.0 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 6.572 ug/l
RT: 7.960 min Scan# 1007
Delta R.T. 0.049 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 121.7 25.3 37.9#





#37

Ethyl Acetate

Concen: 35.463 ug/l

RT: 7.051 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

B-01

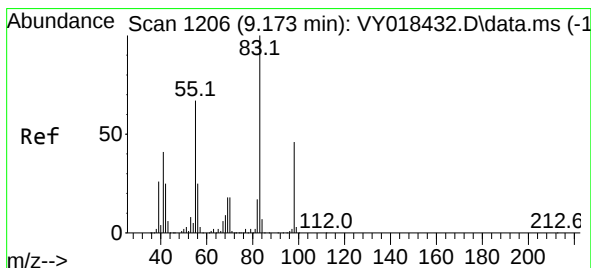
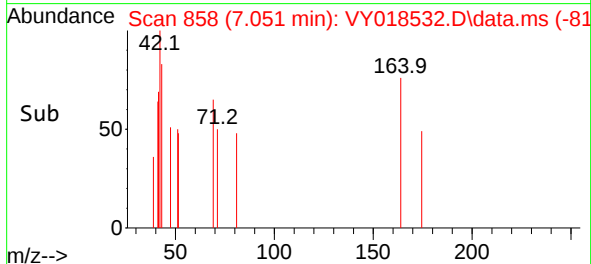
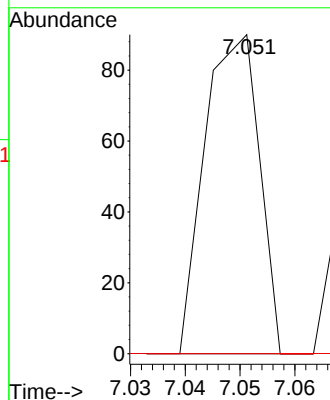
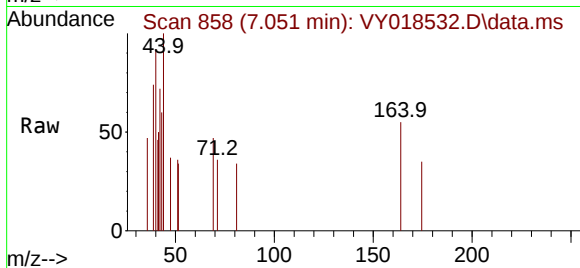
Tgt Ion: 43 Resp: 62

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 7.8 11.8#



#39

Methylcyclohexane

Concen: 5.284 ug/l

RT: 9.130 min Scan# 1199

Delta R.T. -0.043 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

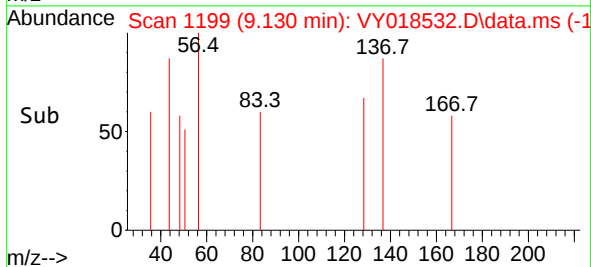
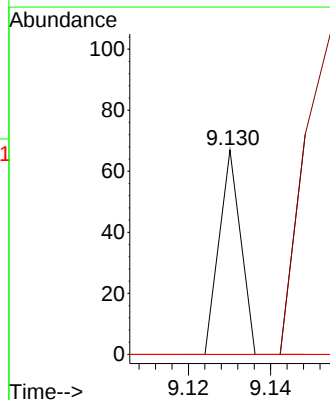
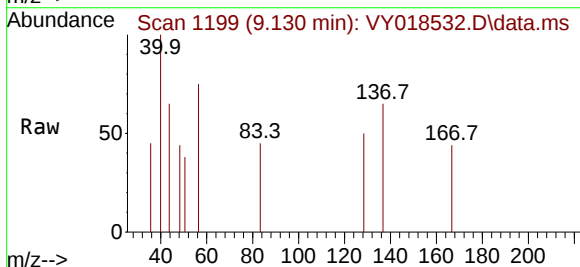
Tgt Ion: 83 Resp: 25

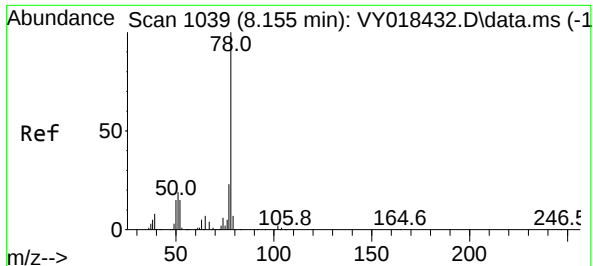
Ion Ratio Lower Upper

83 100

55 0.0 51.5 77.3#

98 0.0 40.5 60.7#

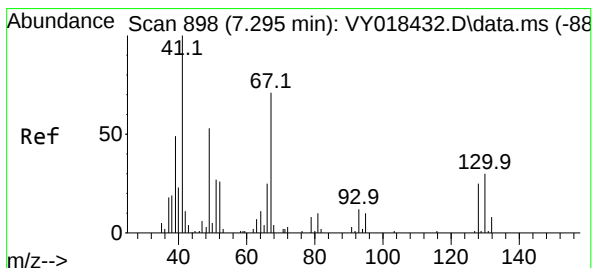
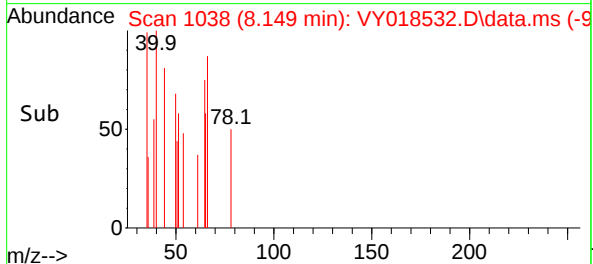
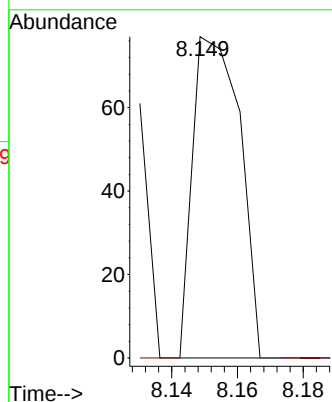
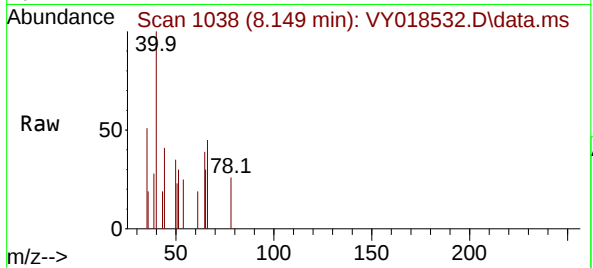




#40
Benzene
Concen: 7.343 ug/l
RT: 8.149 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

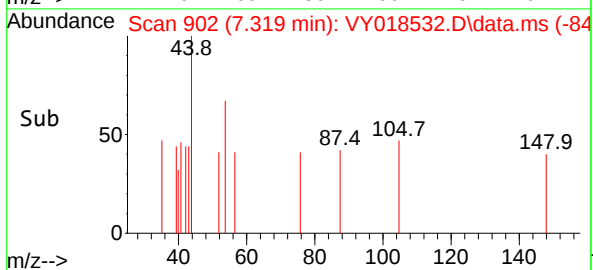
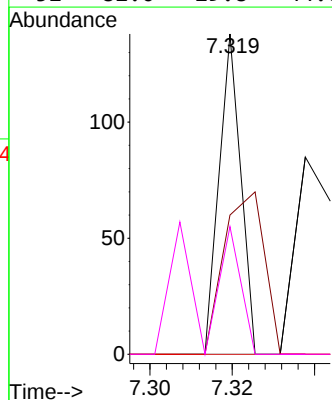
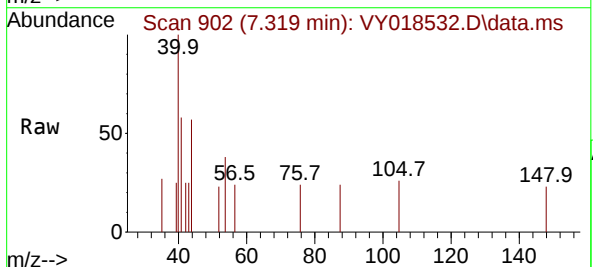
Instrument :
MSVOA_Y
ClientSampleId :
B-01

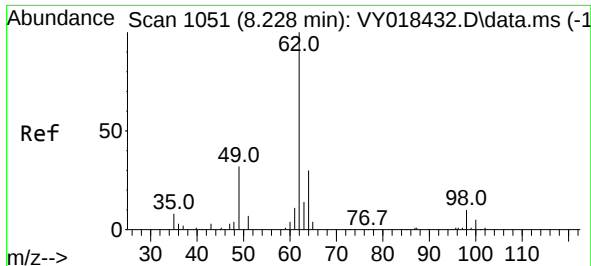
Tgt Ion: 78 Resp: 77
Ion Ratio Lower Upper
78 100
77 0.0 19.5 29.3#



#41
Methacrylonitrile
Concen: 58.796 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 41 Resp: 50
Ion Ratio Lower Upper
41 100
39 96.0 48.0 72.0#
67 0.0 75.1 112.7#
52 82.0 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 29.028 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.043 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

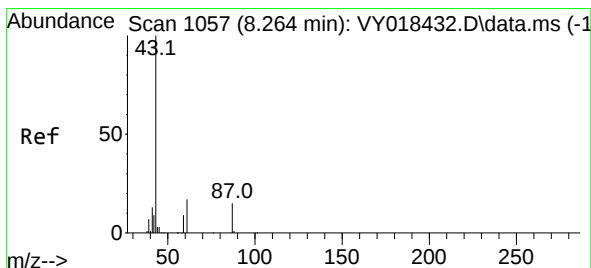
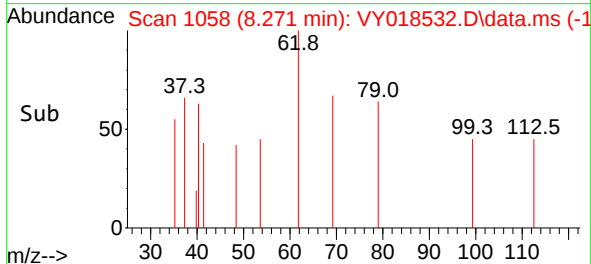
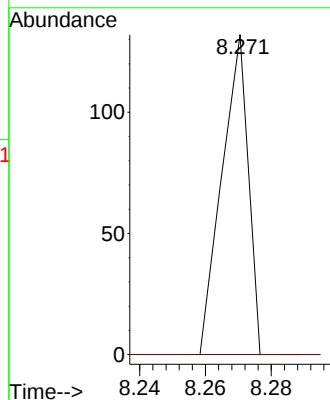
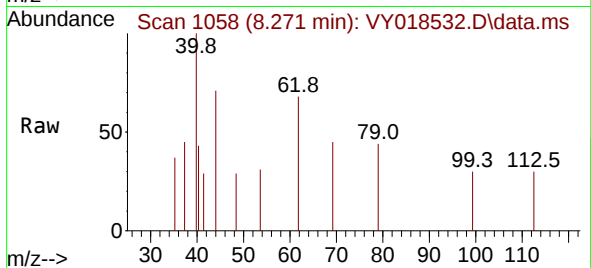
B-01

Tgt Ion: 62 Resp: 74

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 12.542 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.018 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

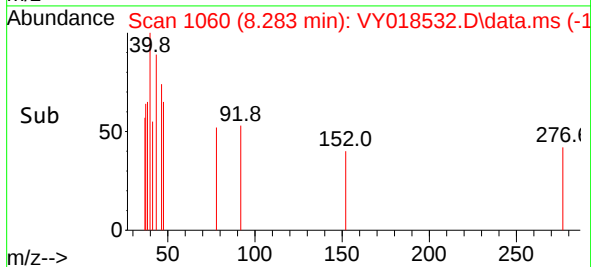
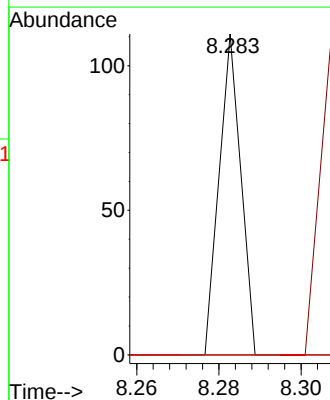
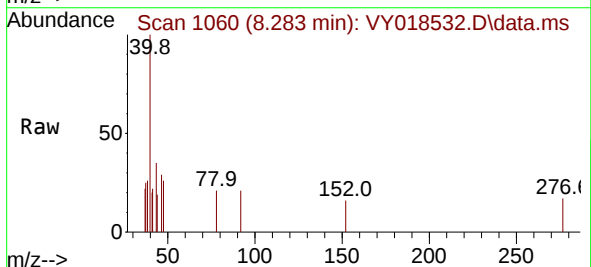
Tgt Ion: 43 Resp: 41

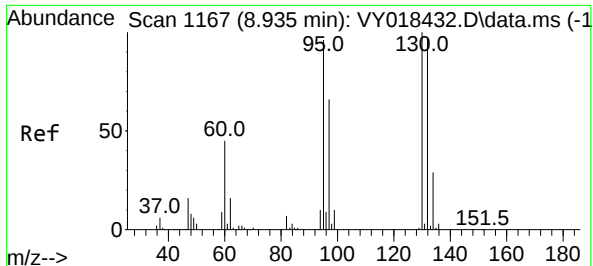
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#

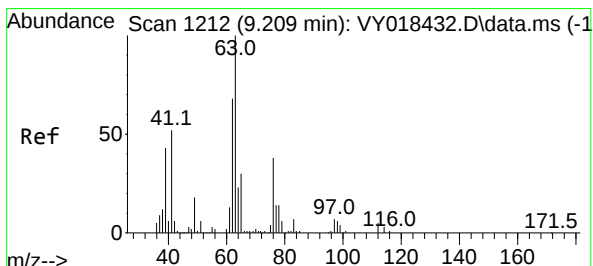
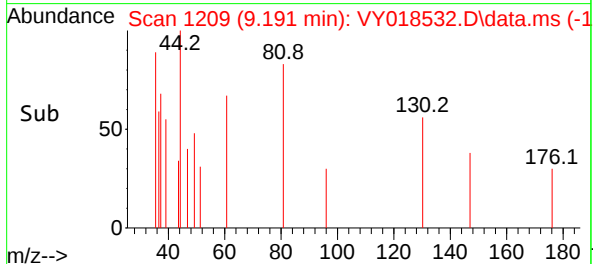
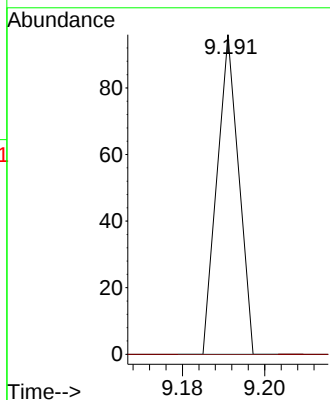
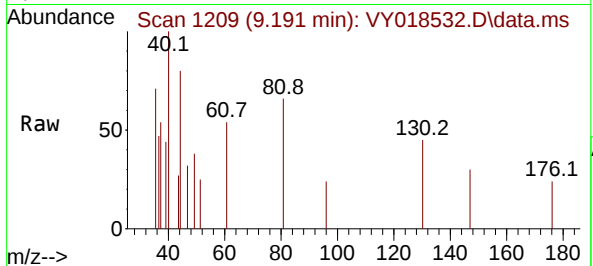




#44
 Trichloroethene
 Concen: 13.469 ug/l
 RT: 9.191 min Scan# 1197
 Delta R.T. 0.256 min
 Lab File: VY018532.D
 Acq: 07 Jun 2024 17:19

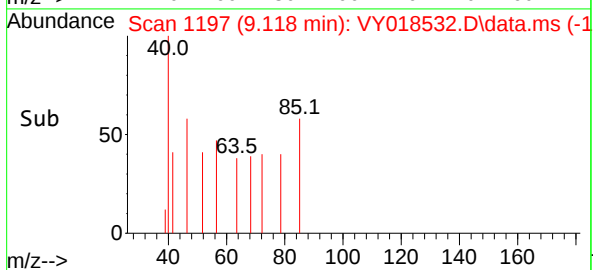
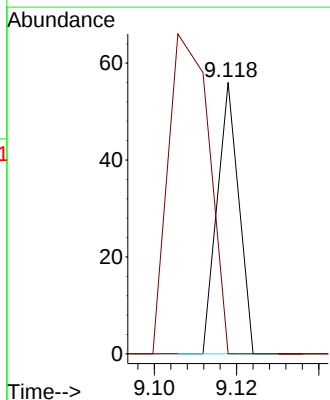
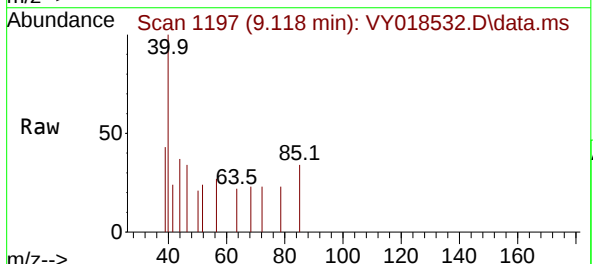
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01

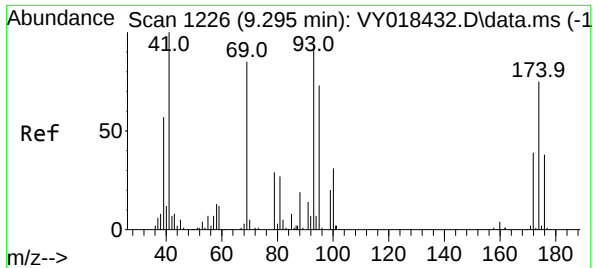
Tgt Ion:130 Resp: 35
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 188.0



#45
 1,2-Dichloropropane
 Concen: 8.340 ug/l
 RT: 9.118 min Scan# 1197
 Delta R.T. -0.091 min
 Lab File: VY018532.D
 Acq: 07 Jun 2024 17:19

Tgt Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.4 38.2#

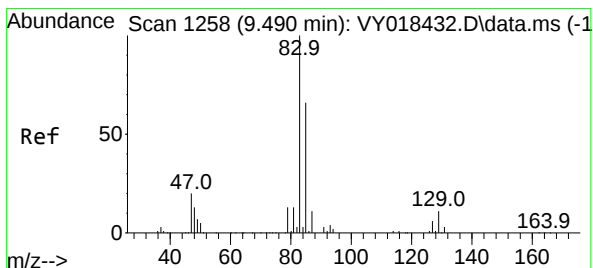
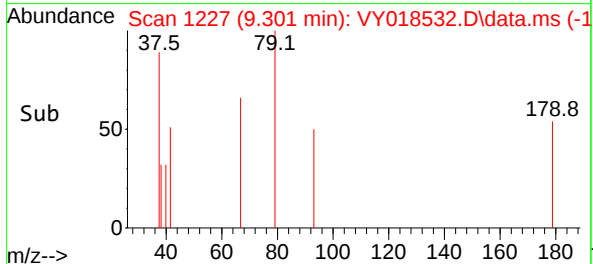
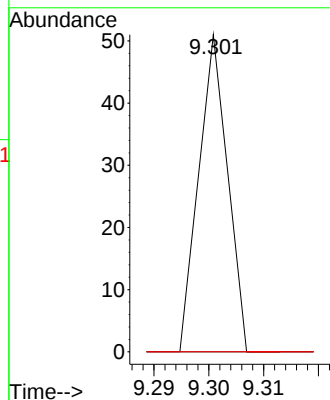
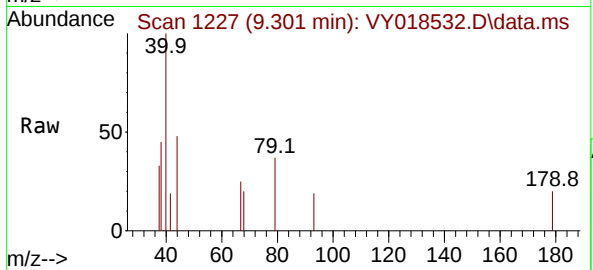




#46
Dibromomethane
Concen: 13.819 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

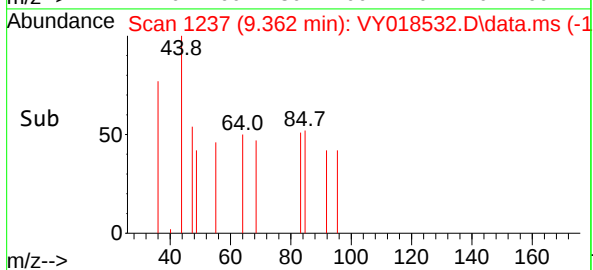
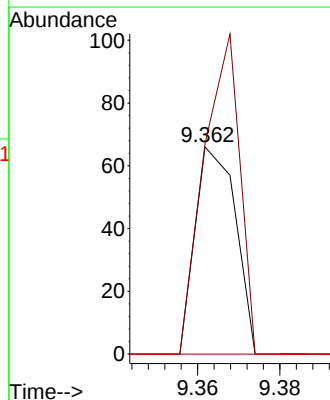
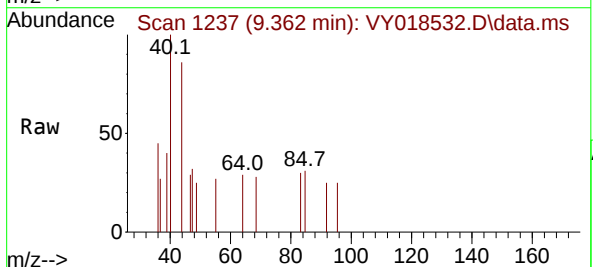
Instrument :
MSVOA_Y
ClientSampleId :
B-01

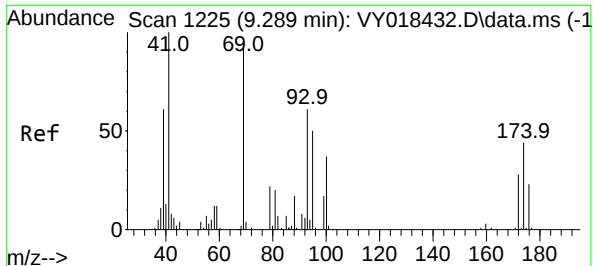
Tgt Ion: 93 Resp: 19
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#



#47
Bromodichloromethane
Concen: 13.635 ug/l
RT: 9.362 min Scan# 1237
Delta R.T. -0.128 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 83 Resp: 45
Ion Ratio Lower Upper
83 100
85 101.5 50.1 75.1#
127 0.0 7.4 11.0#

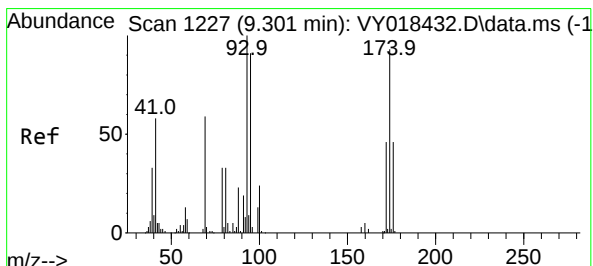
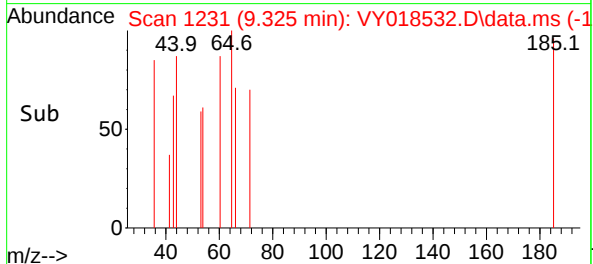
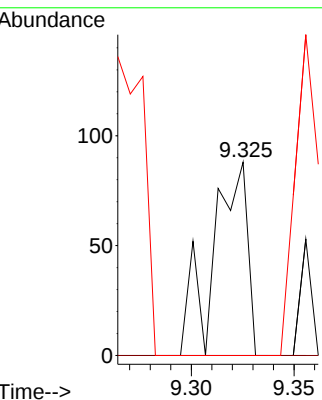
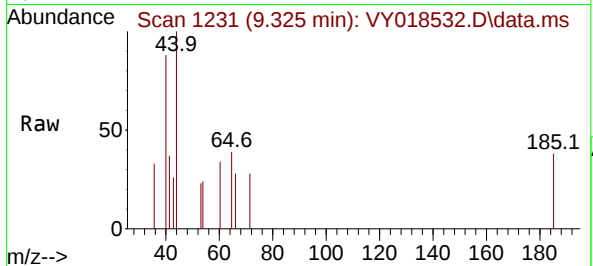




#48
Methyl methacrylate
Concen: 68.482 ug/l
RT: 9.325 min Scan# 11
Delta R.T. 0.037 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

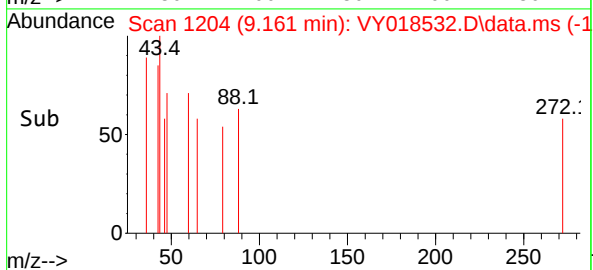
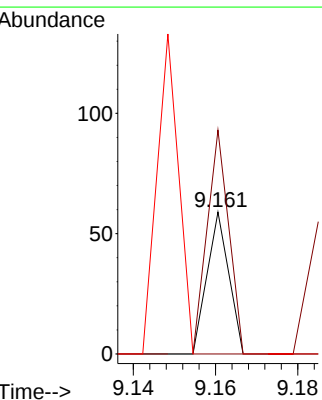
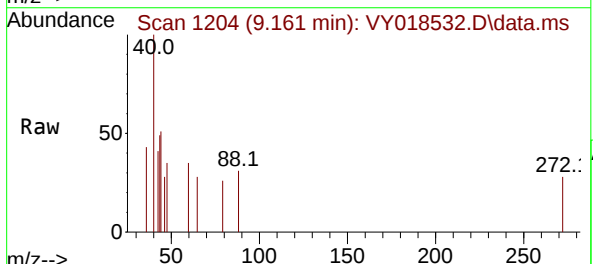
Instrument :
MSVOA_Y
ClientSampleId :
B-01

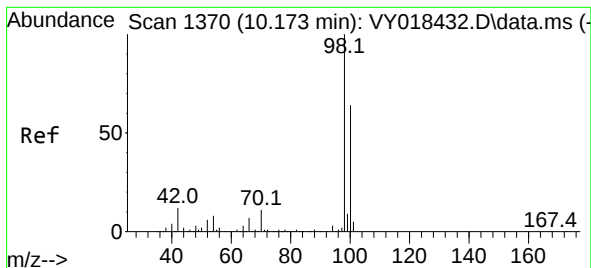
Tgt Ion: 41 Resp: 103
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 0.0 43.6 65.4#



#49
1,4-Dioxane
Concen: 1218.487 ug/l
RT: 9.161 min Scan# 1204
Delta R.T. -0.140 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 154.5 0.0 0.0#
58 222.7 49.3 73.9#





#50

Toluene-d8

Concen: 37.127 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

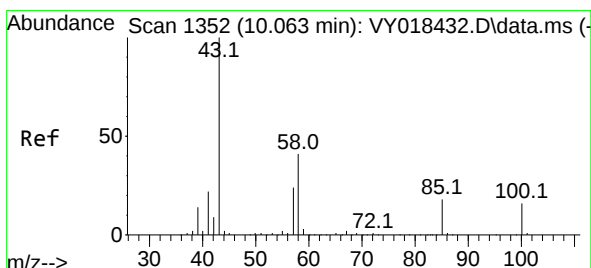
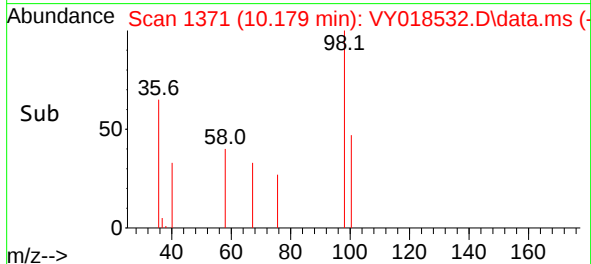
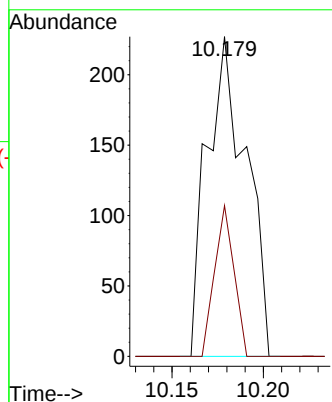
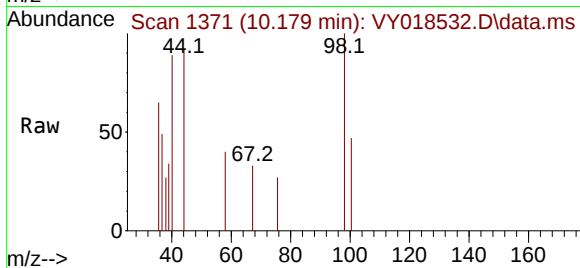
B-01

Tgt Ion: 98 Resp: 339

Ion Ratio Lower Upper

98 100

100 23.3 52.0 78.0#



#51

4-Methyl-2-Pentanone

Concen: 17.673 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.012 min

Lab File: VY018532.D

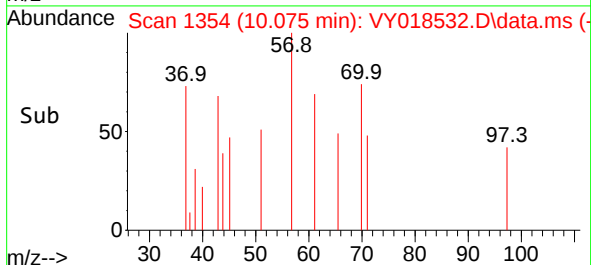
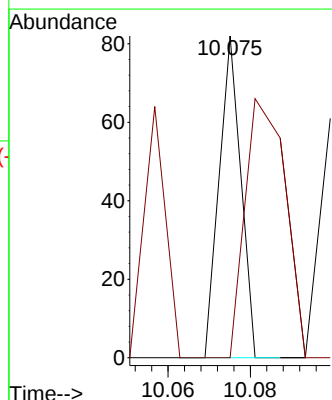
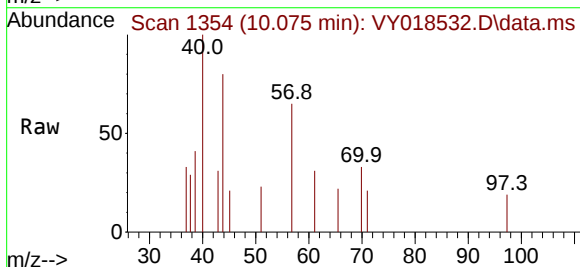
Acq: 07 Jun 2024 17:19

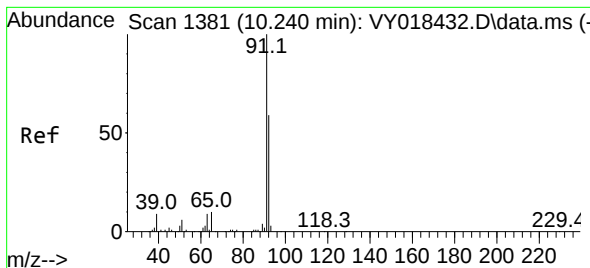
Tgt Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

58 150.0 35.7 53.5#





#52

Toluene

Concen: 2.946 ug/l

RT: 10.136 min Scan# 11

Delta R.T. -0.104 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

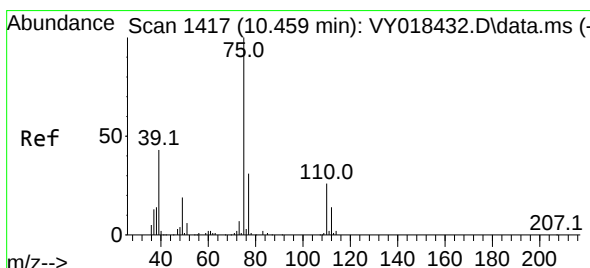
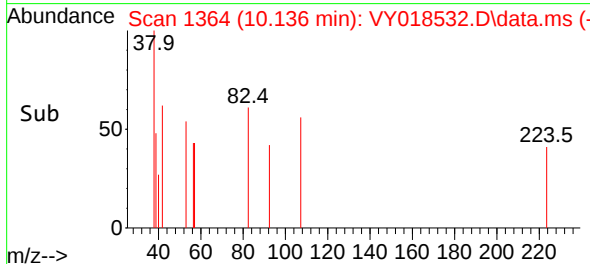
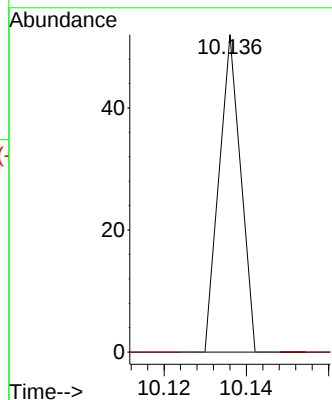
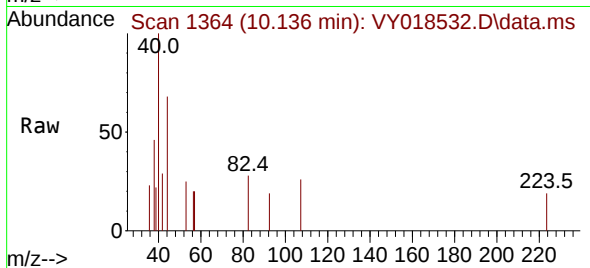
B-01

Tgt Ion: 92 Resp: 19

Ion Ratio Lower Upper

92 100

91 0.0 139.0 208.6#



#53

t-1,3-Dichloropropene

Concen: 8.579 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.012 min

Lab File: VY018532.D

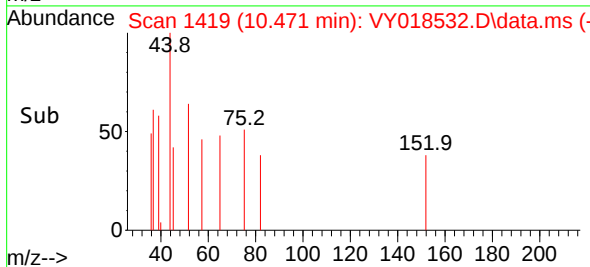
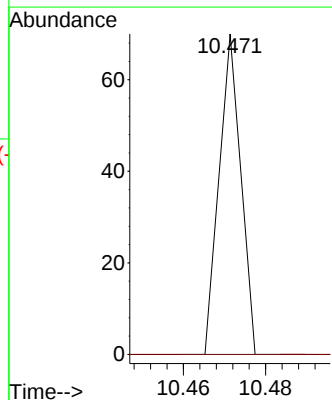
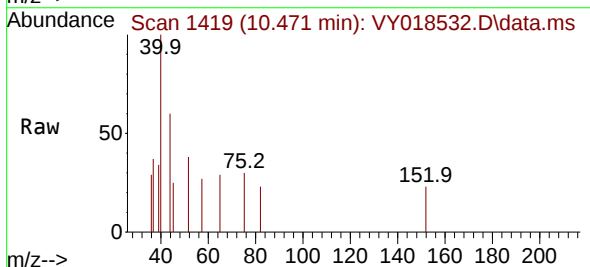
Acq: 07 Jun 2024 17:19

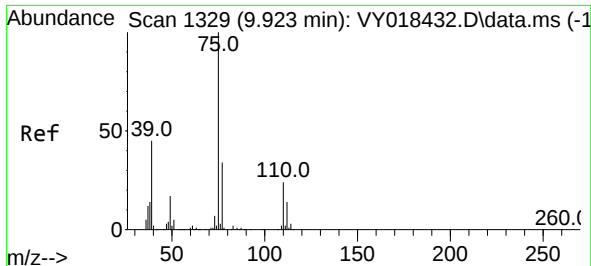
Tgt Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

77 0.0 24.1 36.1#

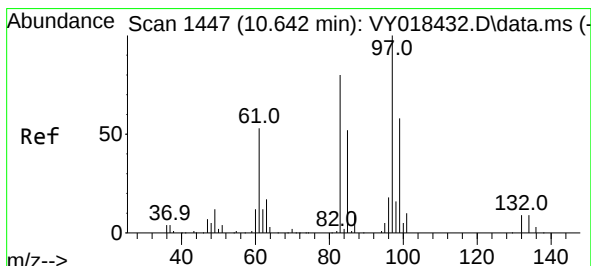
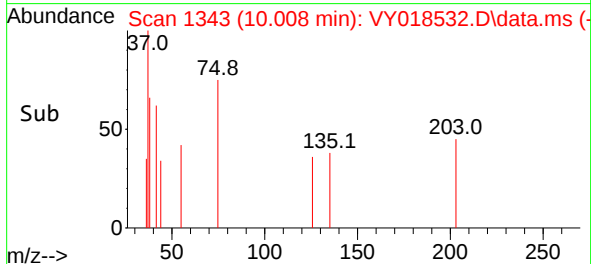
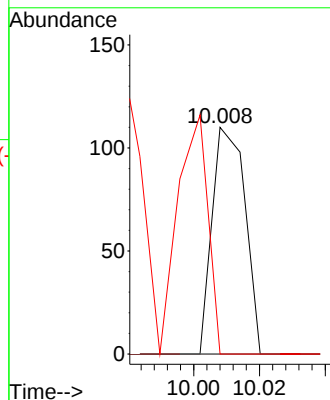
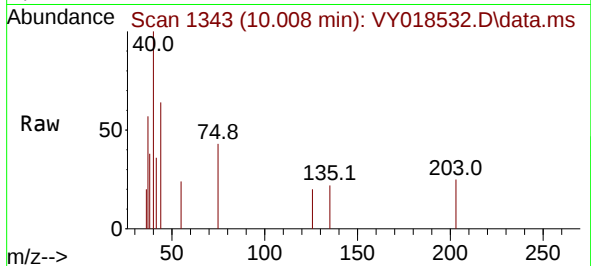




#54
cis-1,3-Dichloropropene
Concen: 20.366 ug/l
RT: 10.008 min Scan# 11
Delta R.T. 0.085 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

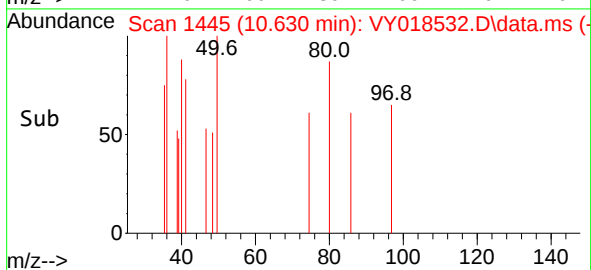
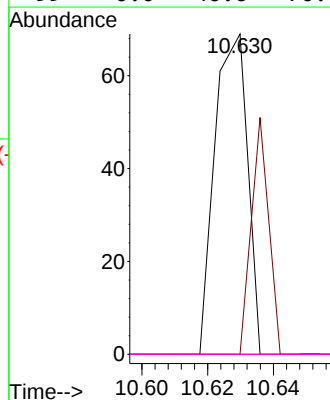
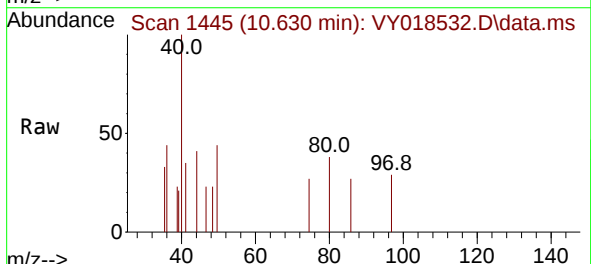
Instrument :
MSVOA_Y
ClientSampleId :
B-01

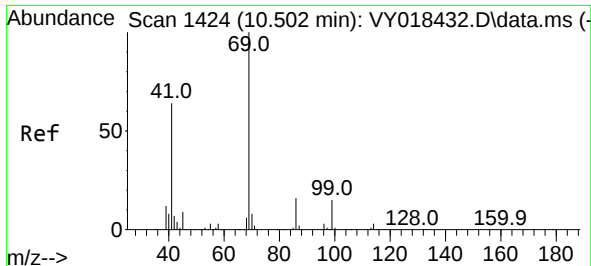
Tgt Ion: 75	Resp:	76
Ion Ratio	Lower	Upper
75	100	
77	0.0	25.4
39	0.0	29.8



#55
1,1,2-Trichloroethane
Concen: 26.834 ug/l
RT: 10.630 min Scan# 1445
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 97	Resp:	48
Ion Ratio	Lower	Upper
97	100	
83	0.0	67.5
85	0.0	42.9
99	0.0	46.6

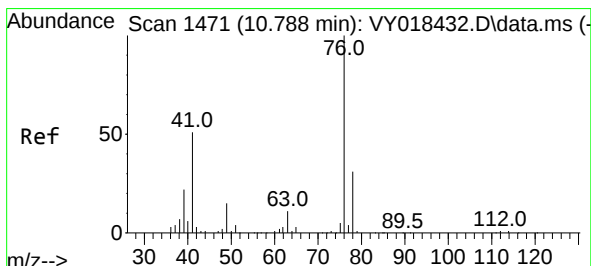
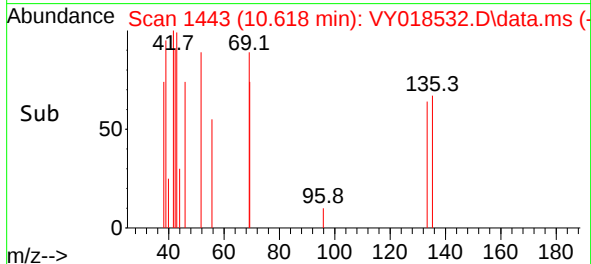
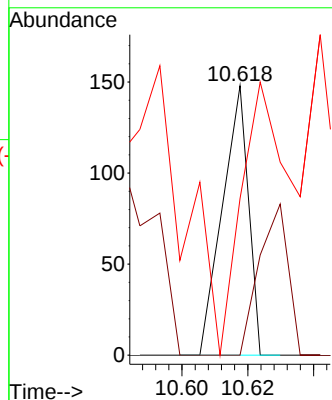
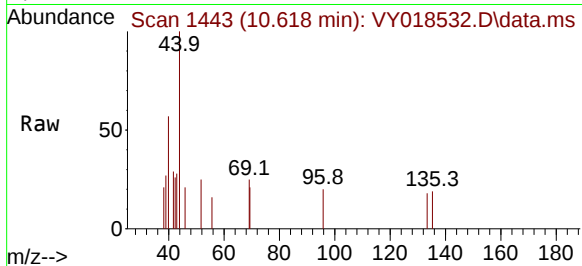




#56
Ethyl methacrylate
Concen: 32.179 ug/l
RT: 10.618 min Scan# 1424
Delta R.T. 0.116 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

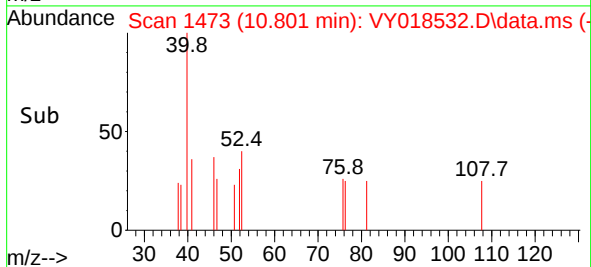
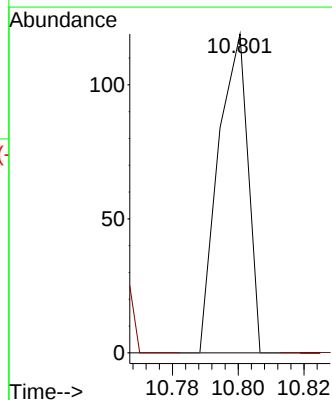
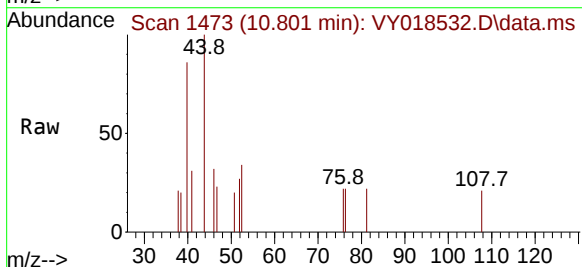
Instrument :
MSVOA_Y
ClientSampleId :
B-01

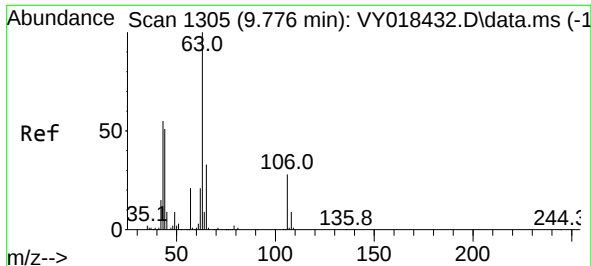
Tgt Ion: 69 Resp: 81
Ion Ratio Lower Upper
69 100
41 61.7 42.3 63.5
39 193.8 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 24.369 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 76 Resp: 74
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

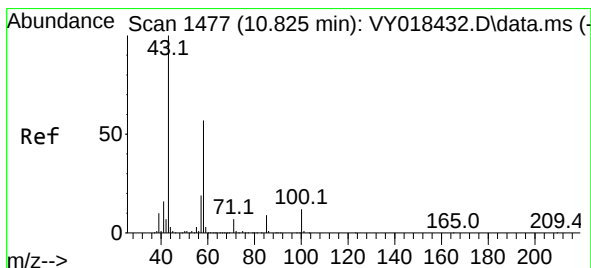
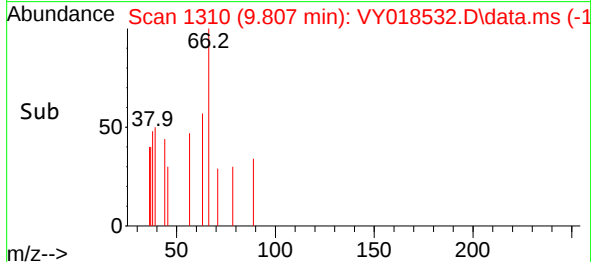
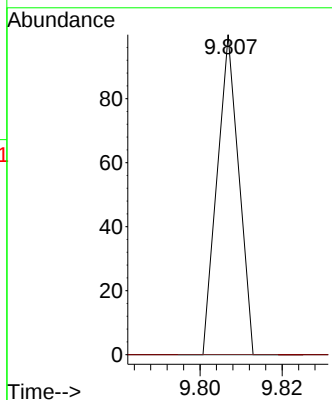
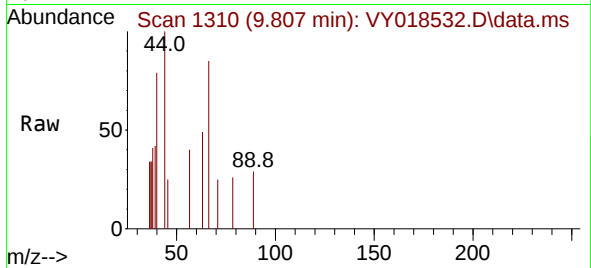




#58
2-Chloroethyl Vinyl ether
Concen: 27.373 ug/l
RT: 9.807 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

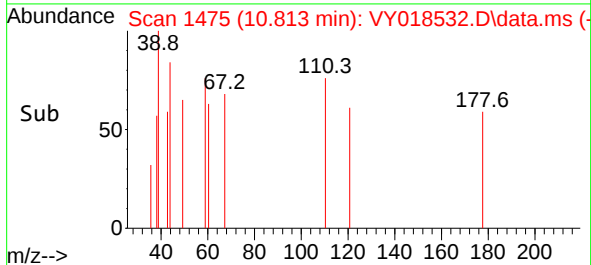
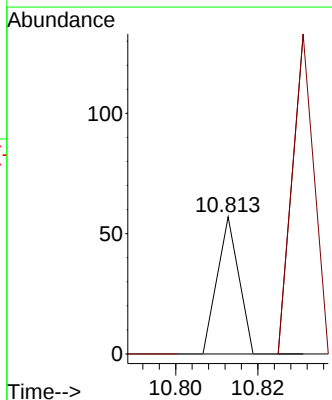
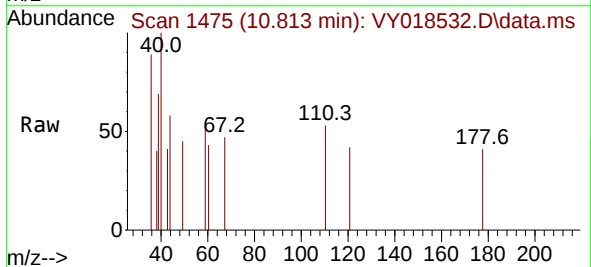
Instrument :
MSVOA_Y
ClientSampleId :
B-01

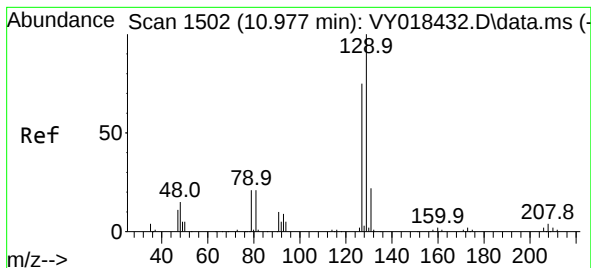
Tgt Ion: 63 Resp: 37
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 17.902 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.012 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 233.3 31.4 94.0#

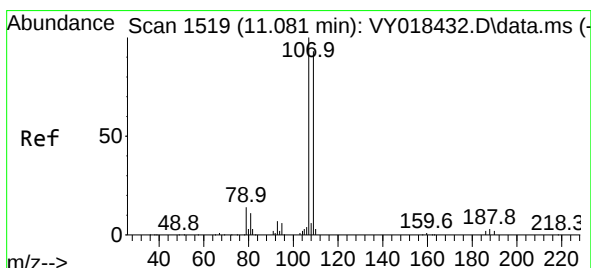
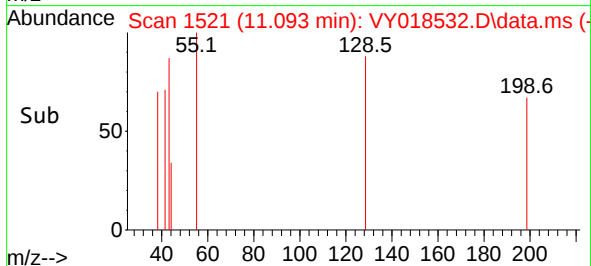
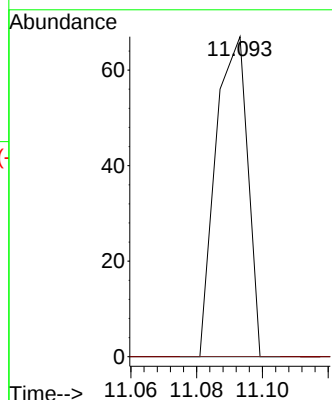
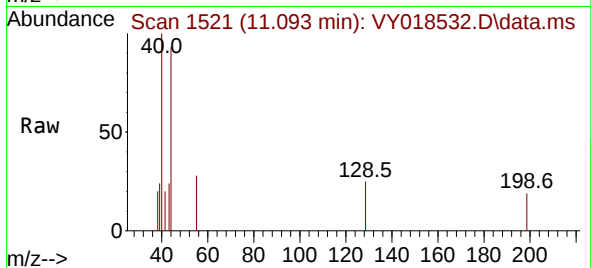




#60
Dibromochloromethane
Concen: 20.592 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

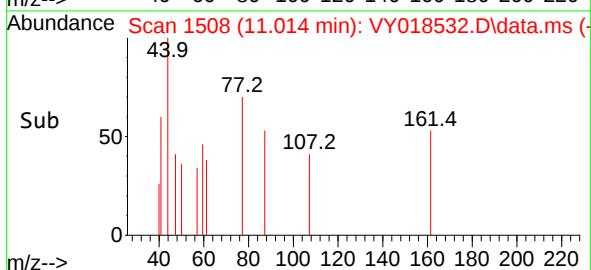
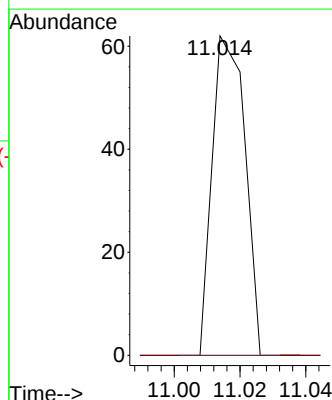
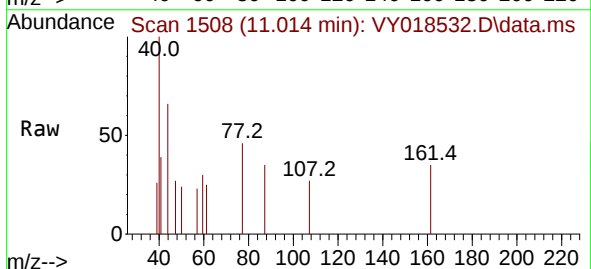
Instrument :
MSVOA_Y
ClientSampleId :
B-01

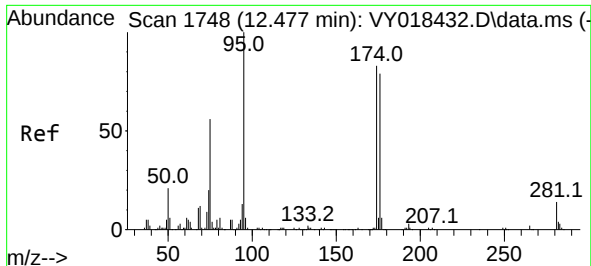
Tgt Ion:129 Resp: 45
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 25.528 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. -0.067 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion:107 Resp: 43
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#

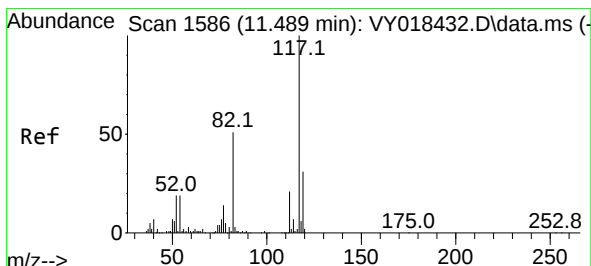
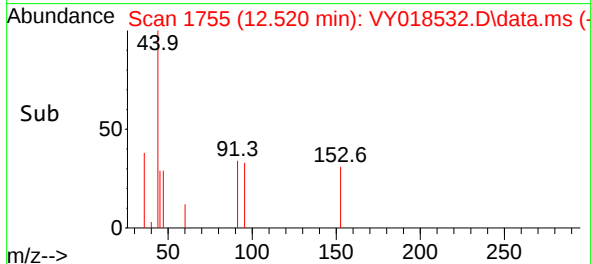
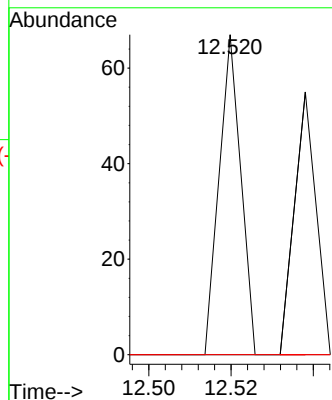
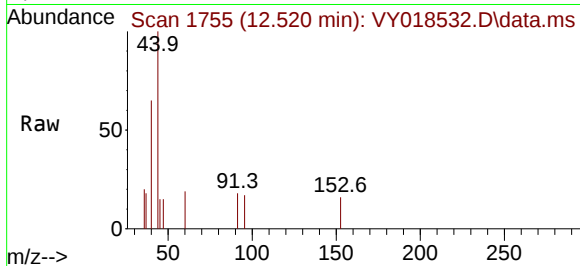




#62
4-Bromofluorobenzene
Concen: 8.794 ug/l
RT: 12.520 min Scan# 1755
Delta R.T. 0.043 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

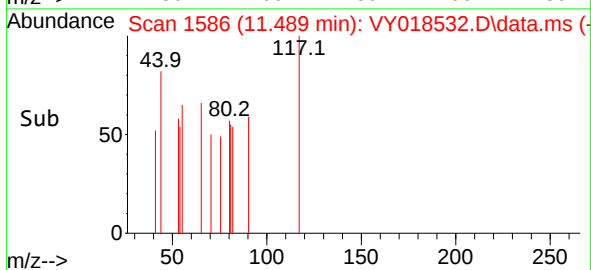
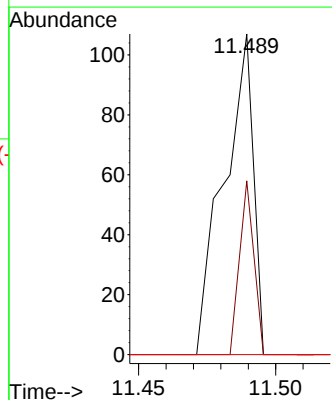
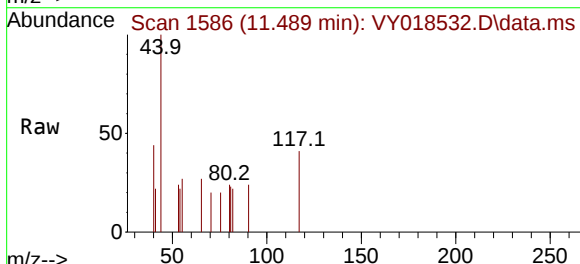
Instrument :
MSVOA_Y
ClientSampleId :
B-01

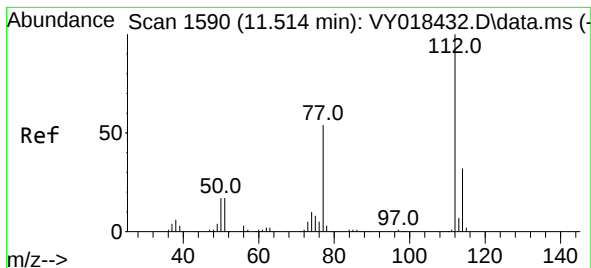
Tgt Ion: 95 Resp: 25
Ion Ratio Lower Upper
95 100
174 0.0 0.0 175.6
176 0.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 117 Resp: 80
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 0.0 25.9 38.9#

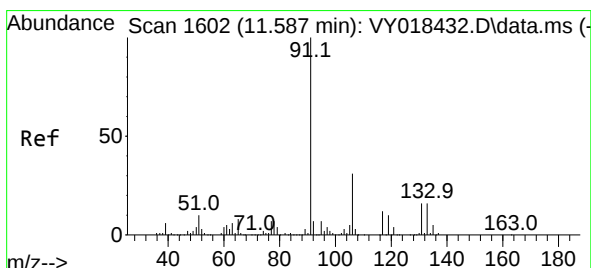
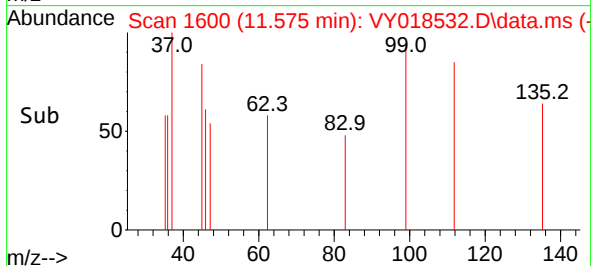
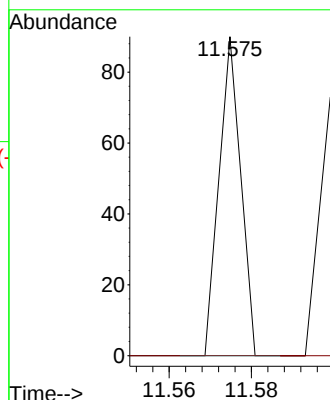
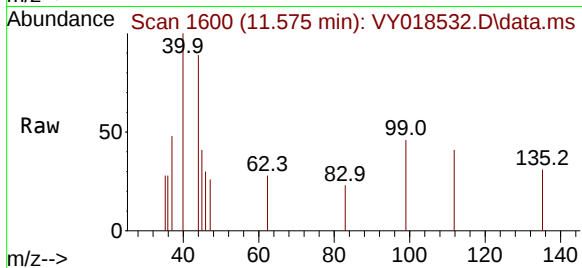




#65
Chlorobenzene
Concen: 9.619 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.061 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

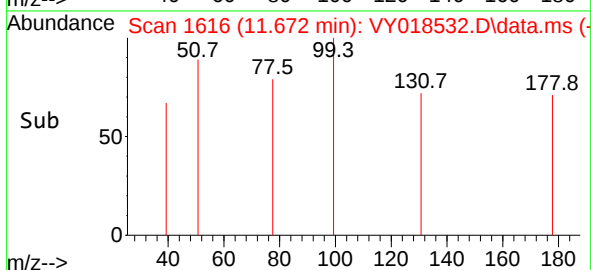
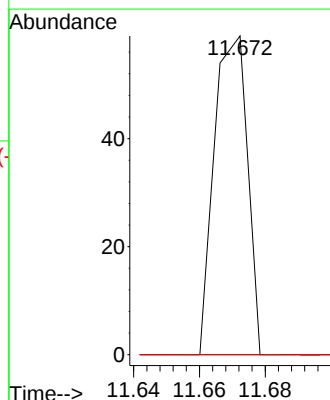
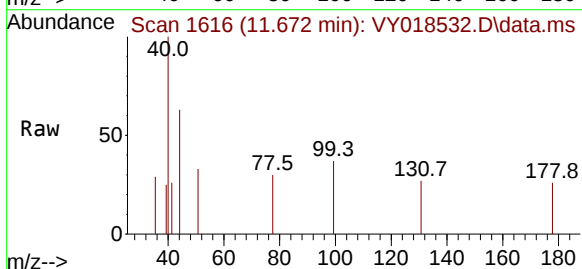
Instrument :
MSVOA_Y
ClientSampleId :
B-01

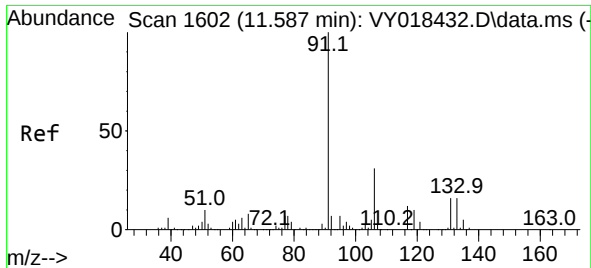
Tgt Ion:112 Resp: 33
Ion Ratio Lower Upper
112 100
114 0.0 26.4 39.6#



#66
1,1,1,2-Tetrachloroethane
Concen: 36.959 ug/l
RT: 11.672 min Scan# 1616
Delta R.T. 0.085 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion:131 Resp: 41
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 0.0 34.1 102.2#





#67

Ethyl Benzene

Concen: 3.523 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

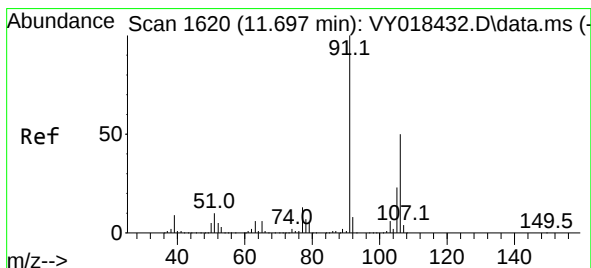
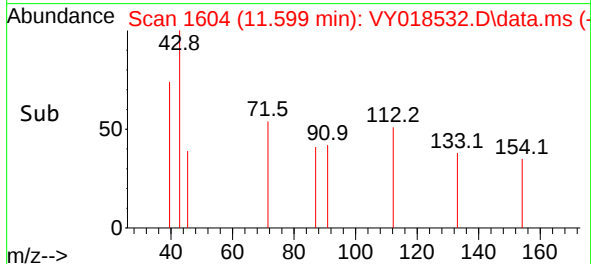
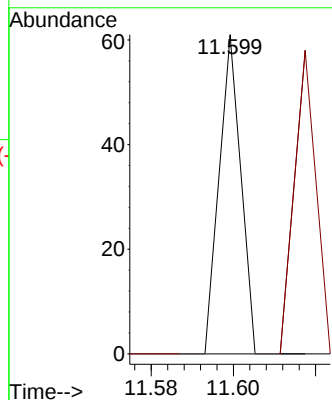
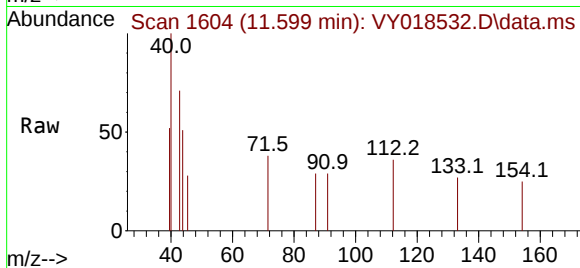
B-01

Tgt Ion: 91 Resp: 22

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#68

m/p-Xylenes

Concen: 9.782 ug/l

RT: 11.666 min Scan# 1615

Delta R.T. -0.031 min

Lab File: VY018532.D

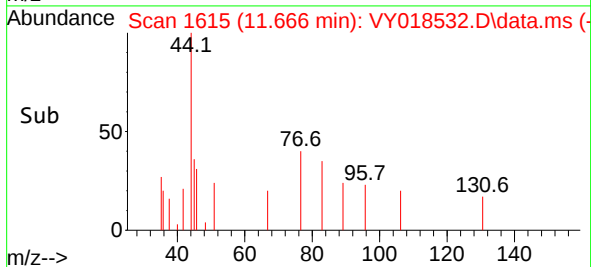
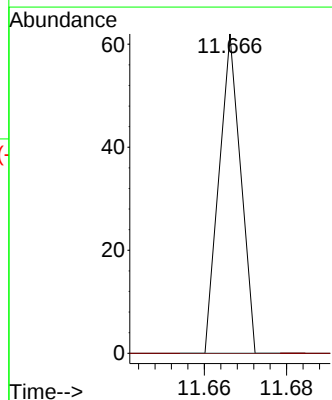
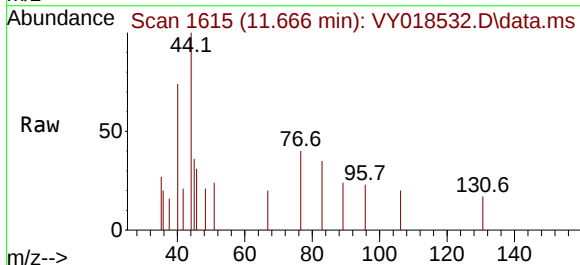
Acq: 07 Jun 2024 17:19

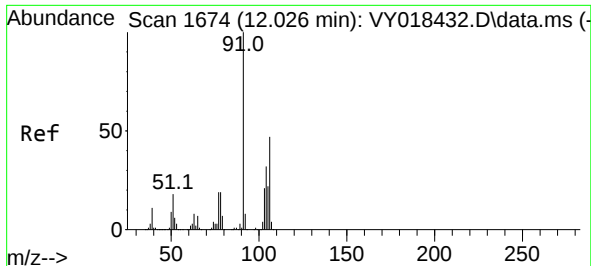
Tgt Ion:106 Resp: 23

Ion Ratio Lower Upper

106 100

91 0.0 156.0 234.0#





#69

o-Xylene

Concen: 8.836 ug/l

RT: 11.806 min Scan# 11

Delta R.T. -0.220 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

Instrument :

MSVOA_Y

ClientSampleId :

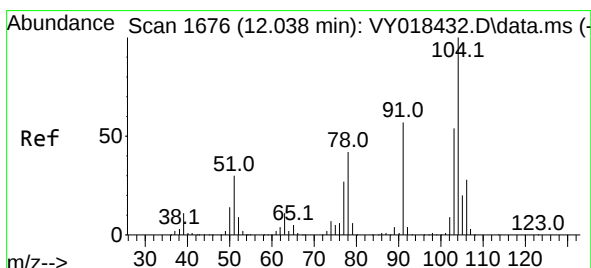
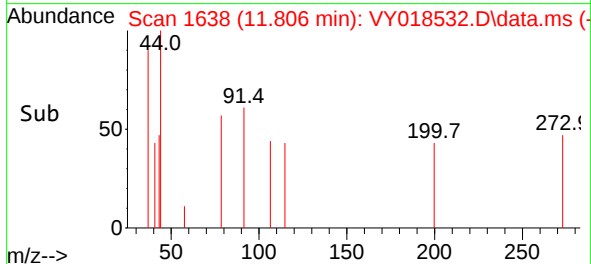
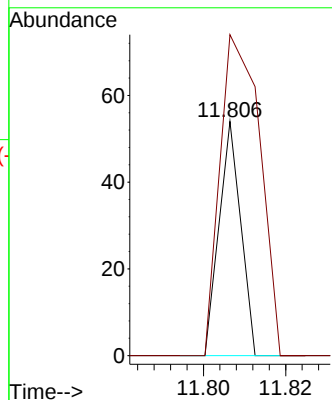
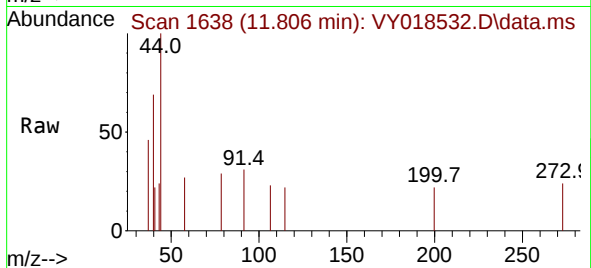
B-01

Tgt Ion:106 Resp: 20

Ion Ratio Lower Upper

106 100

91 250.0 103.6 310.8



#70

Styrene

Concen: 6.219 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.189 min

Lab File: VY018532.D

Acq: 07 Jun 2024 17:19

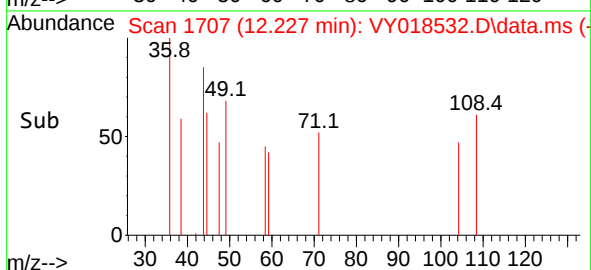
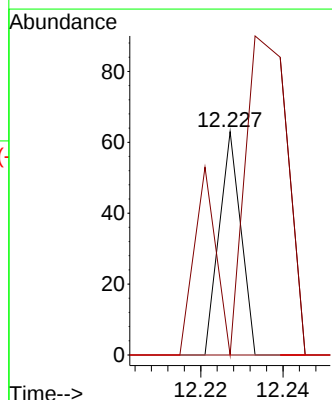
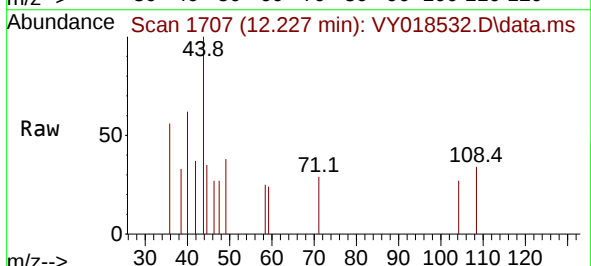
Tgt Ion:104 Resp: 23

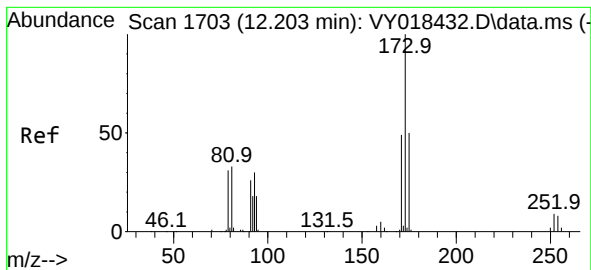
Ion Ratio Lower Upper

104 100

78 360.9 37.0 55.4#

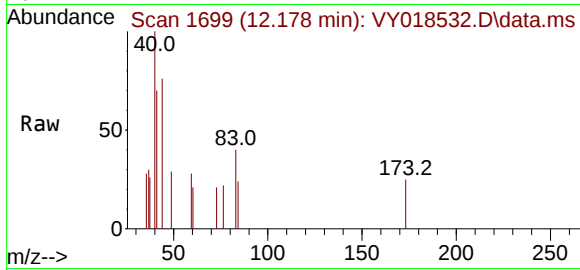
103 0.0 44.2 66.2#



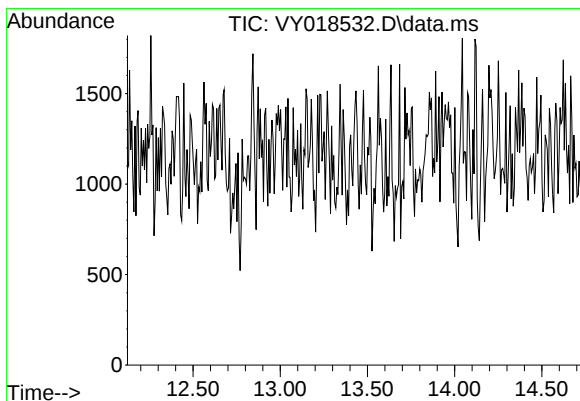
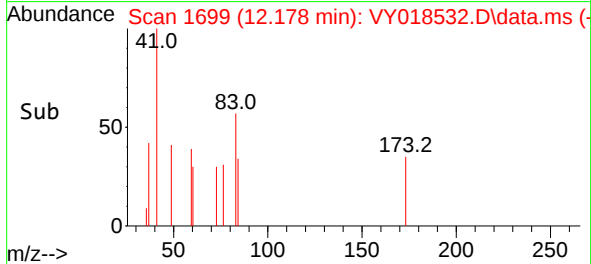
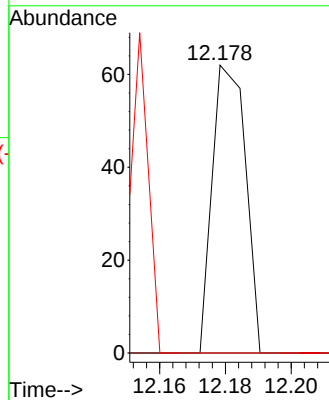


#71
Bromoform
Concen: 75.290 ug/l
RT: 12.178 min Scan# 1
Delta R.T. -0.024 min
Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Instrument :
MSVOA_Y
ClientSampleId :
B-01



Tgt Ion:173 Resp: 44
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY018532.D
Acq: 07 Jun 2024 17:19

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 172.8

