

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018509.D
 Acq On : 06 Jun 2024 16:51
 Operator : SY/MD
 Sample : P2707-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:28:10 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	7.673	168	27	50.000	ug/l	#-0.11
34) 1,4-Difluorobenzene	8.673	114	163	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	66	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	210	396.049	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	792.100%#
35) Dibromofluoromethane	7.692	113	156	75.474	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.940%#
50) Toluene-d8	9.984	98	49	5.959	ug/l	-0.19
Spiked Amount	50.000	Range	58 - 134	Recovery	=	11.920%#
62) 4-Bromofluorobenzene	12.453	95	20	7.812	ug/l	-0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.620%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.967	85	21	48.973	ug/l #	43
3) Chloromethane	2.083	50	24	30.012	ug/l #	43
4) Vinyl Chloride	2.132	62	26	27.182	ug/l #	42
5) Bromomethane	2.406	94	26	40.742	ug/l #	3
6) Chloroethane	2.802	64	40	66.233	ug/l #	58
7) Trichlorofluoromethane	2.906	101	47	47.490	ug/l #	20
8) Diethyl Ether	3.430	74	62	208.207	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.820	101	22	38.176	ug/l #	19
11) Tert butyl alcohol	4.936	59	63	Below Cal	#	88
12) 1,1-Dichloroethene	3.631	96	23	40.606	ug/l #	2
13) Acrolein	3.668	56	92	1695.093	ug/l #	15
14) Allyl chloride	4.412	41	100	120.547	ug/l #	1
15) Acrylonitrile	5.070	53	39	286.385	ug/l #	1
16) Acetone	3.881	43	26	220.926	ug/l #	13
17) Carbon Disulfide	4.070	76	25	15.046	ug/l #	76
18) Methyl Acetate	4.418	43	101	343.198	ug/l #	46
19) Methyl tert-butyl Ether	5.168	73	27	19.778	ug/l #	54
20) Methylene Chloride	4.698	84	20	28.636	ug/l #	23
21) trans-1,2-Dichloroethene	5.088	96	45	74.446	ug/l #	1
22) Diisopropyl ether	6.021	45	25	14.798	ug/l #	52
23) Vinyl Acetate	5.954	43	112	101.868	ug/l #	34
24) 1,1-Dichloroethane	5.844	63	73	69.278	ug/l #	80
25) 2-Butanone	6.911	43	86	477.010	ug/l #	41
26) 2,2-Dichloropropane	6.826	77	23	24.834	ug/l #	51
27) cis-1,2-Dichloroethene	6.606	96	20	28.444	ug/l #	1
28) Bromochloromethane	7.210	49	48	98.988	ug/l #	6
29) Tetrahydrofuran	7.222	42	19	162.273	ug/l #	26
30) Chloroform	7.442	83	44	41.633	ug/l #	17
31) Cyclohexane	7.667	56	69	69.794	ug/l #	54
32) 1,1,1-Trichloroethane	7.496	97	46	49.695	ug/l #	25
36) 1,1-Dichloropropene	7.893	75	51	16.182	ug/l #	10
37) Ethyl Acetate	7.027	43	113	71.772	ug/l #	67
38) Carbon Tetrachloride	7.649	117	22	6.966	ug/l #	13
39) Methylcyclohexane	8.917	83	23	5.398	ug/l #	22
40) Benzene	8.246	78	47	4.977	ug/l #	51
41) Methacrylonitrile	7.277	41	59	77.041	ug/l #	37

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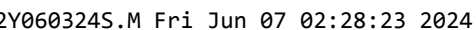
Quant Time: Jun 07 02:28:10 2024
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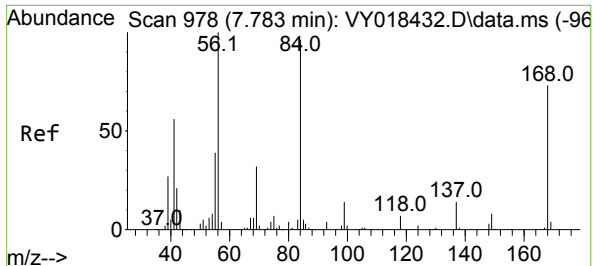
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.210	62	19	8.276	ug/l #	71
43) Isopropyl Acetate	8.295	43	83	28.194	ug/l #	78
44) Trichloroethene	8.862	130	27	11.538	ug/l	3
45) 1,2-Dichloropropane	9.271	63	24	11.113	ug/l #	1
46) Dibromomethane	9.277	93	24	19.383	ug/l #	17
47) Bromodichloromethane	9.502	83	23	7.738	ug/l #	26
48) Methyl methacrylate	9.289	41	104	76.783	ug/l #	1
49) 1,4-Dioxane	9.264	88	21	1291.542	ug/l #	20
51) 4-Methyl-2-Pentanone	10.033	43	52	34.017	ug/l	91
52) Toluene	10.075	92	19	3.271	ug/l #	1
53) t-1,3-Dichloropropene	10.539	75	23	8.427	ug/l #	45
54) cis-1,3-Dichloropropene	10.051	75	20	5.951	ug/l #	1
55) 1,1,2-Trichloroethane	10.581	97	21	13.036	ug/l #	16
56) Ethyl methacrylate	10.490	69	55	24.263	ug/l #	33
57) 1,3-Dichloropropane	10.782	76	19	6.948	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.734	63	19	15.608	ug/l #	45
59) 2-Hexanone	10.776	43	65	61.532	ug/l	60
60) Dibromochloromethane	10.978	129	21	10.671	ug/l #	10
61) 1,2-Dibromoethane	10.941	107	45	29.665	ug/l #	2
64) Tetrachloroethene	10.532	164	68	69.946	ug/l #	1
65) Chlorobenzene	11.447	112	46	16.252	ug/l #	42
67) Ethyl Benzene	11.593	91	23	4.465	ug/l #	44
69) o-Xylene	12.270	106	46	24.634	ug/l #	1
70) Styrene	12.081	104	20	6.555	ug/l #	27

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

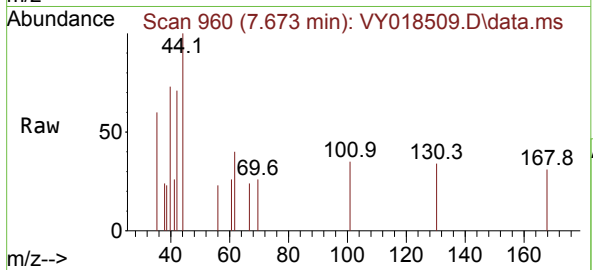
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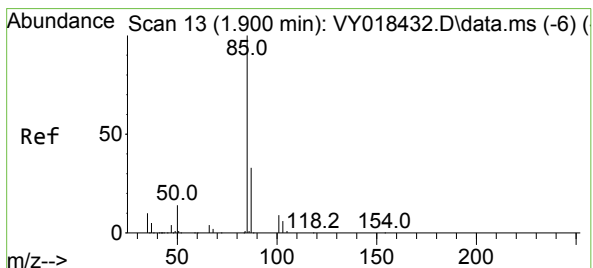
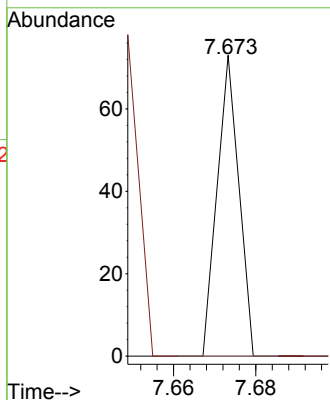
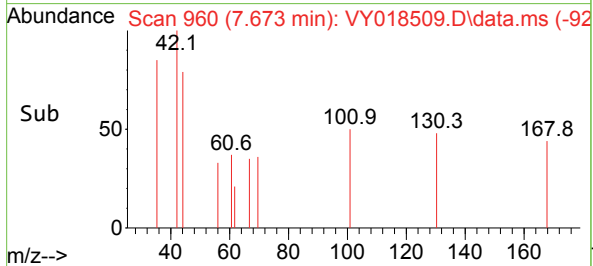


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.673 min Scan# 90
Delta R.T. -0.110 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
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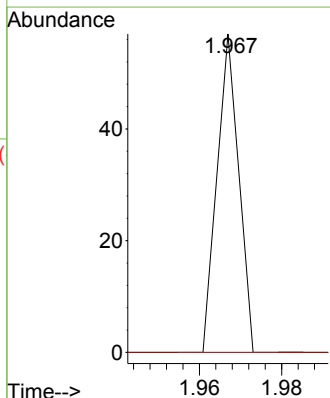
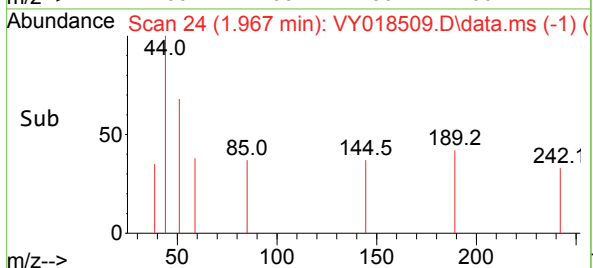
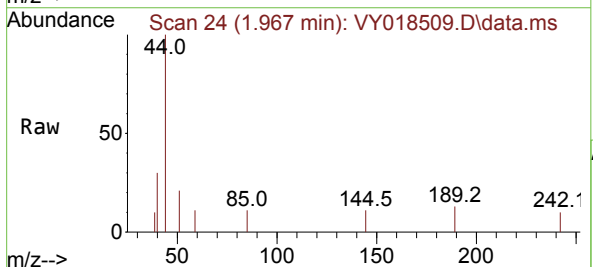


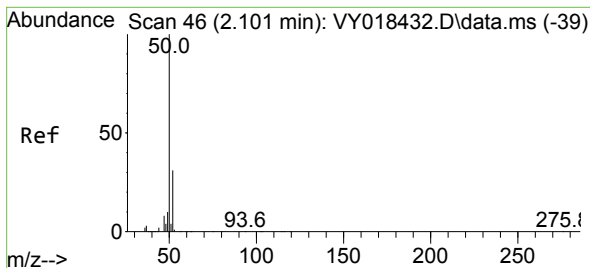
Tgt Ion:168 Resp: 27
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 48.973 ug/l
RT: 1.967 min Scan# 24
Delta R.T. 0.067 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#3

Chloromethane

Concen: 30.012 ug/l

RT: 2.083 min Scan# 41

Delta R.T. -0.018 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

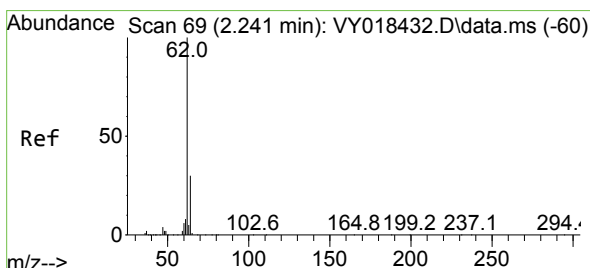
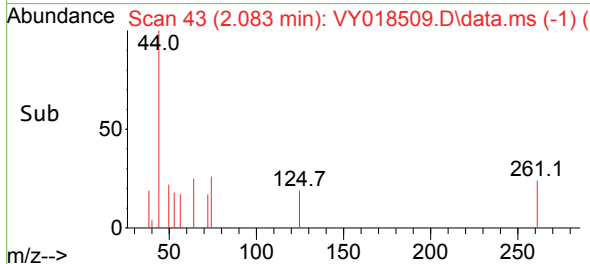
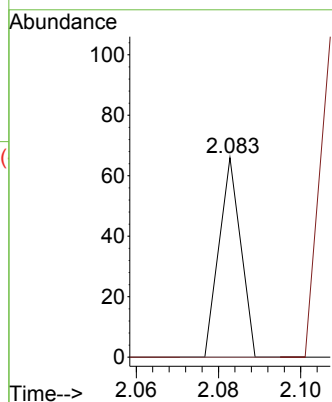
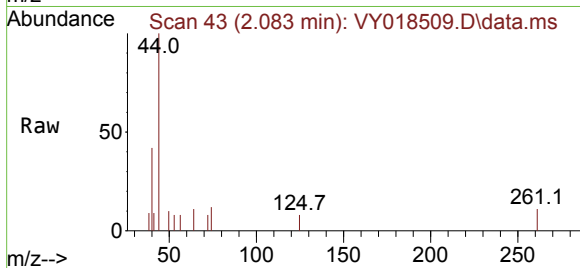
ClientSampleId :

Tgt Ion: 50 Resp: 24

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



#4

Vinyl Chloride

Concen: 27.182 ug/l

RT: 2.132 min Scan# 51

Delta R.T. -0.110 min

Lab File: VY018509.D

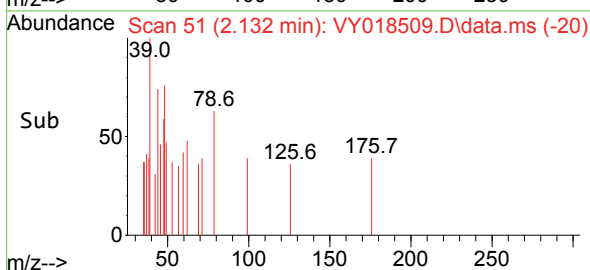
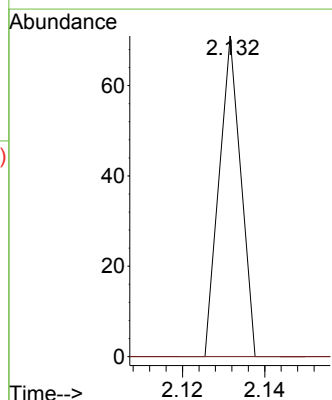
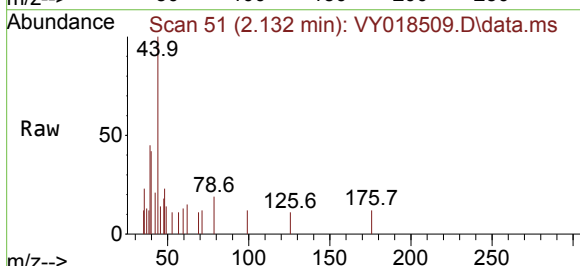
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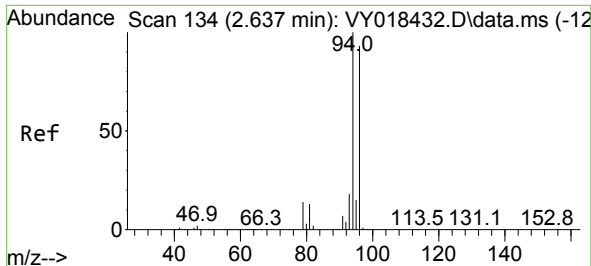
Tgt Ion: 62 Resp: 26

Ion Ratio Lower Upper

62 100

64 0.0 26.1 39.1#

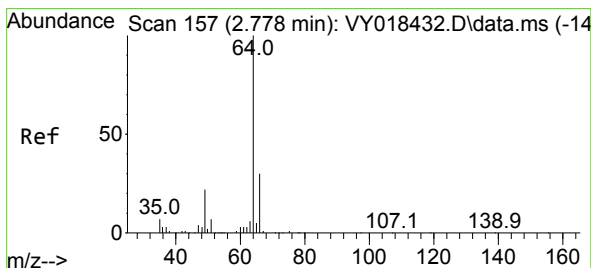
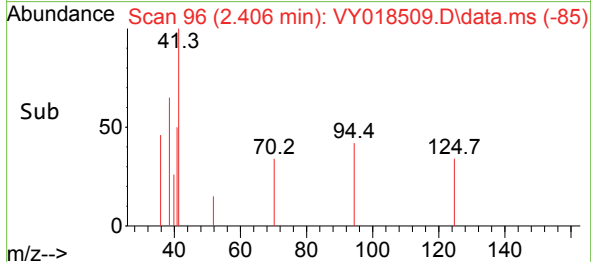
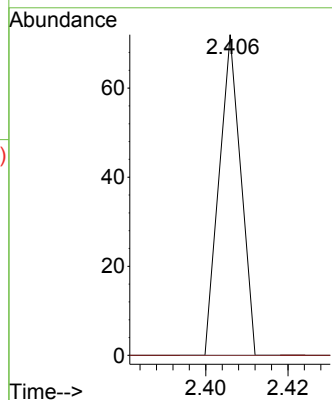
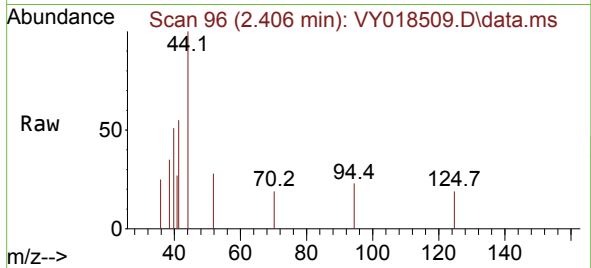




#5
Bromomethane
Concen: 40.742 ug/l
RT: 2.406 min Scan# 90
Delta R.T. -0.232 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

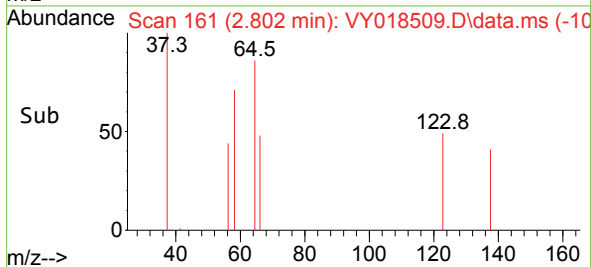
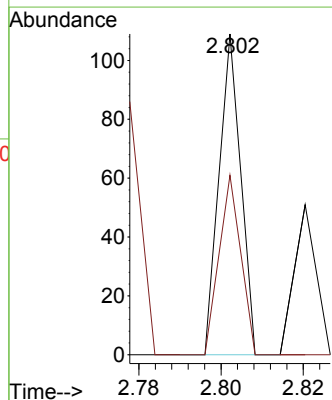
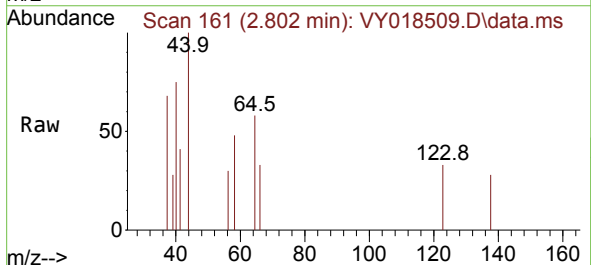
Instrument :
MSVOA_Y
ClientSampleId :

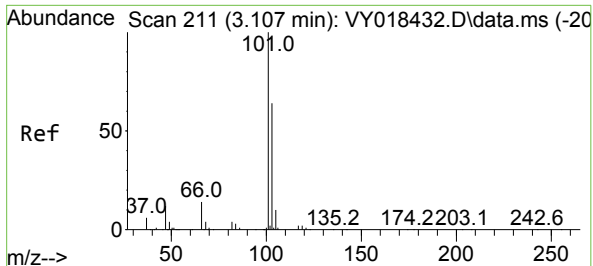
Tgt Ion: 94 Resp: 26
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 66.233 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.025 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 56.0 26.1 39.1#

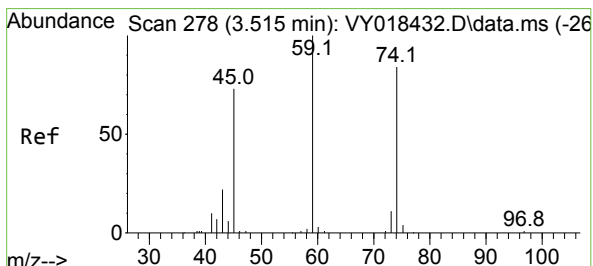
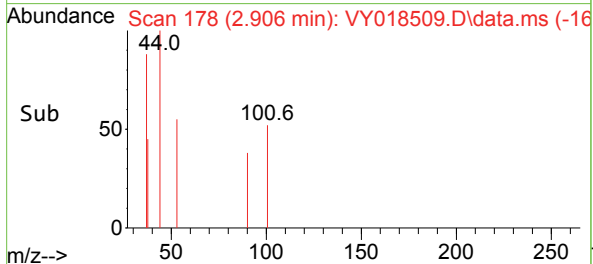
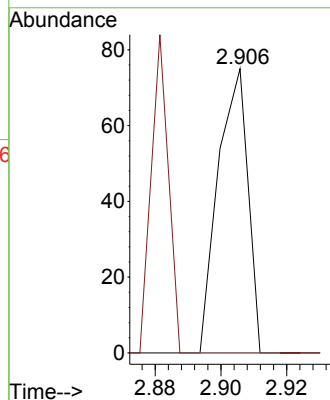
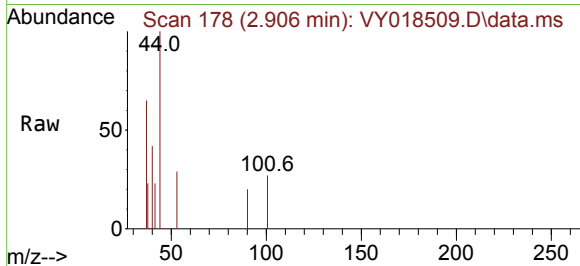




#7
 Trichlorofluoromethane
 Concen: 47.490 ug/l
 RT: 2.906 min Scan# 11
 Delta R.T. -0.201 min
 Lab File: VY018509.D
 Acq: 06 Jun 2024 16:51

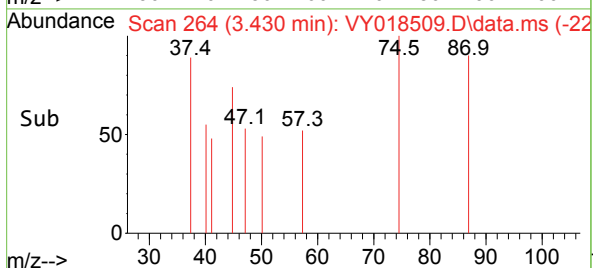
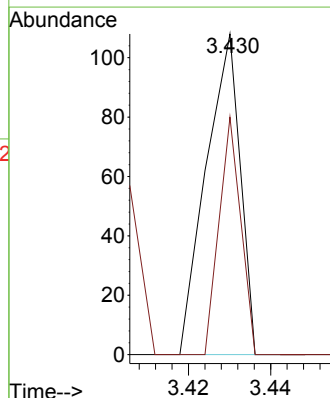
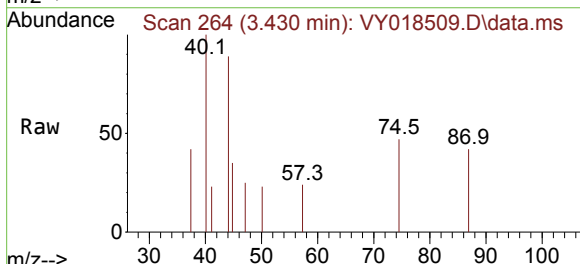
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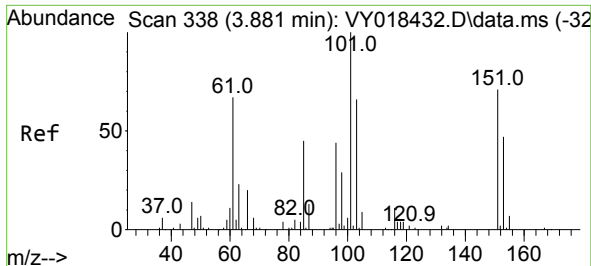
Tgt Ion:101 Resp: 47
 Ion Ratio Lower Upper
 101 100
 103 0.0 49.3 73.9#



#8
 Diethyl Ether
 Concen: 208.207 ug/l
 RT: 3.430 min Scan# 264
 Delta R.T. -0.085 min
 Lab File: VY018509.D
 Acq: 06 Jun 2024 16:51

Tgt Ion: 74 Resp: 62
 Ion Ratio Lower Upper
 74 100
 45 46.8 41.3 124.1

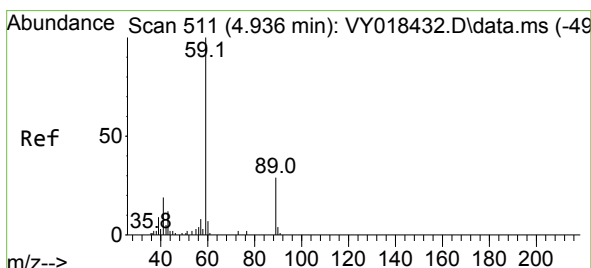
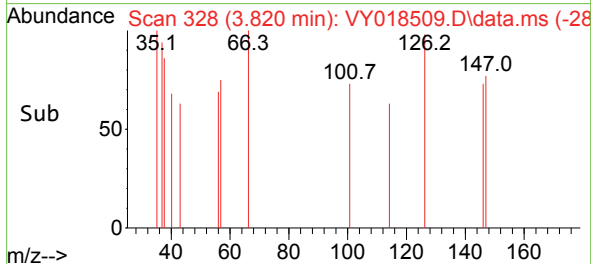
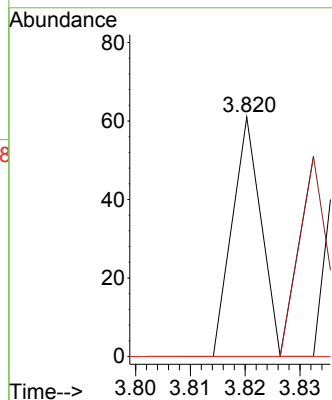
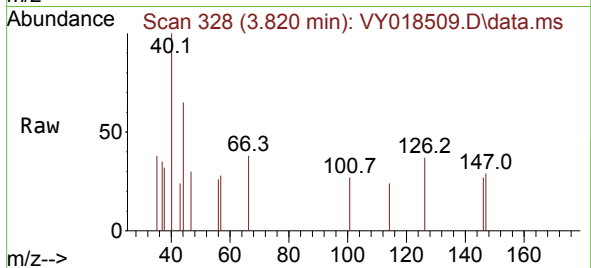




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.176 ug/l
RT: 3.820 min Scan# 31
Delta R.T. -0.061 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

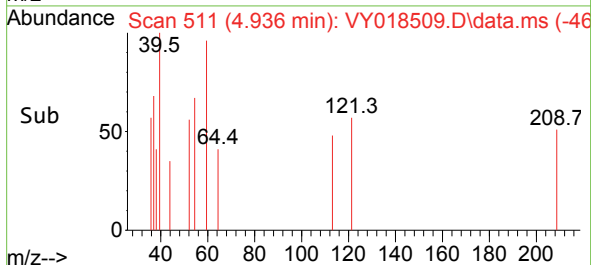
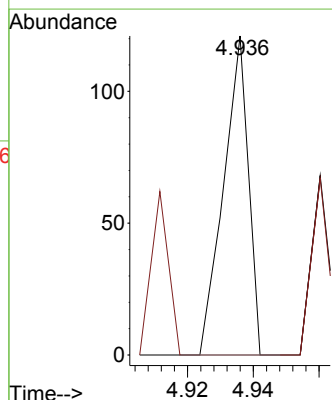
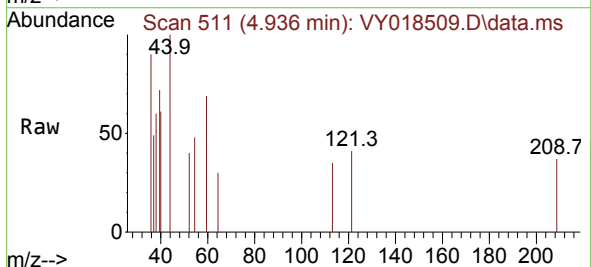
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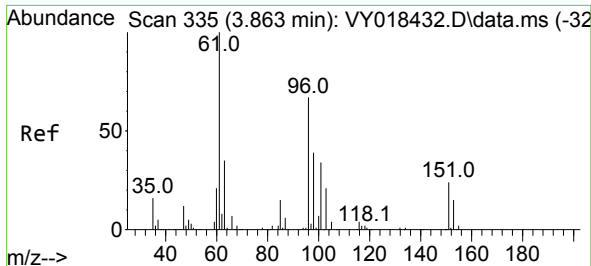
Tgt Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#12

1,1-Dichloroethene

Concen: 40.606 ug/l

RT: 3.631 min Scan# 297

Delta R.T. -0.232 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

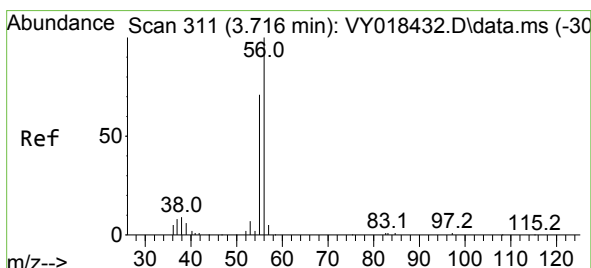
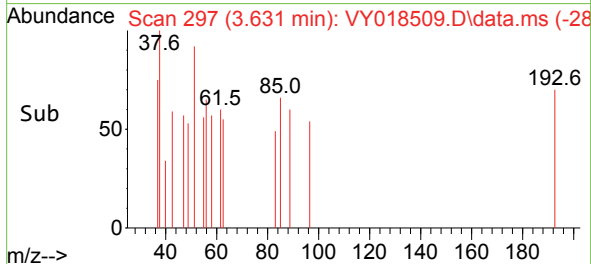
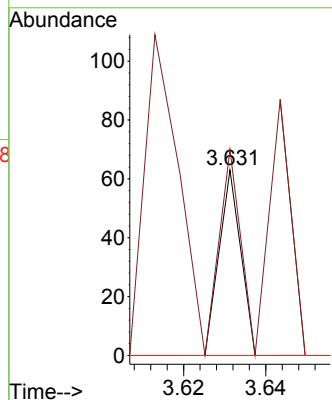
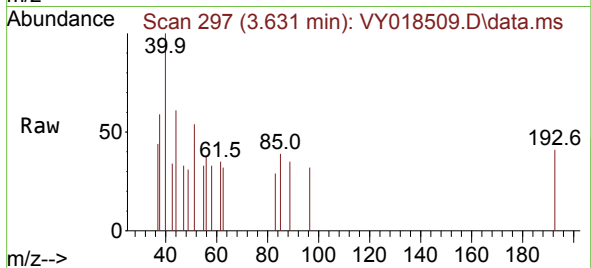
Tgt Ion: 96 Resp: 23

Ion Ratio Lower Upper

96 100

61 12.7 114.6 171.8#

98 0.0 50.8 76.2#



#13

Acrolein

Concen: 1695.093 ug/l

RT: 3.668 min Scan# 303

Delta R.T. -0.048 min

Lab File: VY018509.D

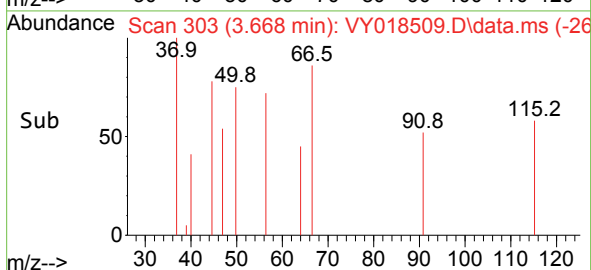
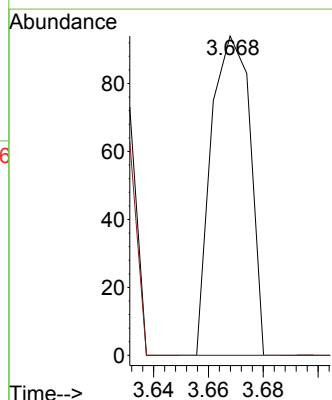
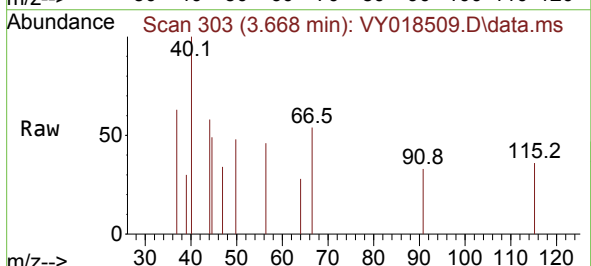
Acq: 06 Jun 2024 16:51

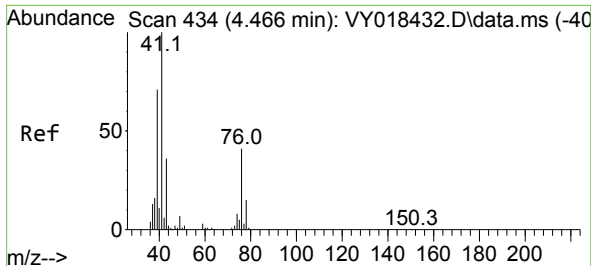
Tgt Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

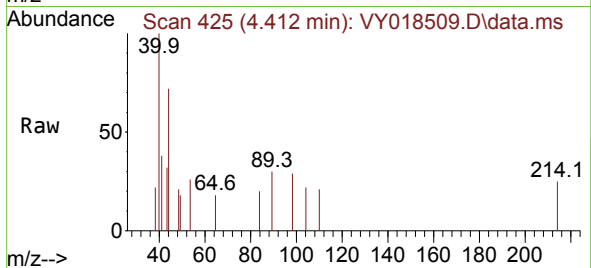
55 0.0 55.7 83.5#



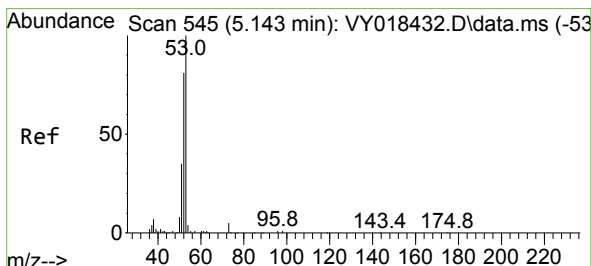
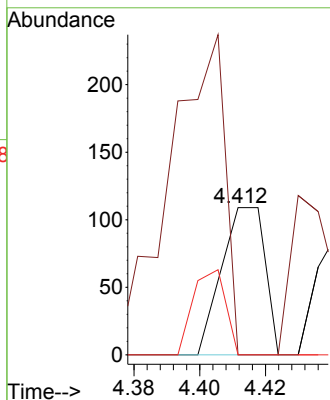
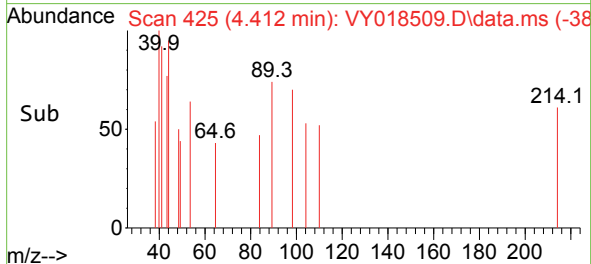


#14
 Allyl chloride
 Concen: 120.547 ug/l
 RT: 4.412 min Scan# 41
 Delta R.T. -0.055 min
 Lab File: VY018509.D
 Acq: 06 Jun 2024 16:51

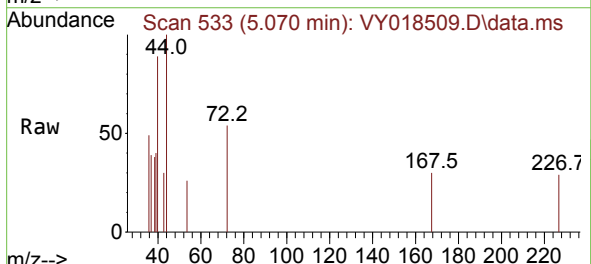
Instrument :
 MSVOA_Y
 ClientSampleId :



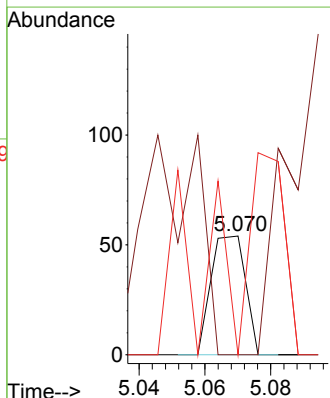
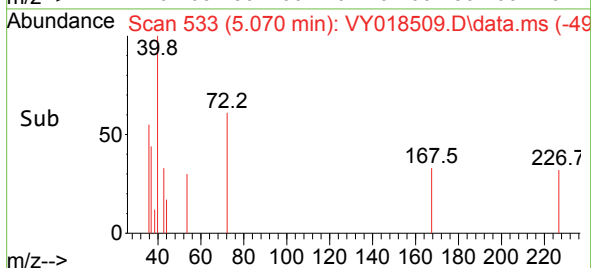
Tgt Ion: 41	Resp: 100
Ion Ratio	Lower Upper
41	100
39	278.0 58.3 87.5#
76	43.0 39.0 58.6

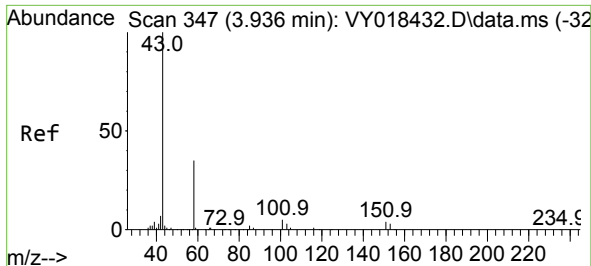


#15
 Acrylonitrile
 Concen: 286.385 ug/l
 RT: 5.070 min Scan# 533
 Delta R.T. -0.073 min
 Lab File: VY018509.D
 Acq: 06 Jun 2024 16:51



Tgt Ion: 53	Resp: 39
Ion Ratio	Lower Upper
53	100
52	0.0 64.7 97.1#
51	243.6 28.4 42.6#

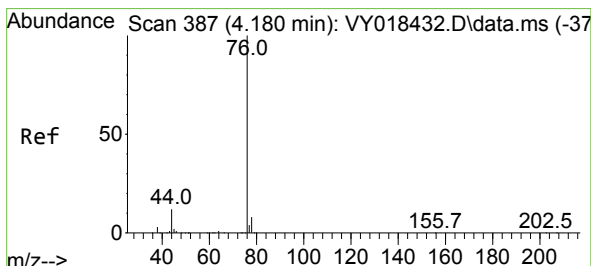
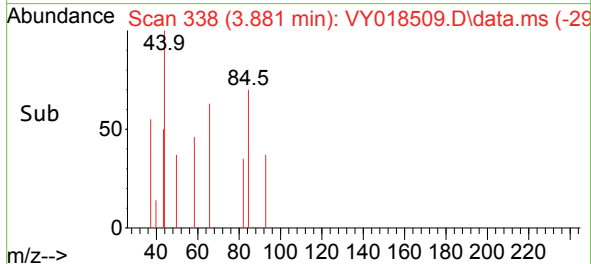
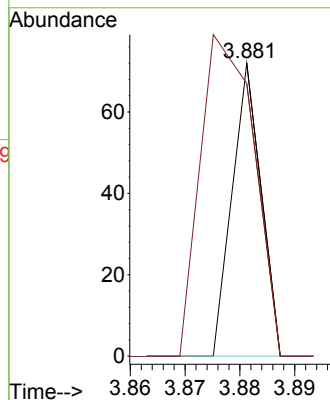
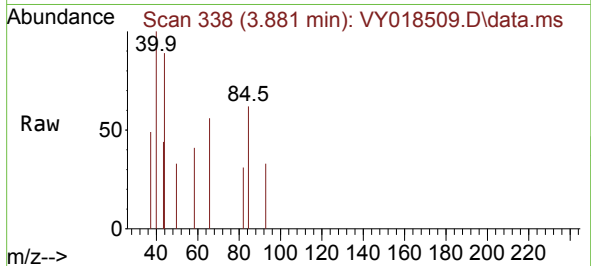




#16
Acetone
Concen: 220.926 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.055 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

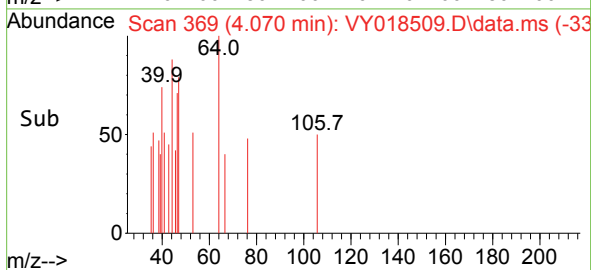
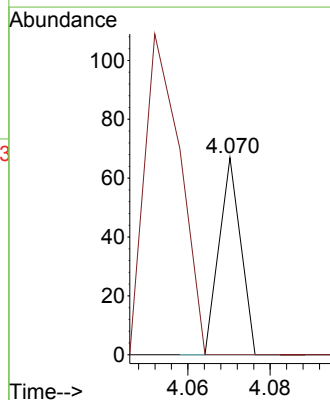
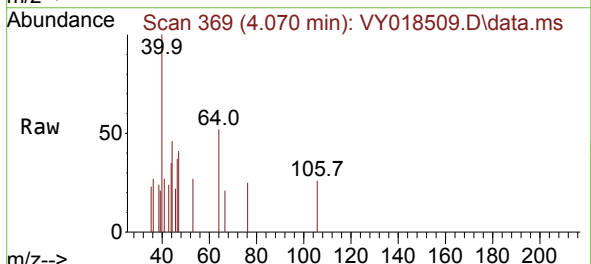
Instrument :
MSVOA_Y
ClientSampleId :

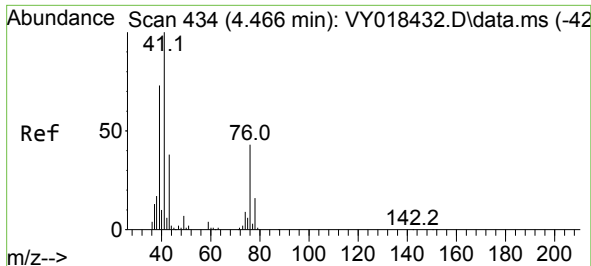
Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
58 93.1 31.7 47.5#



#17
Carbon Disulfide
Concen: 15.046 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.110 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 76 Resp: 25
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#

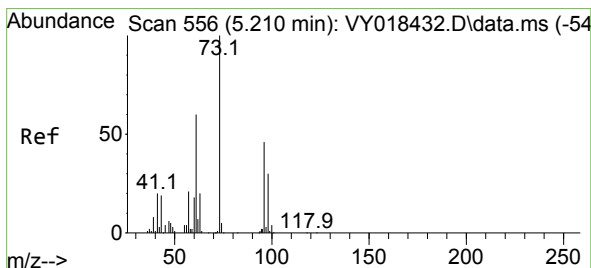
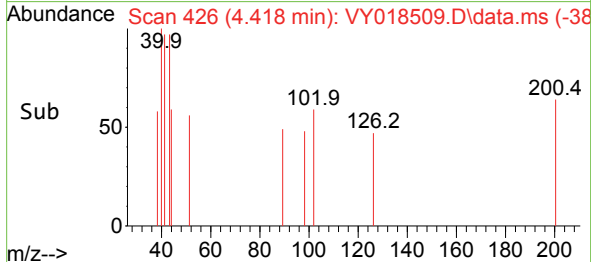
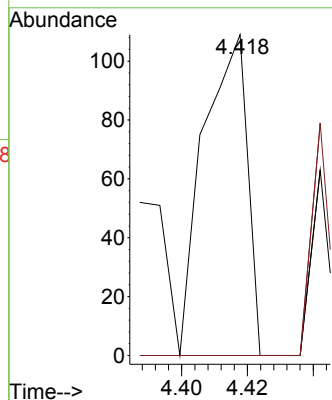
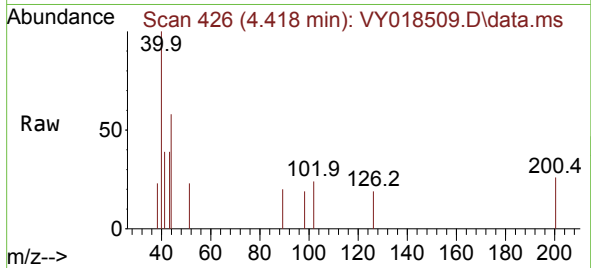




#18
Methyl Acetate
Concen: 343.198 ug/l
RT: 4.418 min Scan# 434
Delta R.T. -0.049 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

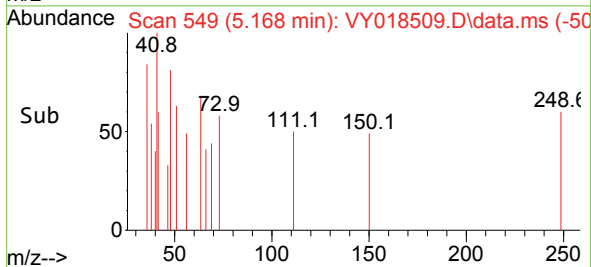
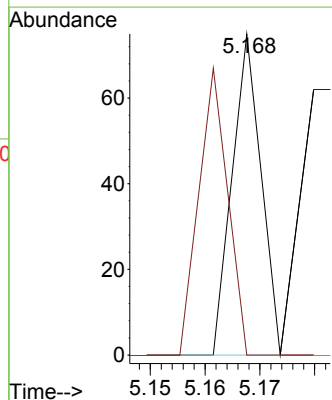
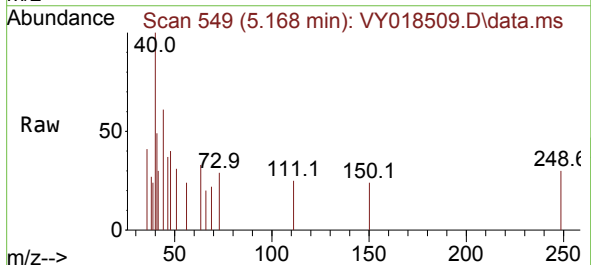
Instrument :
MSVOA_Y
ClientSampleId :

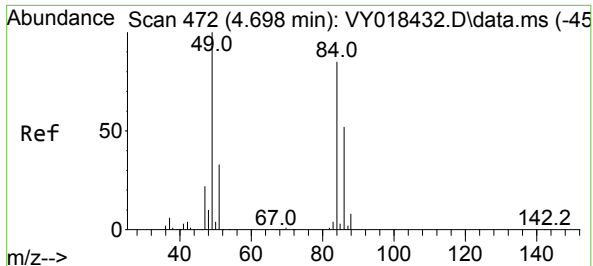
Tgt Ion: 43 Resp: 101
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#19
Methyl tert-butyl Ether
Concen: 19.778 ug/l
RT: 5.168 min Scan# 549
Delta R.T. -0.042 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

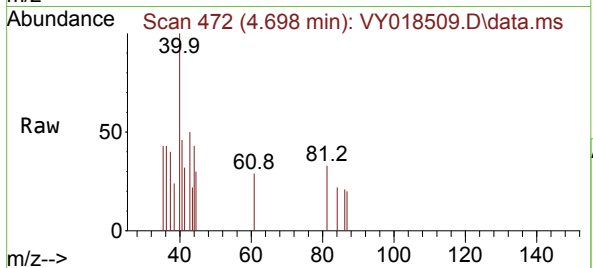
Tgt Ion: 73 Resp: 27
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



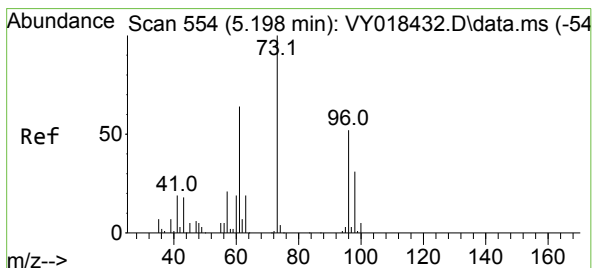
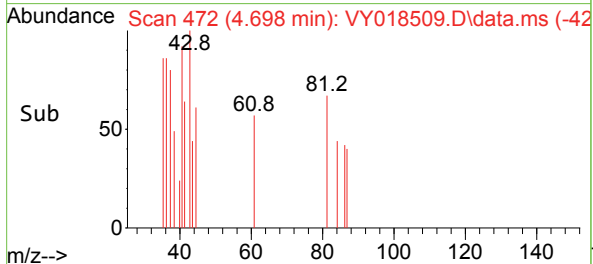
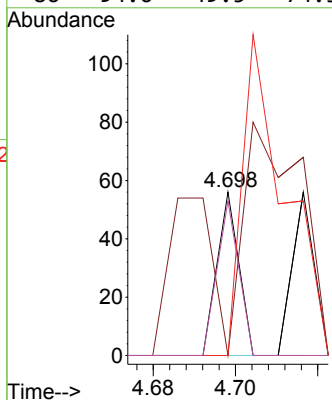


#20
Methylene Chloride
Concen: 28.636 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

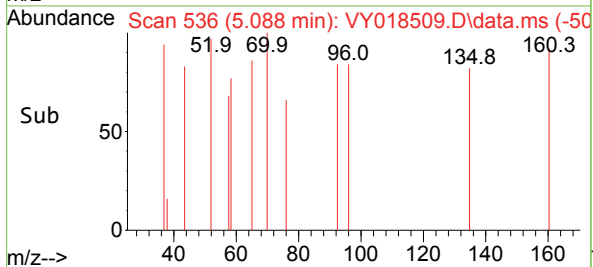
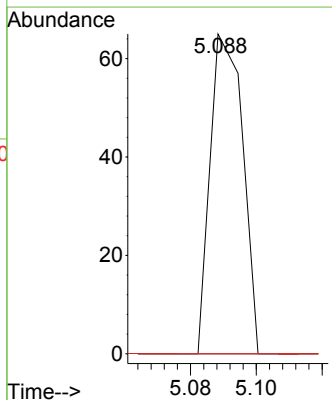
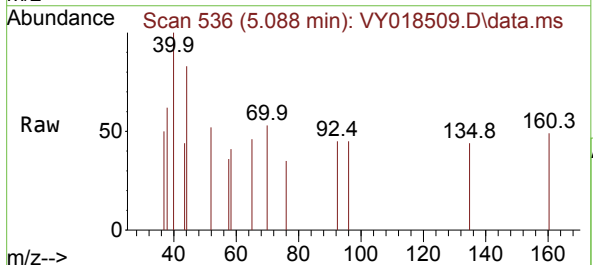


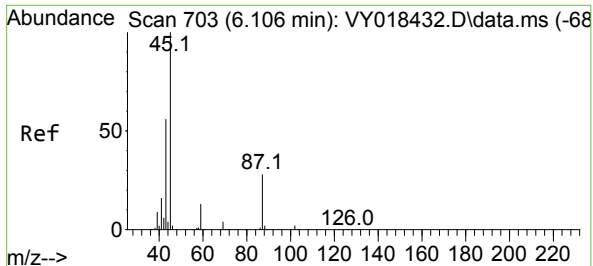
Tgt Ion:	84	Resp:	20
Ion	Ratio	Lower	Upper
84	100		
49	0.0	84.4	126.6#
51	0.0	26.0	39.0#
86	94.6	49.5	74.3#



#21
trans-1,2-Dichloroethene
Concen: 74.446 ug/l
RT: 5.088 min Scan# 536
Delta R.T. -0.110 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

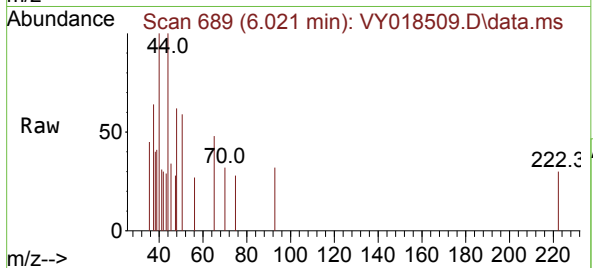
Tgt Ion:	96	Resp:	45
Ion	Ratio	Lower	Upper
96	100		
61	0.0	97.5	146.3#
98	0.0	50.5	75.7#



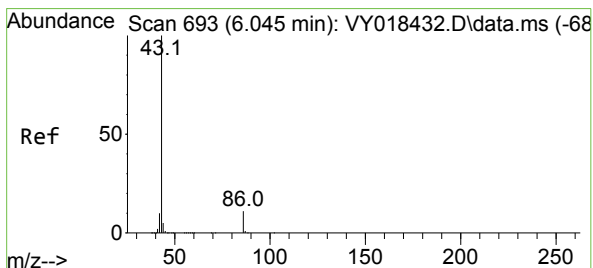
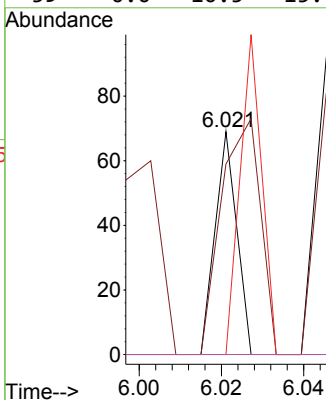
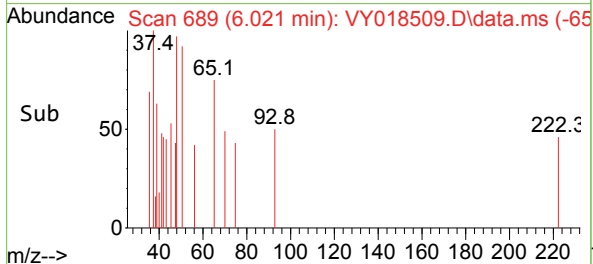


#22
Diisopropyl ether
Concen: 14.798 ug/l
RT: 6.021 min Scan# 61
Delta R.T. -0.085 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

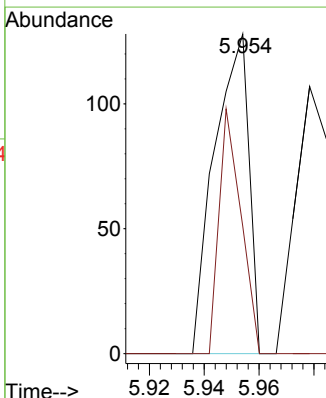
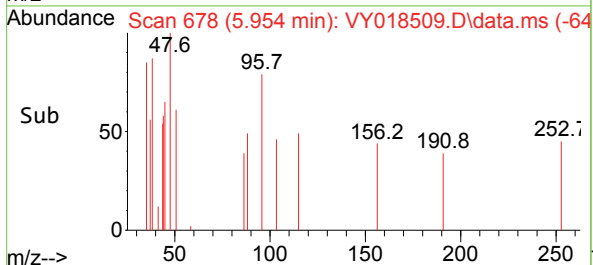
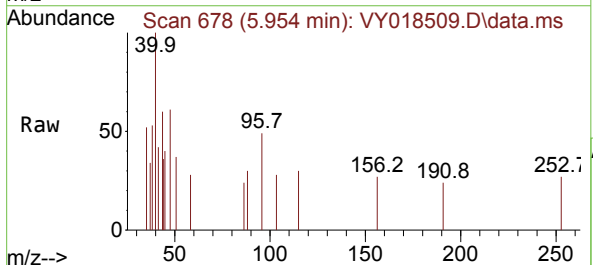


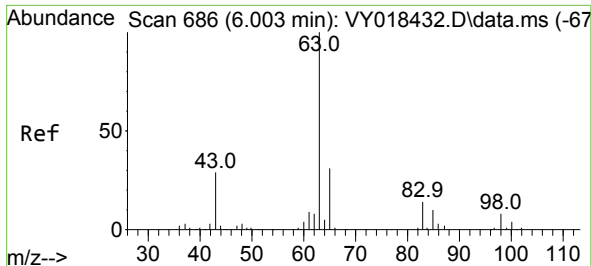
Tgt Ion:	45	Resp:	25
Ion	Ratio	Lower	Upper
45	100		
43	85.5	42.2	63.2#
87	0.0	25.0	37.6#
59	0.0	10.5	15.7#



#23
Vinyl Acetate
Concen: 101.868 ug/l
RT: 5.954 min Scan# 678
Delta R.T. -0.091 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion:	43	Resp:	112
Ion	Ratio	Lower	Upper
43	100		
86	39.8	10.6	16.0#

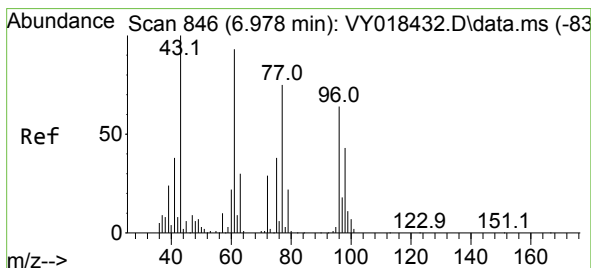
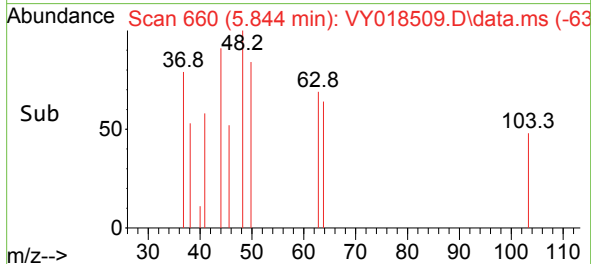
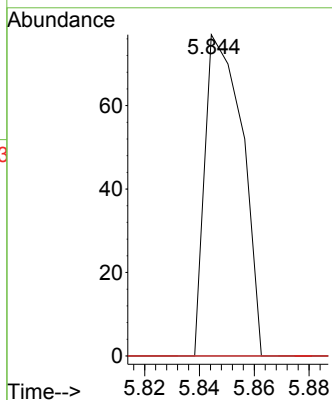
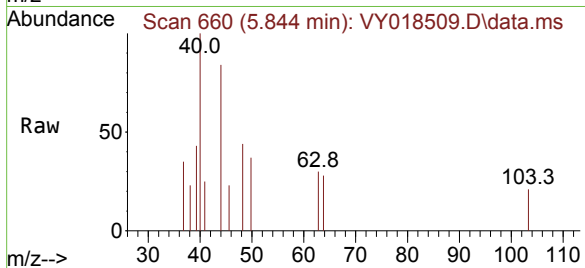




#24
1,1-Dichloroethane
Concen: 69.278 ug/l
RT: 5.844 min Scan# 60
Delta R.T. -0.158 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

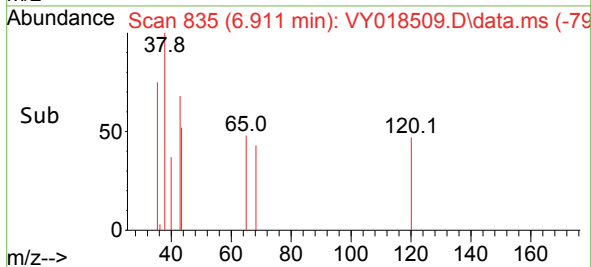
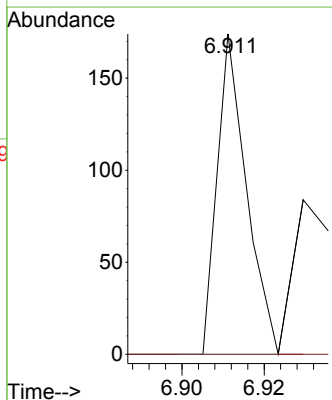
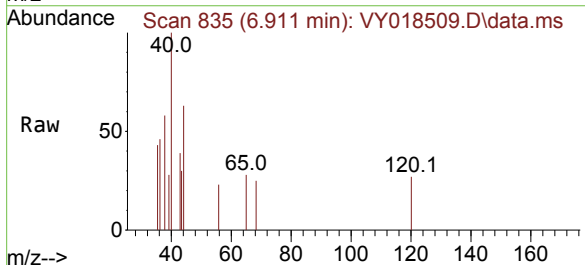
Instrument :
MSVOA_Y
ClientSampleId :

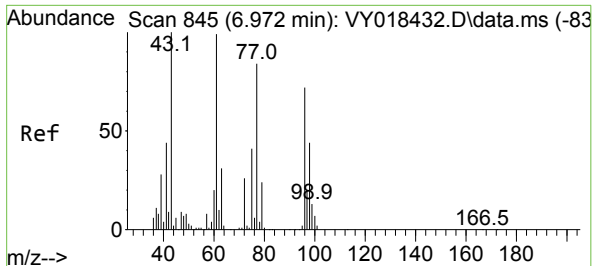
Tgt Ion: 63 Resp: 73
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 477.010 ug/l
RT: 6.911 min Scan# 835
Delta R.T. -0.067 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 43 Resp: 86
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 24.834 ug/l

RT: 6.826 min Scan# 81

Delta R.T. -0.146 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

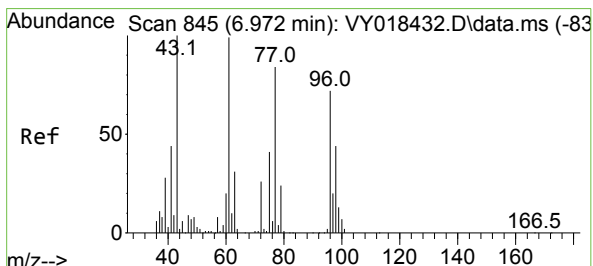
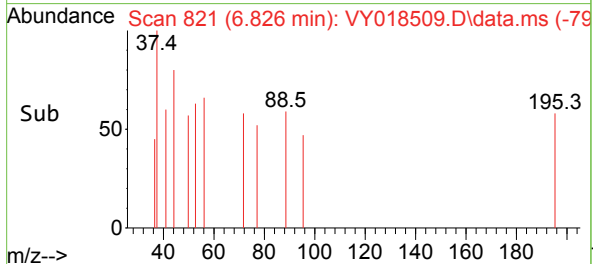
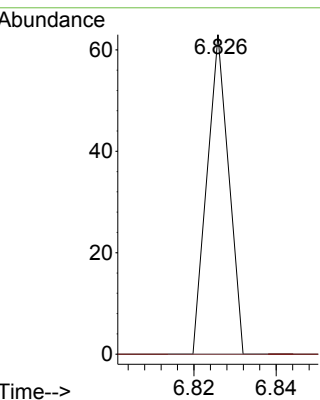
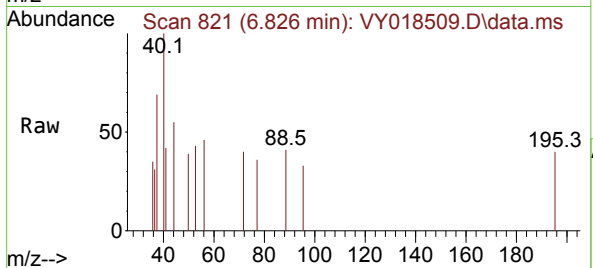
ClientSampleId :

Tgt Ion: 77 Resp: 23

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#27

cis-1,2-Dichloroethene

Concen: 28.444 ug/l

RT: 6.606 min Scan# 785

Delta R.T. -0.366 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

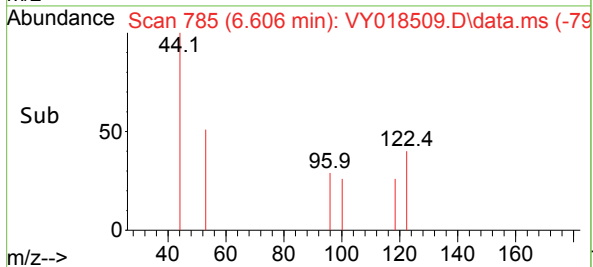
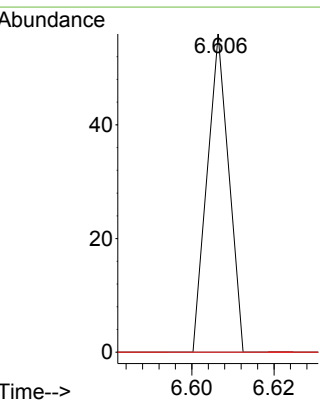
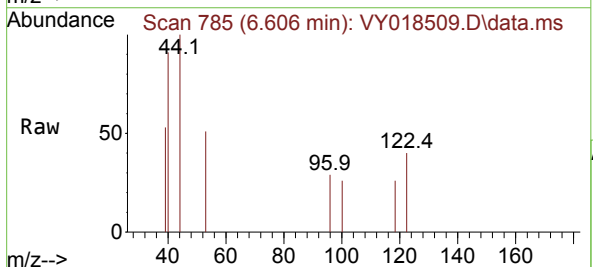
Tgt Ion: 96 Resp: 20

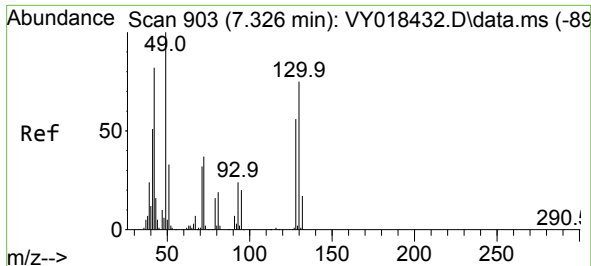
Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

98 0.0 0.0 130.0

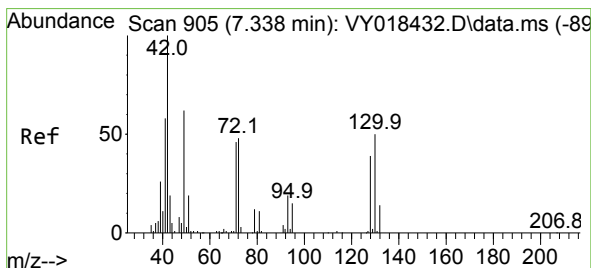
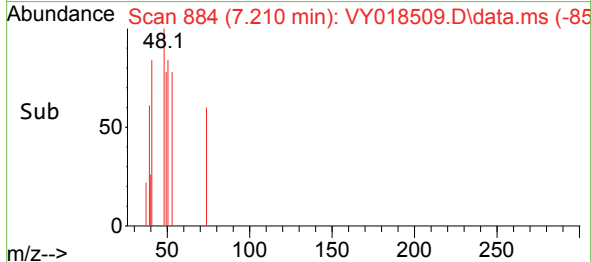
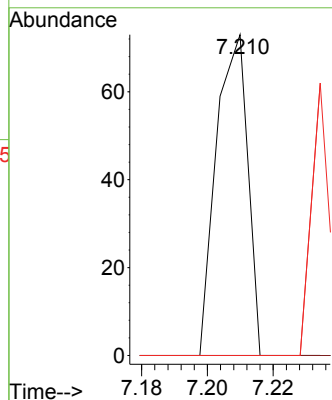
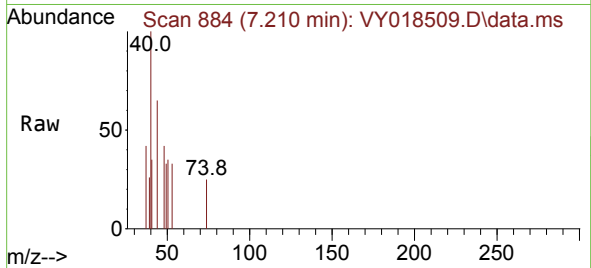




#28
Bromochloromethane
Concen: 98.988 ug/l
RT: 7.210 min Scan# 884
Delta R.T. -0.116 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

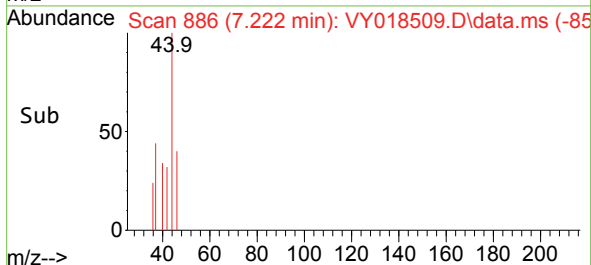
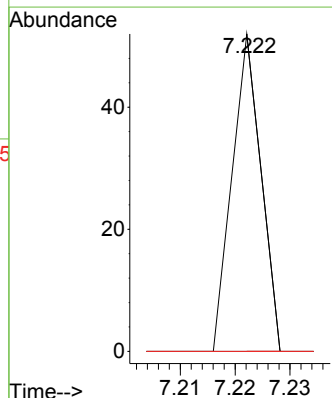
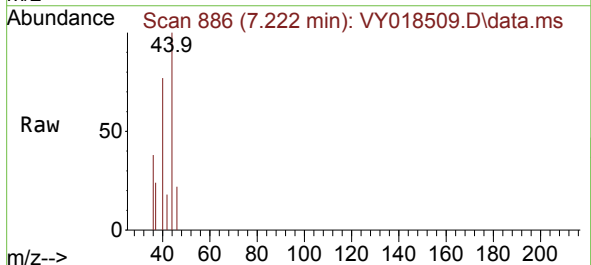
Instrument :
MSVOA_Y
ClientSampleId :

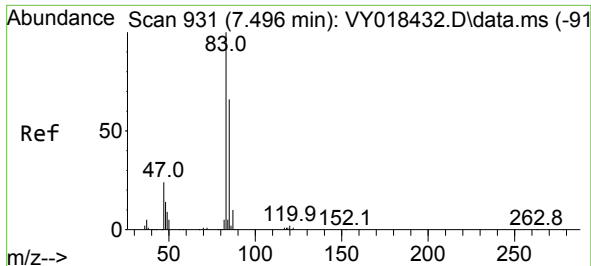
Tgt Ion: 49 Resp: 48
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#29
Tetrahydrofuran
Concen: 162.273 ug/l
RT: 7.222 min Scan# 886
Delta R.T. -0.116 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

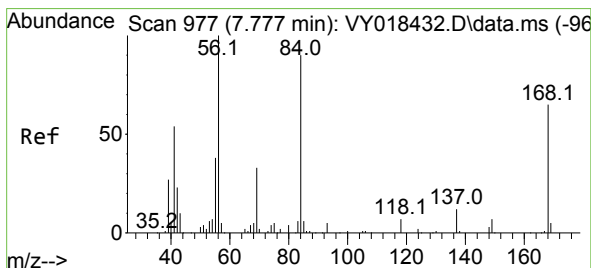
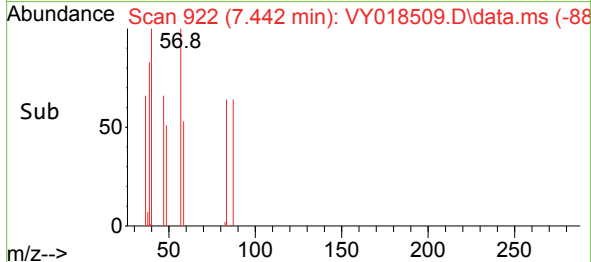
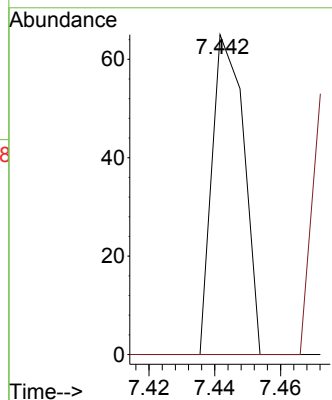
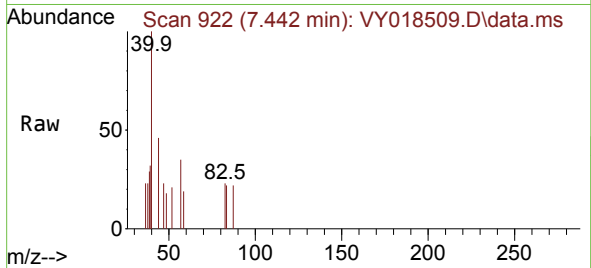




#30
Chloroform
Concen: 41.633 ug/l
RT: 7.442 min Scan# 91
Delta R.T. -0.055 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

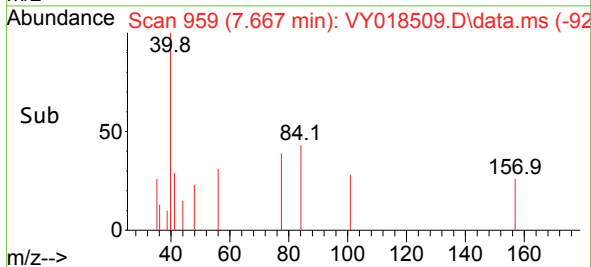
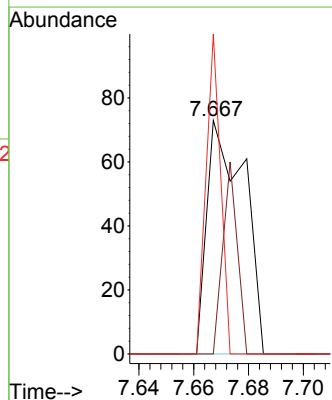
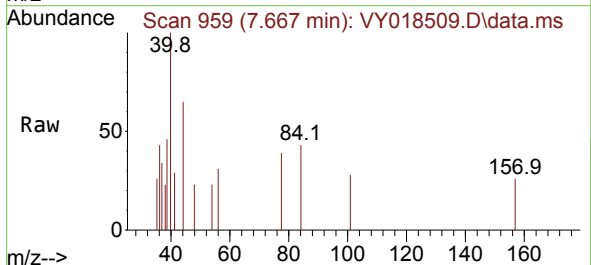
Instrument :
MSVOA_Y
ClientSampleId :

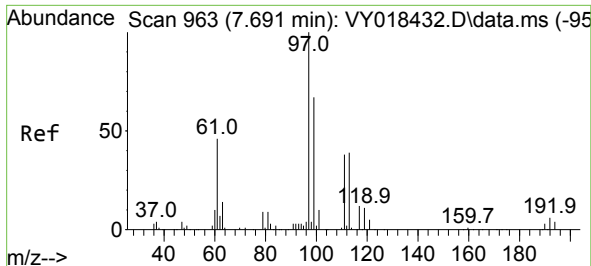
Tgt Ion: 83 Resp: 44
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 69.794 ug/l
RT: 7.667 min Scan# 959
Delta R.T. -0.110 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

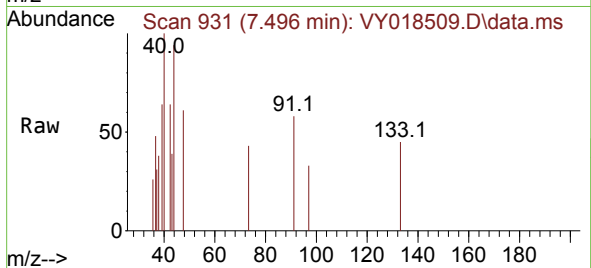
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 137.0 77.7 116.5#



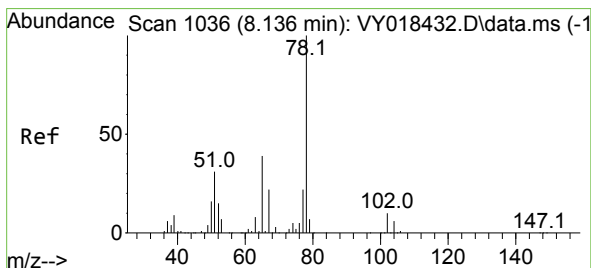
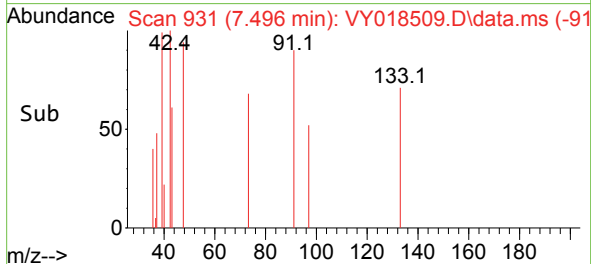
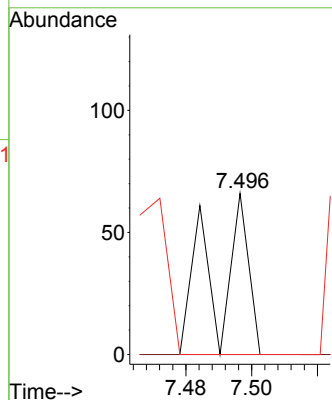


#32
1,1,1-Trichloroethane
Concen: 49.695 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.195 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

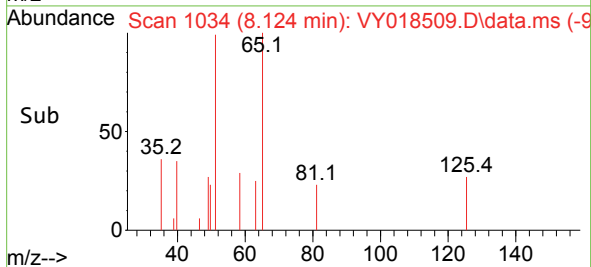
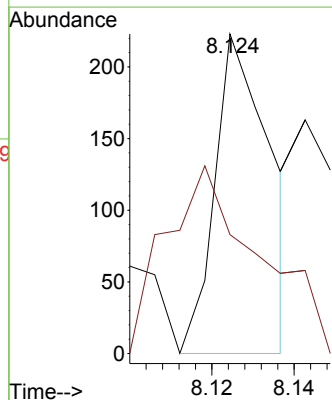
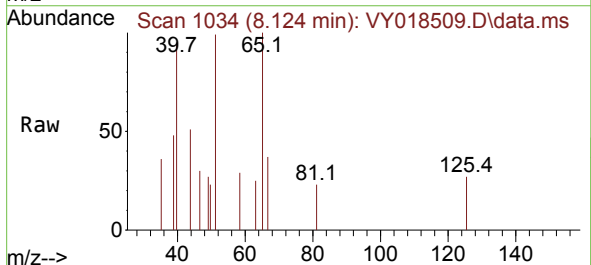


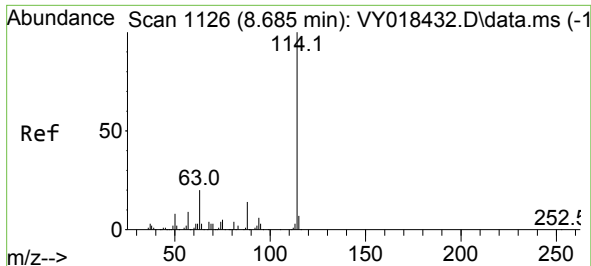
Tgt Ion: 97 Resp: 46
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 32.6 48.8#



#33
1,2-Dichloroethane-d4
Concen: 396.049 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.012 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 65 Resp: 210
Ion Ratio Lower Upper
65 100
67 98.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.673 min Scan# 1124

Delta R.T. -0.012 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

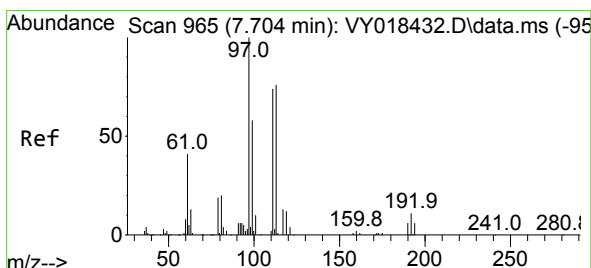
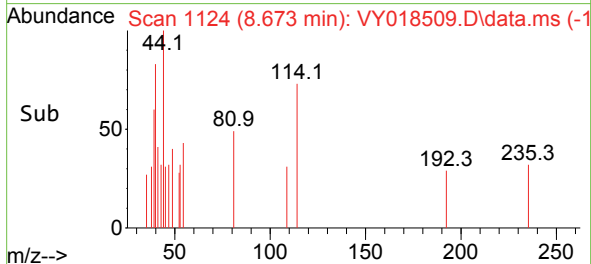
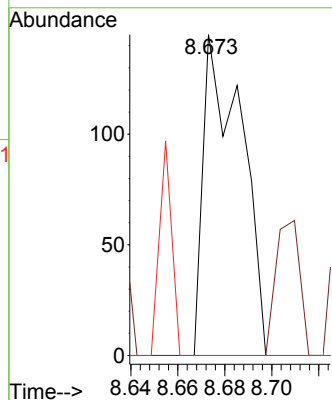
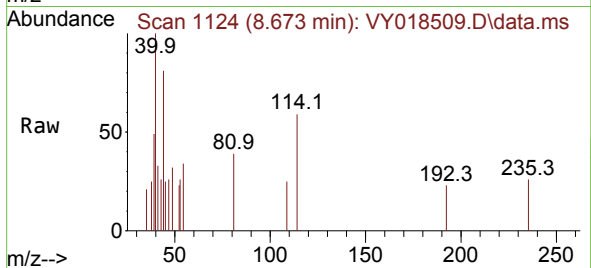
Tgt Ion:114 Resp: 163

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.0

88 0.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 75.474 ug/l

RT: 7.692 min Scan# 963

Delta R.T. -0.012 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

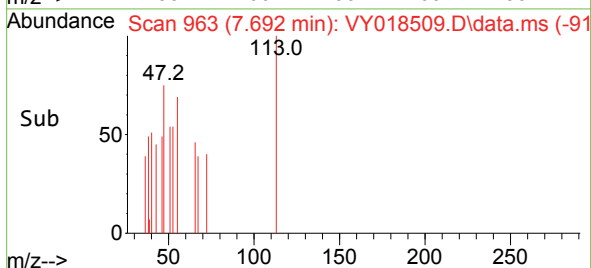
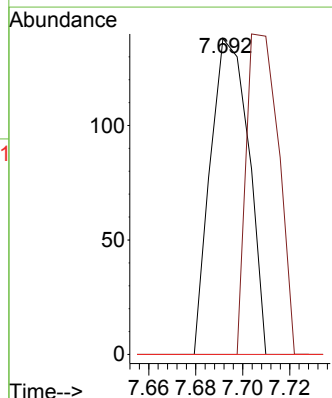
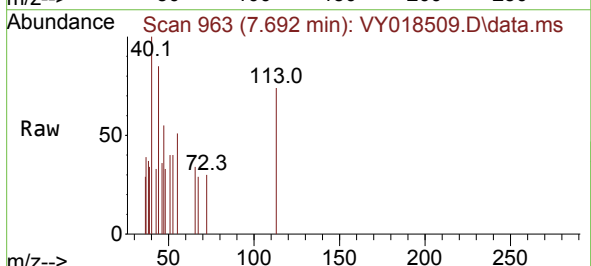
Tgt Ion:113 Resp: 156

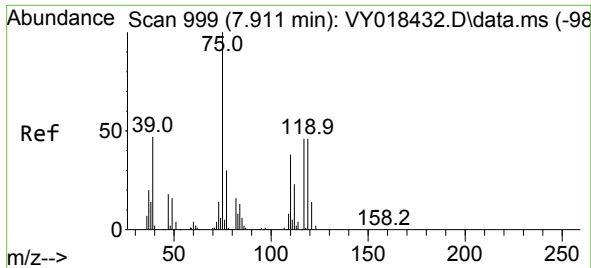
Ion Ratio Lower Upper

113 100

111 85.9 82.2 123.4

192 0.0 15.9 23.9#

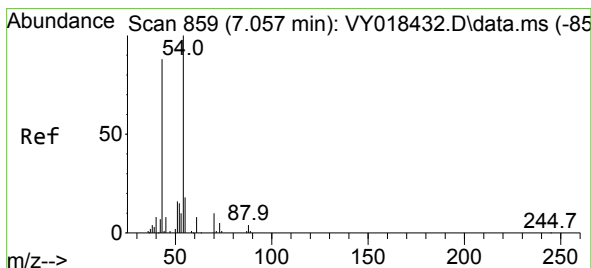
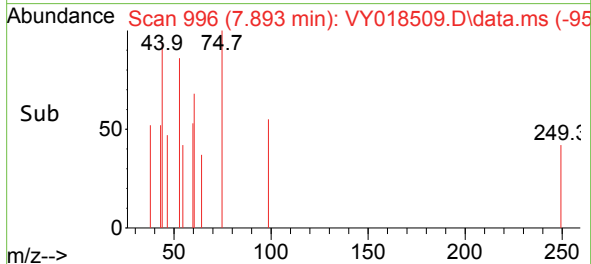
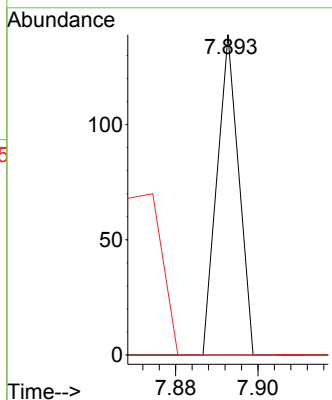
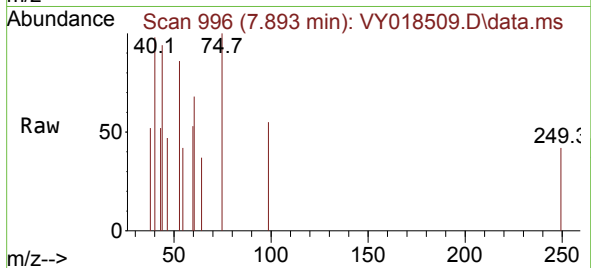




#36
1,1-Dichloropropene
Concen: 16.182 ug/l
RT: 7.893 min Scan# 999
Delta R.T. -0.018 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

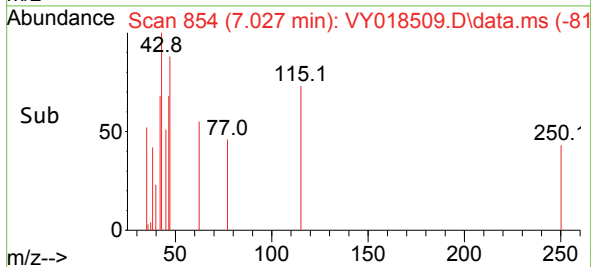
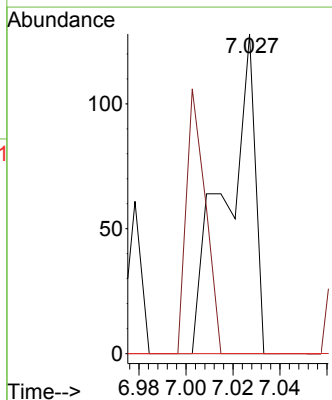
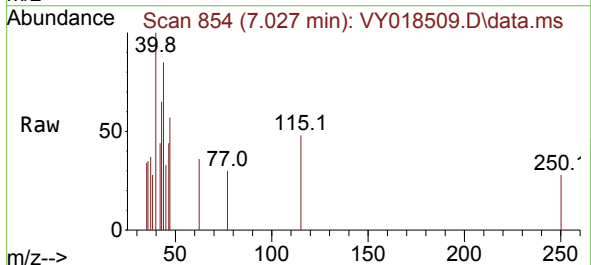
Instrument :
MSVOA_Y
ClientSampleId :

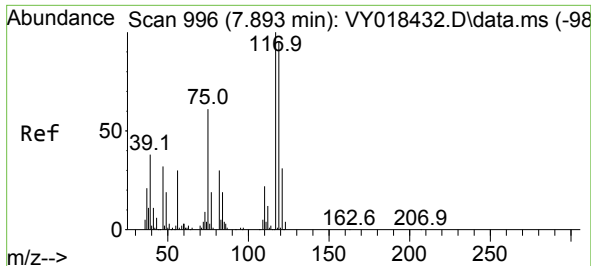
Tgt Ion: 75 Resp: 51
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 100.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 71.772 ug/l
RT: 7.027 min Scan# 854
Delta R.T. -0.030 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

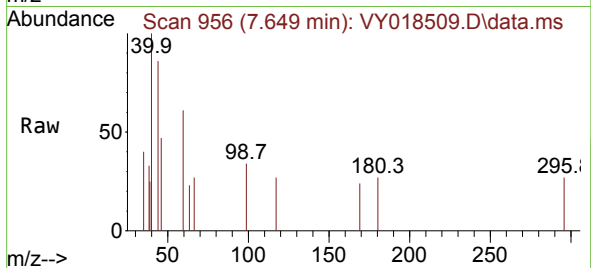
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



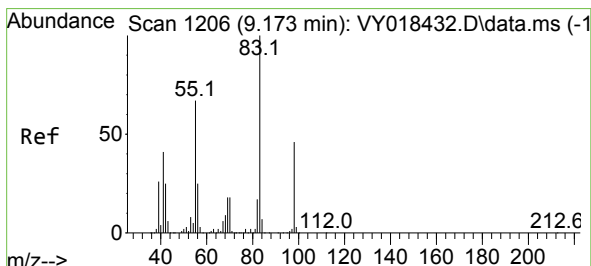
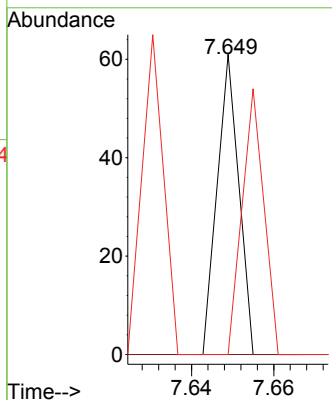
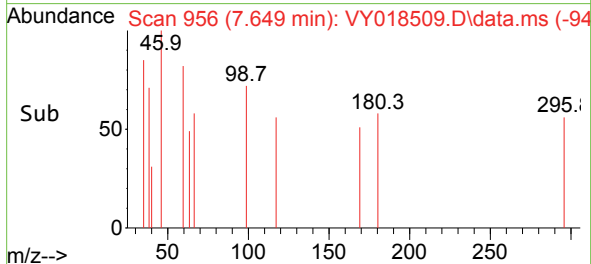


#38
Carbon Tetrachloride
Concen: 6.966 ug/l
RT: 7.649 min Scan# 91
Delta R.T. -0.244 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

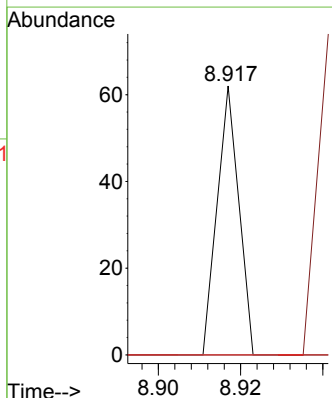
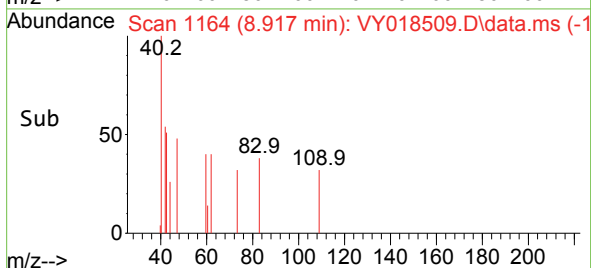
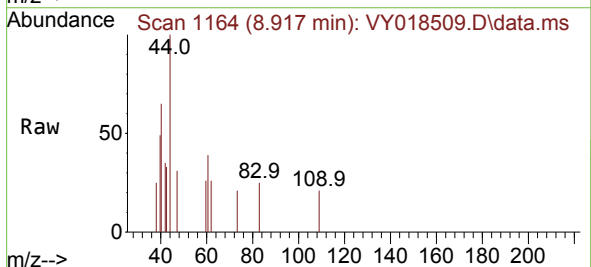


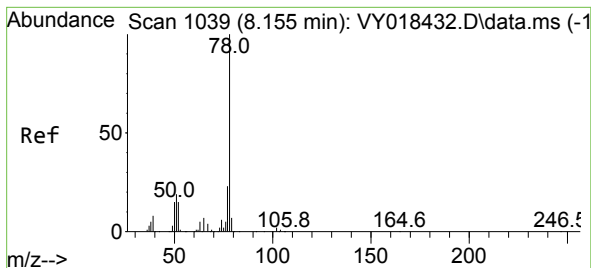
Tgt Ion:117 Resp: 22
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 5.398 ug/l
RT: 8.917 min Scan# 1164
Delta R.T. -0.256 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
55 0.0 51.5 77.3#
98 0.0 40.5 60.7#





#40

Benzene

Concen: 4.977 ug/l

RT: 8.246 min Scan# 1039

Delta R.T. 0.092 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

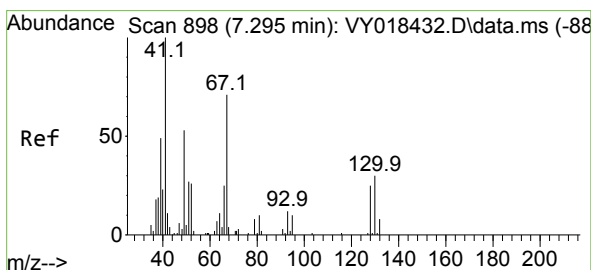
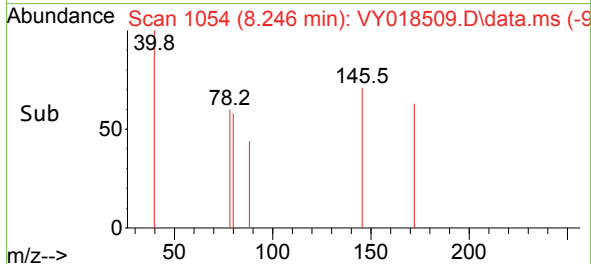
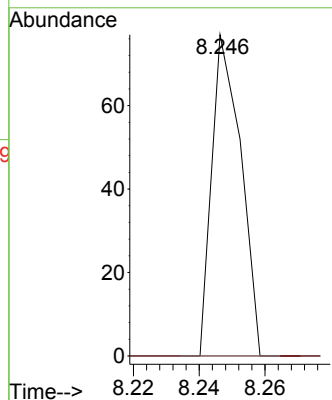
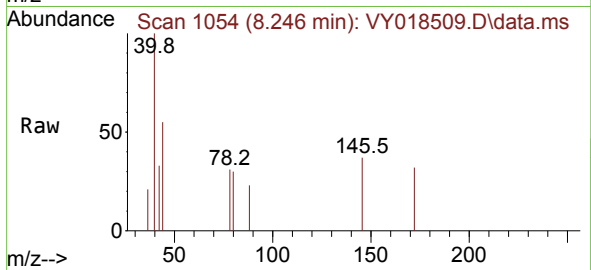
ClientSampleId :

Tgt Ion: 78 Resp: 47

Ion Ratio Lower Upper

78 100

77 0.0 19.5 29.3#



#41

Methacrylonitrile

Concen: 77.041 ug/l

RT: 7.277 min Scan# 895

Delta R.T. -0.018 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Tgt Ion: 41 Resp: 59

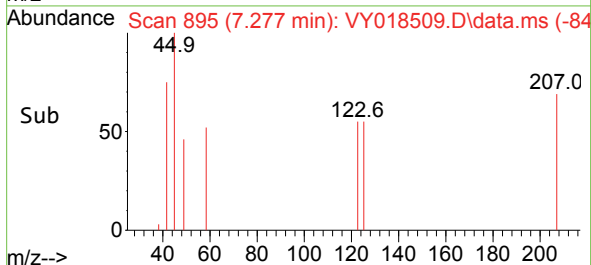
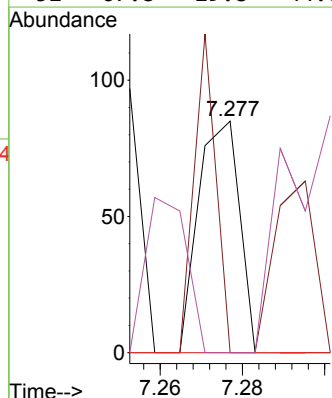
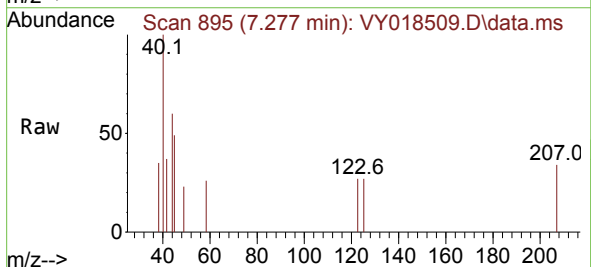
Ion Ratio Lower Upper

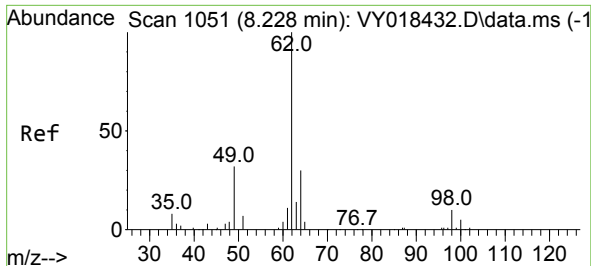
41 100

39 72.9 48.0 72.0#

67 0.0 75.1 112.7#

52 67.8 29.8 44.6#





#42

1,2-Dichloroethane

Concen: 8.276 ug/l

RT: 8.210 min Scan# 1048

Delta R.T. -0.018 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

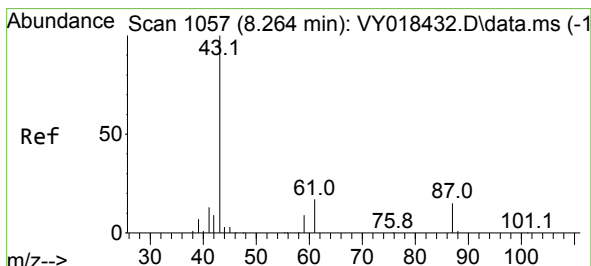
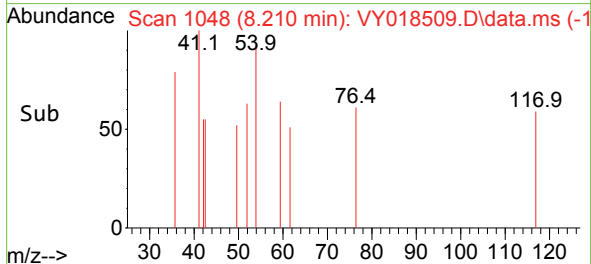
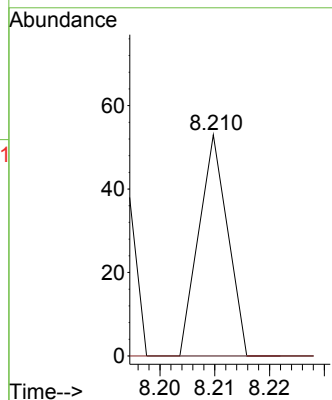
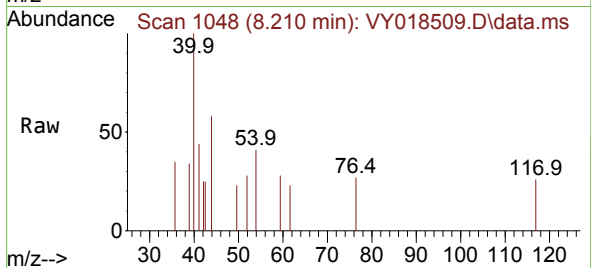
ClientSampleId :

Tgt Ion: 62 Resp: 19

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 28.194 ug/l

RT: 8.295 min Scan# 1062

Delta R.T. 0.031 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

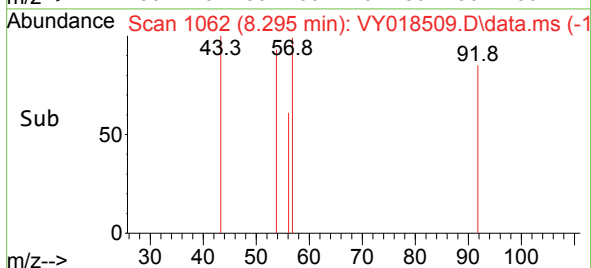
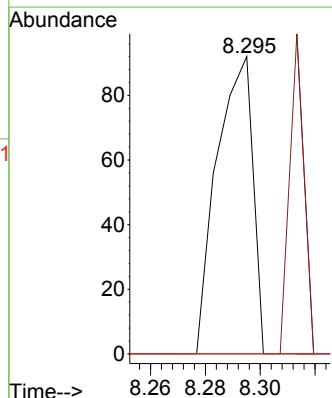
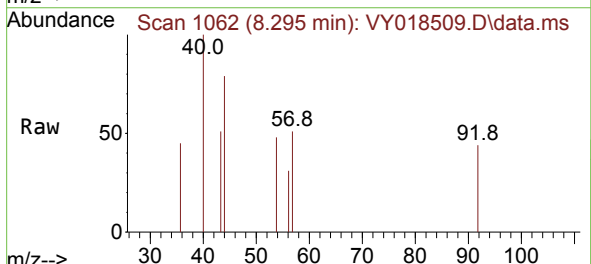
Tgt Ion: 43 Resp: 83

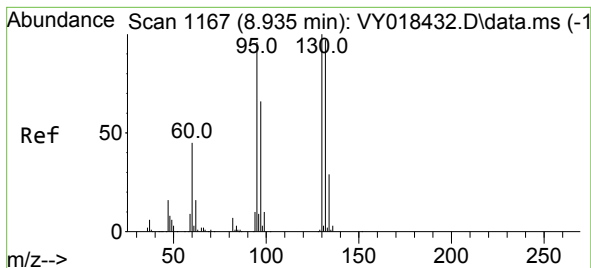
Ion Ratio Lower Upper

43 100

61 43.4 27.9 41.9#

87 0.0 13.1 19.7#





#44

Trichloroethene

Concen: 11.538 ug/l

RT: 8.862 min Scan# 1155

Delta R.T. -0.073 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

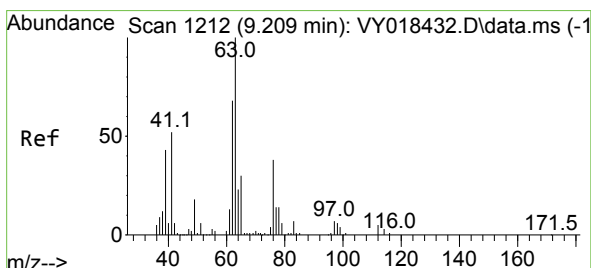
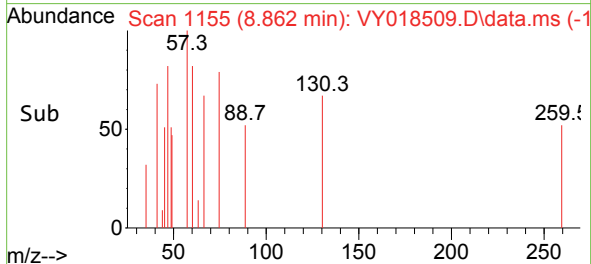
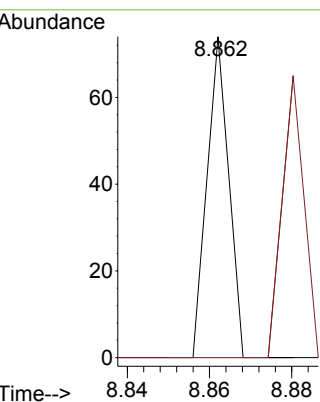
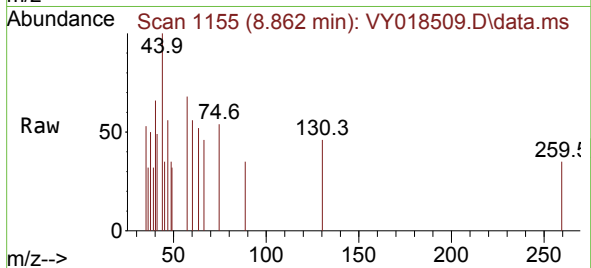
ClientSampleId :

Tgt Ion:130 Resp: 27

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.0



#45

1,2-Dichloropropane

Concen: 11.113 ug/l

RT: 9.271 min Scan# 1222

Delta R.T. 0.061 min

Lab File: VY018509.D

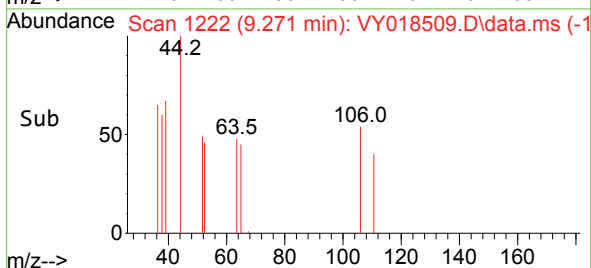
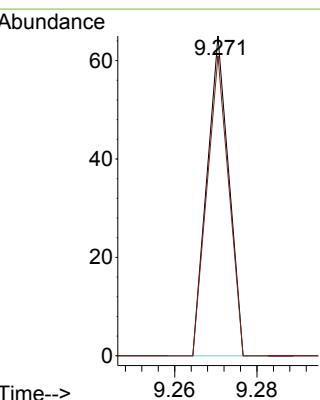
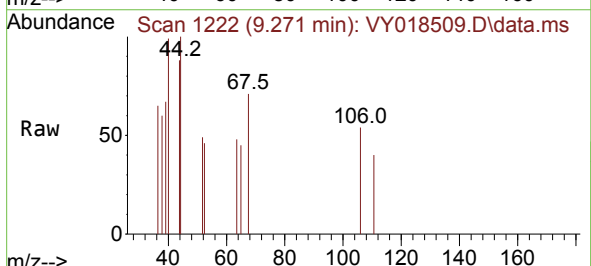
Acq: 06 Jun 2024 16:51

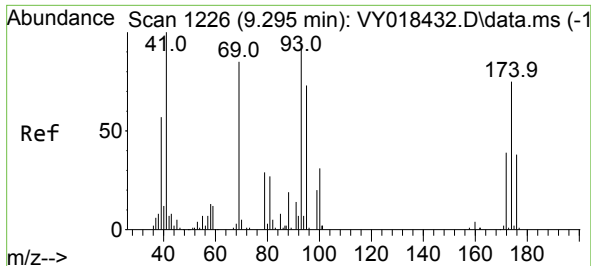
Tgt Ion: 63 Resp: 24

Ion Ratio Lower Upper

63 100

65 93.8 25.4 38.2#

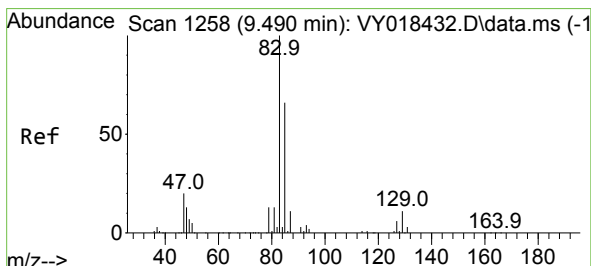
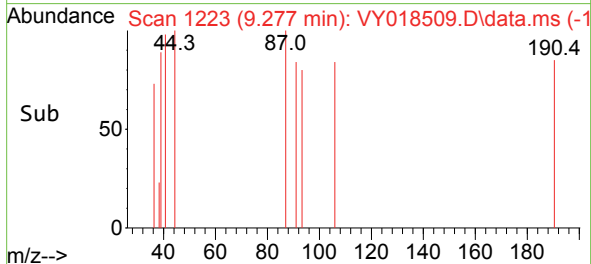
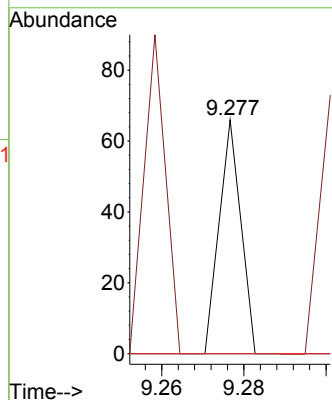
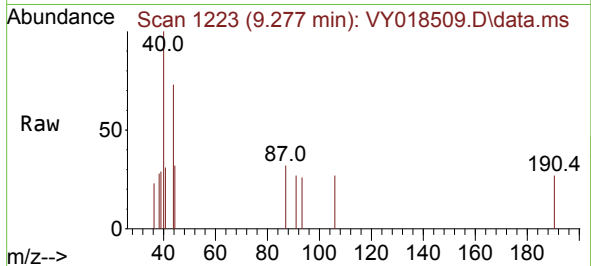




#46
Dibromomethane
Concen: 19.383 ug/l
RT: 9.277 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

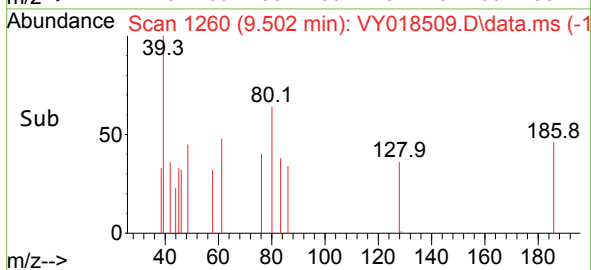
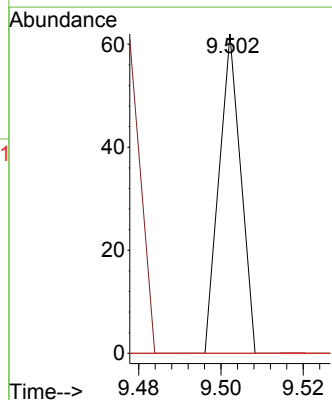
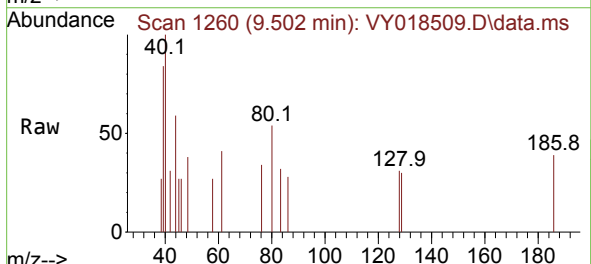
Instrument :
MSVOA_Y
ClientSampleId :

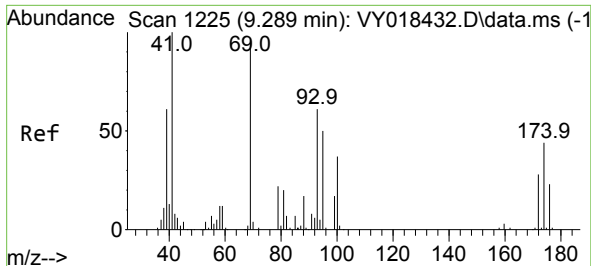
Tgt Ion: 93 Resp: 24
Ion Ratio Lower Upper
93 100
95 137.5 66.2 99.4#
174 0.0 80.9 121.3#



#47
Bromodichloromethane
Concen: 7.738 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

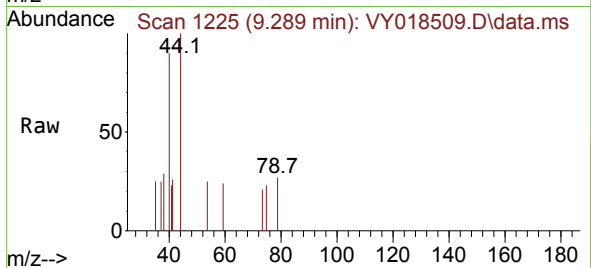
Tgt Ion: 83 Resp: 23
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



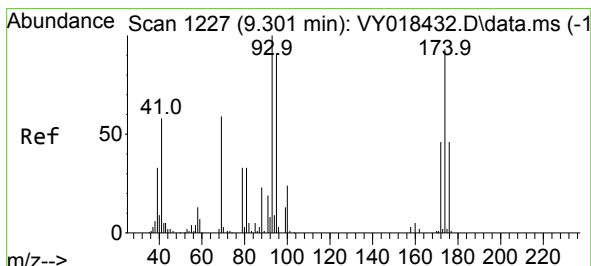
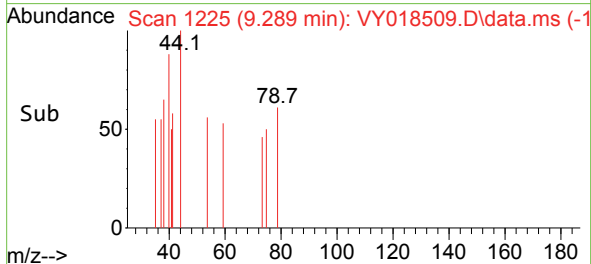
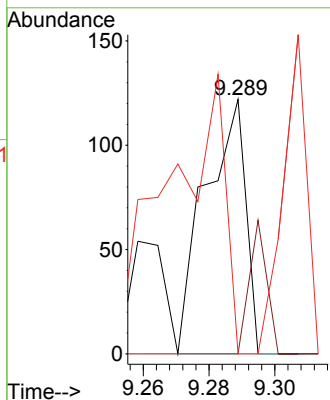


#48
Methyl methacrylate
Concen: 76.783 ug/l
RT: 9.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

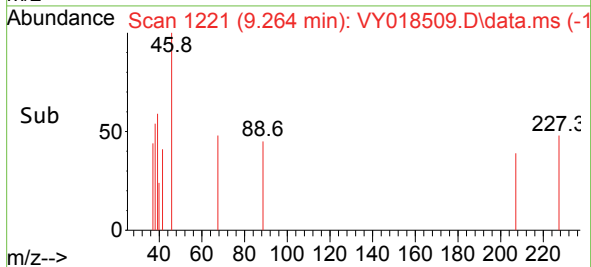
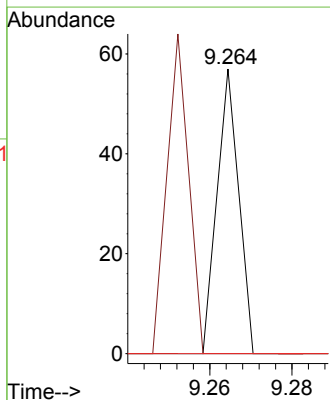
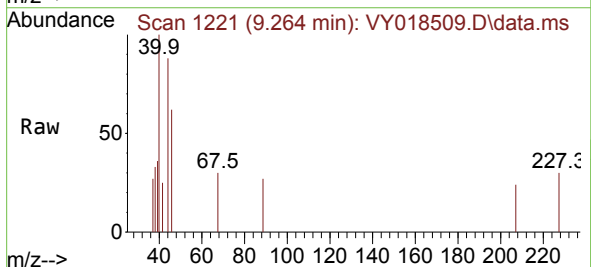


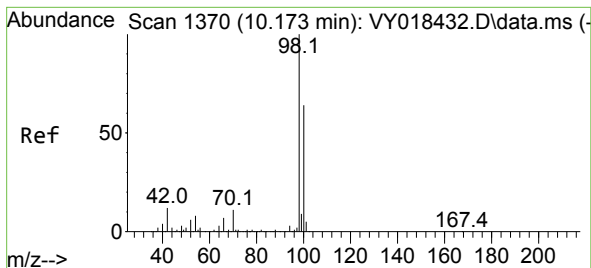
Tgt Ion: 41 Resp: 104
Ion Ratio Lower Upper
41 100
69 22.1 84.1 126.1#
39 156.7 43.6 65.4#



#49
1,4-Dioxane
Concen: 1291.542 ug/l
RT: 9.264 min Scan# 1221
Delta R.T. -0.036 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 109.5 0.0 0.0#
58 0.0 49.3 73.9#

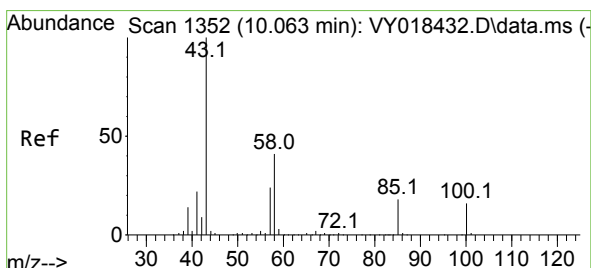
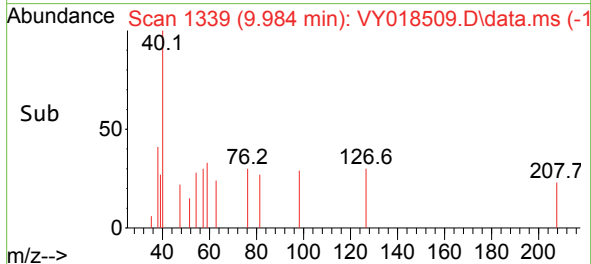
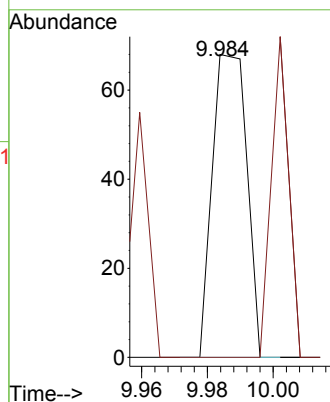
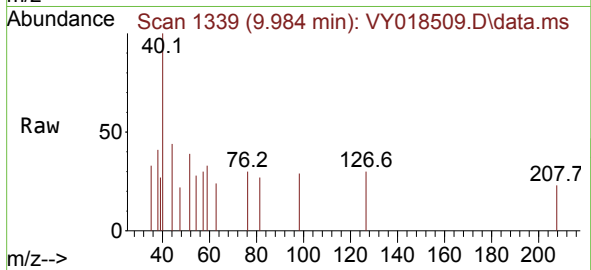




#50
Toluene-d8
Concen: 5.959 ug/l
RT: 9.984 min Scan# 11
Delta R.T. -0.189 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

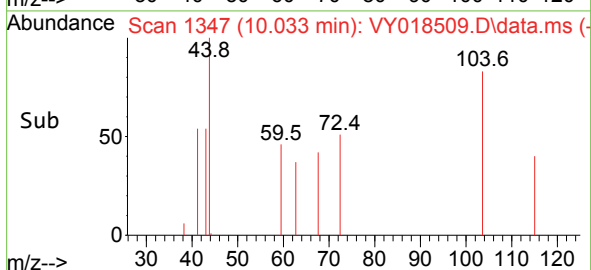
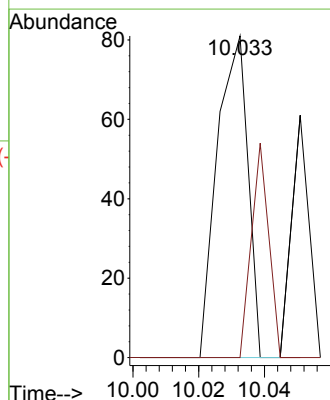
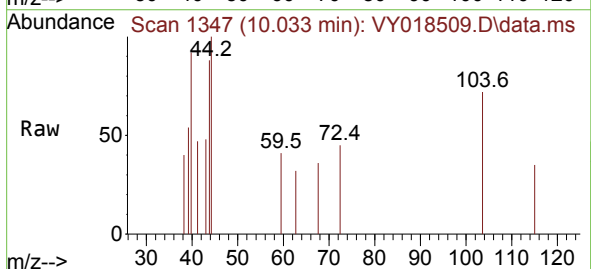
Instrument :
MSVOA_Y
ClientSampleId :

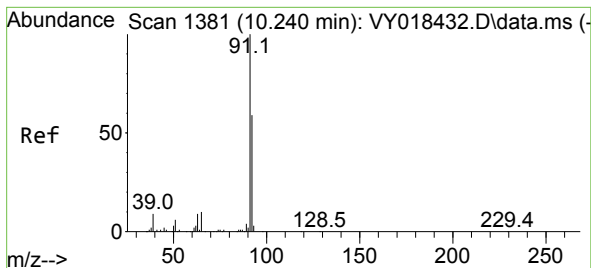
Tgt Ion: 98 Resp: 49
Ion Ratio Lower Upper
98 100
100 53.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 34.017 ug/l
RT: 10.033 min Scan# 1347
Delta R.T. -0.030 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 38.5 35.7 53.5





#52

Toluene

Concen: 3.271 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.164 min

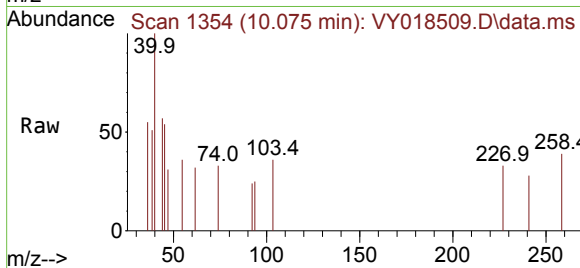
Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

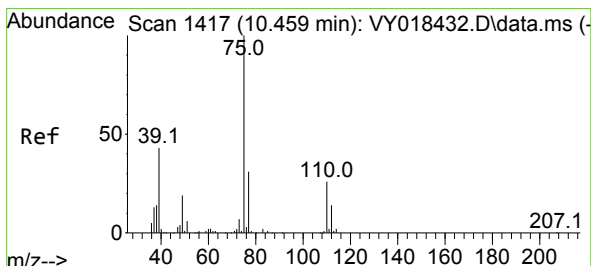
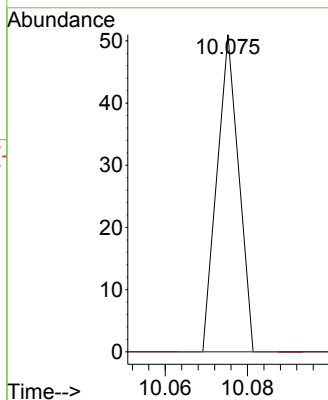
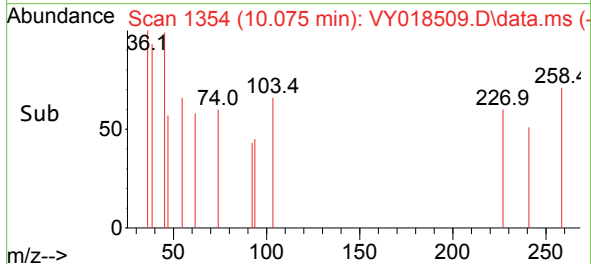


Tgt Ion: 92 Resp: 19

Ion Ratio Lower Upper

92 100

91 0.0 139.0 208.6#



#53

t-1,3-Dichloropropene

Concen: 8.427 ug/l

RT: 10.539 min Scan# 1430

Delta R.T. 0.079 min

Lab File: VY018509.D

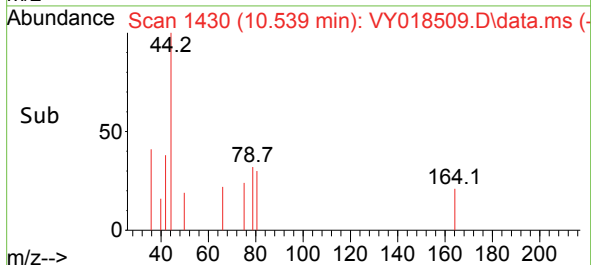
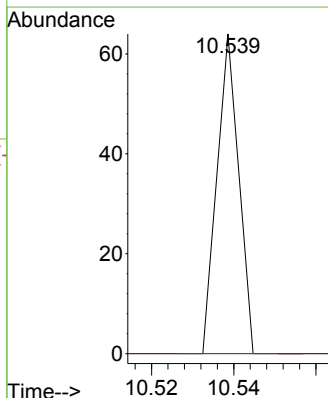
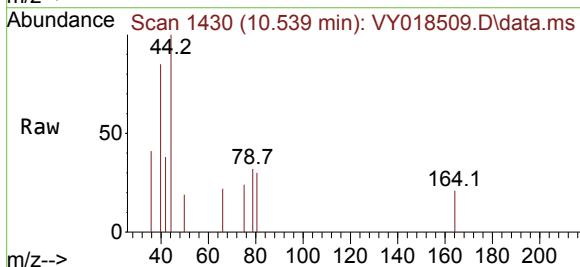
Acq: 06 Jun 2024 16:51

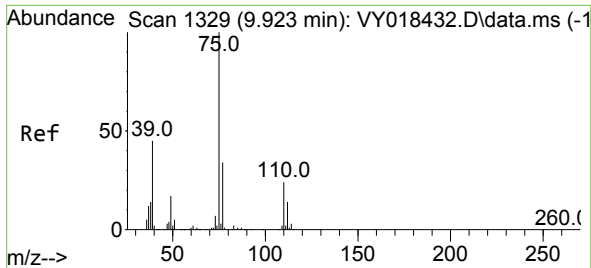
Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

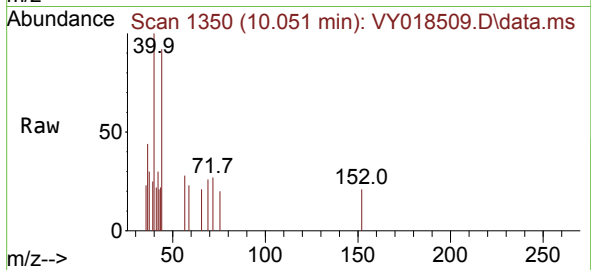
77 0.0 24.1 36.1#



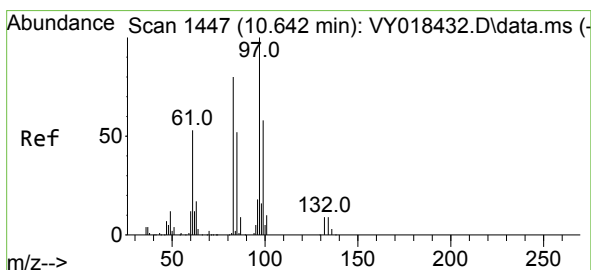
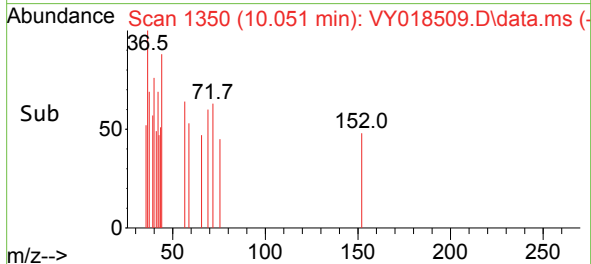
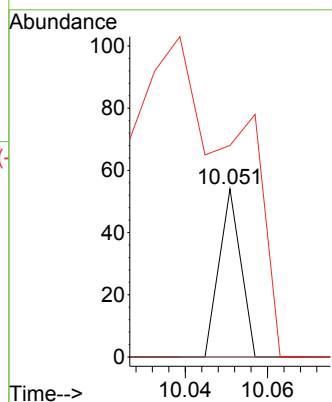


#54
 cis-1,3-Dichloropropene
 Concen: 5.951 ug/l
 RT: 10.051 min Scan# 11
 Delta R.T. 0.128 min
 Lab File: VY018509.D
 Acq: 06 Jun 2024 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :

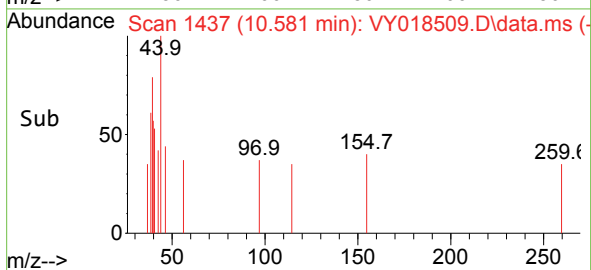
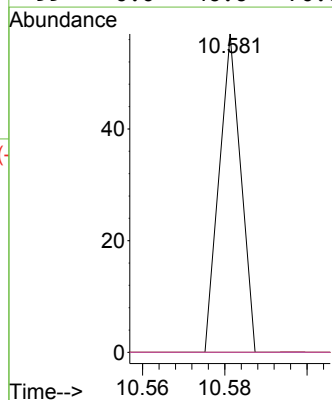
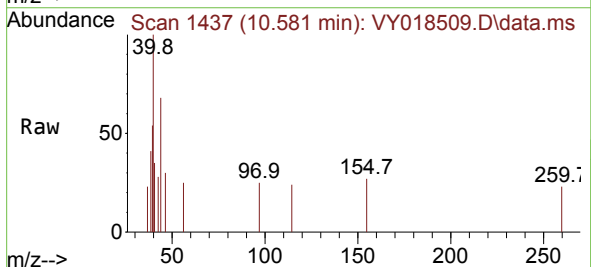


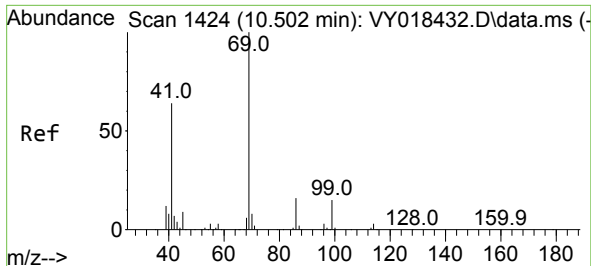
Tgt Ion: 75	Resp: 20
Ion Ratio	Lower Upper
75	100
77	0.0 25.4 38.0#
39	125.9 29.8 44.6#



#55
 1,1,2-Trichloroethane
 Concen: 13.036 ug/l
 RT: 10.581 min Scan# 1437
 Delta R.T. -0.061 min
 Lab File: VY018509.D
 Acq: 06 Jun 2024 16:51

Tgt Ion: 97	Resp: 21
Ion Ratio	Lower Upper
97	100
83	0.0 67.5 101.3#
85	0.0 42.9 64.3#
99	0.0 46.6 70.0#

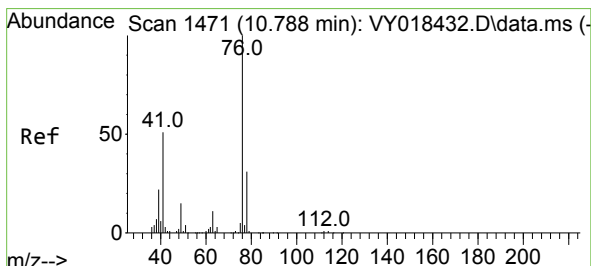
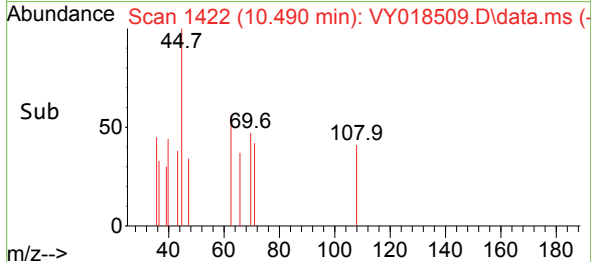
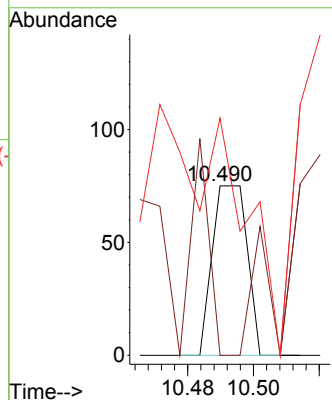
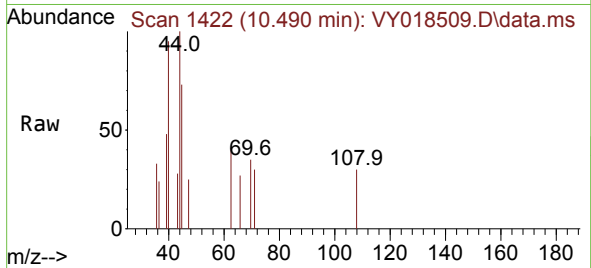




#56
Ethyl methacrylate
Concen: 24.263 ug/l
RT: 10.490 min Scan# 1422
Delta R.T. -0.012 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

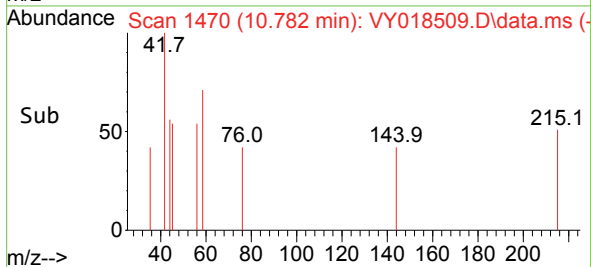
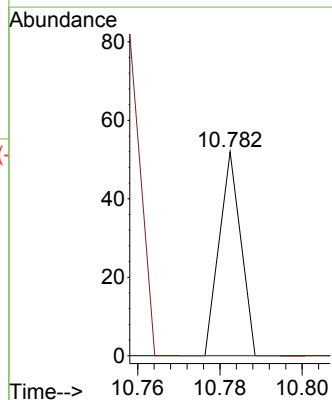
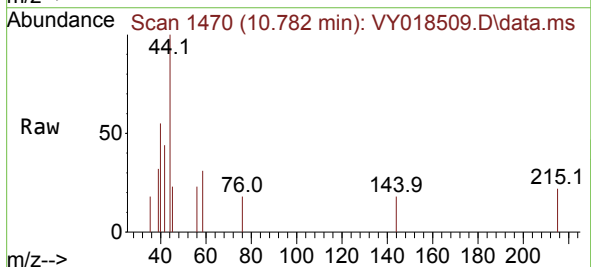
Instrument :
MSVOA_Y
ClientSampleId :

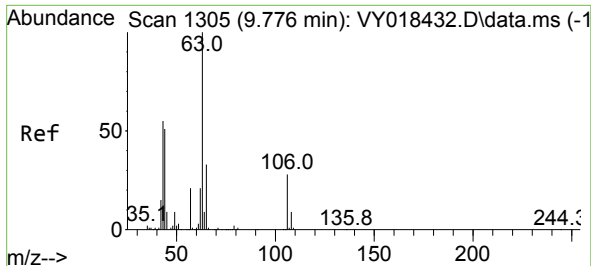
Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 0.0 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 6.948 ug/l
RT: 10.782 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 76 Resp: 19
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

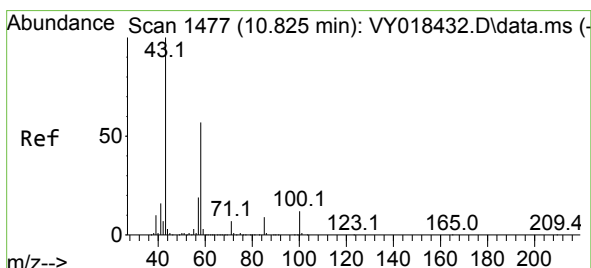
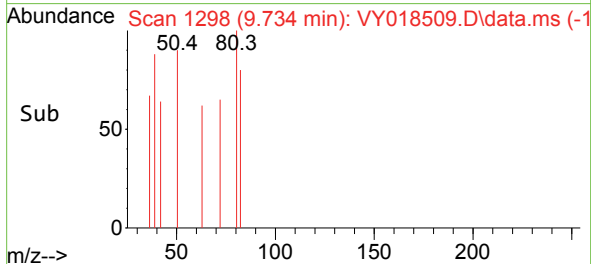
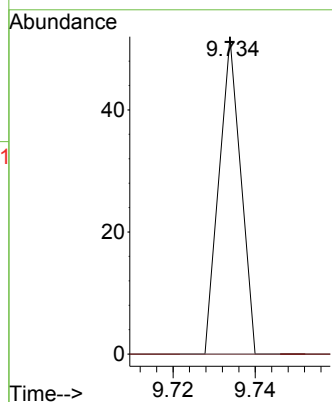
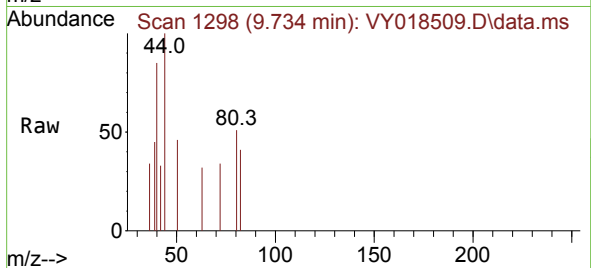




#58
2-Chloroethyl Vinyl ether
Concen: 15.608 ug/l
RT: 9.734 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

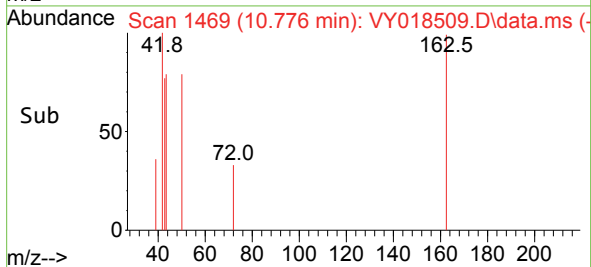
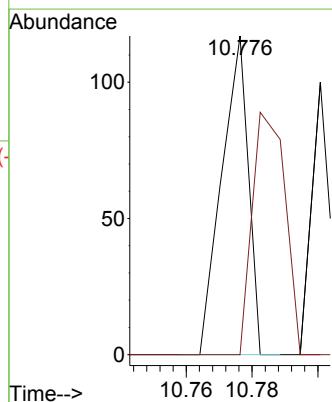
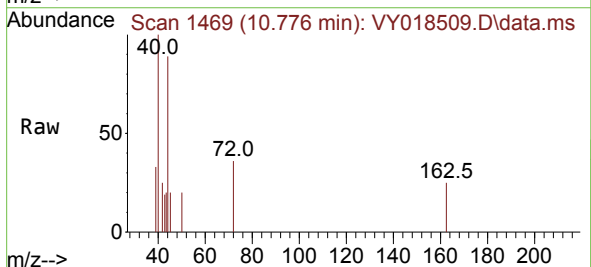
Instrument :
MSVOA_Y
ClientSampleId :

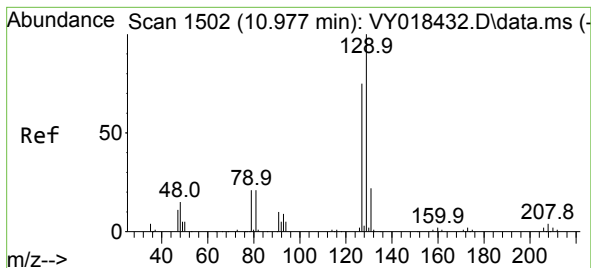
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 61.532 ug/l
RT: 10.776 min Scan# 1469
Delta R.T. -0.049 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
58 93.8 31.4 94.0

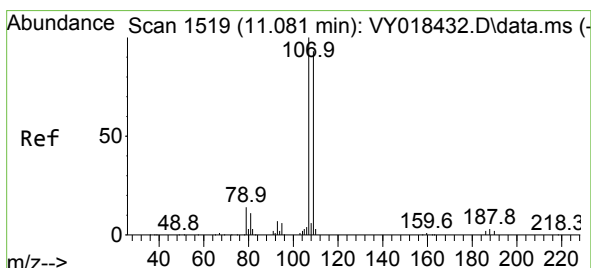
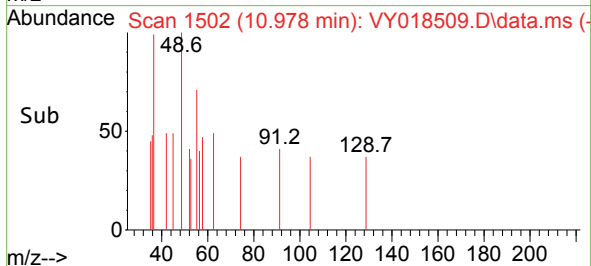
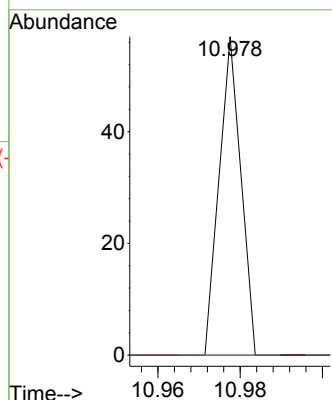
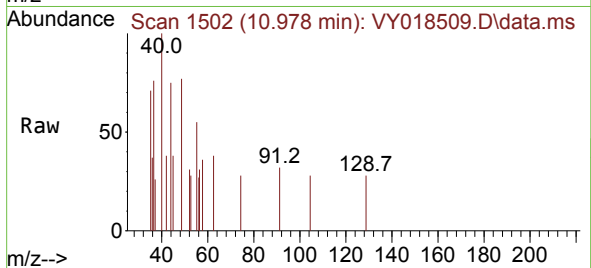




#60
Dibromochloromethane
Concen: 10.671 ug/l
RT: 10.978 min Scan# 1496
Delta R.T. 0.000 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

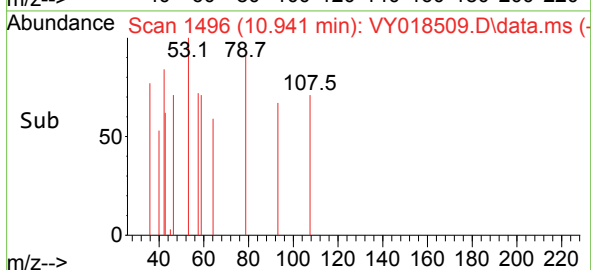
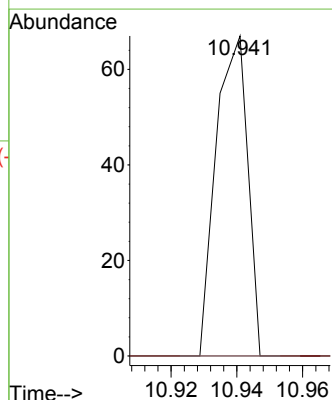
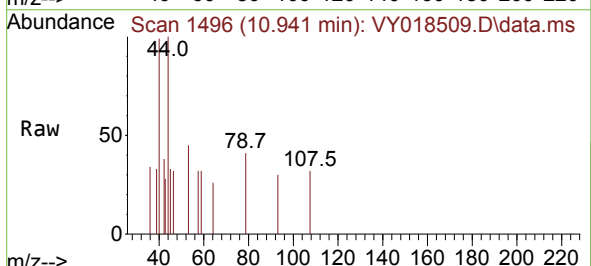
Instrument :
MSVOA_Y
ClientSampleId :

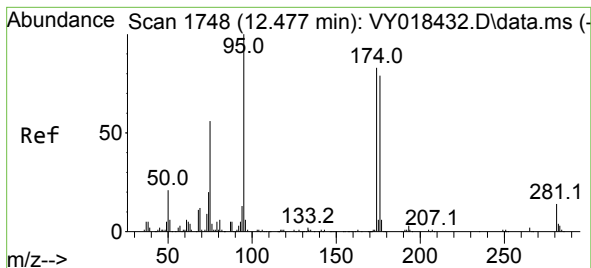
Tgt Ion:129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 29.665 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. -0.140 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

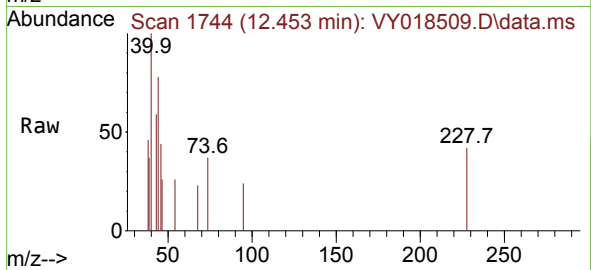
Tgt Ion:107 Resp: 45
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



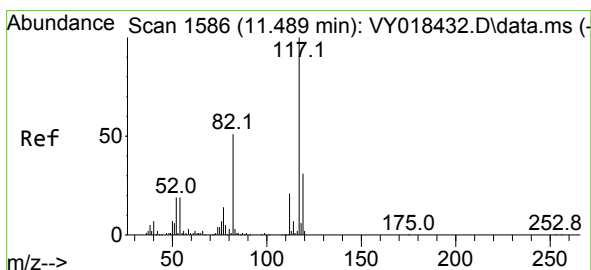
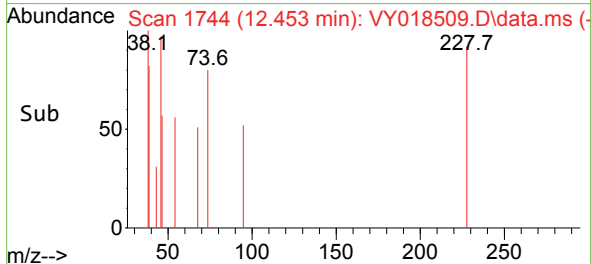
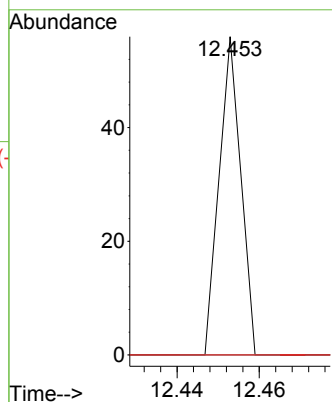


#62
4-Bromofluorobenzene
Concen: 7.812 ug/l
RT: 12.453 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :

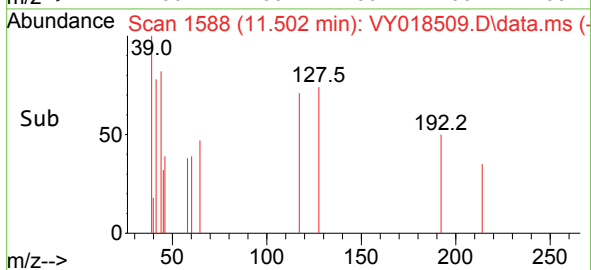
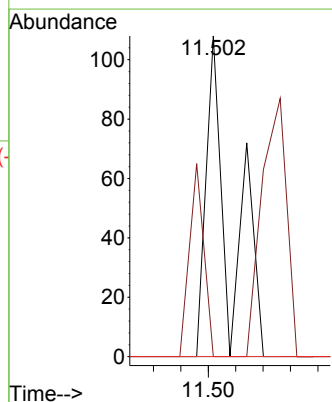
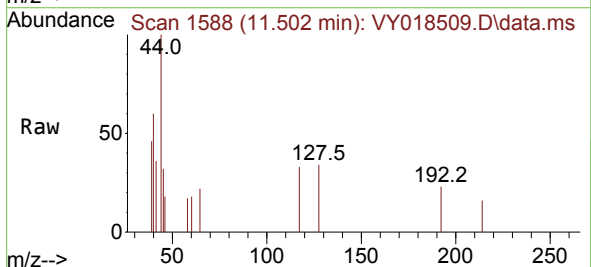


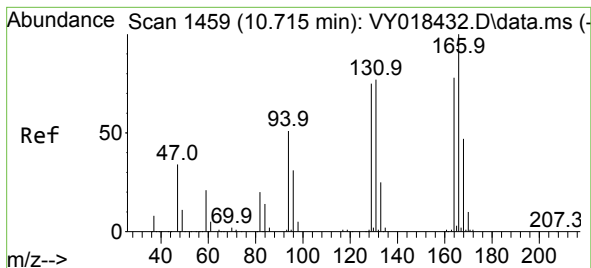
Tgt Ion: 95 Resp: 20
Ion Ratio Lower Upper
95 100
174 0.0 0.0 175.6
176 0.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 117 Resp: 66
Ion Ratio Lower Upper
117 100
82 0.0 42.4 63.6#
119 0.0 25.9 38.9#





#64

Tetrachloroethene

Concen: 69.946 ug/l

RT: 10.532 min Scan# 1459

Delta R.T. -0.183 min

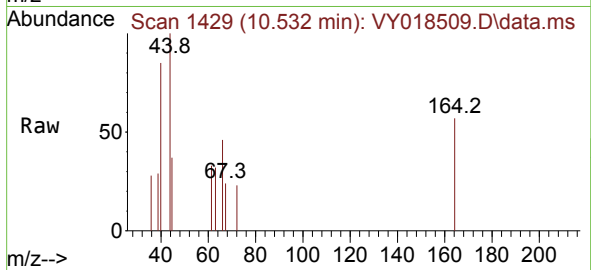
Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 68

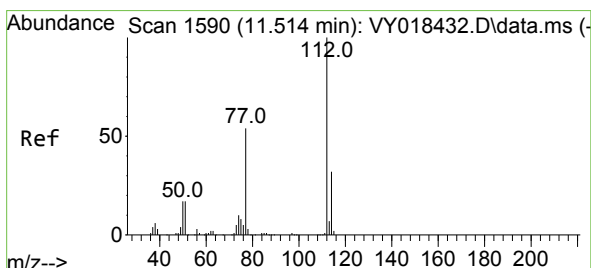
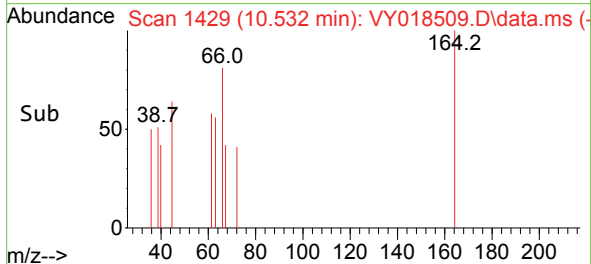
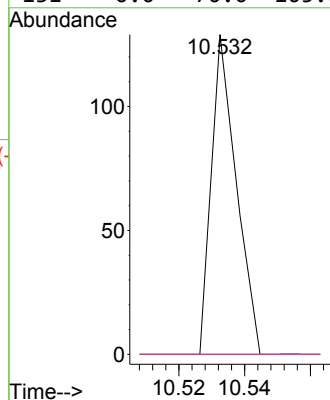
Ion Ratio Lower Upper

164 100

166 0.0 102.6 154.0#

129 0.0 72.0 108.0#

131 0.0 70.0 105.0#



#65

Chlorobenzene

Concen: 16.252 ug/l

RT: 11.447 min Scan# 1579

Delta R.T. -0.067 min

Lab File: VY018509.D

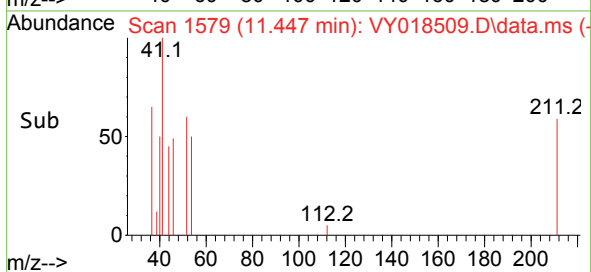
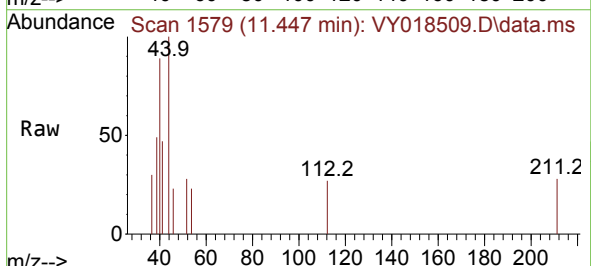
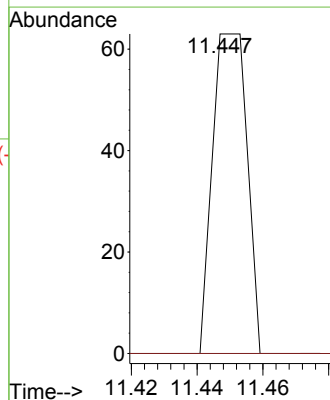
Acq: 06 Jun 2024 16:51

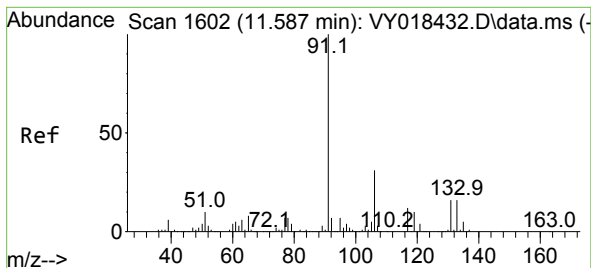
Tgt Ion:112 Resp: 46

Ion Ratio Lower Upper

112 100

114 0.0 26.4 39.6#

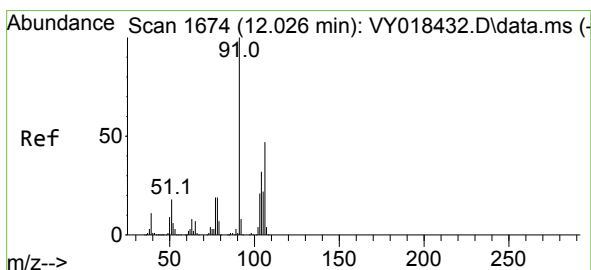
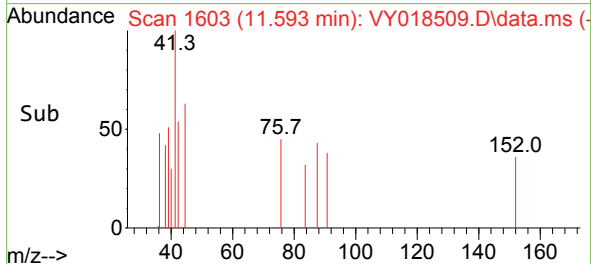
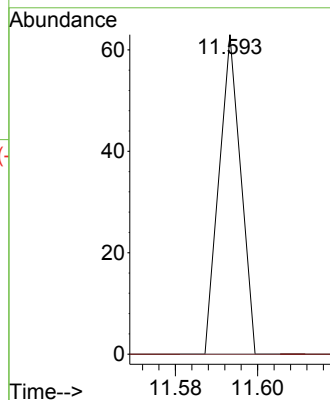
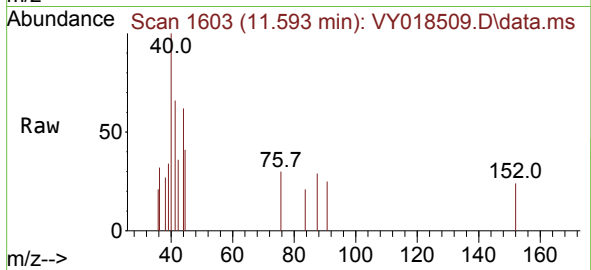




#67
Ethyl Benzene
Concen: 4.465 ug/l
RT: 11.593 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

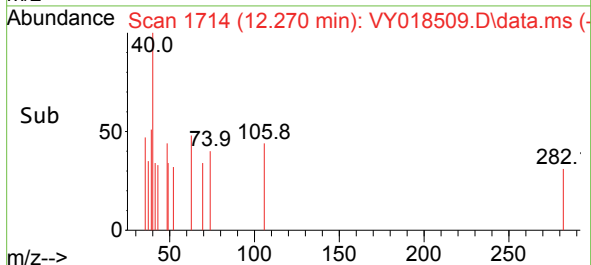
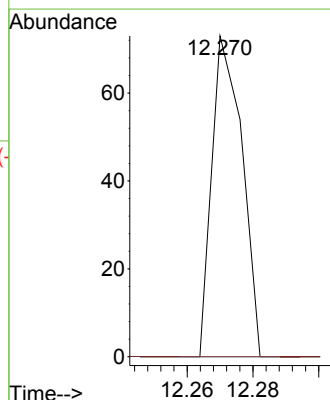
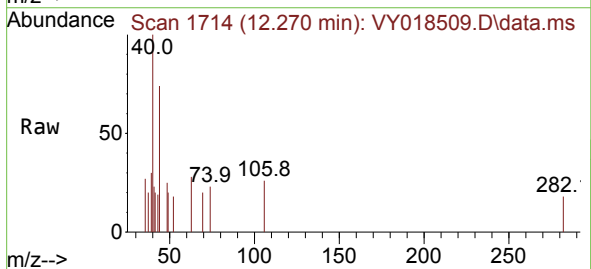
Instrument :
MSVOA_Y
ClientSampleId :

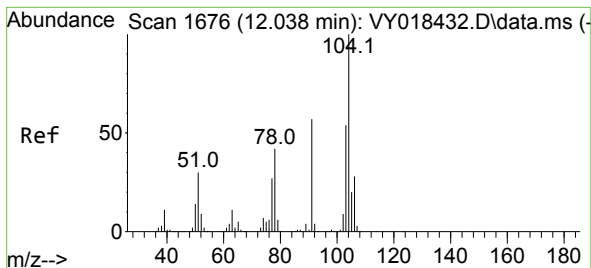
Tgt Ion: 91 Resp: 23
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#69
o-Xylene
Concen: 24.634 ug/l
RT: 12.270 min Scan# 1714
Delta R.T. 0.244 min
Lab File: VY018509.D
Acq: 06 Jun 2024 16:51

Tgt Ion: 106 Resp: 46
Ion Ratio Lower Upper
106 100
91 0.0 103.6 310.8#





#70

Styrene

Concen: 6.555 ug/l

RT: 12.081 min Scan# 1

Delta R.T. 0.043 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

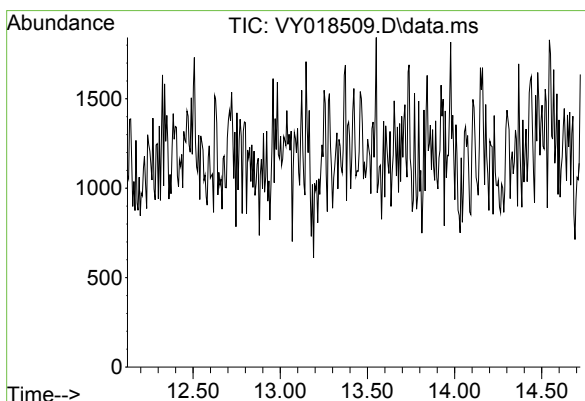
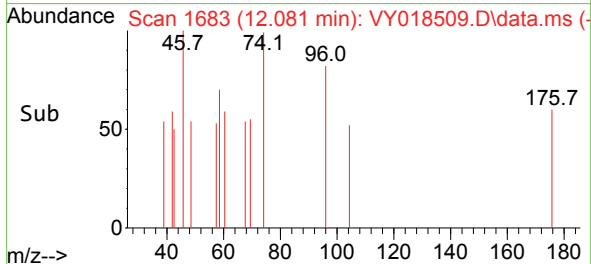
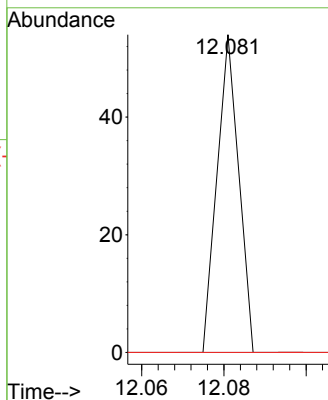
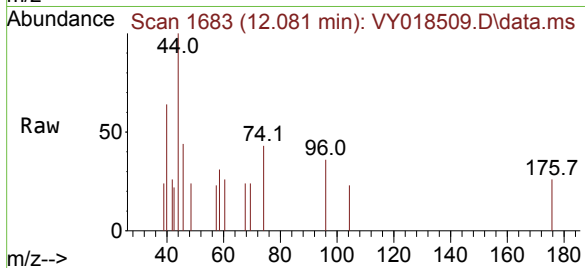
Tgt Ion:104 Resp: 20

Ion Ratio Lower Upper

104 100

78 0.0 37.0 55.4#

103 0.0 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.42 min

Lab File: VY018509.D

Acq: 06 Jun 2024 16:51

Tgt Ion: 152

Sig Exp Ratio

152 100

115 56.5

150 172.8

