

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018563.D
 Acq On : 11 Jun 2024 17:36
 Operator : SY/MD
 Sample : P2812-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 12 03:04:32 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	7.789	168	520	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	481	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	21	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	906	88.719	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.440%#	
35) Dibromofluoromethane	7.710	113	577	50.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.185	98	1411	31.321	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 62.640%	
62) 4-Bromofluorobenzene	12.483	95	67	4.777	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 9.560%#	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.125	85	45	5.449	ug/l #	43
3) Chloromethane	2.113	50	130	8.441	ug/l #	43
4) Vinyl Chloride	2.278	62	26	1.411	ug/l #	42
5) Bromomethane	2.674	94	50	4.068	ug/l #	72
6) Chloroethane	2.784	64	104	8.941	ug/l #	42
8) Diethyl Ether	3.771	74	65	11.334	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.869	101	49	4.415	ug/l #	19
10) Methyl Iodide	4.088	142	18	1.651	ug/l #	42
11) Tert butyl alcohol	4.985	59	21	Below Cal	#	1
12) 1,1-Dichloroethene	3.966	96	23	2.108	ug/l #	1
13) Acrolein	3.692	56	45	43.051	ug/l #	1
14) Allyl chloride	4.479	41	25	1.565	ug/l #	19
15) Acrylonitrile	5.198	53	34	12.964	ug/l #	18
16) Acetone	3.942	43	42	18.530	ug/l #	36
18) Methyl Acetate	4.460	43	179	31.582	ug/l	97
20) Methylene Chloride	4.704	84	82	3.610	ug/l #	45
21) trans-1,2-Dichloroethene	5.100	96	26	2.233	ug/l #	11
22) Diisopropyl ether	6.137	45	70	2.151	ug/l #	37
23) Vinyl Acetate	6.045	43	89	4.203	ug/l #	67
24) 1,1-Dichloroethane	6.143	63	29	1.429	ug/l #	80
25) 2-Butanone	6.978	43	119	34.272	ug/l #	41
26) 2,2-Dichloropropane	6.978	77	22	1.233	ug/l #	51
27) cis-1,2-Dichloroethene	6.935	96	23	1.698	ug/l #	63
28) Bromochloromethane	7.350	49	58	6.211	ug/l #	6
29) Tetrahydrofuran	7.326	42	103	45.676	ug/l #	26
31) Cyclohexane	7.825	56	43	2.258	ug/l #	11
32) 1,1,1-Trichloroethane	7.710	97	78	4.375	ug/l #	46
36) 1,1-Dichloropropene	7.911	75	22	1.274	ug/l #	40
37) Ethyl Acetate	7.063	43	168	19.477	ug/l #	67
38) Carbon Tetrachloride	7.771	117	22	1.272	ug/l #	13
40) Benzene	8.149	78	52	1.005	ug/l #	51
41) Methacrylonitrile	7.307	41	143	34.083	ug/l #	6
42) 1,2-Dichloroethane	8.118	62	35	2.783	ug/l #	71
43) Isopropyl Acetate	8.264	43	79	4.898	ug/l #	47
45) 1,2-Dichloropropane	9.246	63	34	2.874	ug/l #	43
46) Dibromomethane	9.325	93	23	3.391	ug/l #	3

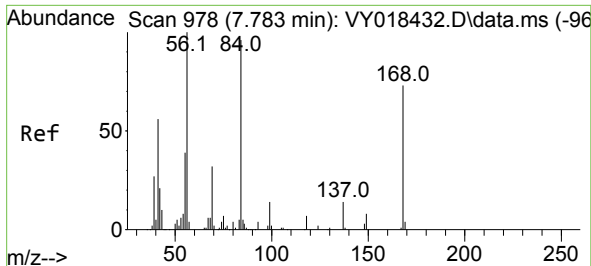
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
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 Operator : SY/MD
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Quant Time: Jun 12 03:04:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.295	83	50	3.071	ug/l #	26
48) Methyl methacrylate	9.307	41	27	3.639	ug/l #	1
49) 1,4-Dioxane	9.557	88	20	224.520	ug/l #	20
51) 4-Methyl-2-Pentanone	10.069	43	37	4.418	ug/l #	31
53) t-1,3-Dichloropropene	10.532	75	52	3.478	ug/l #	45
54) cis-1,3-Dichloropropene	9.843	75	28	1.521	ug/l #	29
55) 1,1,2-Trichloroethane	10.874	97	49	5.552	ug/l #	16
56) Ethyl methacrylate	10.520	69	34	2.738	ug/l #	1
57) 1,3-Dichloropropane	10.673	76	20	1.335	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.782	63	19	2.849	ug/l #	45
59) 2-Hexanone	10.563	43	56	9.676	ug/l	96
61) 1,2-Dibromoethane	11.130	107	26	3.129	ug/l #	2
64) Tetrachloroethene	10.703	164	24	3.387	ug/l #	1
65) Chlorobenzene	11.270	112	38	1.842	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.587	131	21	3.149	ug/l #	8
68) m/p-Xylenes	11.727	106	25	1.768	ug/l #	23
70) Styrene	12.178	104	67	3.013	ug/l #	27
71) Bromoform	11.959	173	21	5.977	ug/l #	27
73) Isopropylbenzene	12.282	105	65	29.995	ug/l #	48
74) N-amyl acetate	12.154	43	26	49.291	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.593	83	101	264.762	ug/l #	26
76) 1,2,3-Trichloropropane	12.666	75	56	215.052	ug/l #	100
77) Bromobenzene	12.794	156	44	95.628	ug/l #	1
78) n-propylbenzene	12.690	91	25	9.612	ug/l #	53
79) 2-Chlorotoluene	12.690	91	25	17.681	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.721	105	19	11.257	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.483	75	82	661.578	ug/l #	16
82) 4-Chlorotoluene	12.690	91	25	17.570	ug/l #	39
83) tert-Butylbenzene	13.312	119	26	16.659	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.032	105	51	30.864	ug/l #	30
85) sec-Butylbenzene	13.459	105	21	9.136	ug/l #	56
86) p-Isopropyltoluene	13.312	119	26	14.016	ug/l #	1
89) n-Butylbenzene	13.574	91	21	11.913	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.397	75	53	913.010	ug/l #	1

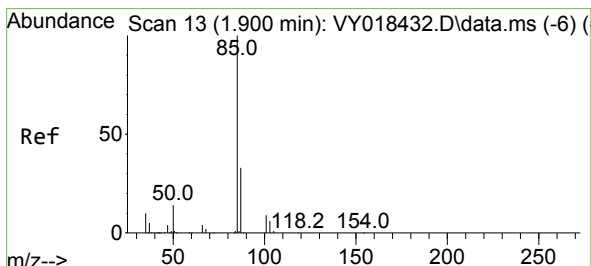
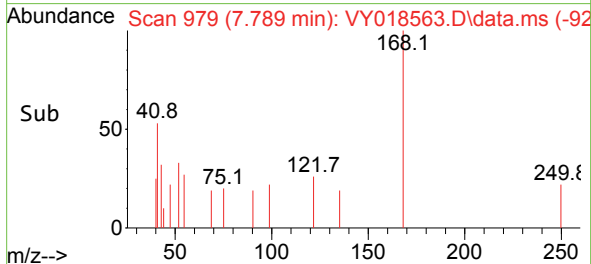
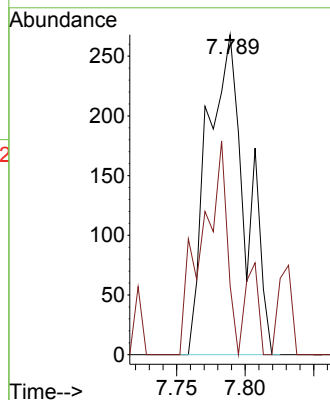
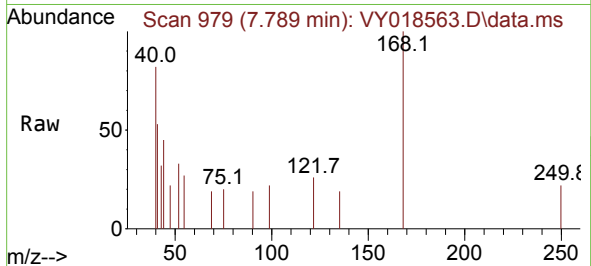
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

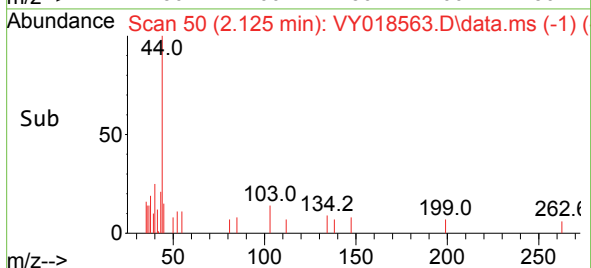
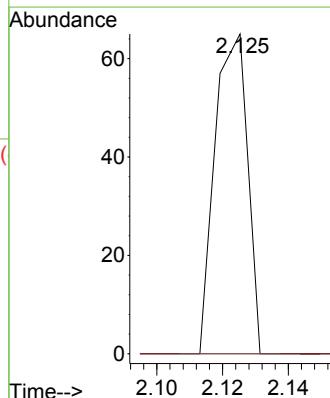
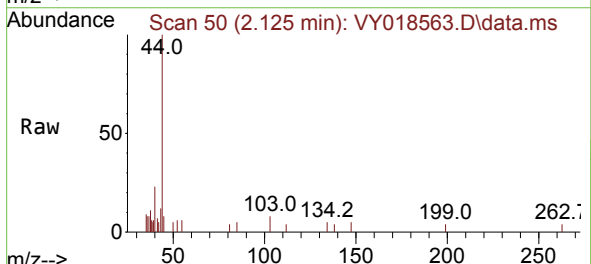
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MSVOA_Y
ClientSampleId :

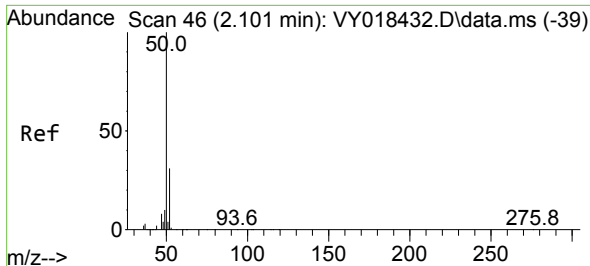
Tgt Ion:168 Resp: 520
Ion Ratio Lower Upper
168 100
99 21.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 5.449 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.226 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 85 Resp: 45
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

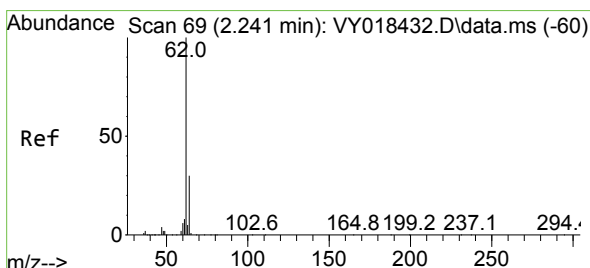
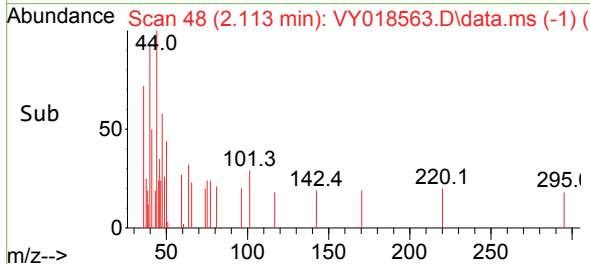
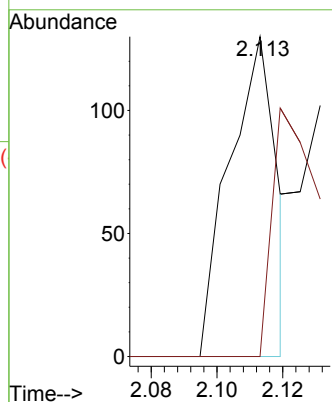
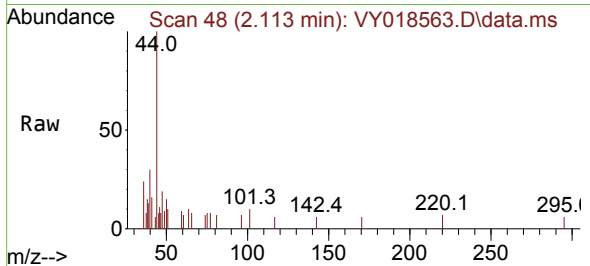




#3
Chloromethane
Concen: 8.441 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

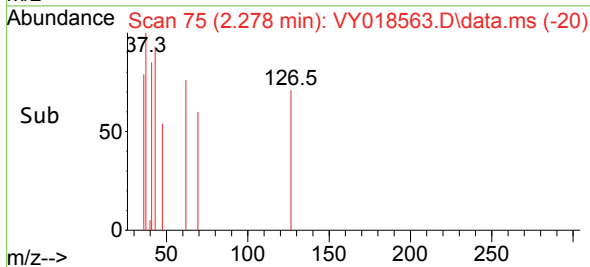
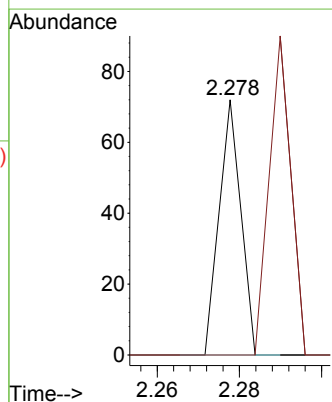
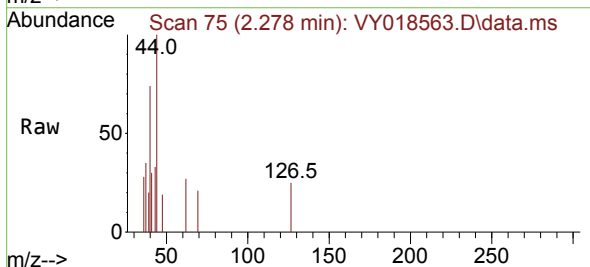
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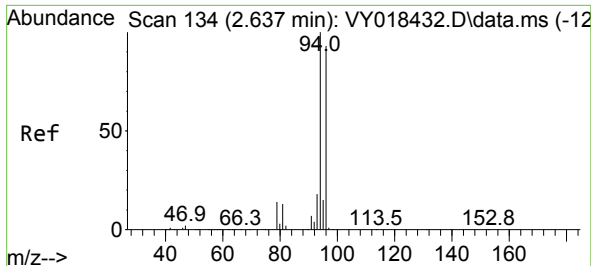
Tgt Ion: 50 Resp: 130
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 1.411 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.037 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 62 Resp: 26
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

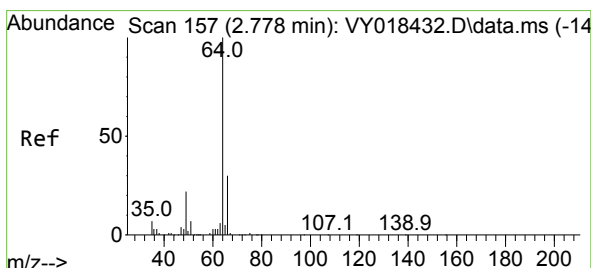
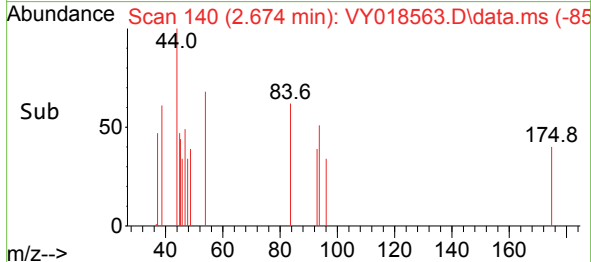
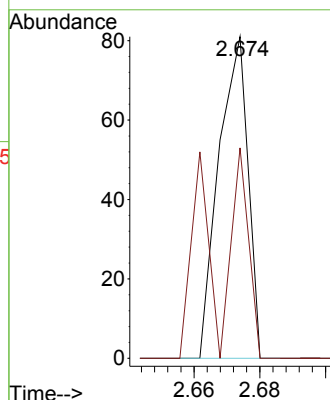
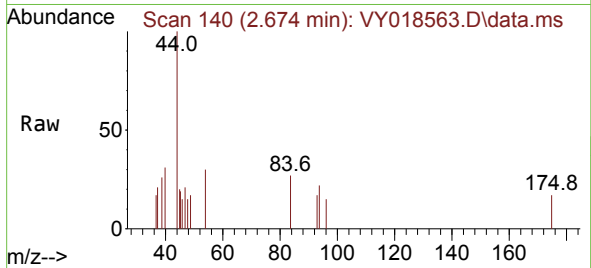




#5
Bromomethane
Concen: 4.068 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.037 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

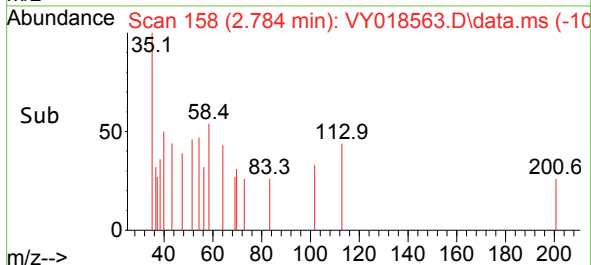
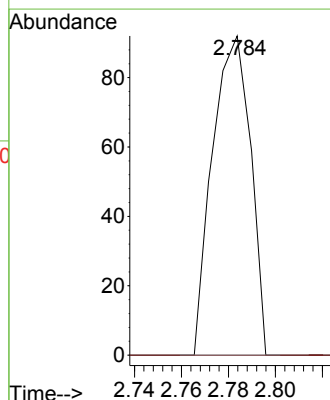
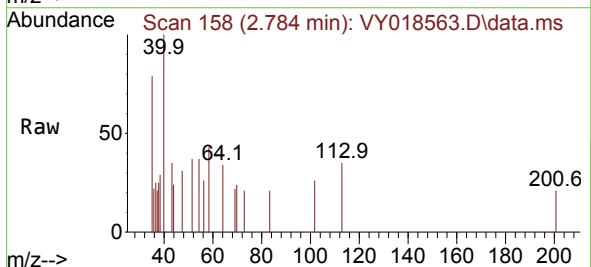
Instrument :
MSVOA_Y
ClientSampleId :

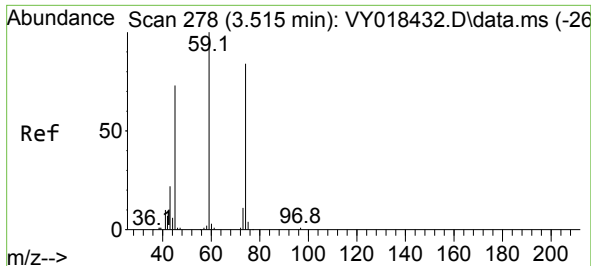
Tgt Ion: 94 Resp: 50
Ion Ratio Lower Upper
94 100
96 65.4 74.1 111.1#



#6
Chloroethane
Concen: 8.941 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

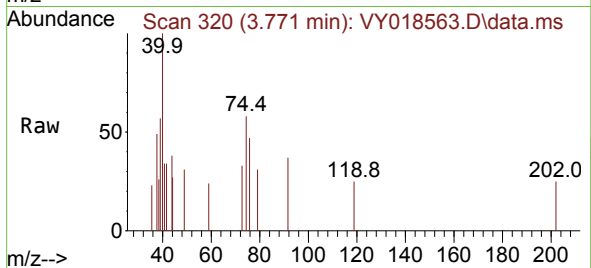
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



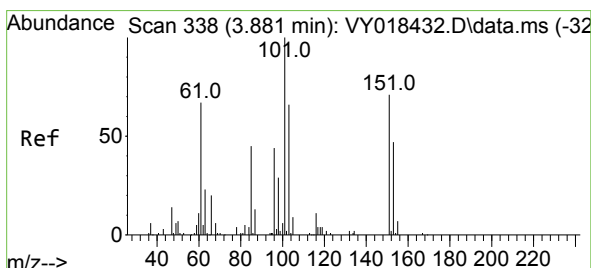
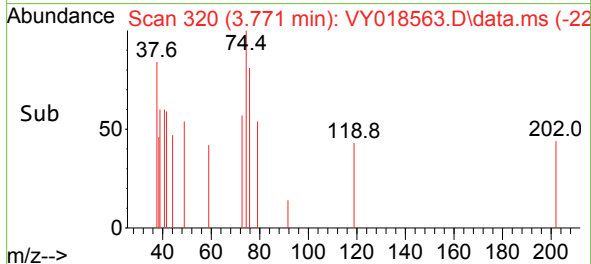
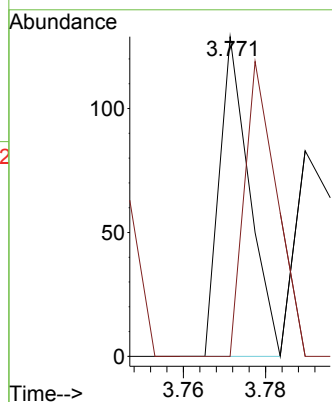


#8
Diethyl Ether
Concen: 11.334 ug/l
RT: 3.771 min Scan# 31
Delta R.T. 0.256 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

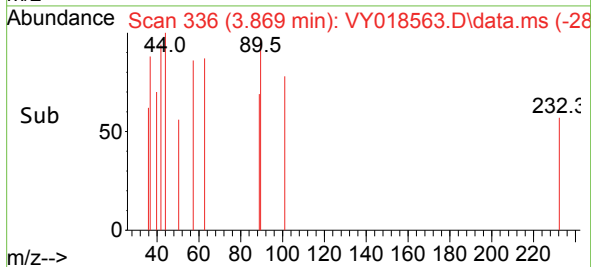
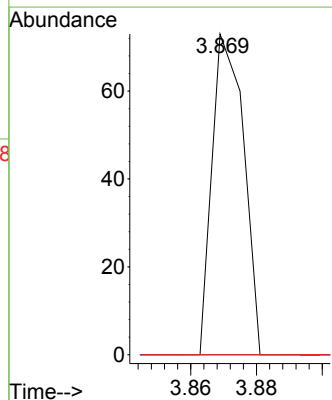
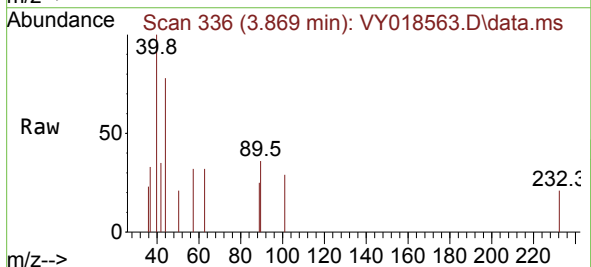


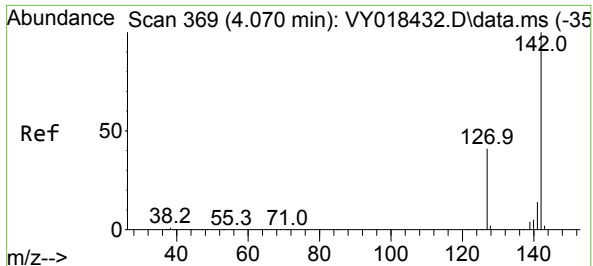
Tgt Ion: 74 Resp: 65
Ion Ratio Lower Upper
74 100
45 100.0 41.3 124.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.415 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

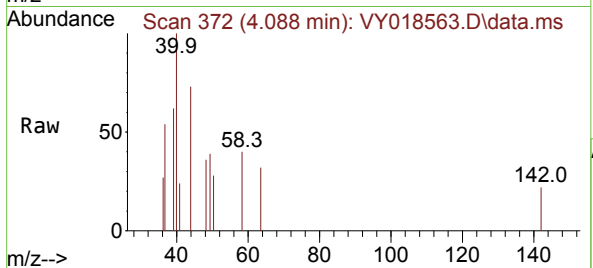
Tgt Ion: 101 Resp: 49
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#



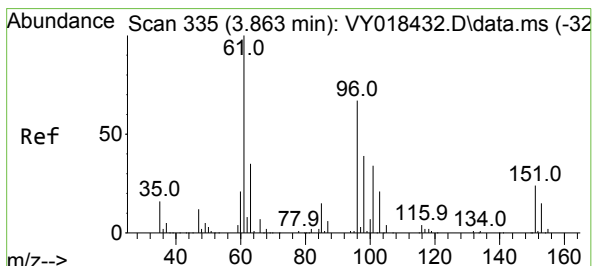
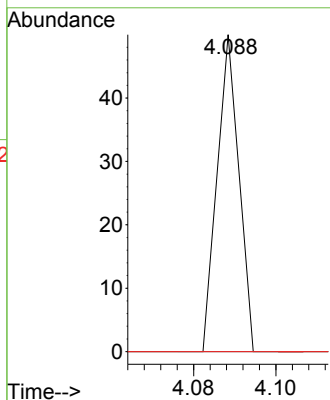
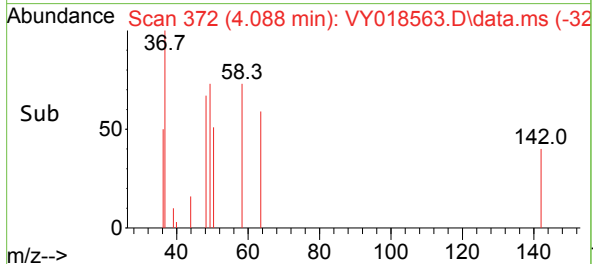


#10
Methyl Iodide
Concen: 1.651 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

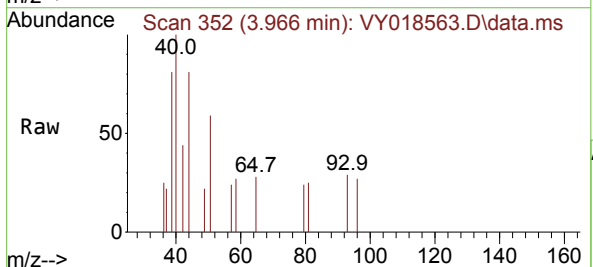
Instrument :
MSVOA_Y
ClientSampleId :



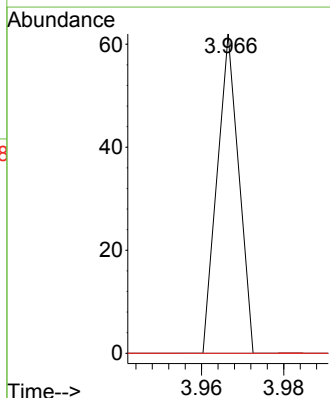
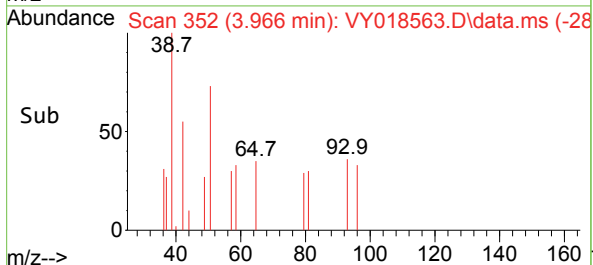
Tgt Ion:142 Resp: 18
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

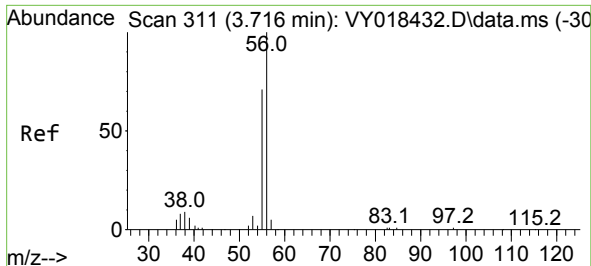


#12
1,1-Dichloroethene
Concen: 2.108 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.104 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36



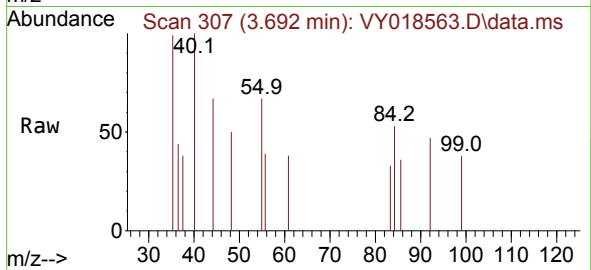
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Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#



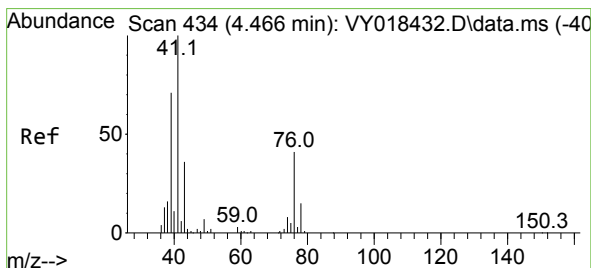
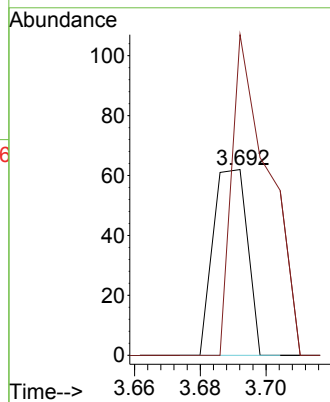
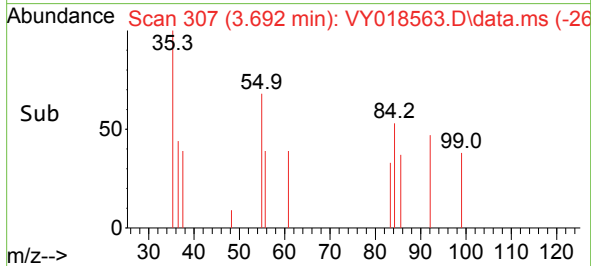


#13
Acrolein
Concen: 43.051 ug/l
RT: 3.692 min Scan# 307
Delta R.T. -0.024 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

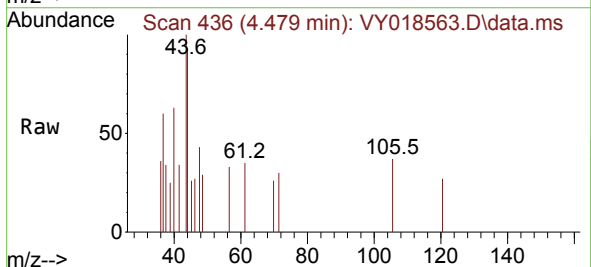
Instrument :
MSVOA_Y
ClientSampleId :



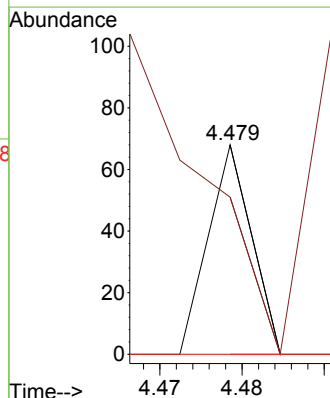
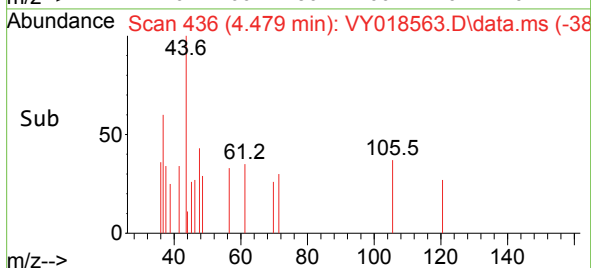
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 184.4 55.7 83.5#

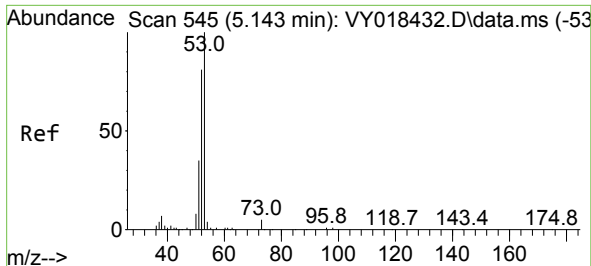


#14
Allyl chloride
Concen: 1.565 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36



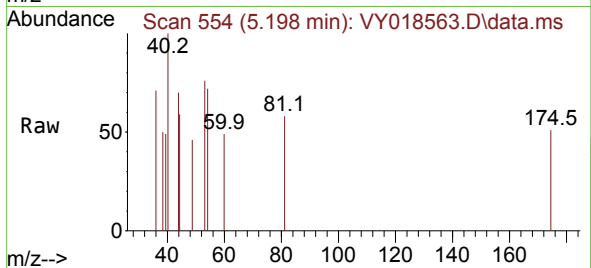
Tgt Ion: 41 Resp: 25
Ion Ratio Lower Upper
41 100
39 0.0 58.3 87.5#
76 0.0 39.0 58.6#



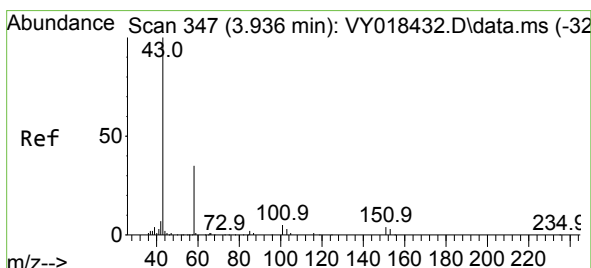
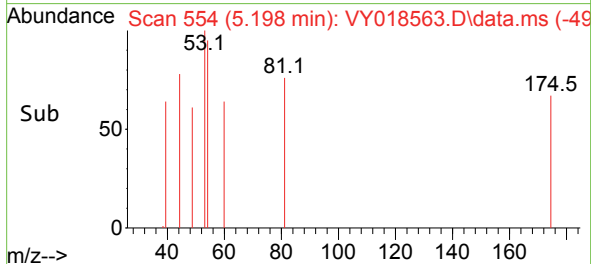
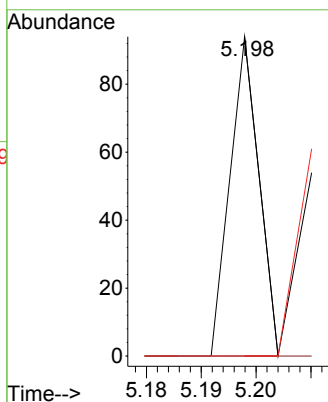


#15
Acrylonitrile
Concen: 12.964 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.055 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

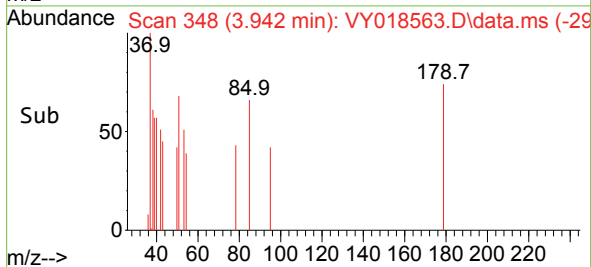
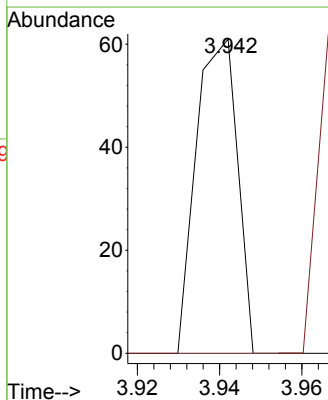
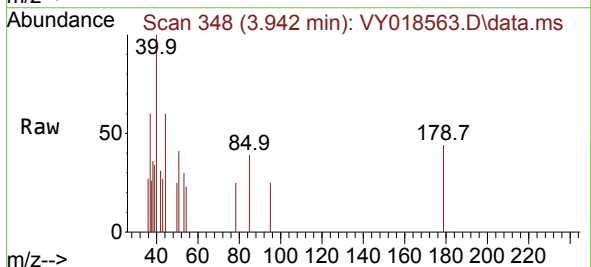


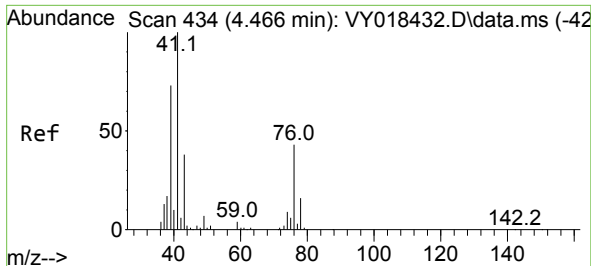
Tgt Ion: 53 Resp: 34
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 18.530 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#18

Methyl Acetate

Concen: 31.582 ug/l

RT: 4.460 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

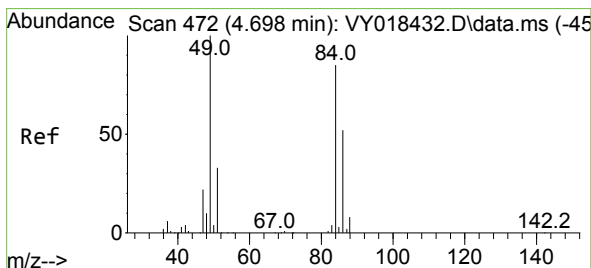
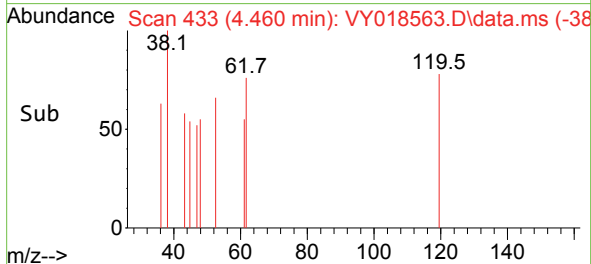
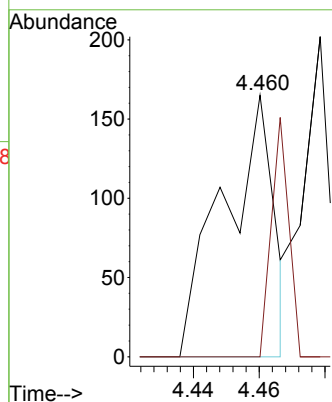
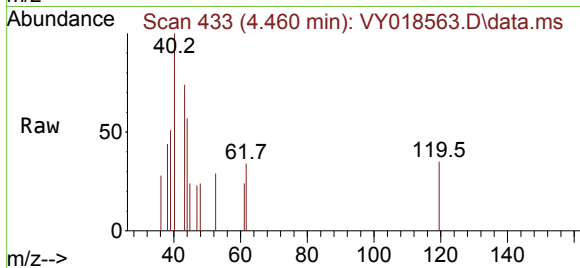
ClientSampleId :

Tgt Ion: 43 Resp: 179

Ion Ratio Lower Upper

43 100

74 30.7 23.3 34.9



#20

Methylene Chloride

Concen: 3.610 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Tgt Ion: 84 Resp: 82

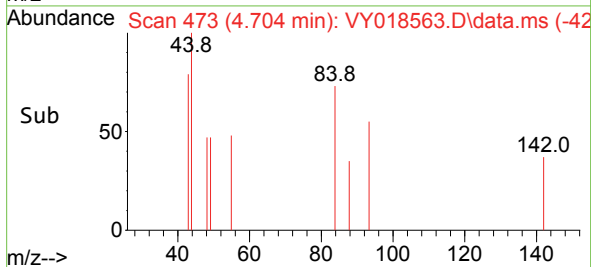
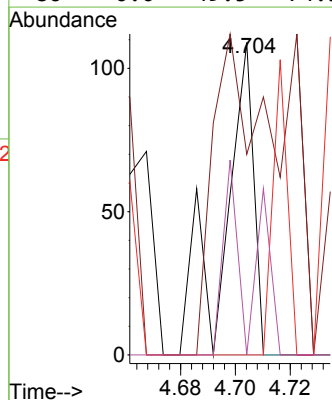
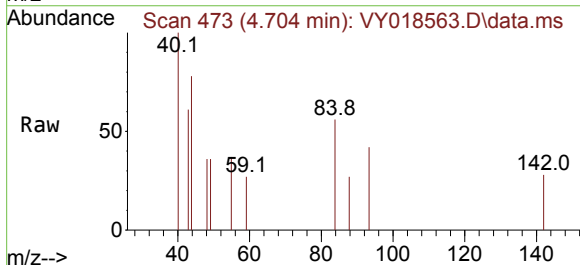
Ion Ratio Lower Upper

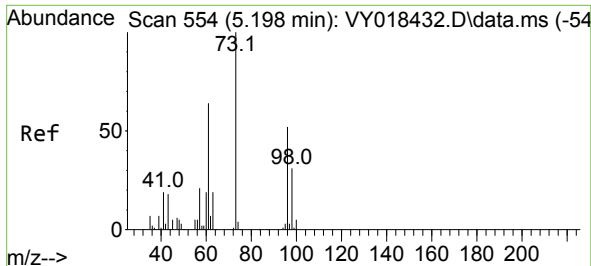
84 100

49 64.2 84.4 126.6#

51 0.0 26.0 39.0#

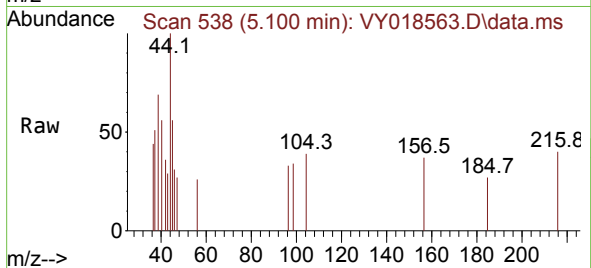
86 0.0 49.5 74.3#



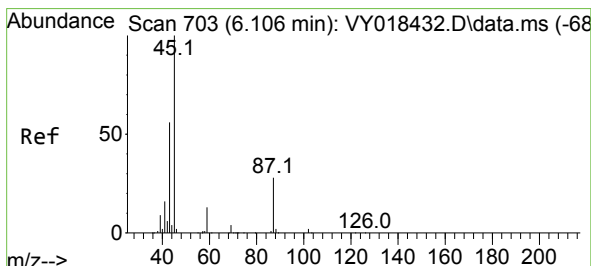
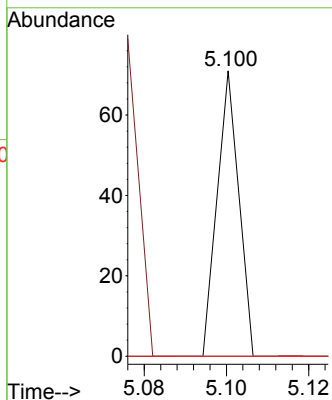
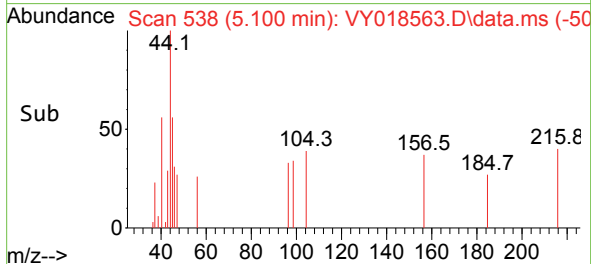


#21
trans-1,2-Dichloroethene
Concen: 2.233 ug/l
RT: 5.100 min Scan# 51
Delta R.T. -0.098 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

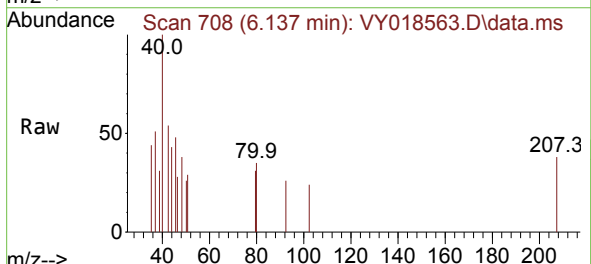
Instrument :
MSVOA_Y
ClientSampleId :



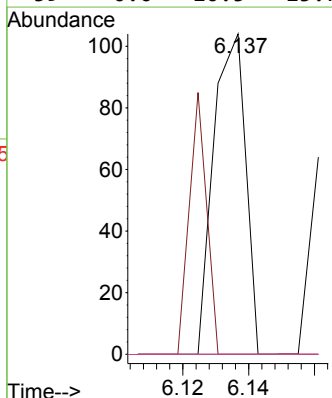
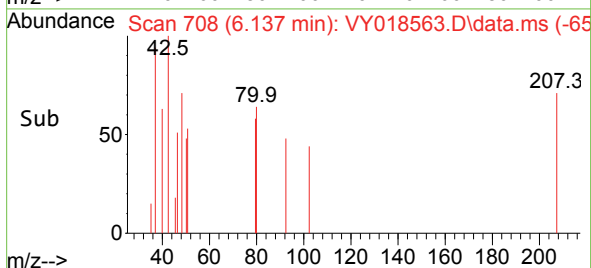
Tgt Ion: 96 Resp: 26
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 102.8 50.5 75.7#

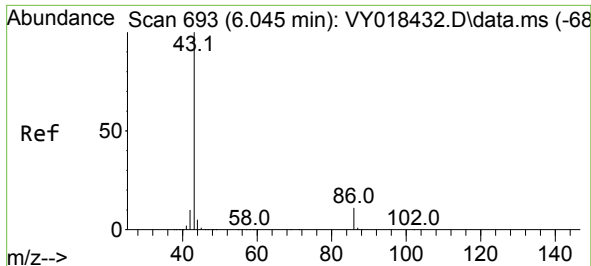


#22
Diisopropyl ether
Concen: 2.151 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.030 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36



Tgt Ion: 45 Resp: 70
Ion Ratio Lower Upper
45 100
43 0.0 42.2 63.2#
87 0.0 25.0 37.6#
59 0.0 10.5 15.7#

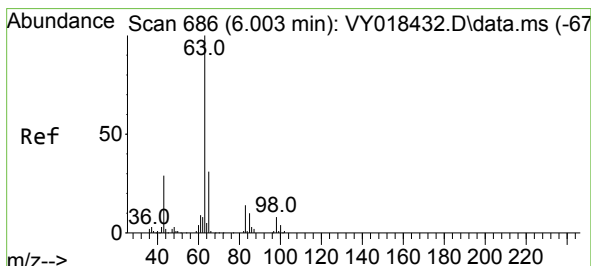
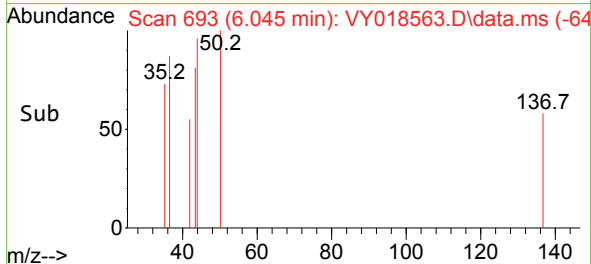
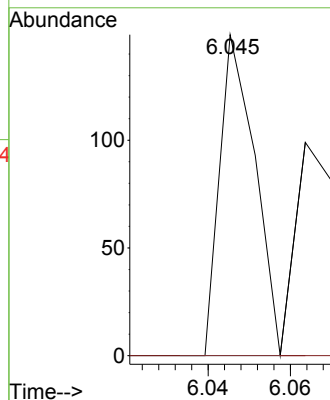
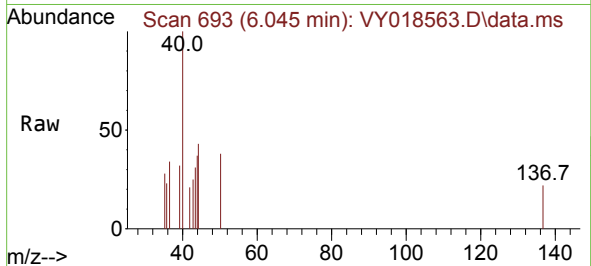




#23
 Vinyl Acetate
 Concen: 4.203 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

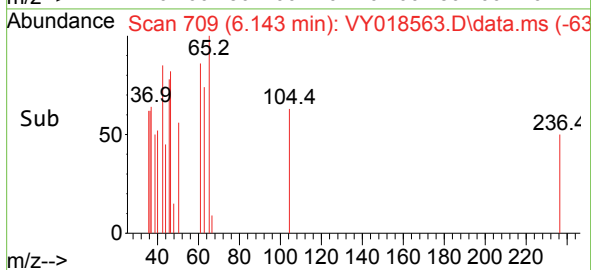
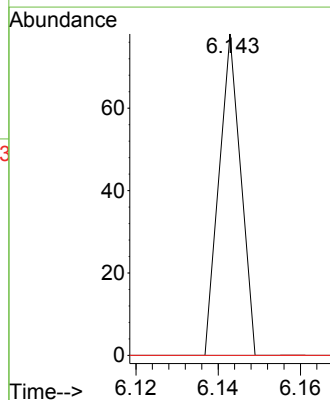
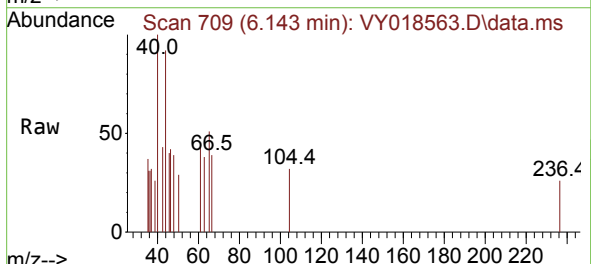
Instrument :
 MSVOA_Y
 ClientSampleId :

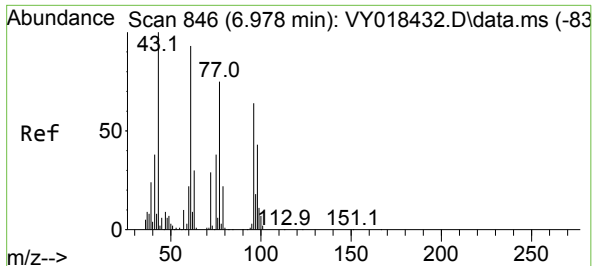
Tgt Ion: 43 Resp: 89
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 1.429 ug/l
 RT: 6.143 min Scan# 709
 Delta R.T. 0.140 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

Tgt Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 12.2#
 100 0.0 2.6 8.0#

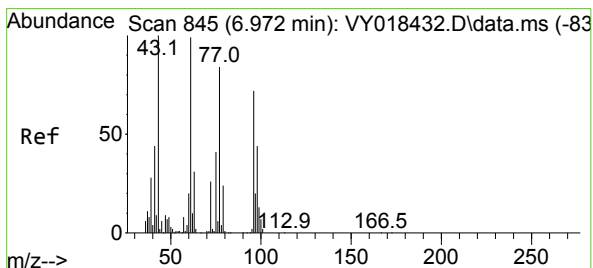
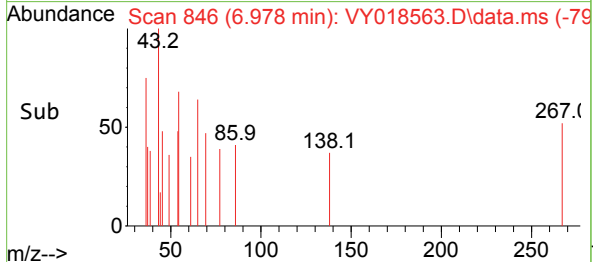
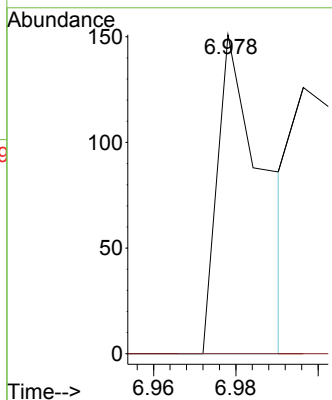
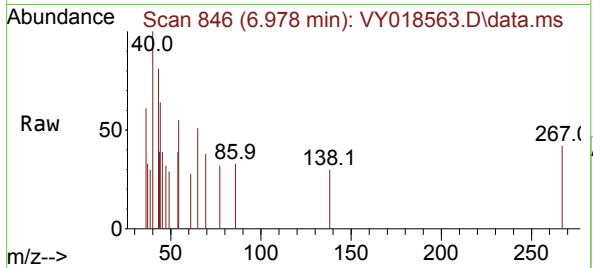




#25
2-Butanone
Concen: 34.272 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

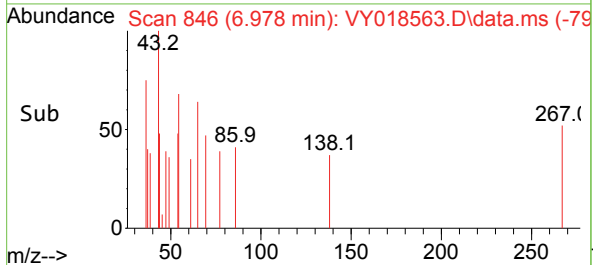
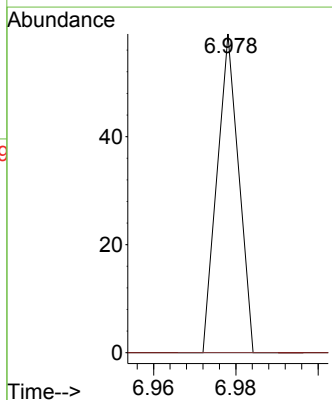
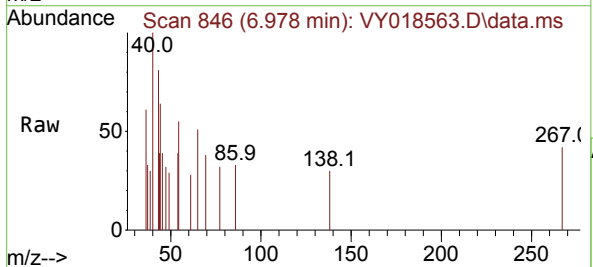
Instrument :
MSVOA_Y
ClientSampleId :

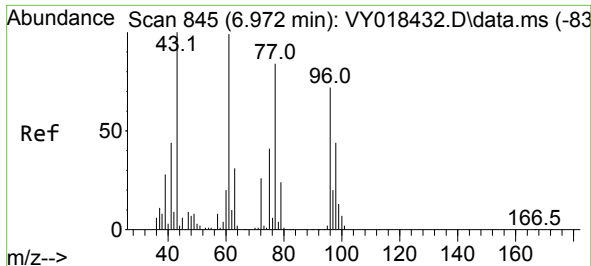
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.233 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 77 Resp: 22
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#





#27

cis-1,2-Dichloroethene

Concen: 1.698 ug/l

RT: 6.935 min Scan# 81

Delta R.T. -0.037 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

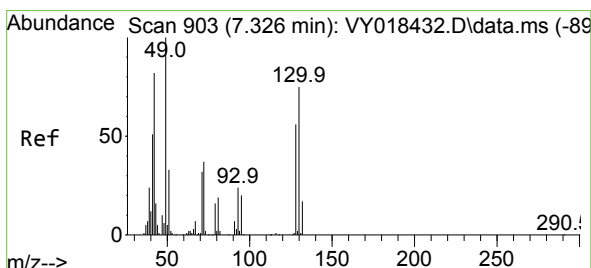
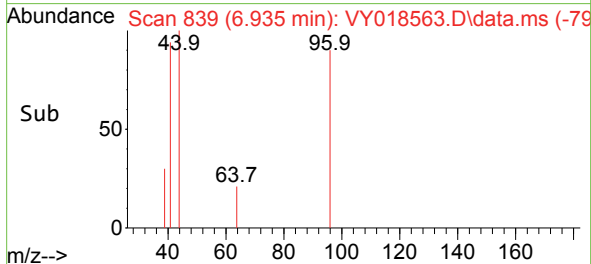
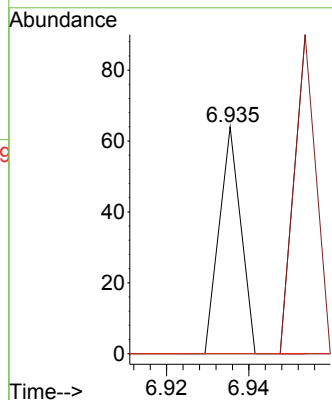
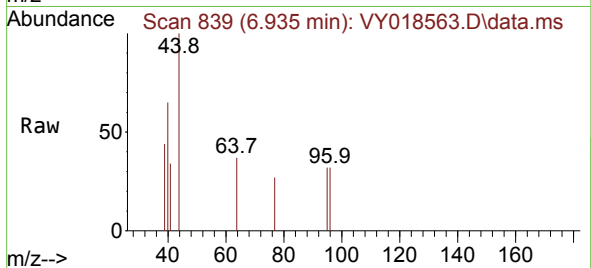
Tgt Ion: 96 Resp: 23

Ion Ratio Lower Upper

96 100

61 143.5 0.0 256.2

98 0.0 0.0 130.0



#28

Bromochloromethane

Concen: 6.211 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.024 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

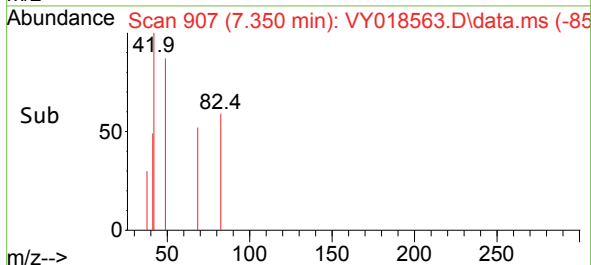
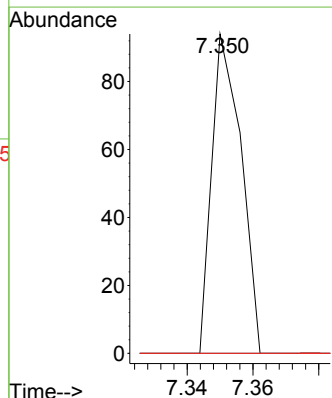
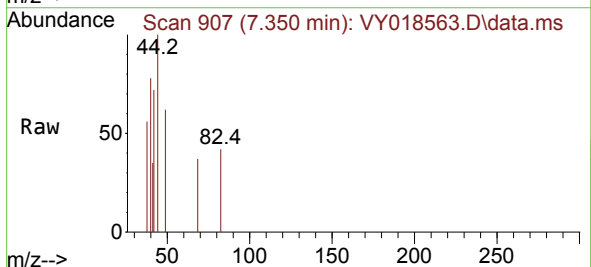
Tgt Ion: 49 Resp: 58

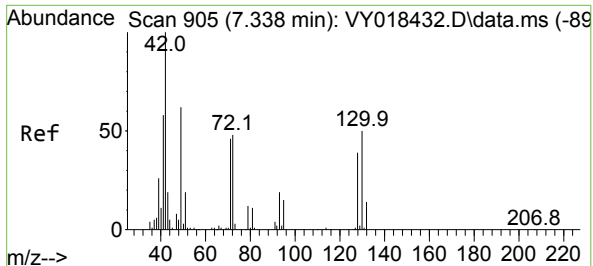
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 45.676 ug/l

RT: 7.326 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

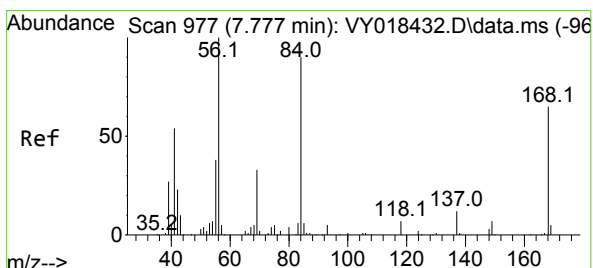
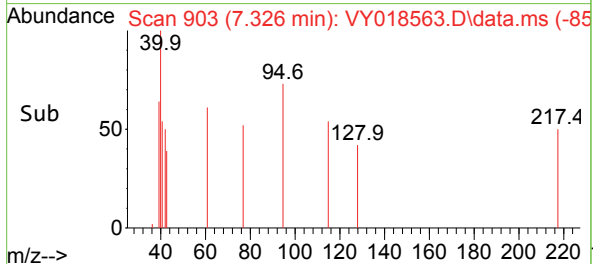
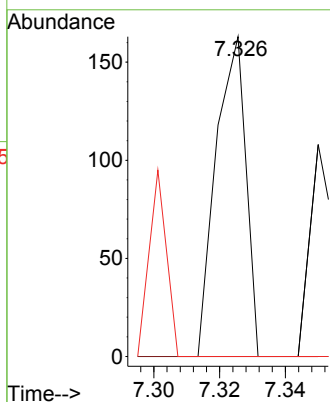
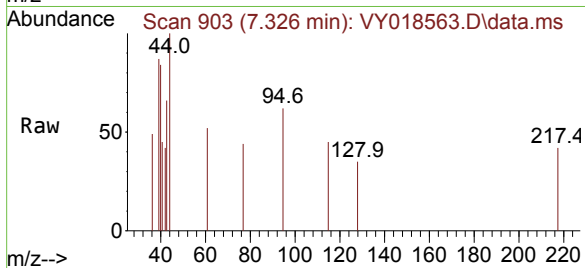
Tgt Ion: 42 Resp: 103

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#31

Cyclohexane

Concen: 2.258 ug/l

RT: 7.825 min Scan# 985

Delta R.T. 0.049 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

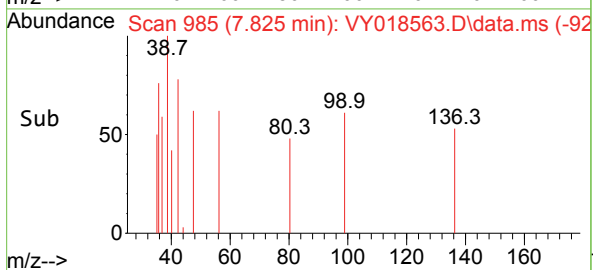
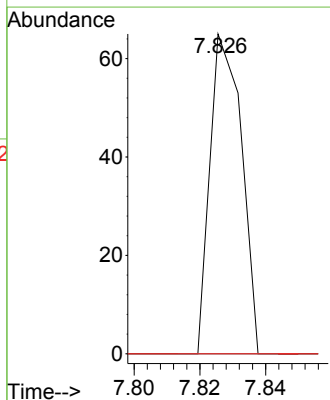
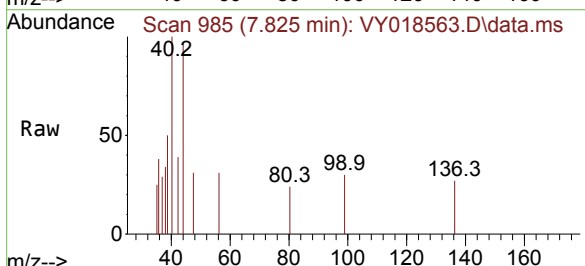
Tgt Ion: 56 Resp: 43

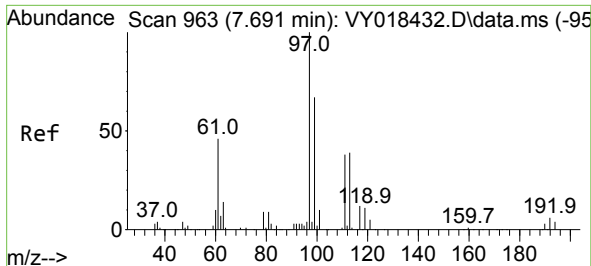
Ion Ratio Lower Upper

56 100

69 0.0 28.7 43.1#

84 0.0 77.7 116.5#

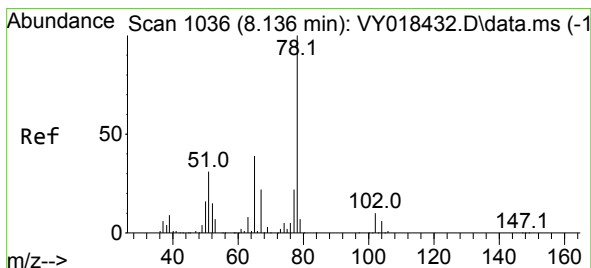
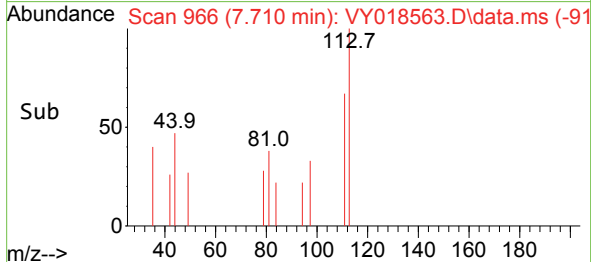
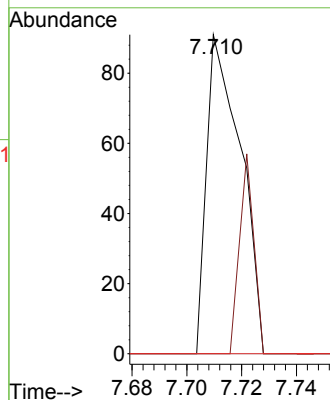
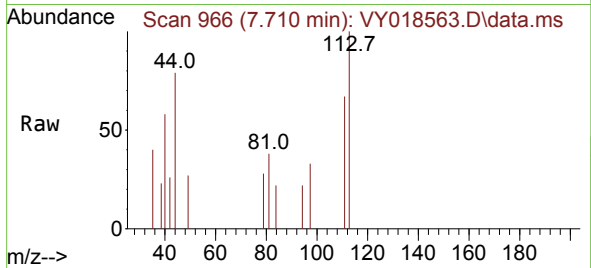




#32
1,1,1-Trichloroethane
Concen: 4.375 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

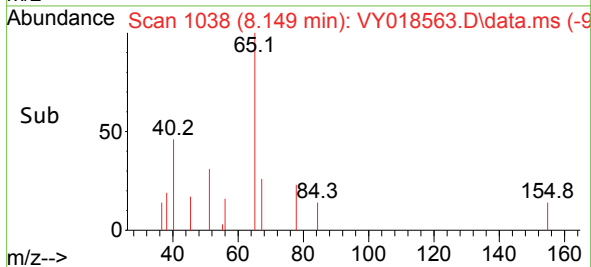
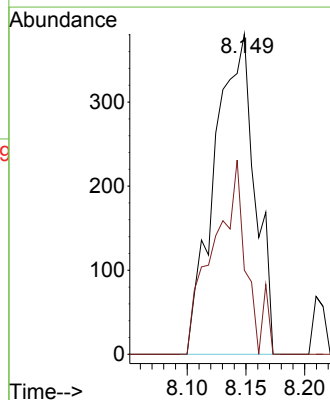
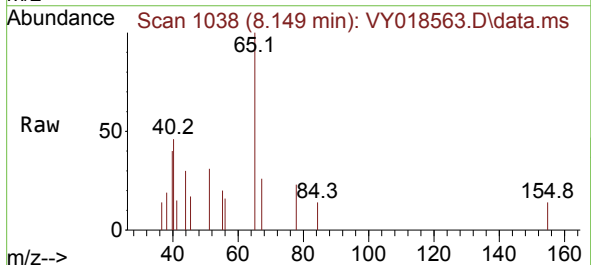
Instrument :
MSVOA_Y
ClientSampleId :

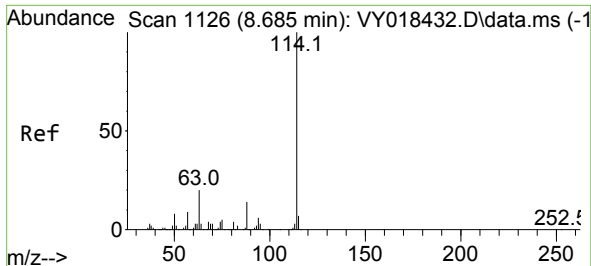
Tgt Ion: 97 Resp: 78
Ion Ratio Lower Upper
97 100
99 26.9 50.3 75.5#
61 0.0 32.6 48.8#



#33
1,2-Dichloroethane-d4
Concen: 88.719 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 65 Resp: 906
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.6

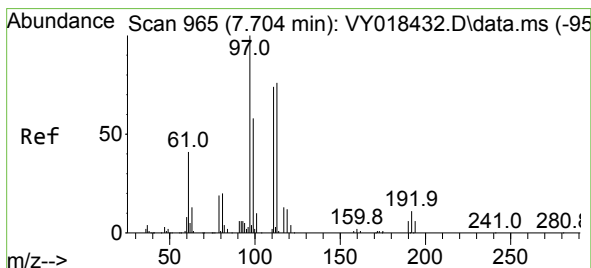
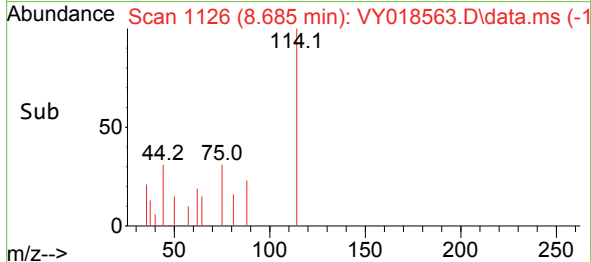
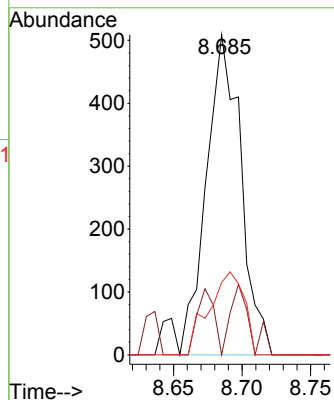
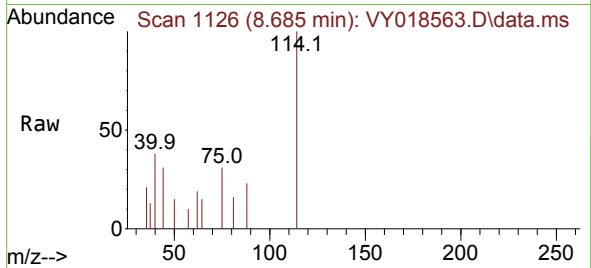




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

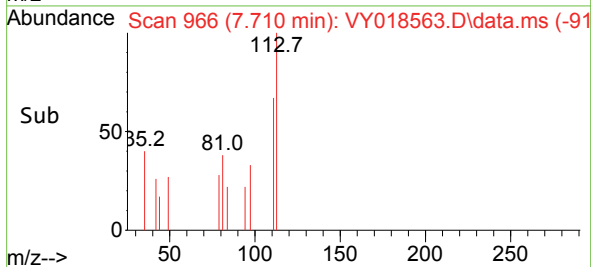
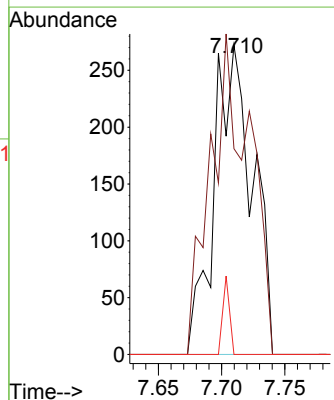
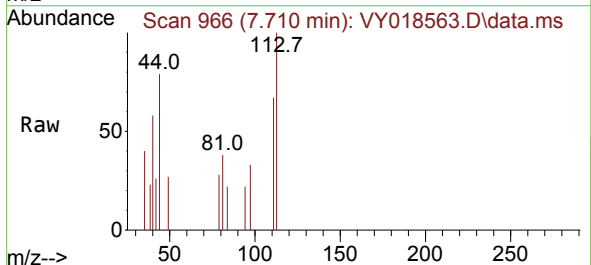
Instrument :
MSVOA_Y
ClientSampleId :

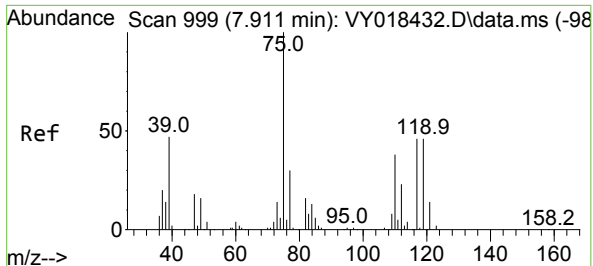
Tgt Ion:114	Resp:	893
Ion Ratio	Lower	Upper
114	100	
63	0.0	35.0
88	22.6	27.2



#35
Dibromofluoromethane
Concen: 50.954 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

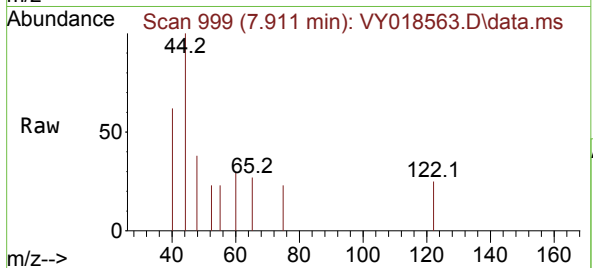
Tgt Ion:113	Resp:	577
Ion Ratio	Lower	Upper
113	100	
111	105.9	123.4
192	4.3	23.9



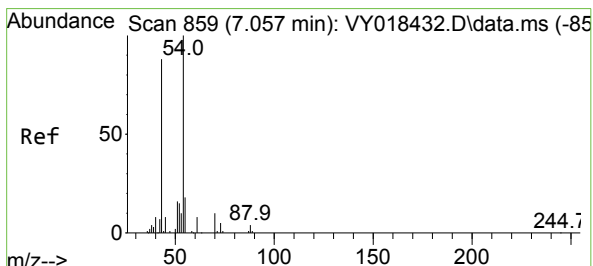
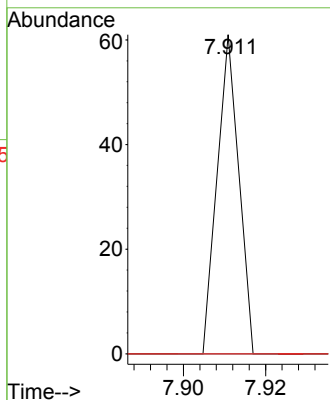
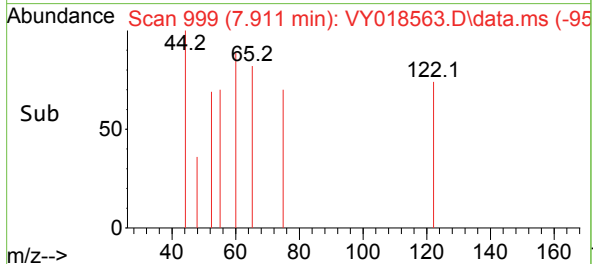


#36
1,1-Dichloropropene
Concen: 1.274 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

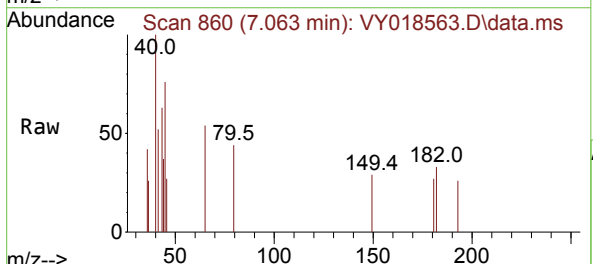
Instrument :
MSVOA_Y
ClientSampleId :



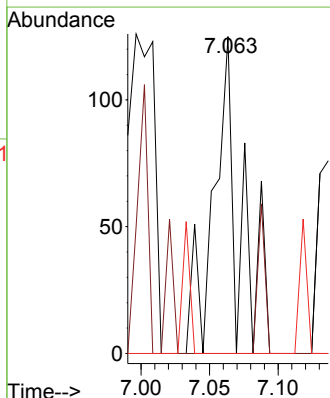
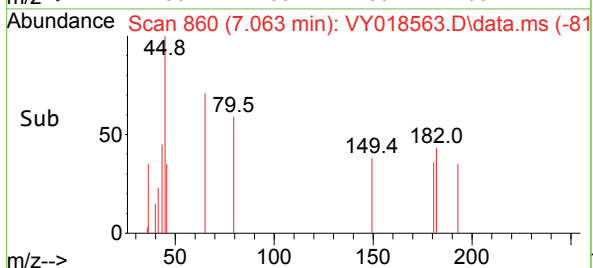
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#

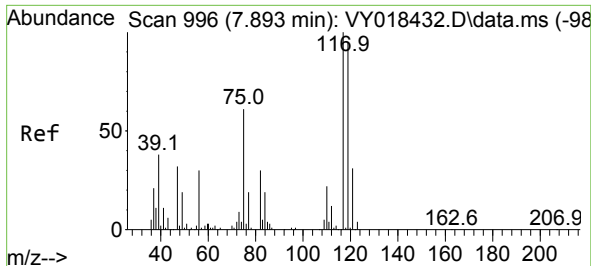


#37
Ethyl Acetate
Concen: 19.477 ug/l
RT: 7.063 min Scan# 860
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36



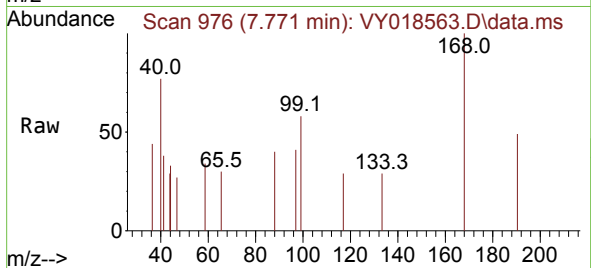
Tgt Ion: 43 Resp: 168
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



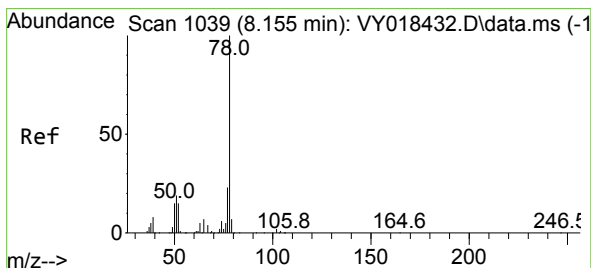
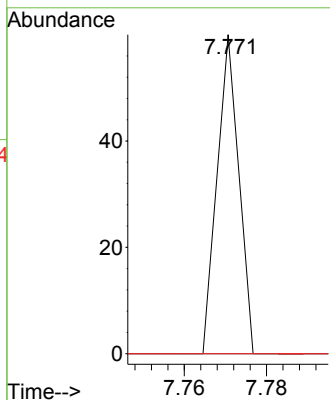
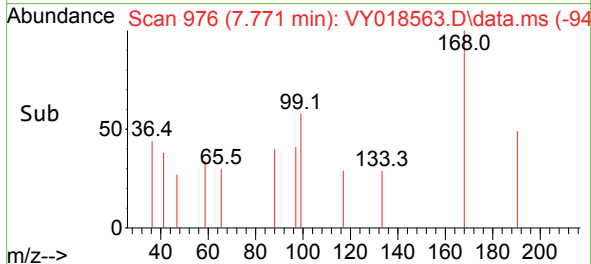


#38
Carbon Tetrachloride
Concen: 1.272 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

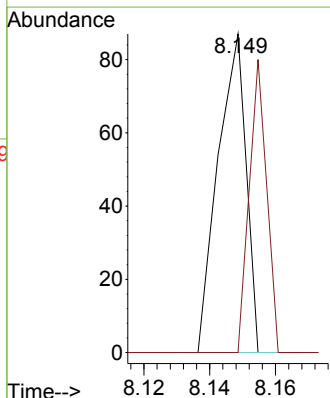
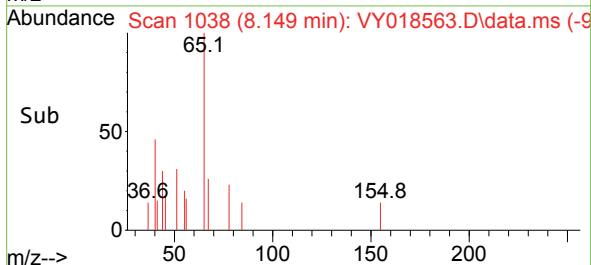
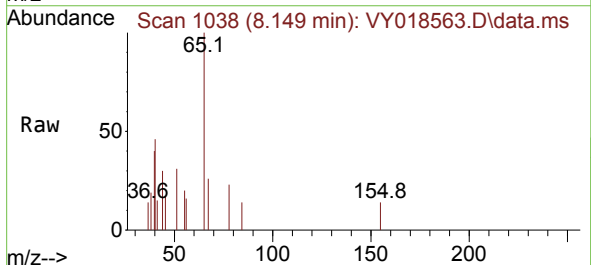


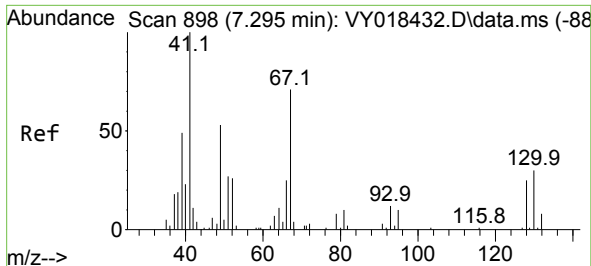
Tgt Ion:117 Resp: 22
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#40
Benzene
Concen: 1.005 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

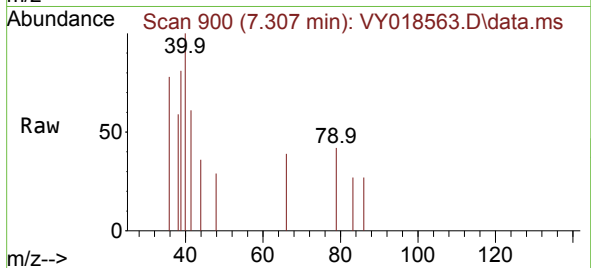
Tgt Ion: 78 Resp: 52
Ion Ratio Lower Upper
78 100
77 0.0 19.5 29.3#



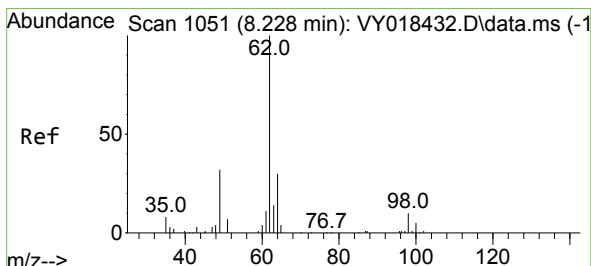
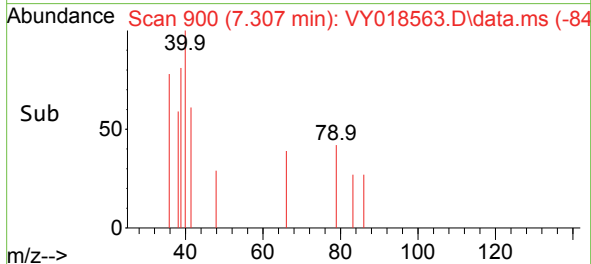
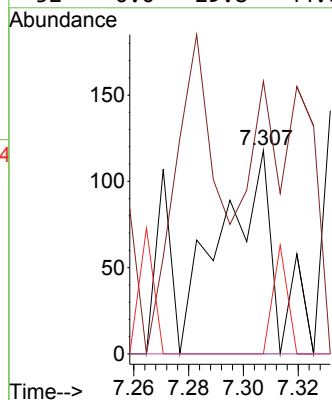


#41
Methacrylonitrile
Concen: 34.083 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

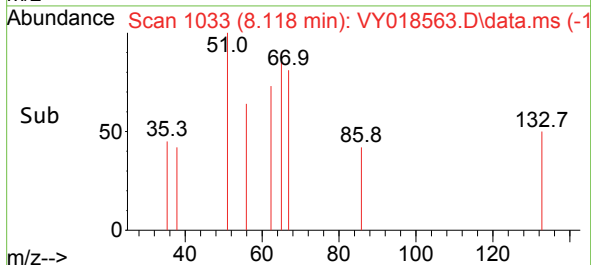
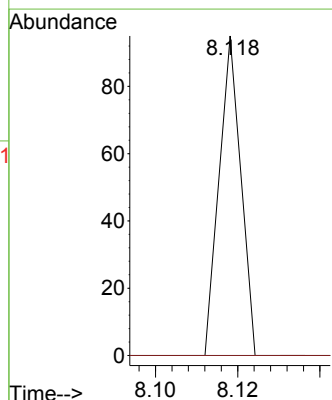
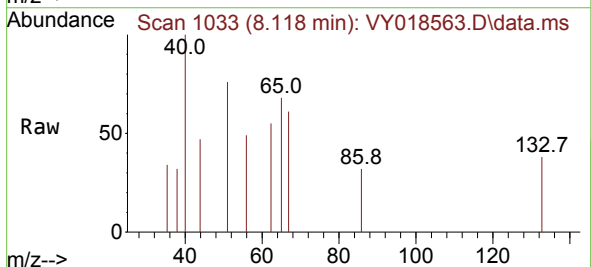


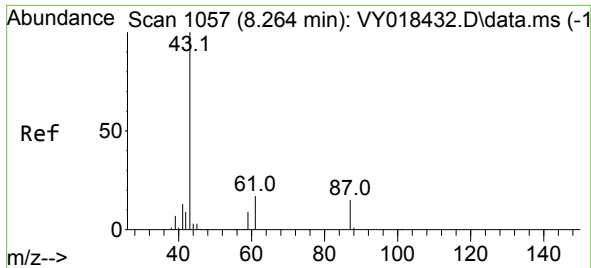
Tgt Ion: 41 Resp: 143
Ion Ratio Lower Upper
41 100
39 162.2 48.0 72.0#
67 16.1 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 2.783 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.110 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

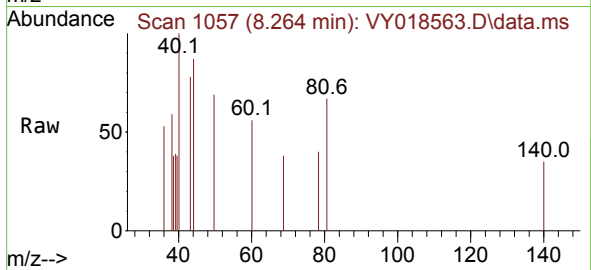
Tgt Ion: 62 Resp: 35
Ion Ratio Lower Upper
62 100
98 0.0 0.0 22.0



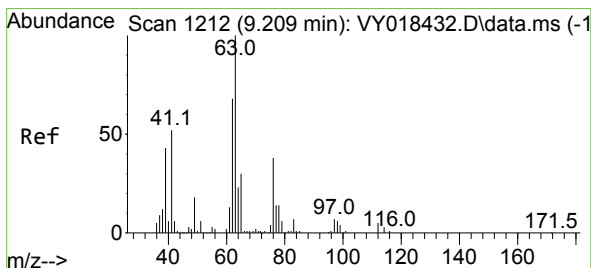
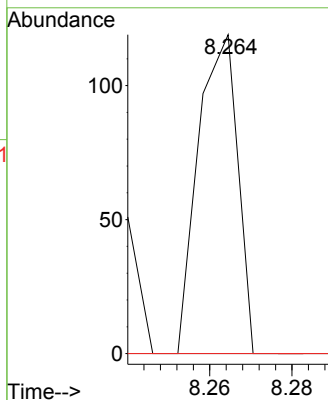
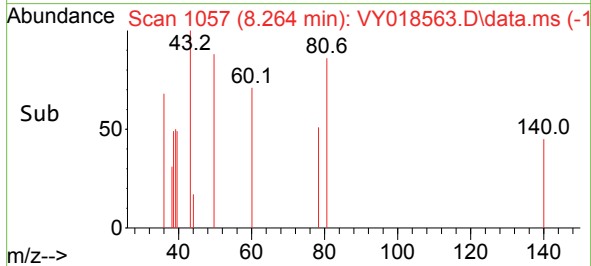


#43
Isopropyl Acetate
Concen: 4.898 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

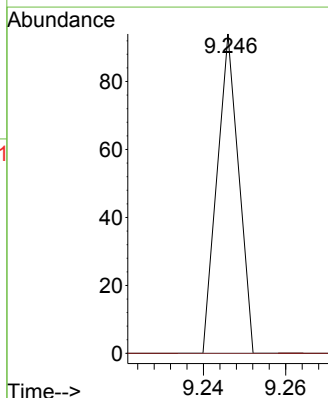
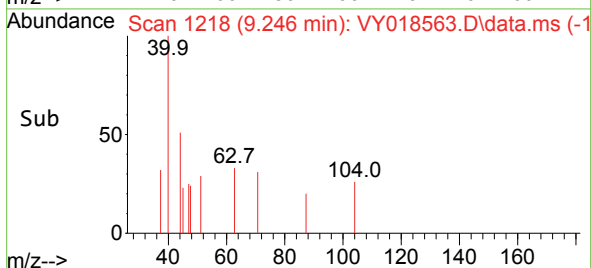
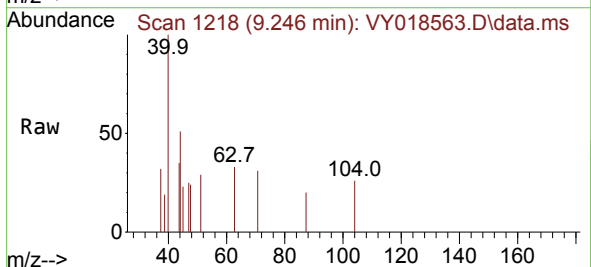


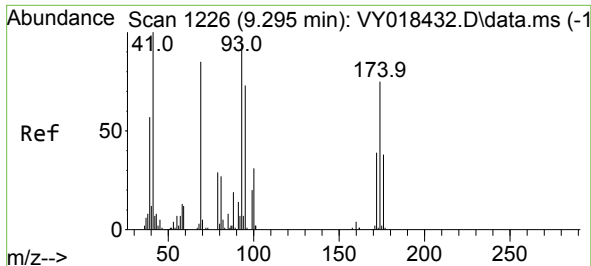
Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	27.9	41.9#
87	0.0	13.1	19.7#



#45
1,2-Dichloropropane
Concen: 2.874 ug/l
RT: 9.246 min Scan# 1218
Delta R.T. 0.037 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

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

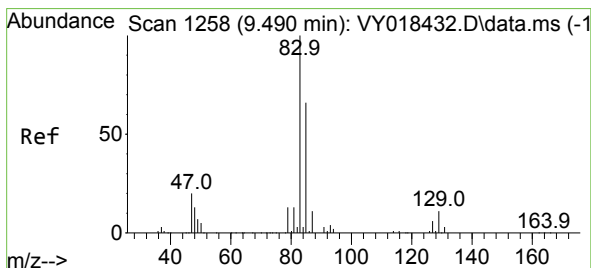
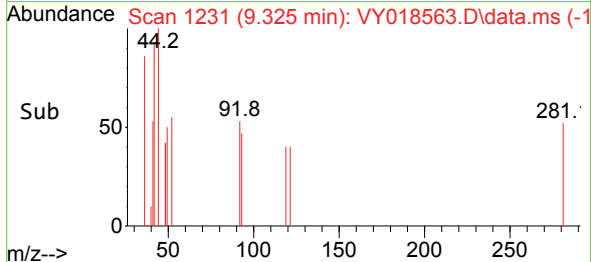
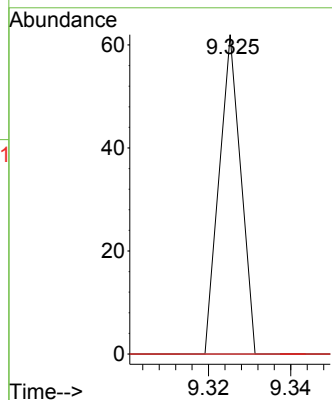
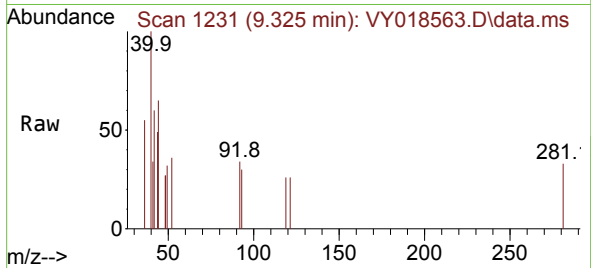




#46
Dibromomethane
Concen: 3.391 ug/l
RT: 9.325 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

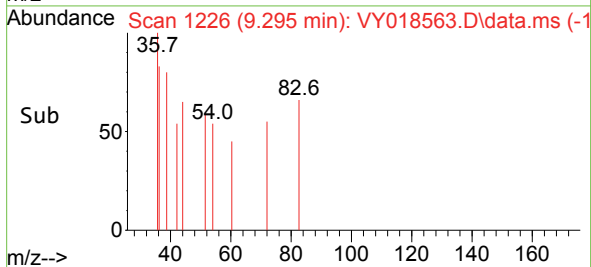
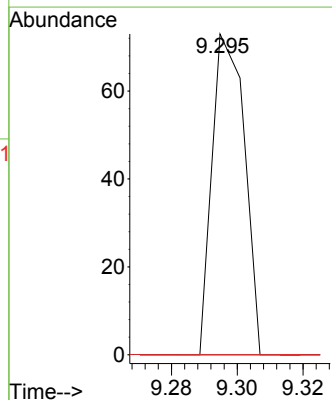
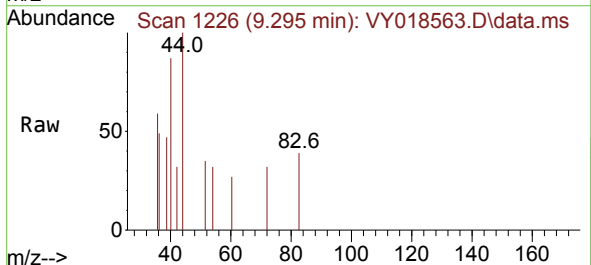
Instrument :
MSVOA_Y
ClientSampleId :

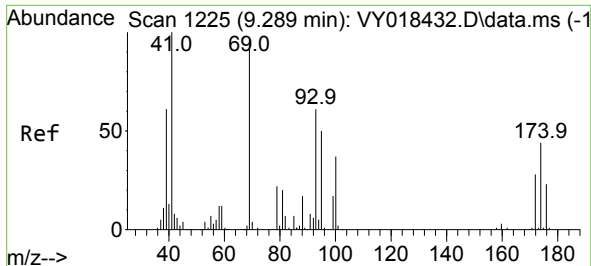
Tgt Ion: 93 Resp: 23
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#



#47
Bromodichloromethane
Concen: 3.071 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.195 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

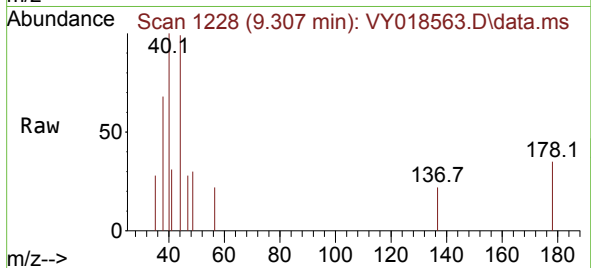
Tgt Ion: 83 Resp: 50
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



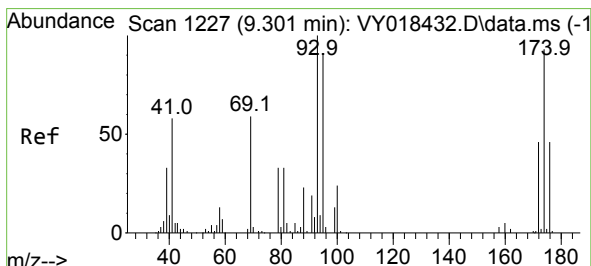
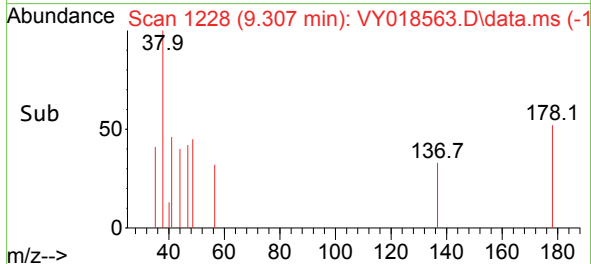
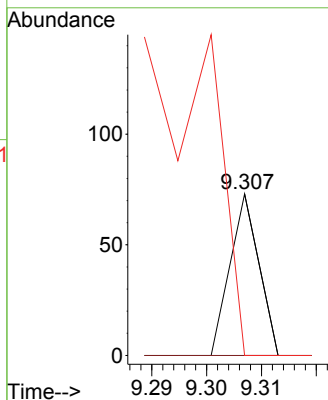


#48
Methyl methacrylate
Concen: 3.639 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

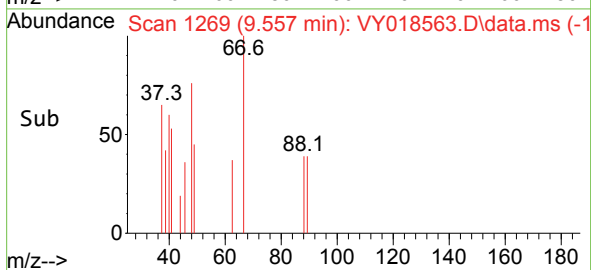
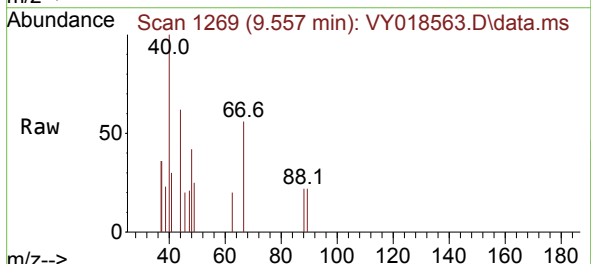
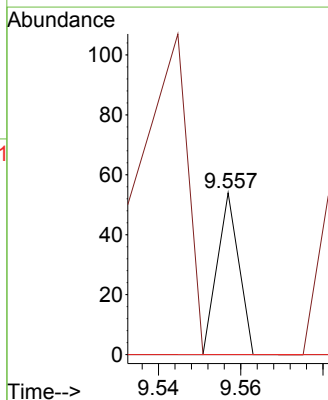


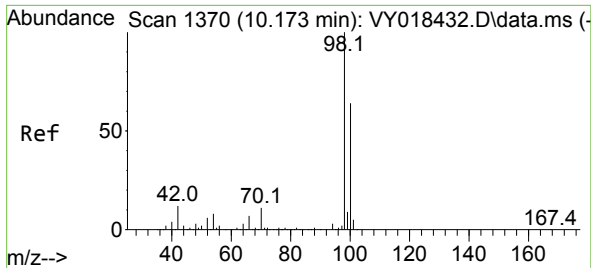
Tgt Ion: 41 Resp: 27
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 625.9 43.6 65.4#



#49
1,4-Dioxane
Concen: 224.520 ug/l
RT: 9.557 min Scan# 1269
Delta R.T. 0.256 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 430.0 0.0 0.0#
58 0.0 49.3 73.9#

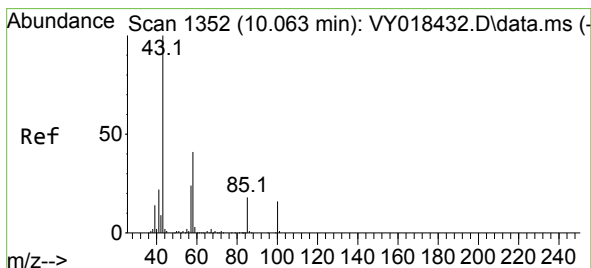
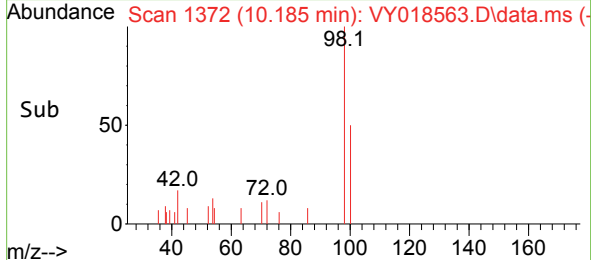
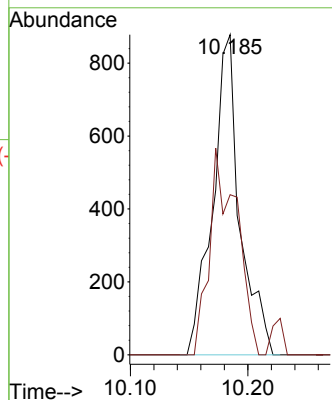
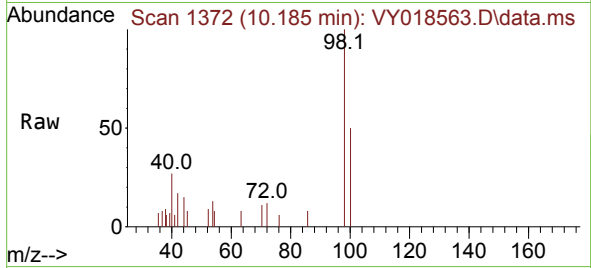




#50
Toluene-d8
Concen: 31.321 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

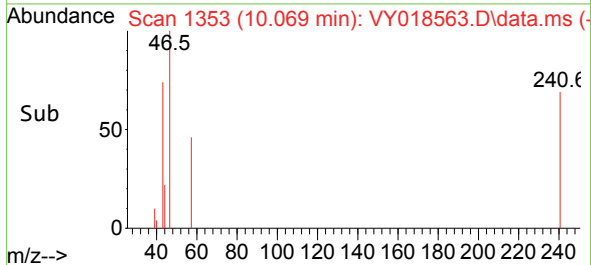
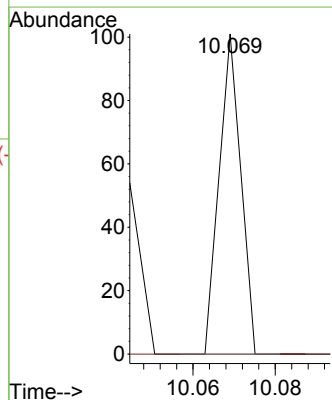
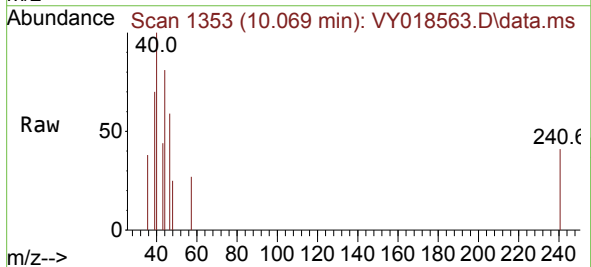
Instrument :
MSVOA_Y
ClientSampleId :

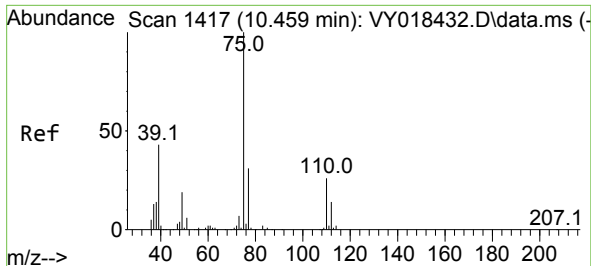
Tgt Ion: 98 Resp: 1411
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 4.418 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

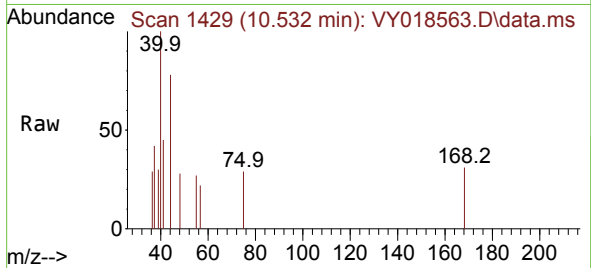
Tgt Ion: 43 Resp: 37
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



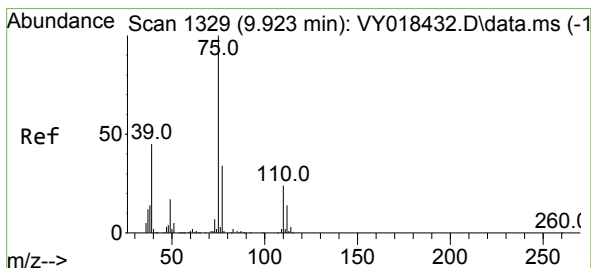
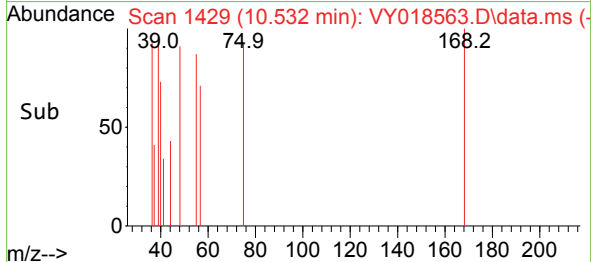
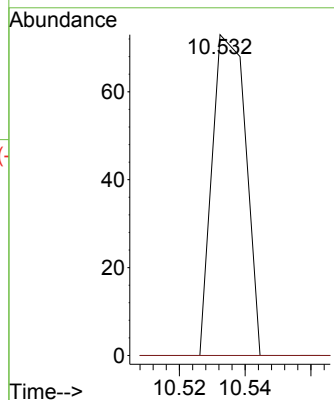


#53
 t-1,3-Dichloropropene
 Concen: 3.478 ug/l
 RT: 10.532 min Scan# 1417
 Delta R.T. 0.073 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :

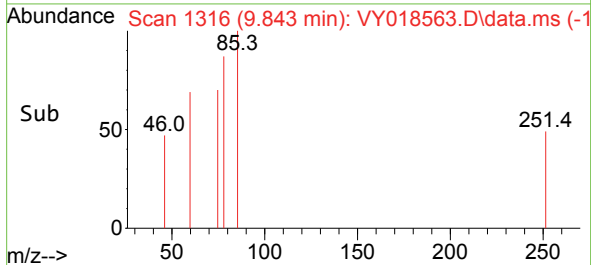
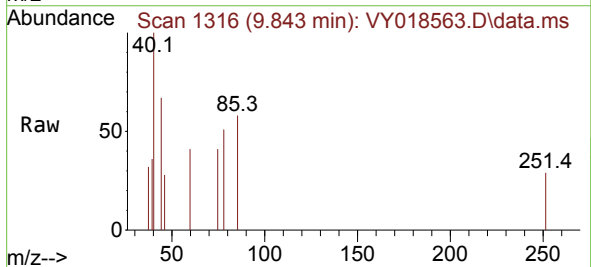
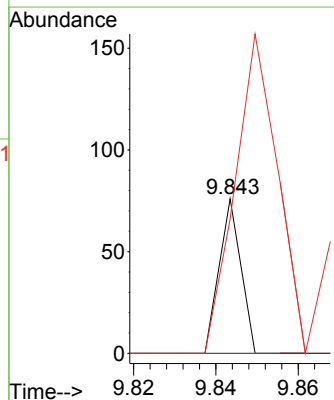


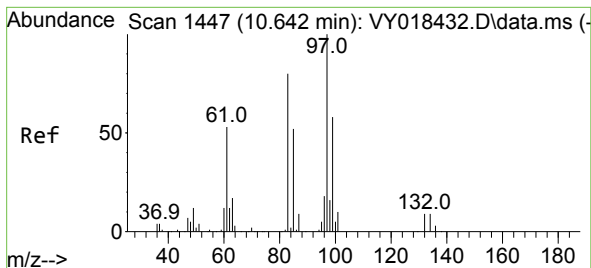
Tgt Ion: 75 Resp: 52
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#



#54
 cis-1,3-Dichloropropene
 Concen: 1.521 ug/l
 RT: 9.843 min Scan# 1316
 Delta R.T. -0.079 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

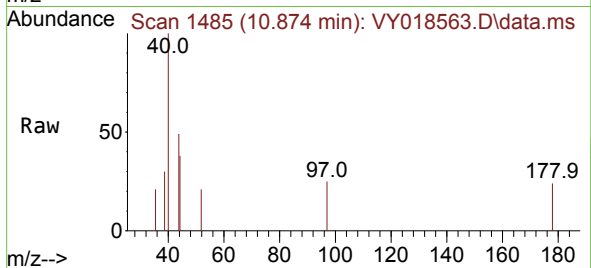
Tgt Ion: 75 Resp: 28
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 86.8 29.8 44.6#



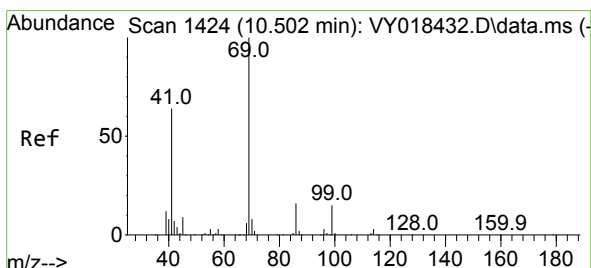
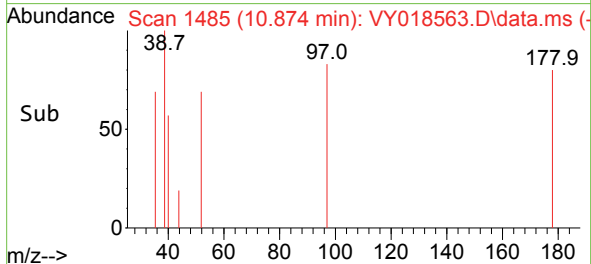
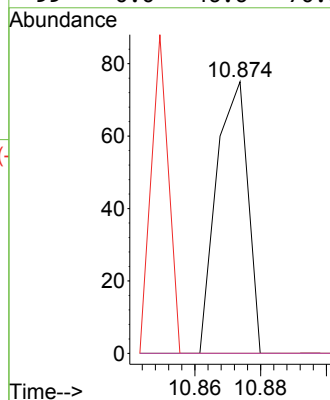


#55
1,1,2-Trichloroethane
Concen: 5.552 ug/l
RT: 10.874 min Scan# 1447
Delta R.T. 0.232 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

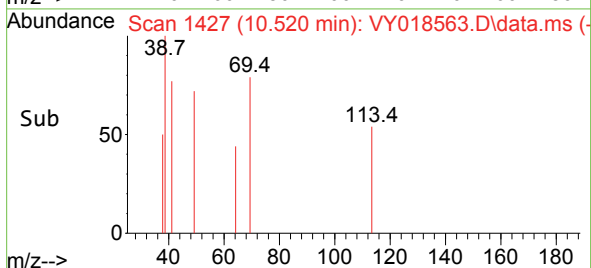
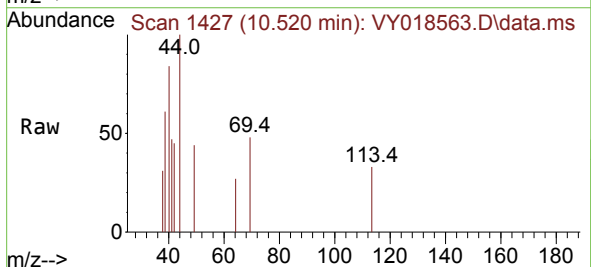
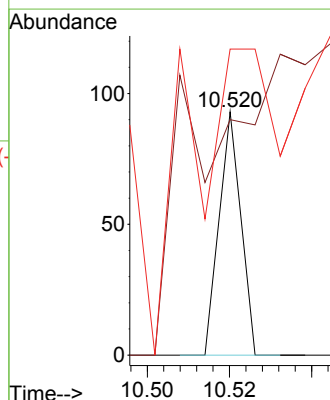


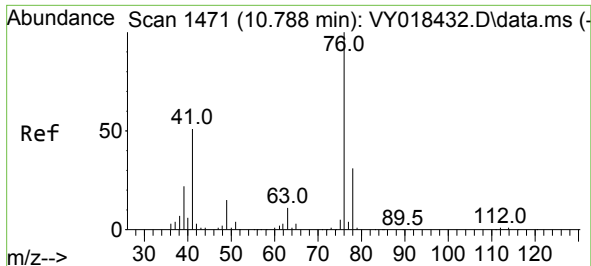
Tgt Ion: 97	Resp: 49
Ion Ratio	Lower Upper
97 100	
83 0.0	67.5 101.3#
85 0.0	42.9 64.3#
99 0.0	46.6 70.0#



#56
Ethyl methacrylate
Concen: 2.738 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.018 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 69	Resp:	34	
Ion	Ratio	Lower	Upper
69	100		
41	0.0	42.3	63.5#
39	514.7	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 1.335 ug/l

RT: 10.673 min Scan# 1471

Delta R.T. -0.116 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

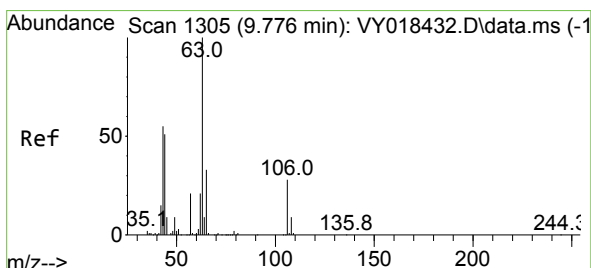
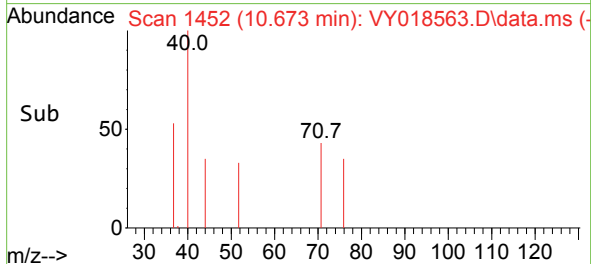
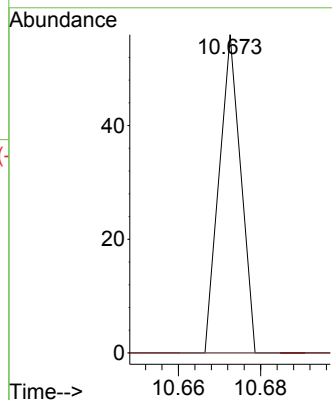
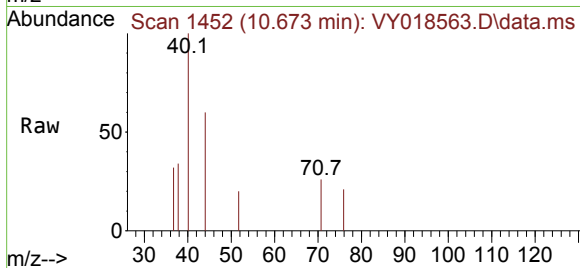
ClientSampleId :

Tgt Ion: 76 Resp: 20

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.4#



#58

2-Chloroethyl Vinyl ether

Concen: 2.849 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY018563.D

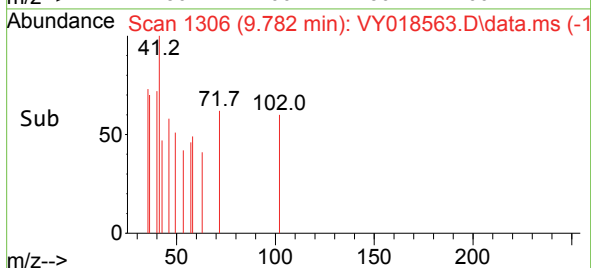
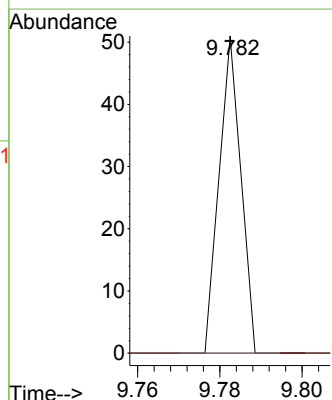
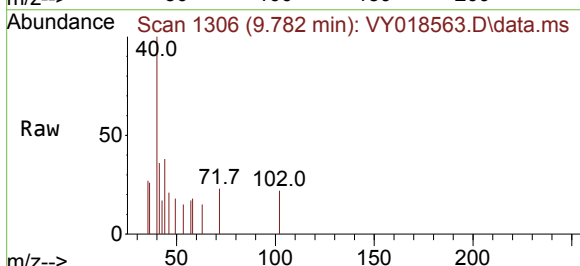
Acq: 11 Jun 2024 17:36

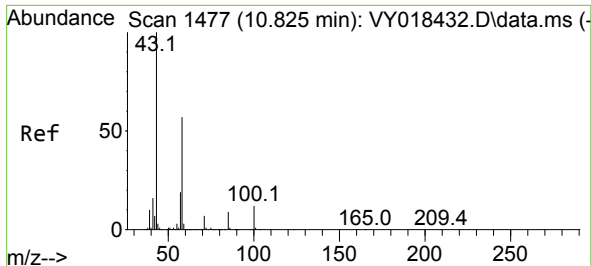
Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

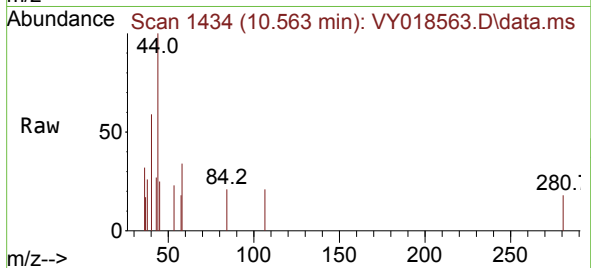
106 0.0 23.7 35.5#



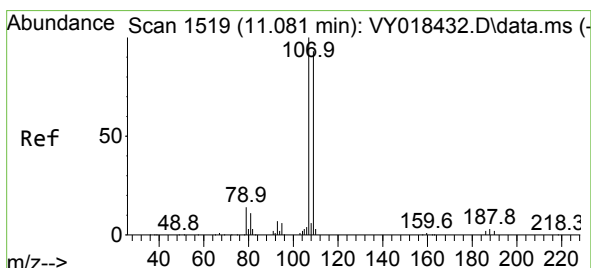
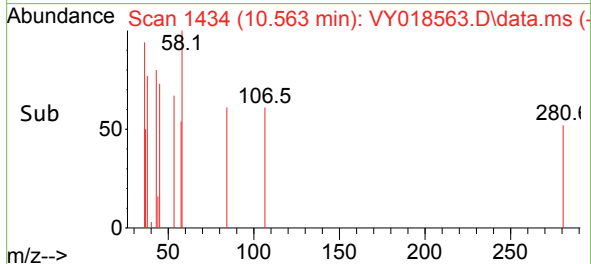
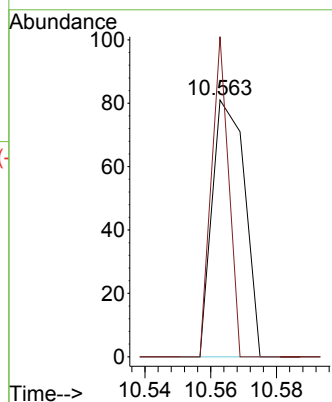


#59
2-Hexanone
Concen: 9.676 ug/l
RT: 10.563 min Scan# 1477
Delta R.T. -0.262 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

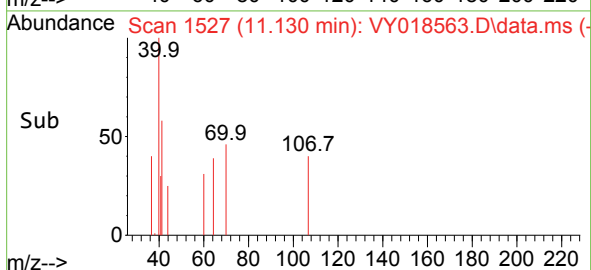
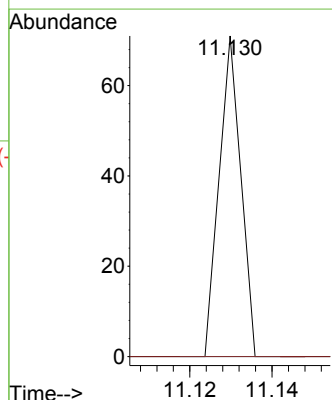
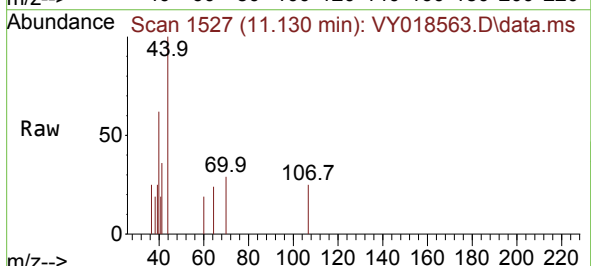


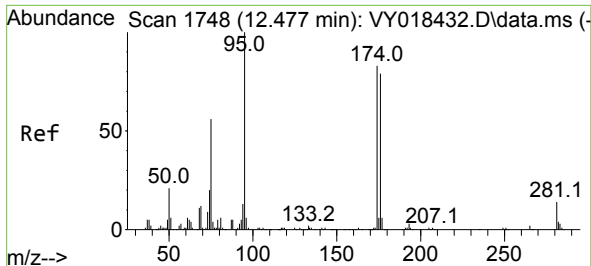
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 66.1 31.4 94.0



#61
1,2-Dibromoethane
Concen: 3.129 ug/l
RT: 11.130 min Scan# 1527
Delta R.T. 0.049 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

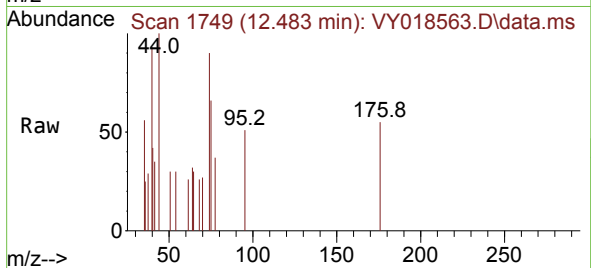
Tgt Ion: 107 Resp: 26
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



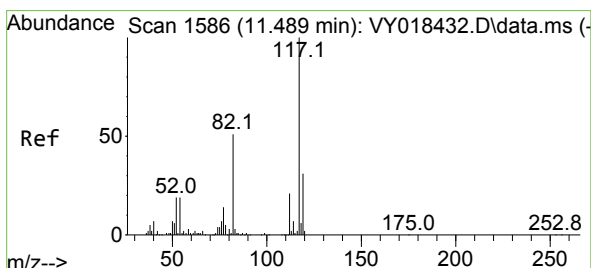
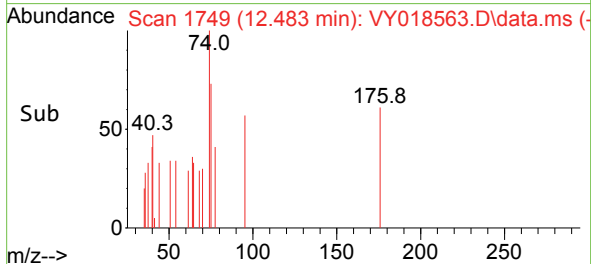
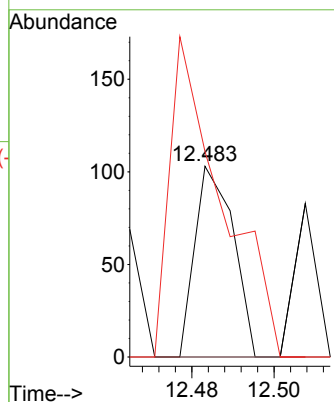


#62
4-Bromofluorobenzene
Concen: 4.777 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

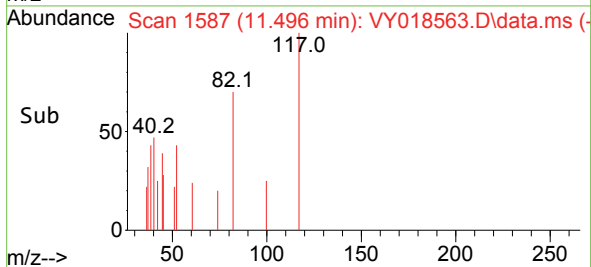
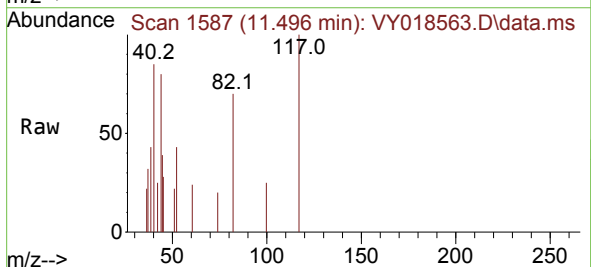
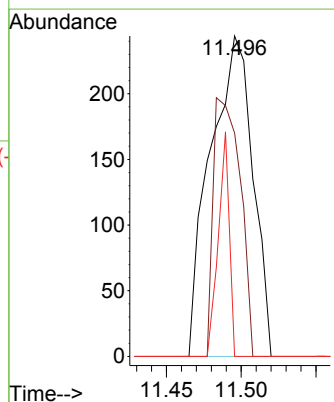


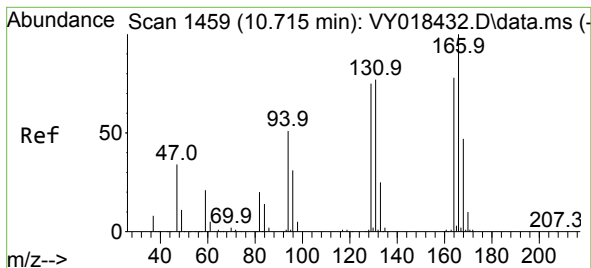
Tgt Ion: 95 Resp: 67
Ion Ratio Lower Upper
95 100
174 0.0 0.0 175.6
176 228.4 0.0 171.4#



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 117 Resp: 481
Ion Ratio Lower Upper
117 100
82 69.7 42.4 63.6#
119 0.0 25.9 38.9#





#64

Tetrachloroethene

Concen: 3.387 ug/l

RT: 10.703 min Scan# 1459

Delta R.T. -0.012 min

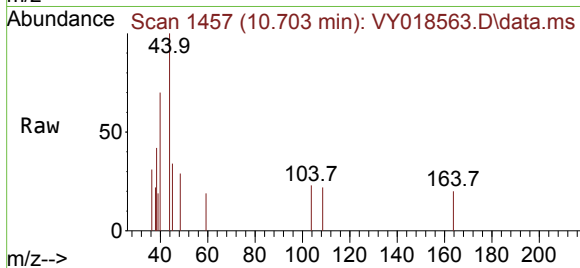
Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 24

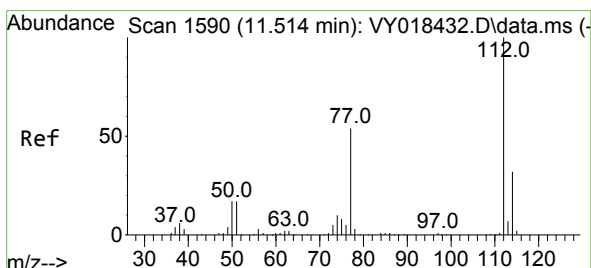
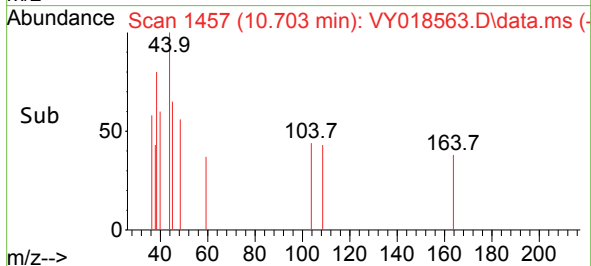
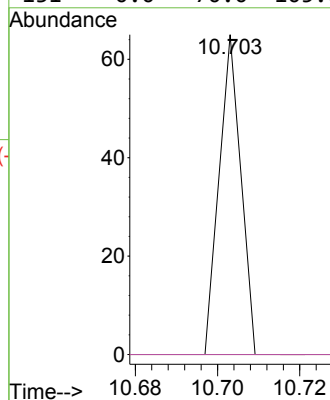
Ion Ratio Lower Upper

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: 1.842 ug/l

RT: 11.270 min Scan# 1550

Delta R.T. -0.244 min

Lab File: VY018563.D

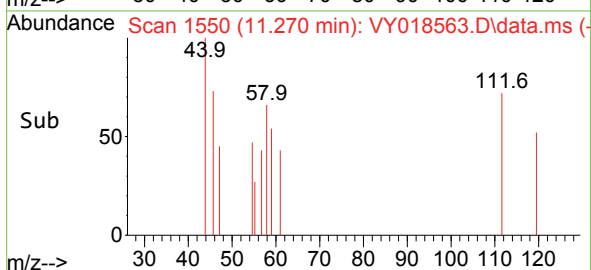
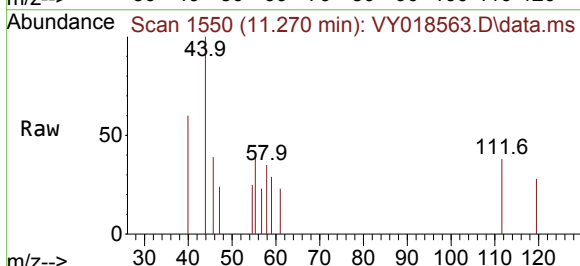
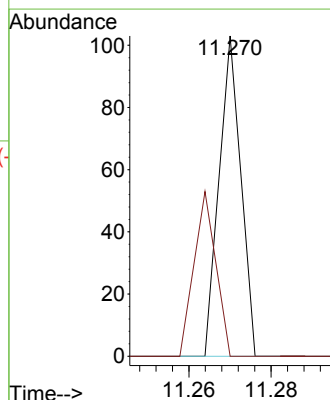
Acq: 11 Jun 2024 17:36

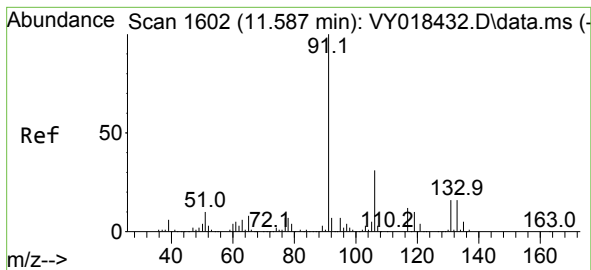
Tgt Ion:112 Resp: 38

Ion Ratio Lower Upper

112 100

114 0.0 26.4 39.6#

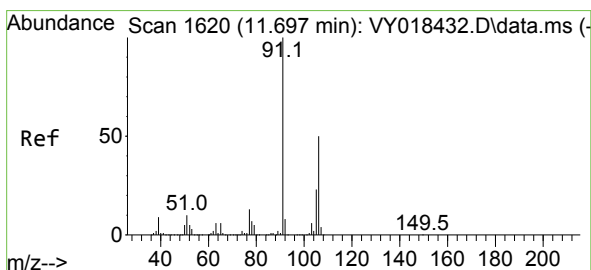
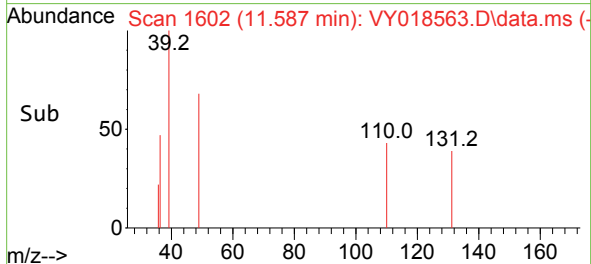
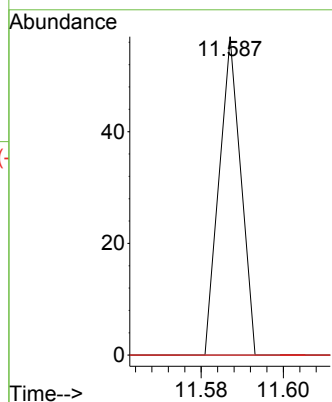
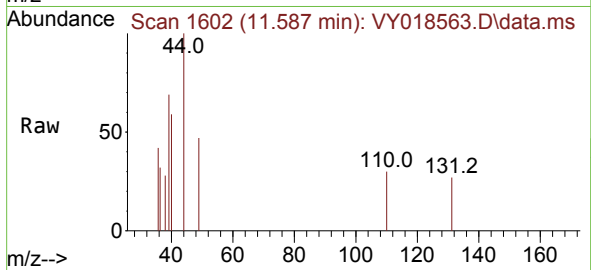




#66
 1,1,1,2-Tetrachloroethane
 Concen: 3.149 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

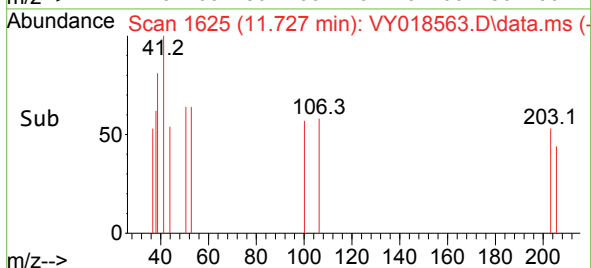
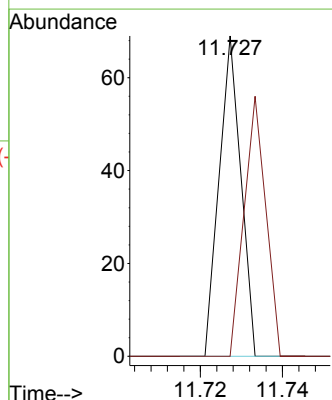
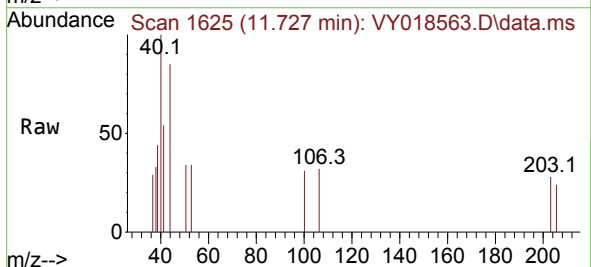
Instrument :
 MSVOA_Y
 ClientSampleId :

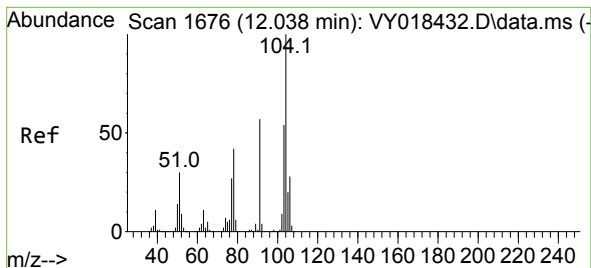
Tgt Ion:131 Resp: 21
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.8 143.3#
 119 0.0 34.1 102.2#



#68
 m/p-Xylenes
 Concen: 1.768 ug/l
 RT: 11.727 min Scan# 1625
 Delta R.T. 0.030 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

Tgt Ion:106 Resp: 25
 Ion Ratio Lower Upper
 106 100
 91 80.0 156.0 234.0#





#70

Styrene

Concen: 3.013 ug/l

RT: 12.178 min Scan# 1699

Delta R.T. 0.140 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

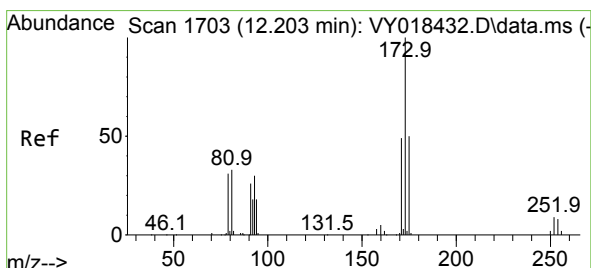
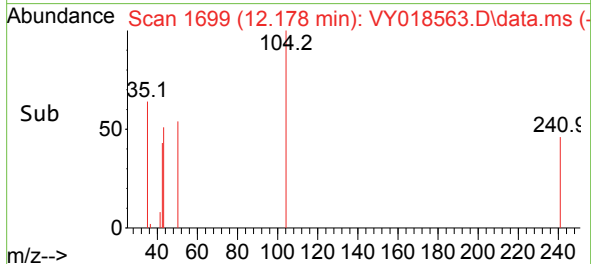
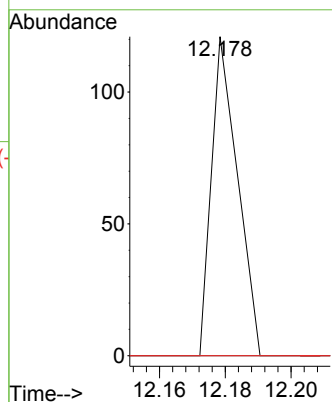
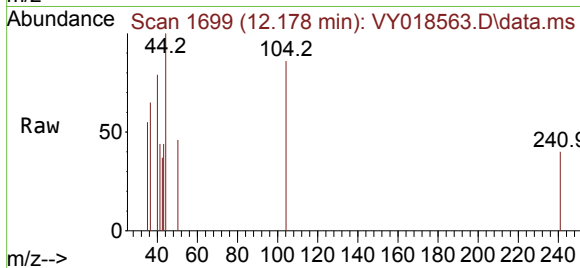
Tgt Ion:104 Resp: 67

Ion Ratio Lower Upper

104 100

78 0.0 37.0 55.4#

103 0.0 44.2 66.2#



#71

Bromoform

Concen: 5.977 ug/l

RT: 11.959 min Scan# 1663

Delta R.T. -0.244 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

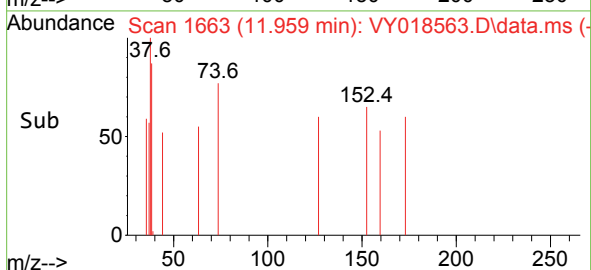
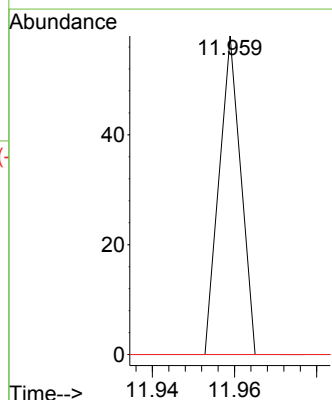
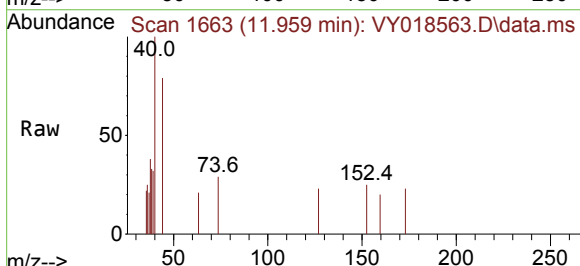
Tgt Ion:173 Resp: 21

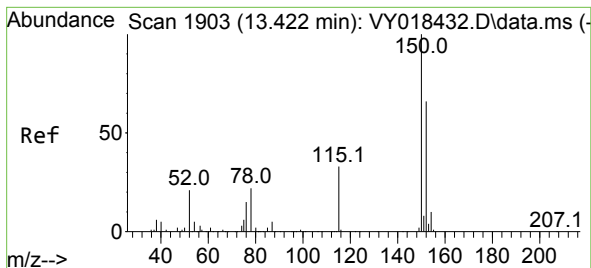
Ion Ratio Lower Upper

173 100

175 0.0 25.1 75.3#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

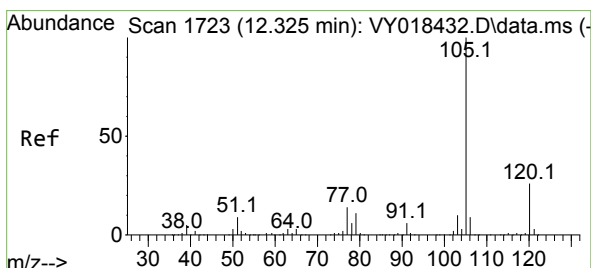
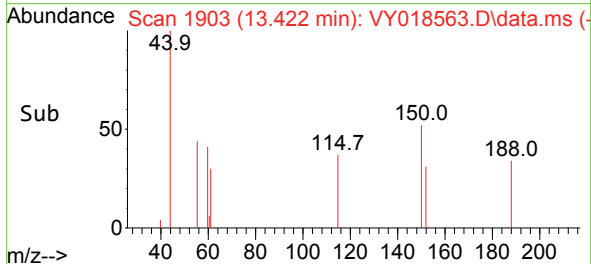
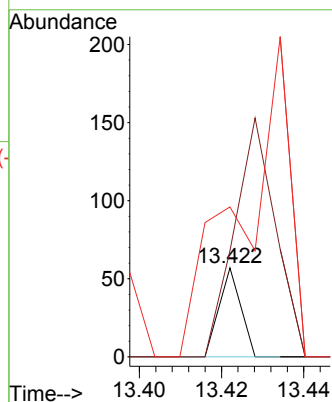
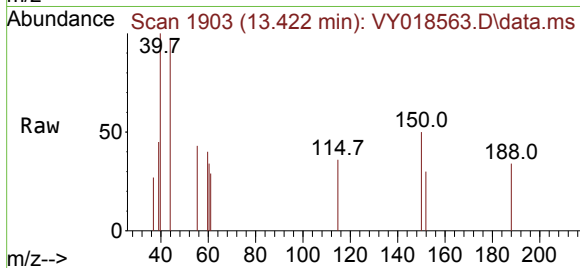
Tgt Ion:152 Resp: 21

Ion Ratio Lower Upper

152 100

115 504.8 28.2 84.7#

150 790.5 0.0 345.6#



#73

Isopropylbenzene

Concen: 29.995 ug/l

RT: 12.282 min Scan# 1716

Delta R.T. -0.043 min

Lab File: VY018563.D

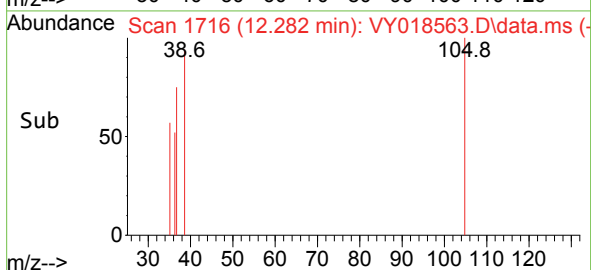
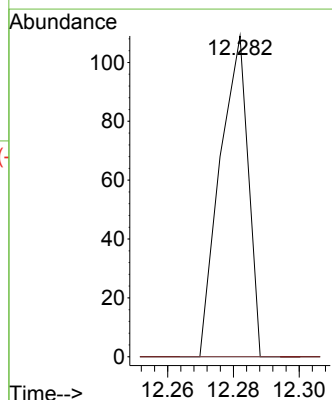
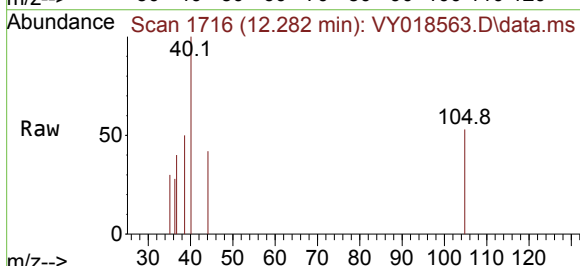
Acq: 11 Jun 2024 17:36

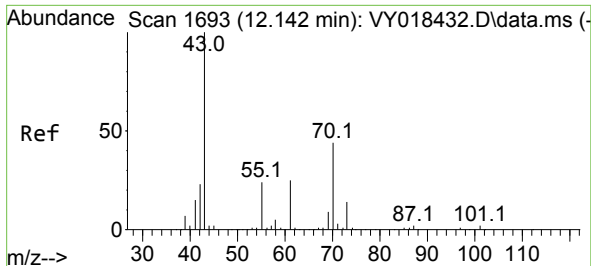
Tgt Ion:105 Resp: 65

Ion Ratio Lower Upper

105 100

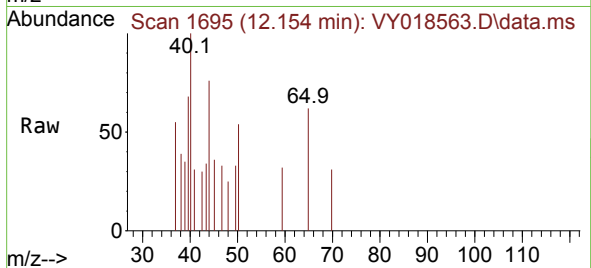
120 0.0 13.4 40.1#



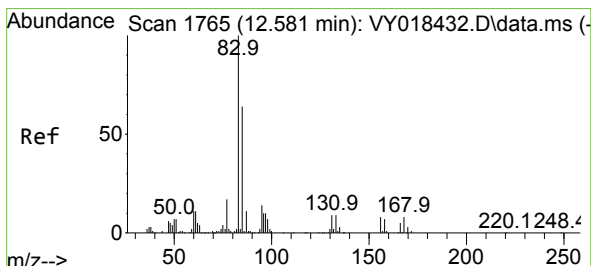
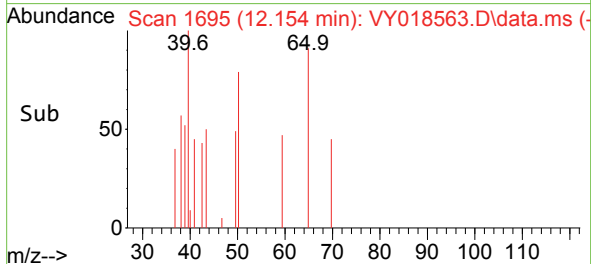
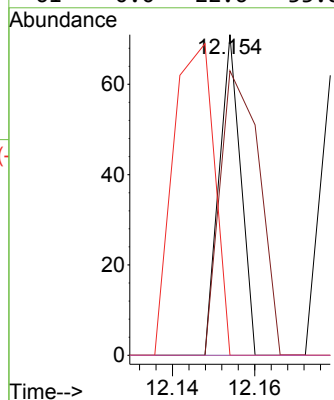


#74
N-amy1 acetate
Concen: 49.291 ug/l
RT: 12.154 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Instrument :
MSVOA_Y
ClientSampleId :

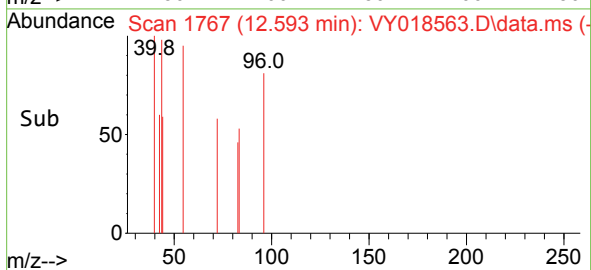
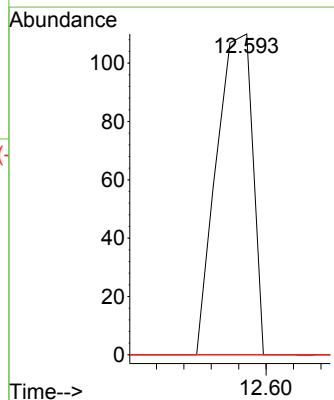
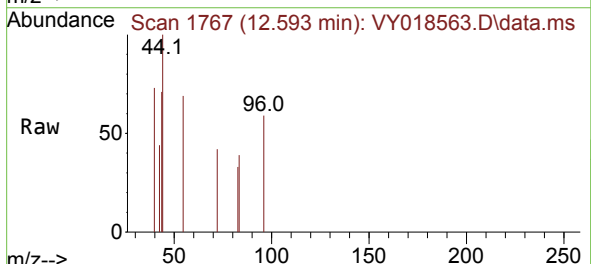


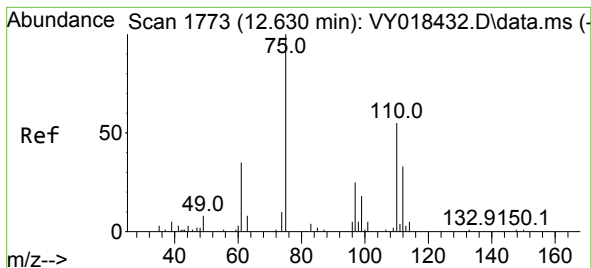
Tgt Ion: 43	Resp: 26
Ion Ratio	Lower Upper
43 100	
70 161.5	41.4 62.2#
55 184.6	23.3 34.9#
61 0.0	22.6 33.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 264.762 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.012 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 83	Resp: 101
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 14.9#
85 0.0	32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 215.052 ug/l

RT: 12.666 min Scan# 11

Delta R.T. 0.037 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

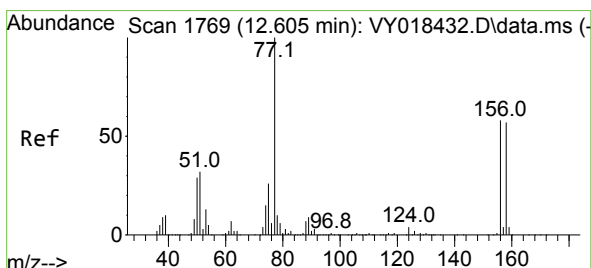
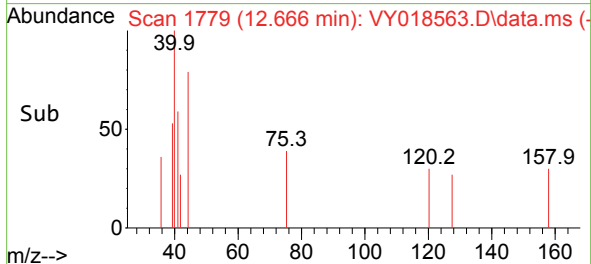
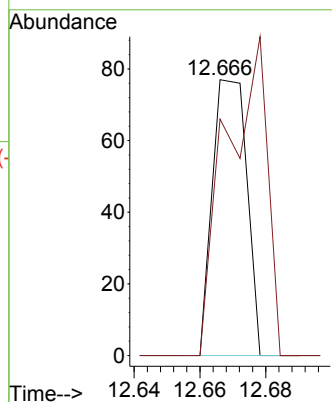
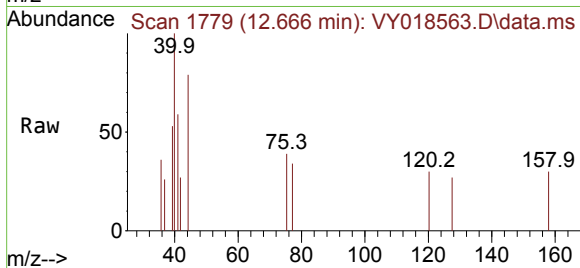
ClientSampleId :

Tgt Ion: 75 Resp: 56

Ion Ratio Lower Upper

75 100

77 137.5 0.0 0.0#



#77

Bromobenzene

Concen: 95.628 ug/l

RT: 12.794 min Scan# 1800

Delta R.T. 0.189 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

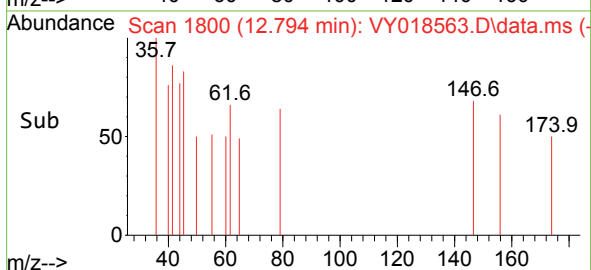
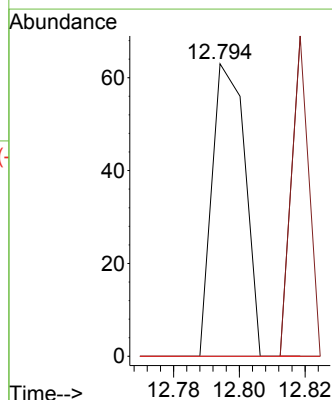
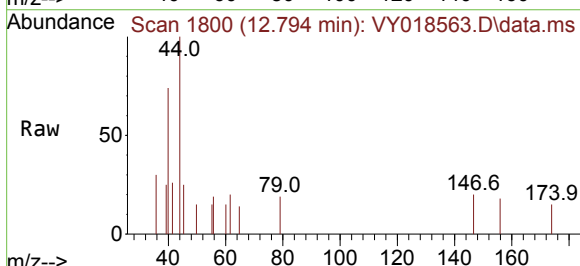
Tgt Ion: 156 Resp: 44

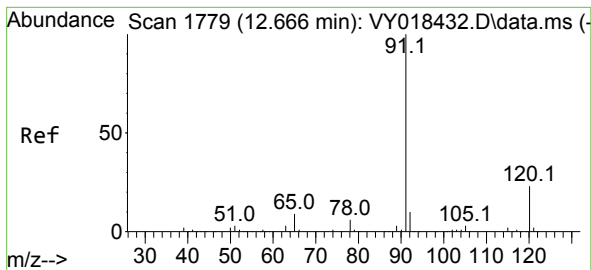
Ion Ratio Lower Upper

156 100

77 0.0 87.1 261.3#

158 0.0 48.6 145.9#





#78

n-propylbenzene

Concen: 9.612 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.024 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

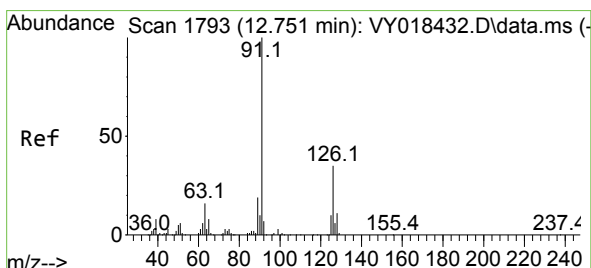
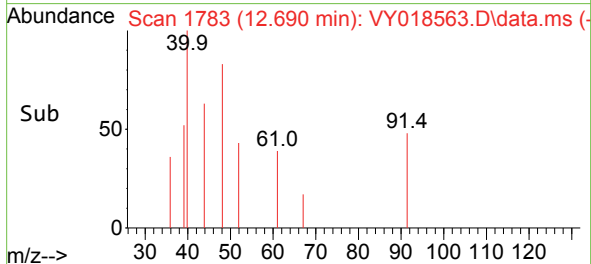
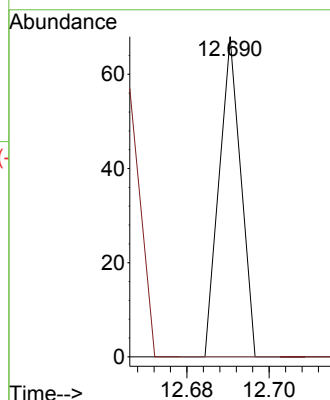
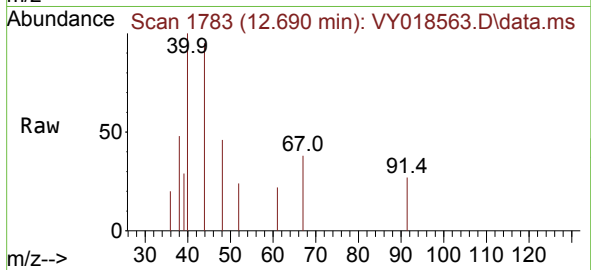
ClientSampleId :

Tgt Ion: 91 Resp: 25

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 17.681 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. -0.061 min

Lab File: VY018563.D

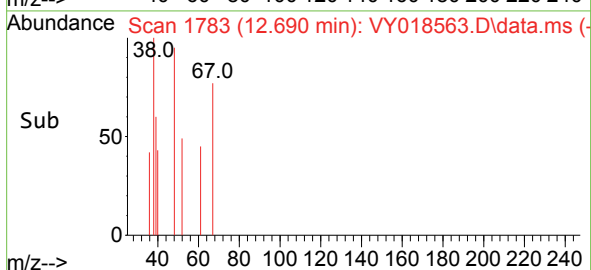
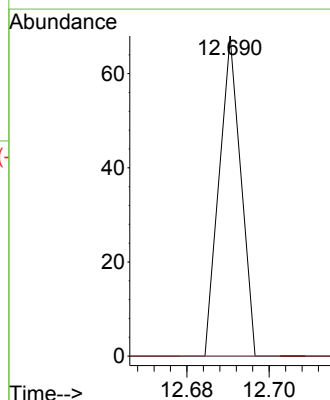
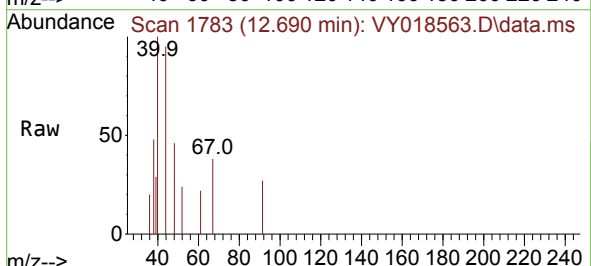
Acq: 11 Jun 2024 17:36

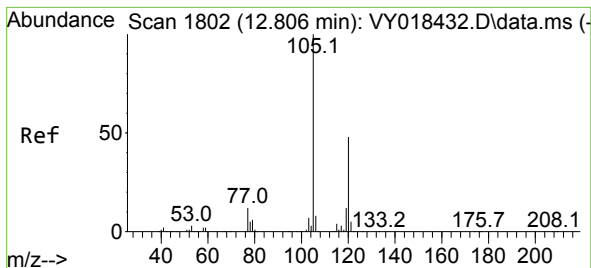
Tgt Ion: 91 Resp: 25

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 11.257 ug/l

RT: 12.721 min Scan# 11

Delta R.T. -0.085 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

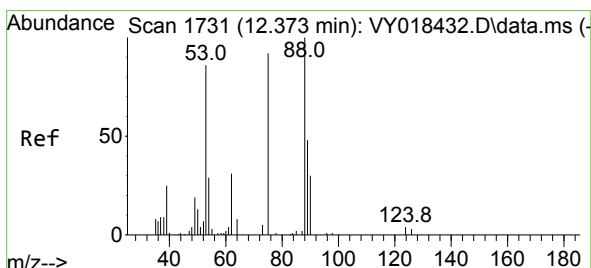
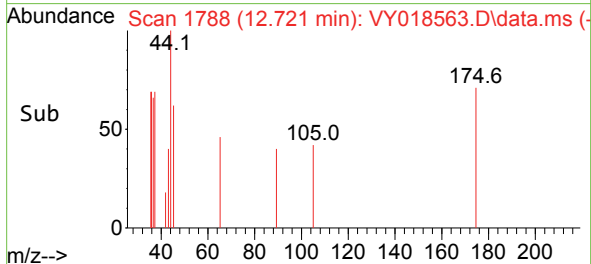
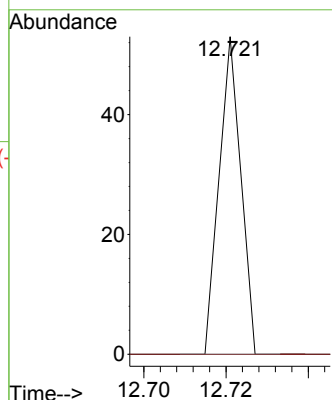
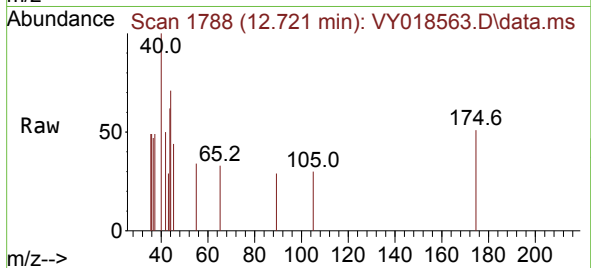
ClientSampleId :

Tgt Ion:105 Resp: 19

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 661.578 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.110 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

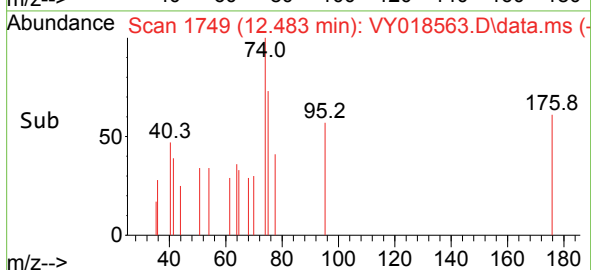
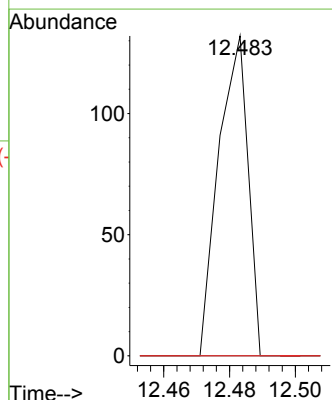
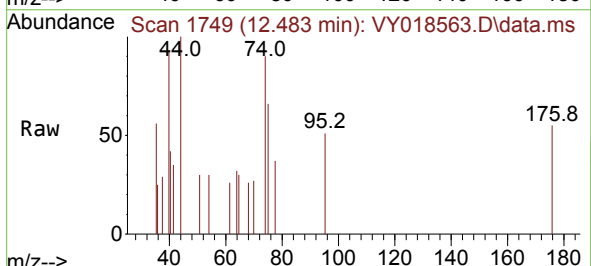
Tgt Ion: 75 Resp: 82

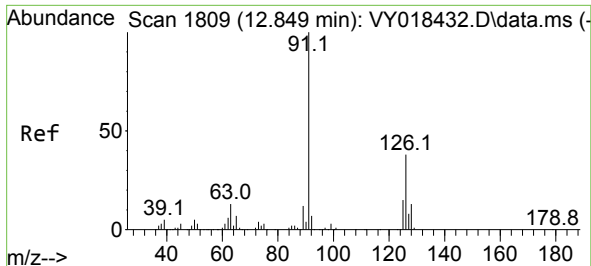
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

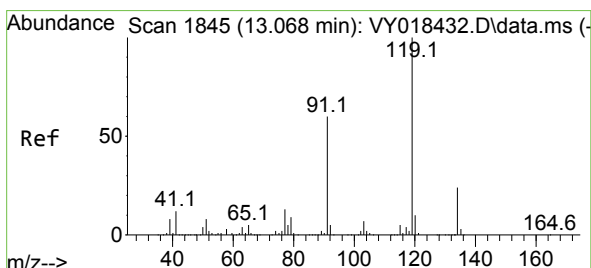
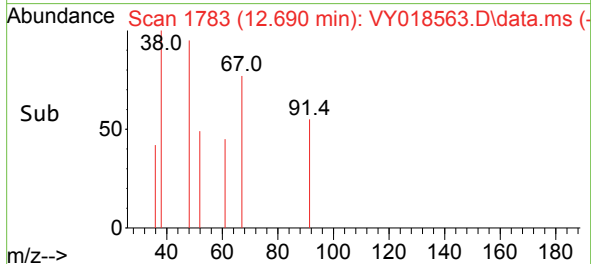
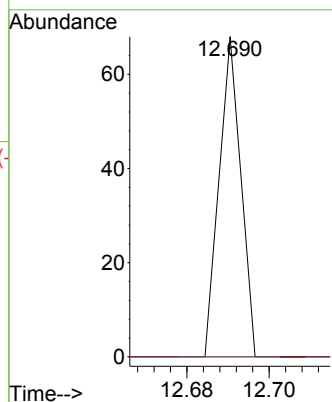
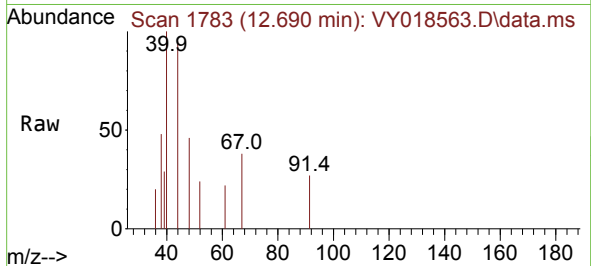




#82
4-Chlorotoluene
Concen: 17.570 ug/l
RT: 12.690 min Scan# 11
Delta R.T. -0.159 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

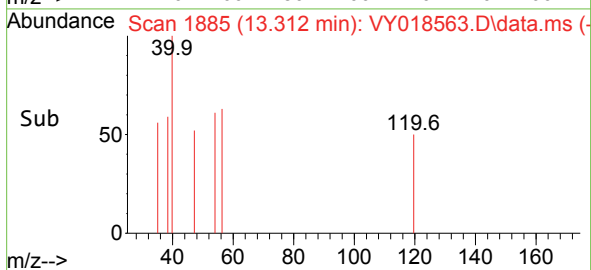
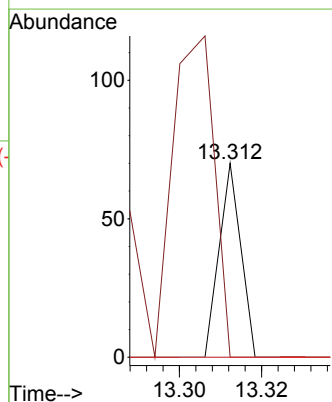
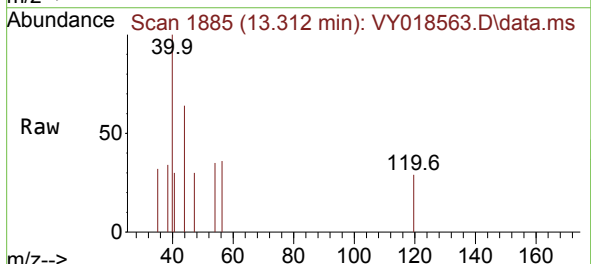
Instrument :
MSVOA_Y
ClientSampleId :

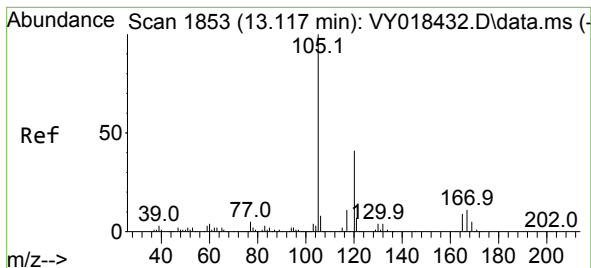
Tgt Ion: 91 Resp: 25
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#83
tert-Butylbenzene
Concen: 16.659 ug/l
RT: 13.312 min Scan# 1885
Delta R.T. 0.244 min
Lab File: VY018563.D
Acq: 11 Jun 2024 17:36

Tgt Ion: 119 Resp: 26
Ion Ratio Lower Upper
119 100
91 388.5 31.3 93.8#
134 0.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 30.864 ug/l

RT: 13.032 min Scan# 11

Delta R.T. -0.085 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

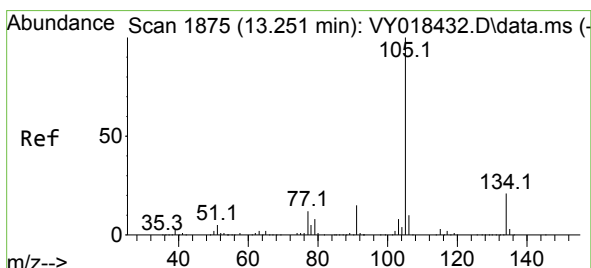
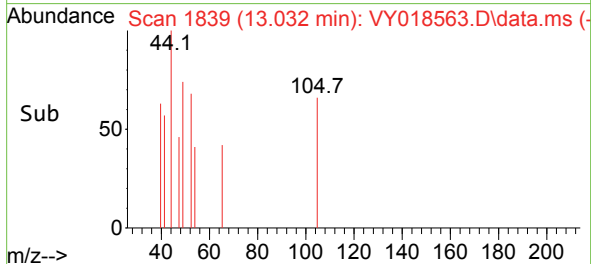
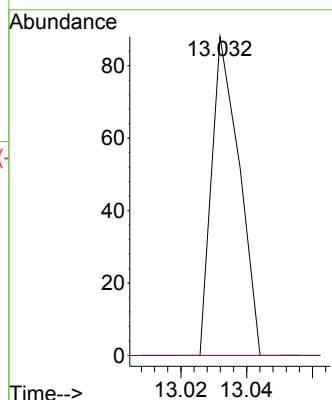
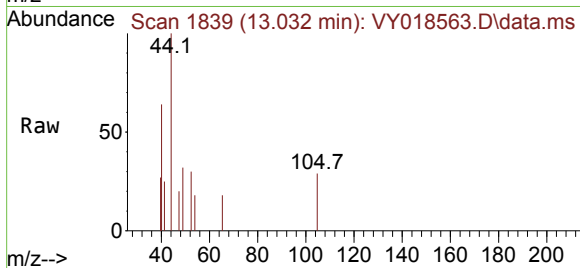
ClientSampleId :

Tgt Ion:105 Resp: 51

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#85

sec-Butylbenzene

Concen: 9.136 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.207 min

Lab File: VY018563.D

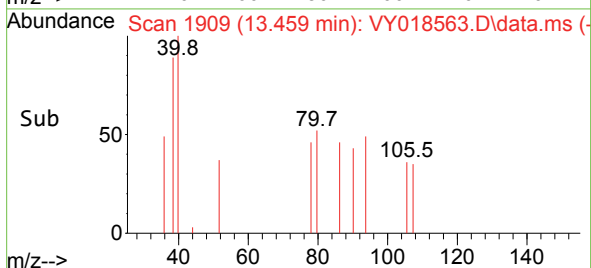
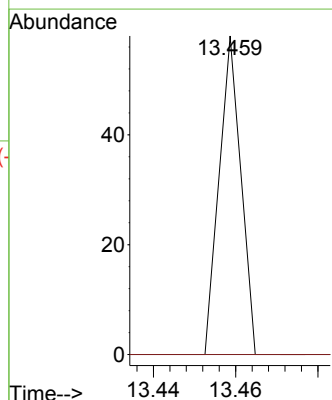
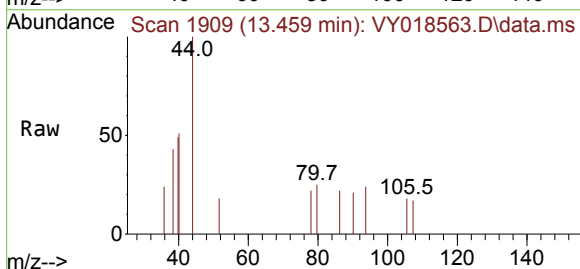
Acq: 11 Jun 2024 17:36

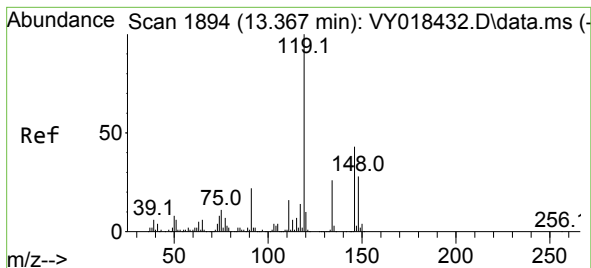
Tgt Ion:105 Resp: 21

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 14.016 ug/l

RT: 13.312 min Scan# 11

Delta R.T. -0.055 min

Lab File: VY018563.D

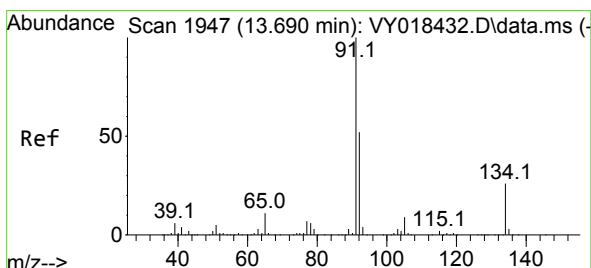
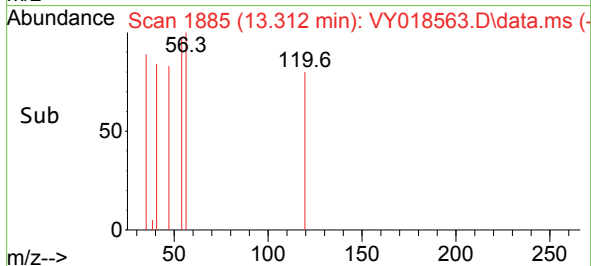
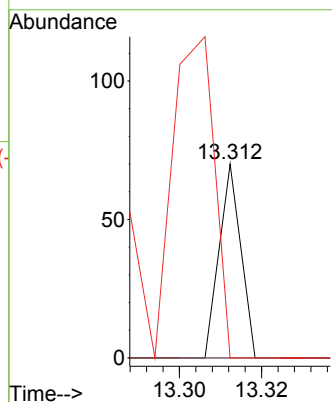
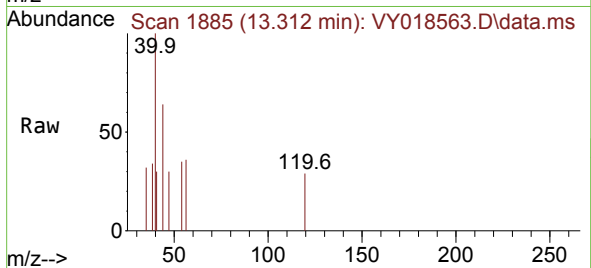
Acq: 11 Jun 2024 17:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	119	Resp:	26
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.1	39.3#
91	388.5	10.7	32.1#



#89

n-Butylbenzene

Concen: 11.913 ug/l

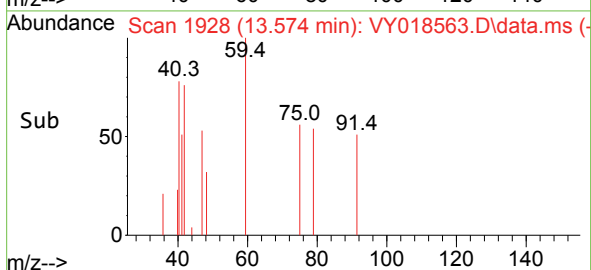
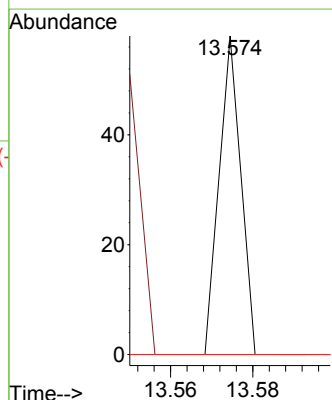
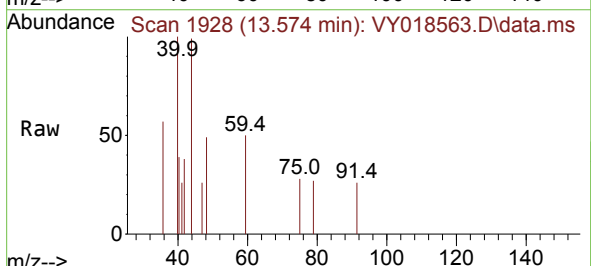
RT: 13.574 min Scan# 1928

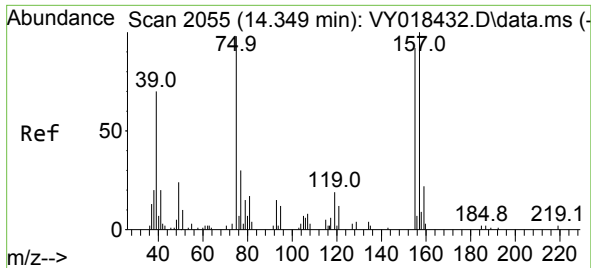
Delta R.T. -0.116 min

Lab File: VY018563.D

Acq: 11 Jun 2024 17:36

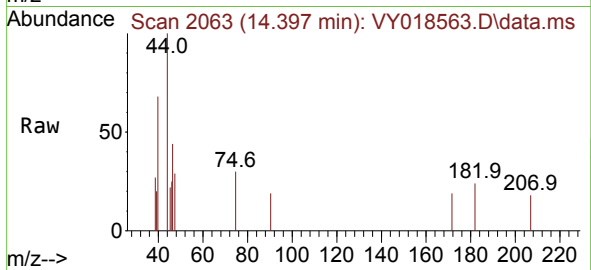
Tgt Ion:	91	Resp:	21
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.6	79.7#
134	0.0	12.9	38.7#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 913.010 ug/l
 RT: 14.397 min Scan# 20
 Delta R.T. 0.049 min
 Lab File: VY018563.D
 Acq: 11 Jun 2024 17:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 53
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

