

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018487.D
 Acq On : 05 Jun 2024 16:11
 Operator : SY/MD
 Sample : P2712-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:56:36 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	899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1385	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	531	30.077	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	60.160%
35) Dibromofluoromethane	7.704	113	934	36.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.900%
50) Toluene-d8	10.179	98	2938	28.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	57.640%#
62) 4-Bromofluorobenzene	12.477	95	323	10.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.949	85	39	2.732	ug/l #	43
3) Chloromethane	2.113	50	209	7.849	ug/l #	43
4) Vinyl Chloride	2.266	62	77	2.418	ug/l #	42
6) Chloroethane	2.790	64	91	4.525	ug/l #	42
7) Trichlorofluoromethane	2.967	101	55	1.669	ug/l #	20
8) Diethyl Ether	3.375	74	20	2.017	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.899	101	40	2.085	ug/l #	39
10) Methyl Iodide	4.088	142	181	9.604	ug/l #	65
11) Tert butyl alcohol	4.942	59	28	Below Cal	#	88
12) 1,1-Dichloroethene	3.893	96	47	2.492	ug/l #	1
13) Acrolein	3.704	56	23	12.727	ug/l #	1
14) Allyl chloride	4.466	41	136	4.924	ug/l #	19
15) Acrylonitrile	5.161	53	63	13.894	ug/l #	35
16) Acetone	3.918	43	98	25.009	ug/l #	36
18) Methyl Acetate	4.515	43	89	9.083	ug/l #	46
19) Methyl tert-butyl Ether	5.222	73	68	1.496	ug/l #	54
20) Methylene Chloride	4.686	84	210	6.749	ug/l #	73
21) trans-1,2-Dichloroethene	5.155	96	25	1.242	ug/l #	1
22) Diisopropyl ether	6.106	45	68	1.209	ug/l #	37
23) Vinyl Acetate	6.045	43	74	2.021	ug/l #	67
25) 2-Butanone	6.984	43	60	9.995	ug/l #	41
26) 2,2-Dichloropropane	6.960	77	82	2.659	ug/l #	51
27) cis-1,2-Dichloroethene	6.960	96	44	1.879	ug/l #	18
28) Bromochloromethane	7.362	49	42	2.601	ug/l #	6
29) Tetrahydrofuran	7.332	42	169	43.349	ug/l #	34
31) Cyclohexane	7.783	56	113	3.433	ug/l #	11
32) 1,1,1-Trichloroethane	7.630	97	75	2.433	ug/l #	25
37) Ethyl Acetate	7.045	43	108	5.532	ug/l #	29
41) Methacrylonitrile	7.283	41	60	6.319	ug/l #	37
43) Isopropyl Acetate	8.258	43	51	1.397	ug/l #	47
44) Trichloroethene	9.149	130	43	1.482	ug/l	3
45) 1,2-Dichloropropane	9.161	63	46	1.718	ug/l #	43
46) Dibromomethane	9.191	93	49	3.192	ug/l #	3
47) Bromodichloromethane	9.453	83	41	1.113	ug/l #	26
48) Methyl methacrylate	9.289	41	132	7.860	ug/l #	7
49) 1,4-Dioxane	9.362	88	69	342.263	ug/l #	90

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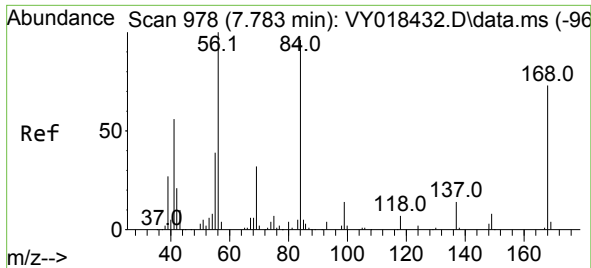
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

51) 4-Methyl-2-Pentanone	10.039	43	66	3.482	ug/l #	76
54) cis-1,3-Dichloropropene	9.892	75	78	1.872	ug/l #	40
55) 1,1,2-Trichloroethane	10.618	97	22	1.101	ug/l #	54
56) Ethyl methacrylate	10.539	69	61	2.170	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.709	63	19	1.259	ug/l #	45
59) 2-Hexanone	10.654	43	53	4.047	ug/l	85
61) 1,2-Dibromoethane	11.124	107	30	1.595	ug/l #	2
64) Tetrachloroethene	10.612	164	31	1.520	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.758	131	25	1.302	ug/l #	8
73) Isopropylbenzene	12.319	105	21	2.035	ug/l #	48
74) N-amyl acetate	12.197	43	73	29.062	ug/l #	37
76) 1,2,3-Trichloropropane	12.733	75	50	40.322	ug/l #	100
78) n-propylbenzene	12.556	91	19	1.534	ug/l #	53
79) 2-Chlorotoluene	12.556	91	19	2.822	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.678	105	22	2.737	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.471	75	357	604.860	ug/l #	32
82) 4-Chlorotoluene	13.111	91	35	5.166	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.160	105	20	2.542	ug/l #	30
85) sec-Butylbenzene	13.251	105	21	1.919	ug/l #	56
87) 1,3-Dichlorobenzene	13.447	146	19	4.396	ug/l #	25
88) 1,4-Dichlorobenzene	13.447	146	19	4.475	ug/l #	25
89) n-Butylbenzene	13.654	91	19	2.263	ug/l #	33
90) Hexachloroethane	13.910	117	30	18.119	ug/l #	12
91) 1,2-Dichlorobenzene	13.745	146	47	12.497	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.184	75	20	72.352	ug/l #	1
94) Hexachlorobutadiene	15.099	225	20	18.514	ug/l #	19
95) Naphthalene	15.343	128	40	9.792	ug/l #	69

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

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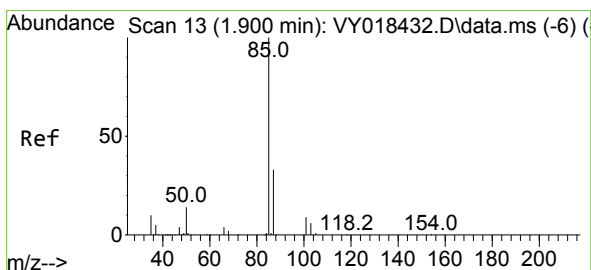
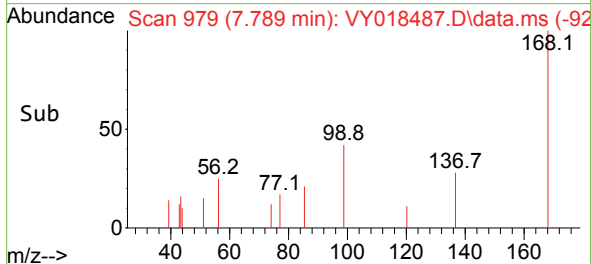
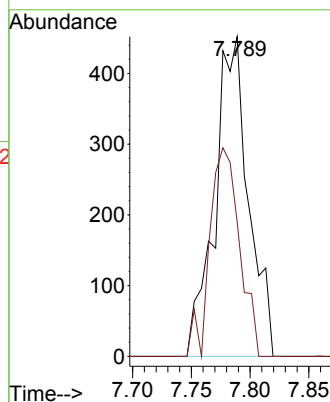
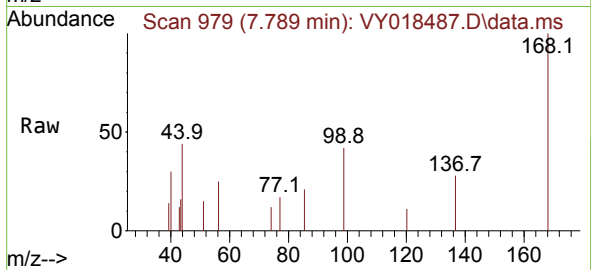




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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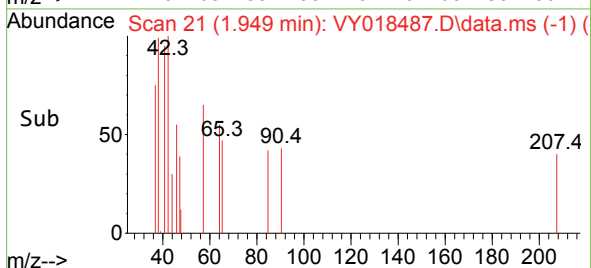
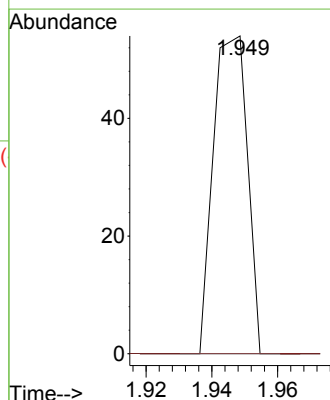
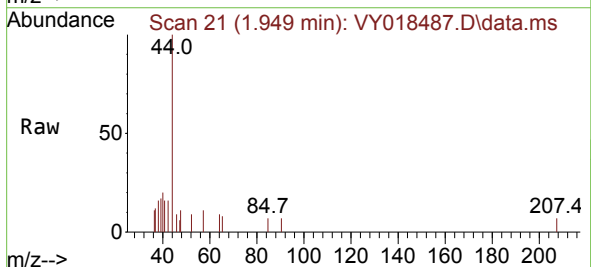
Instrument :
MSVOA_Y
ClientSampleId :

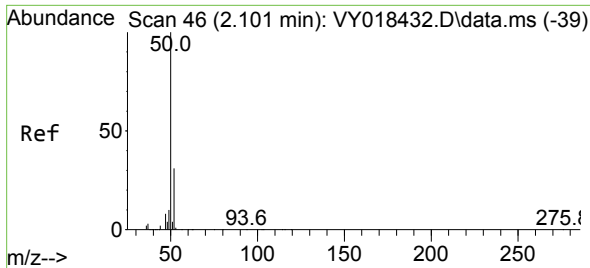
Tgt Ion:168 Resp: 899
Ion Ratio Lower Upper
168 100
99 42.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 2.732 ug/l
RT: 1.949 min Scan# 21
Delta R.T. 0.049 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 85 Resp: 39
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

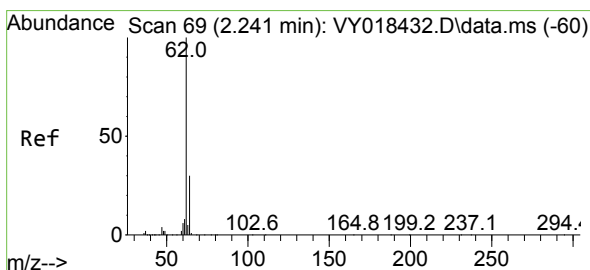
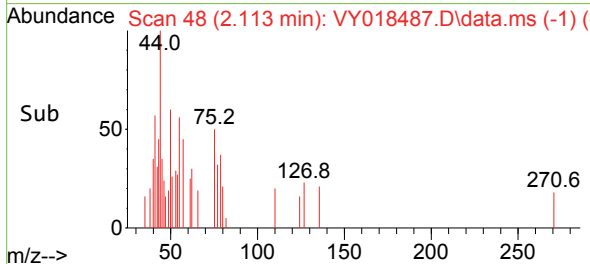
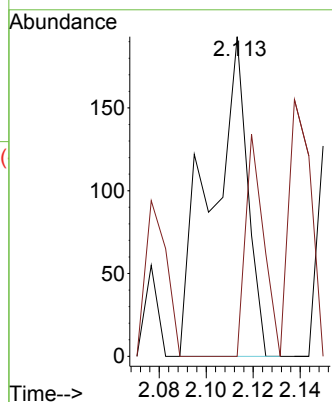
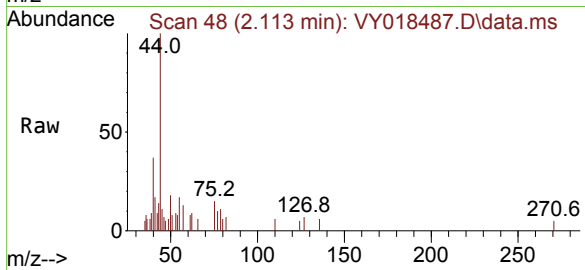




#3
Chloromethane
Concen: 7.849 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

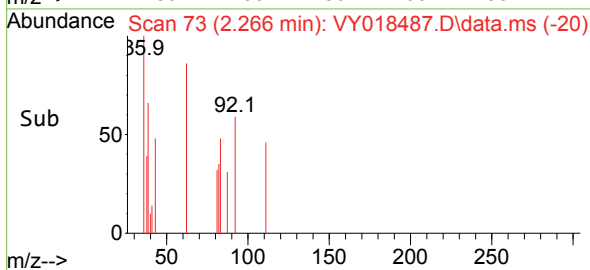
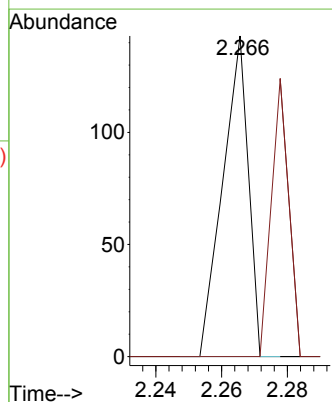
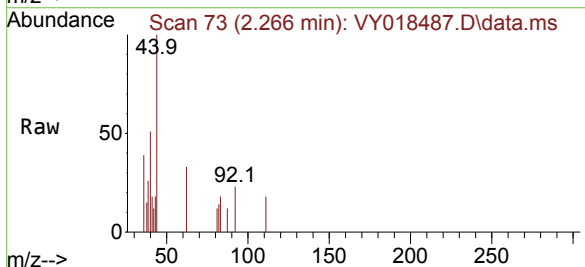
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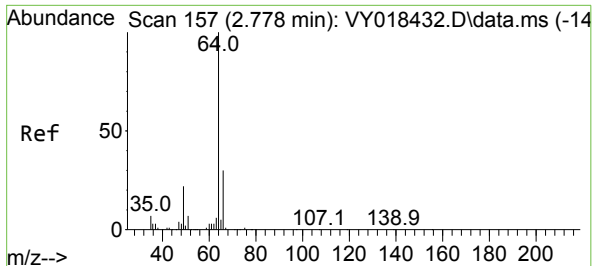
Tgt Ion: 50 Resp: 209
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 2.418 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.024 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 62 Resp: 77
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

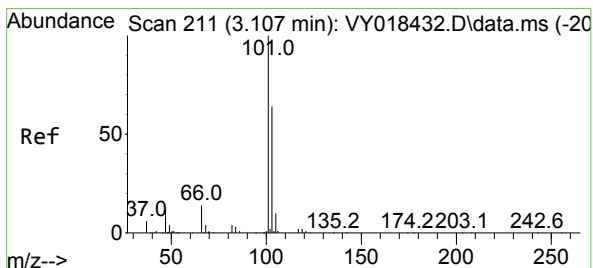
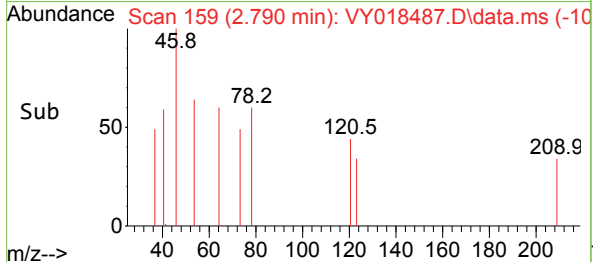
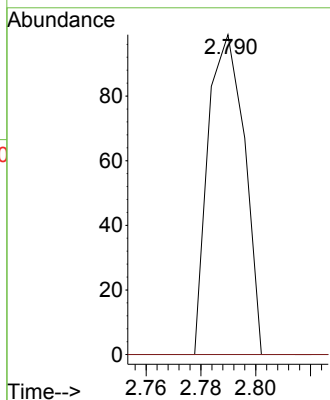
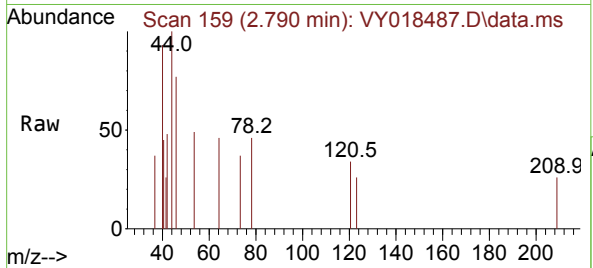




#6
Chloroethane
Concen: 4.525 ug/l
RT: 2.790 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

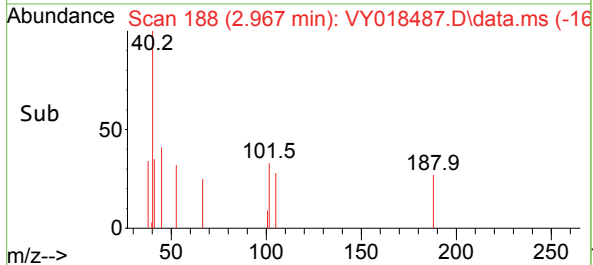
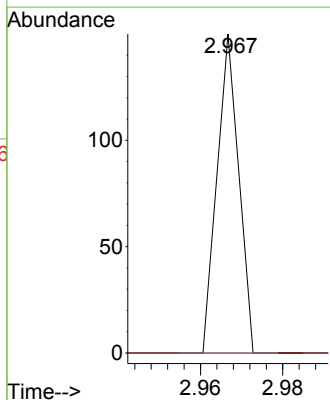
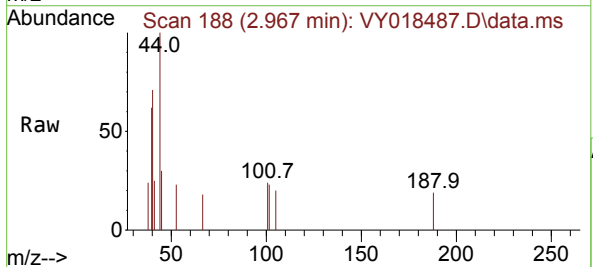
Instrument :
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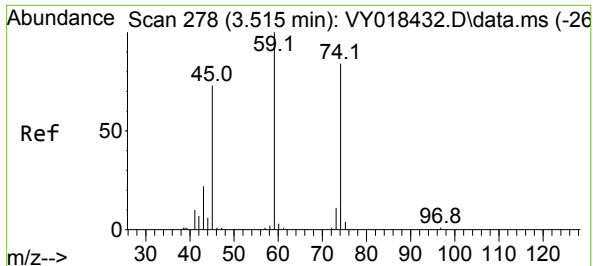
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#7
Trichlorofluoromethane
Concen: 1.669 ug/l
RT: 2.967 min Scan# 188
Delta R.T. -0.140 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 101 Resp: 55
Ion Ratio Lower Upper
101 100
103 0.0 49.3 73.9#

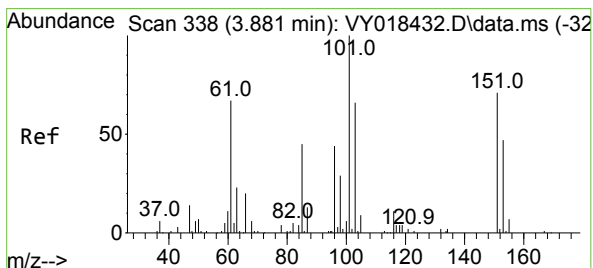
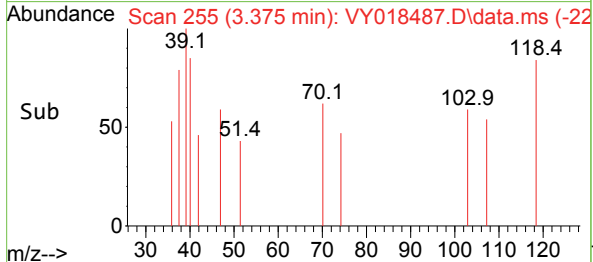
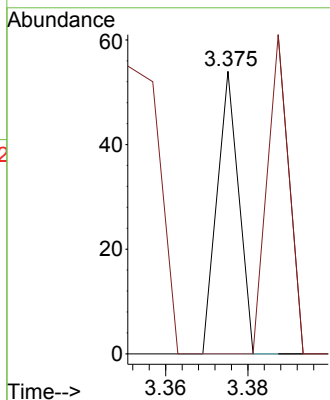
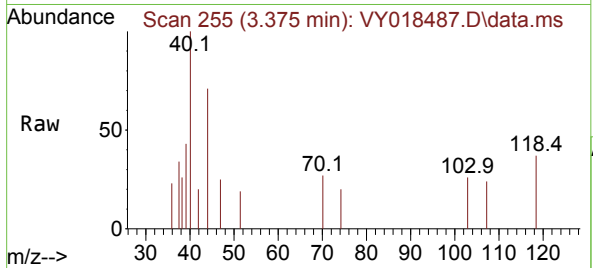




#8
Diethyl Ether
Concen: 2.017 ug/l
RT: 3.375 min Scan# 210
Delta R.T. -0.140 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

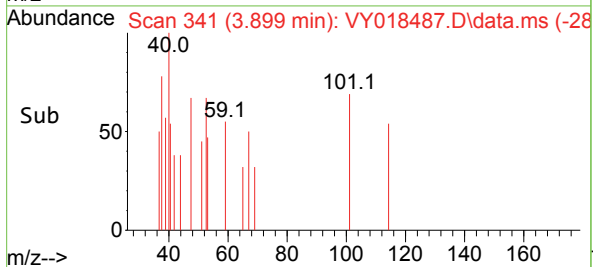
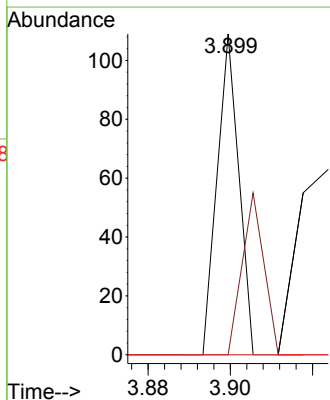
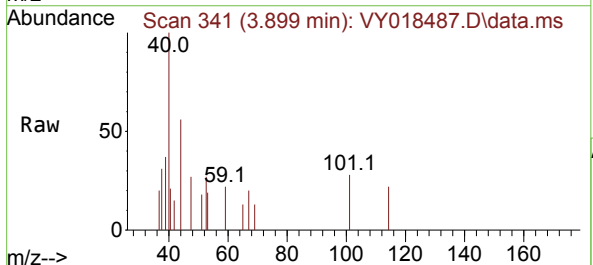
Instrument :
MSVOA_Y
ClientSampleId :

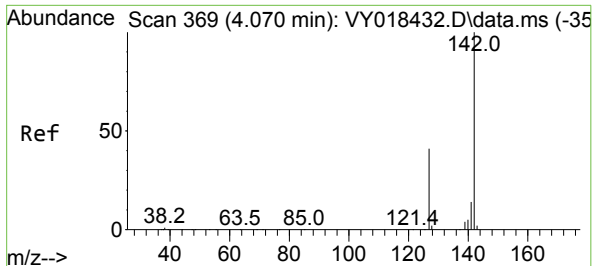
Tgt Ion: 74 Resp: 20
Ion Ratio Lower Upper
74 100
45 110.0 41.3 124.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.085 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

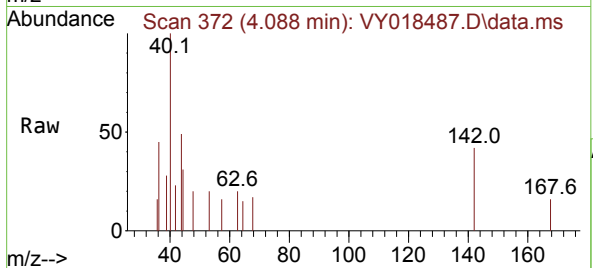
Tgt Ion:101 Resp: 40
Ion Ratio Lower Upper
101 100
85 50.0 34.5 51.7
151 0.0 61.7 92.5#



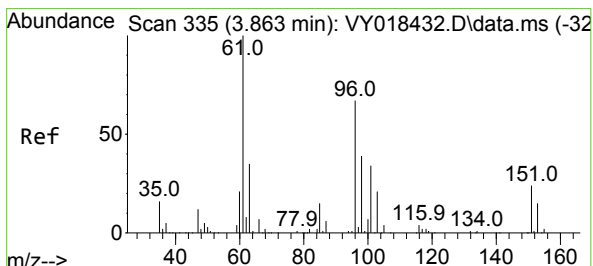
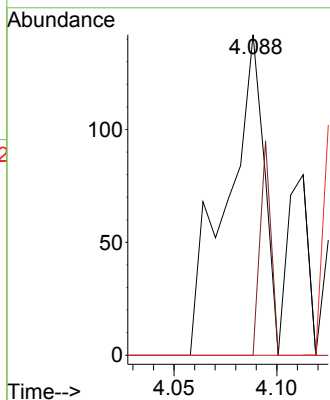
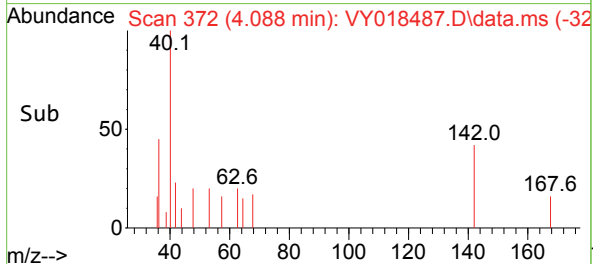


#10
Methyl Iodide
Concen: 9.604 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

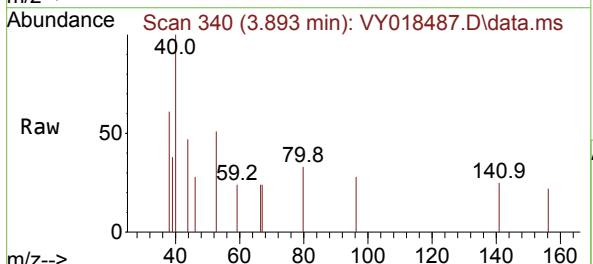
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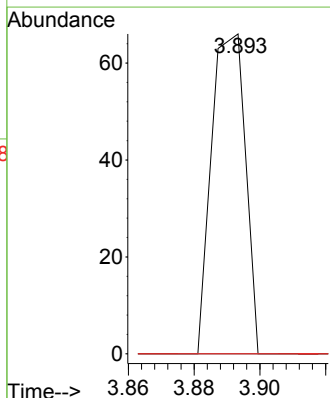
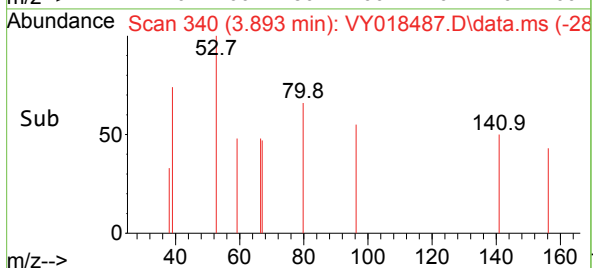
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Ion Ratio Lower Upper
142 100
127 19.3 32.8 49.2#
141 0.0 11.4 17.2#

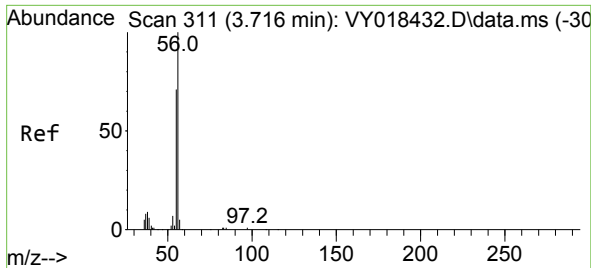


#12
1,1-Dichloroethene
Concen: 2.492 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.031 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11



Tgt Ion: 96 Resp: 47
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#





#13

Acrolein

Concen: 12.727 ug/l

RT: 3.704 min Scan# 309

Delta R.T. -0.012 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

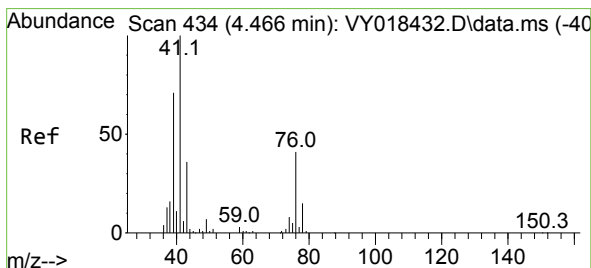
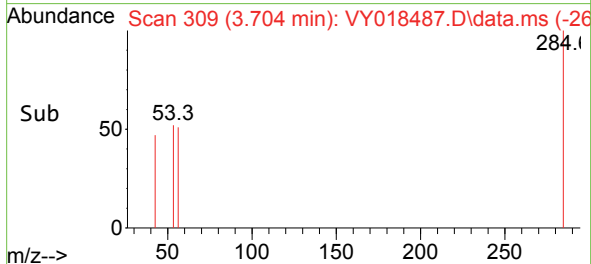
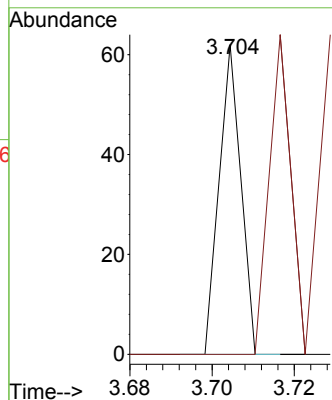
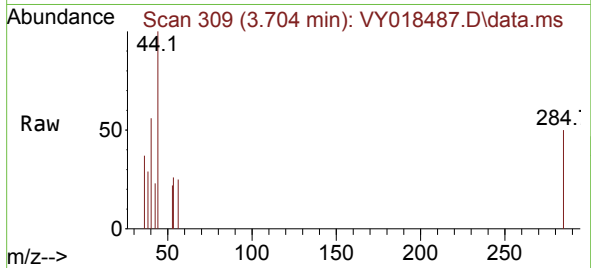
ClientSampleId :

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

56 100

55 204.3 55.7 83.5#



#14

Allyl chloride

Concen: 4.924 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

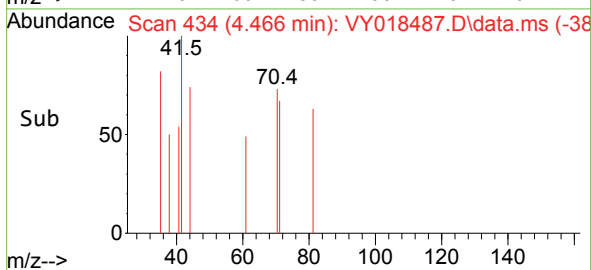
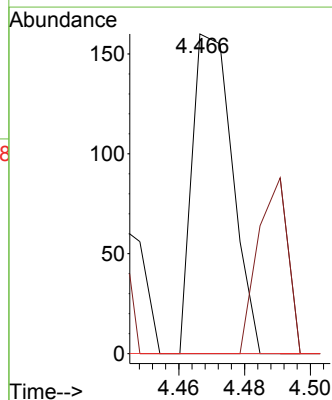
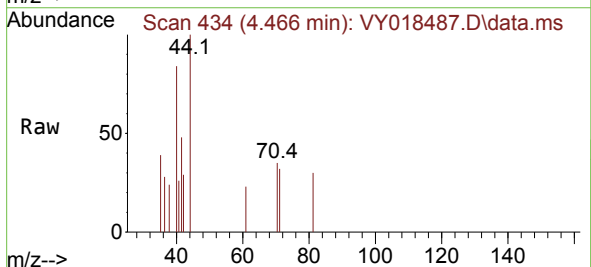
Tgt Ion: 41 Resp: 136

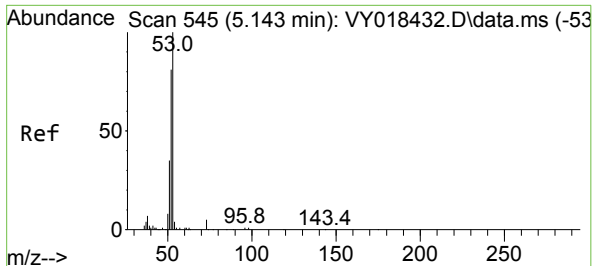
Ion Ratio Lower Upper

41 100

39 0.0 58.3 87.5#

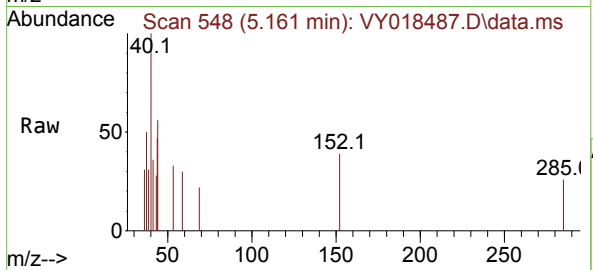
76 0.0 39.0 58.6#



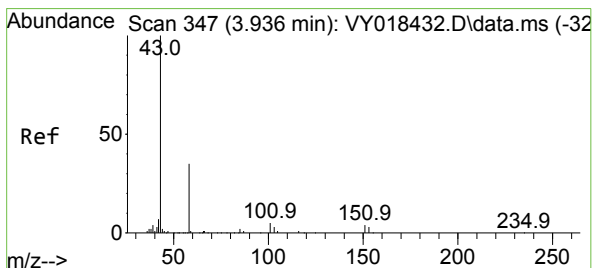
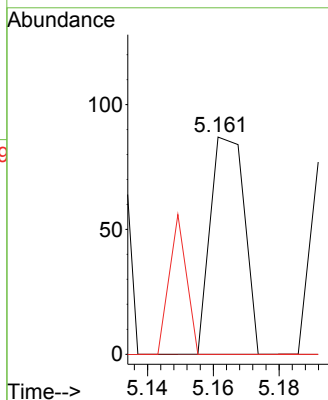
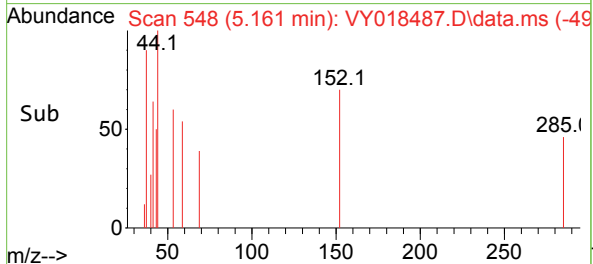


#15
Acrylonitrile
Concen: 13.894 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.018 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

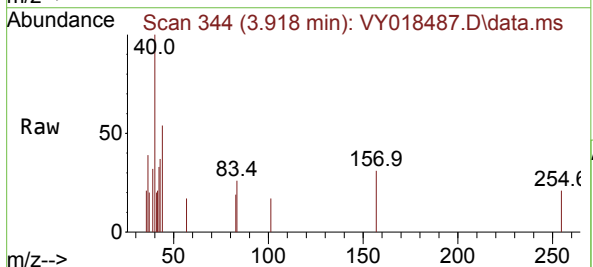
Instrument :
MSVOA_Y
ClientSampleId :



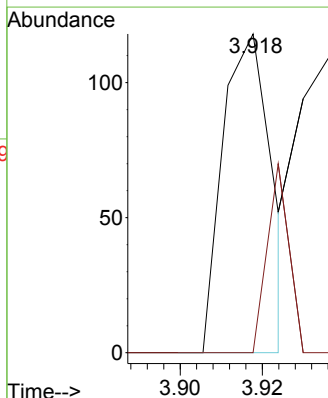
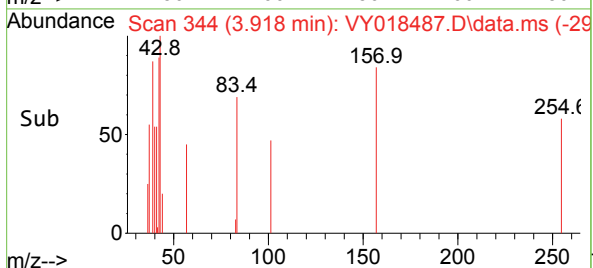
Tgt Ion: 53 Resp: 63
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 31.7 28.4 42.6

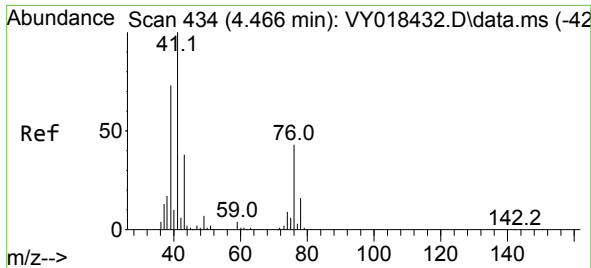


#16
Acetone
Concen: 25.009 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.018 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11



Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

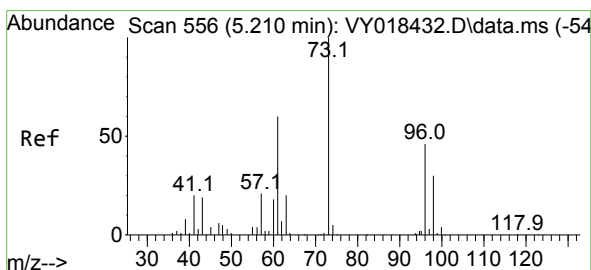
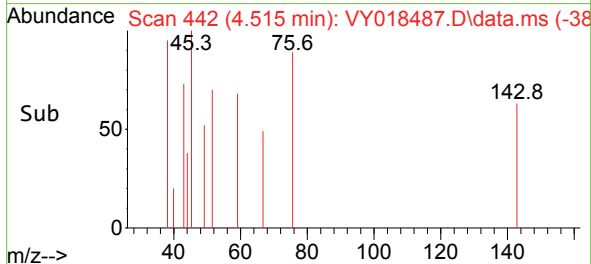
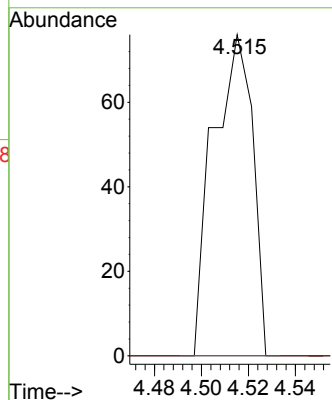
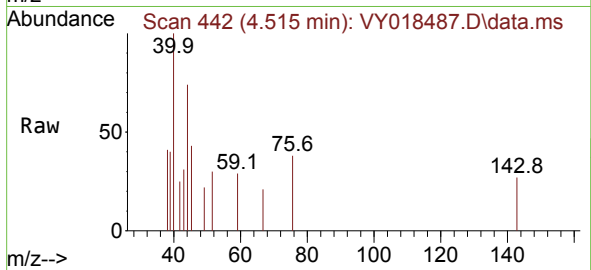




#18
Methyl Acetate
Concen: 9.083 ug/l
RT: 4.515 min Scan# 44
Delta R.T. 0.049 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

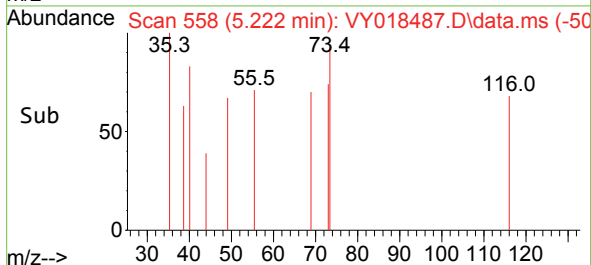
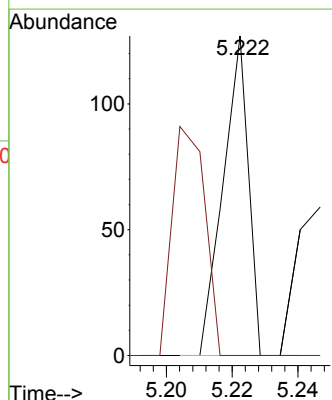
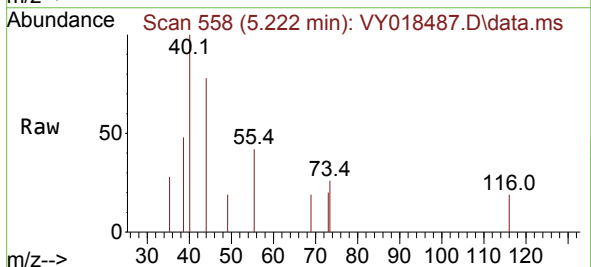
Instrument :
MSVOA_Y
ClientSampleId :

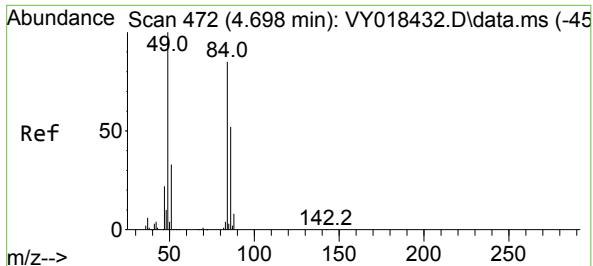
Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#19
Methyl tert-butyl Ether
Concen: 1.496 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

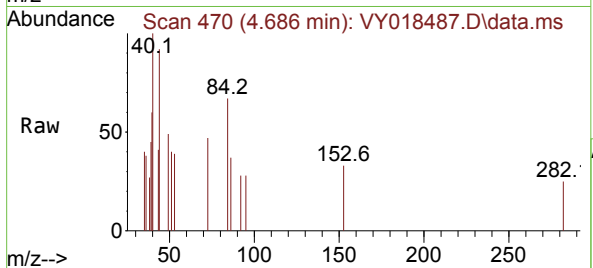
Tgt Ion: 73 Resp: 68
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



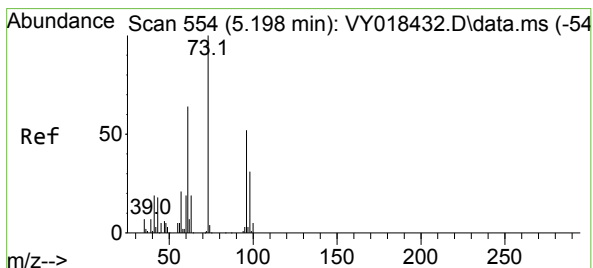
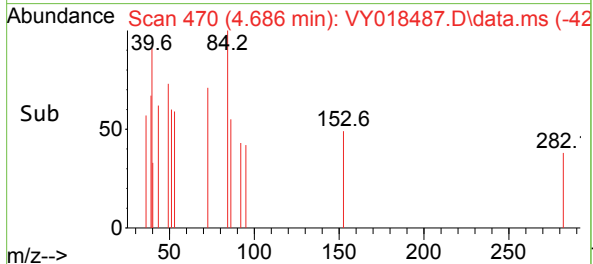
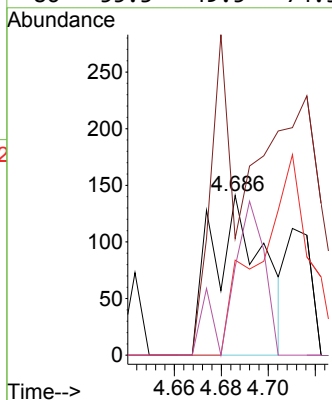


#20
Methylene Chloride
Concen: 6.749 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

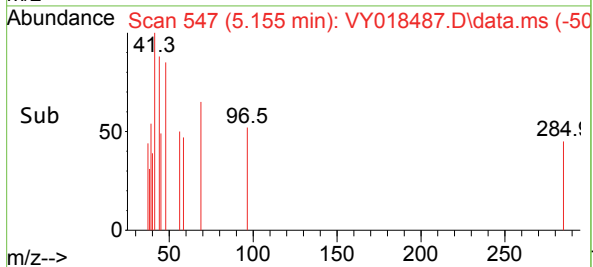
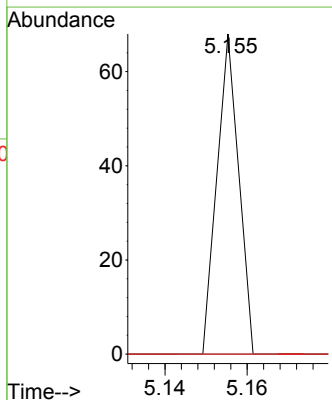
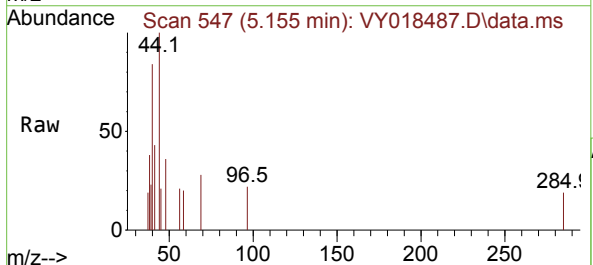


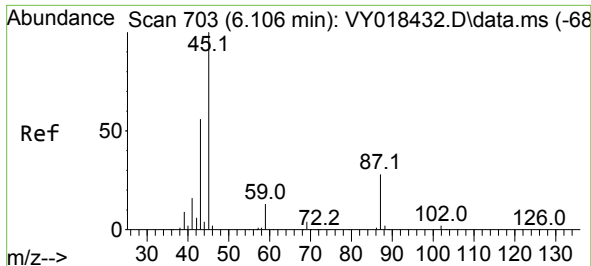
Tgt Ion:	84	Resp:	210
Ion	Ratio	Lower	Upper
84	100		
49	73.0	84.4	126.6#
51	59.6	26.0	39.0#
86	55.3	49.5	74.3



#21
trans-1,2-Dichloroethene
Concen: 1.242 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.043 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

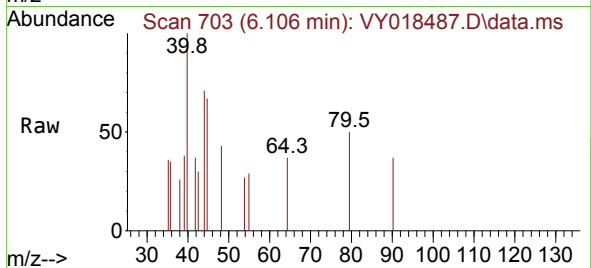
Tgt Ion:	96	Resp:	25
Ion	Ratio	Lower	Upper
96	100		
61	0.0	97.5	146.3#
98	0.0	50.5	75.7#



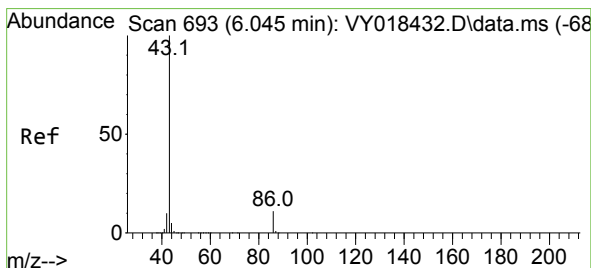
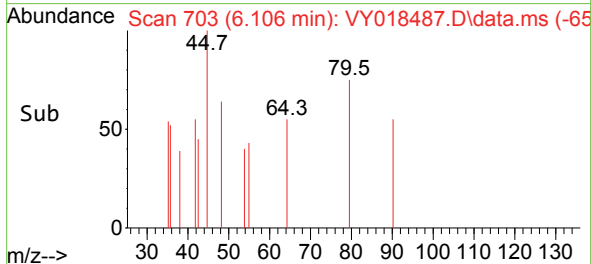
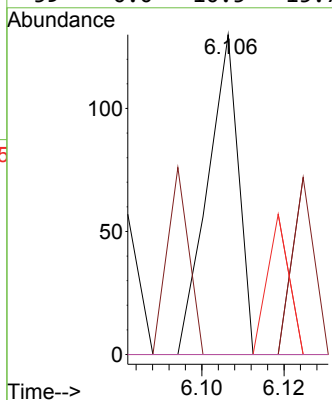


#22
Diisopropyl ether
Concen: 1.209 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

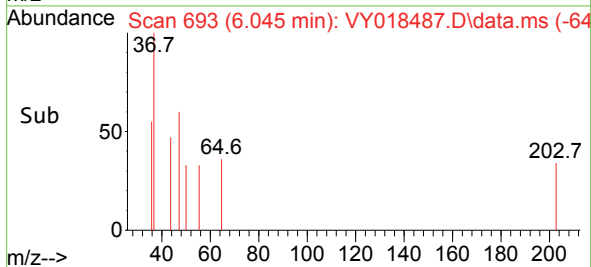
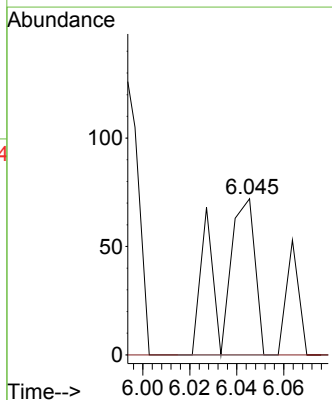
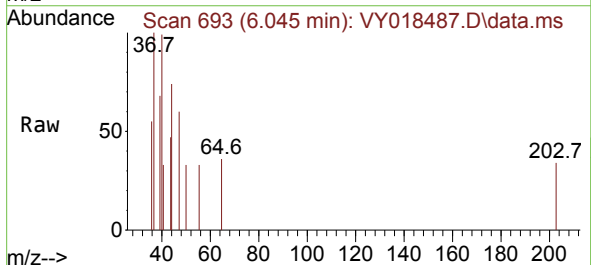


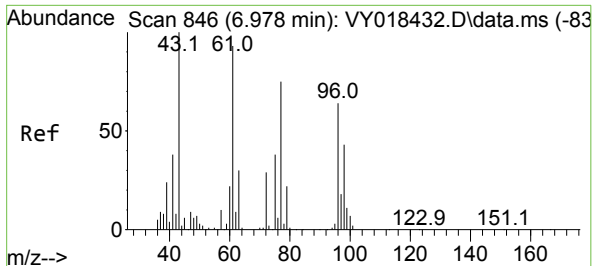
Tgt Ion:	45	Resp:	68
Ion	Ratio	Lower	Upper
45	100		
43	0.0	42.2	63.2#
87	0.0	25.0	37.6#
59	0.0	10.5	15.7#



#23
Vinyl Acetate
Concen: 2.021 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.000 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#





#25

2-Butanone

Concen: 9.995 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

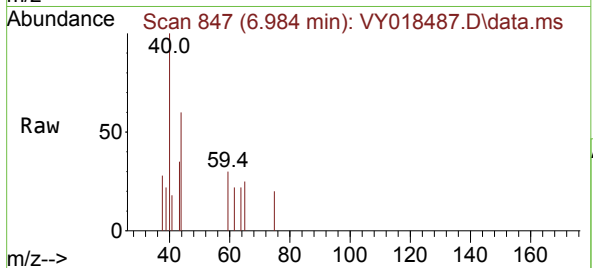
Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

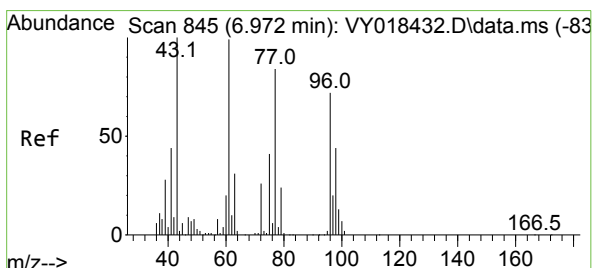
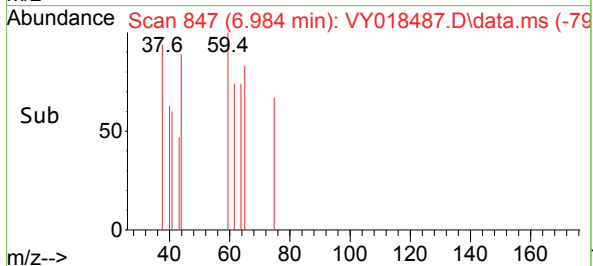
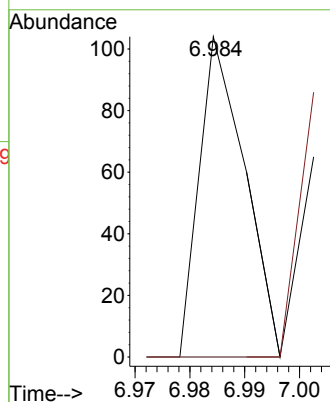


Tgt Ion: 43 Resp: 60

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 2.659 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.012 min

Lab File: VY018487.D

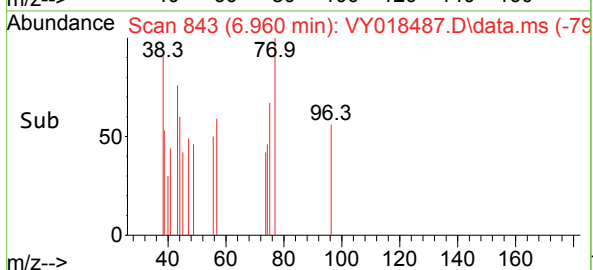
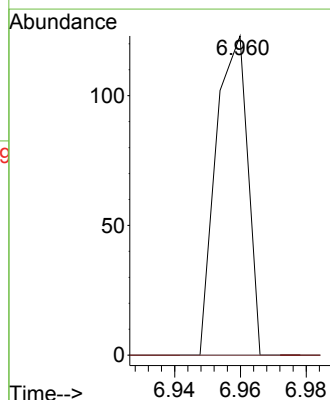
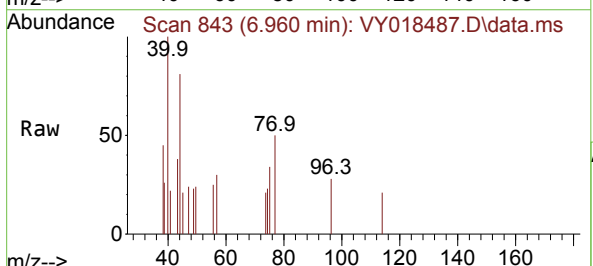
Acq: 05 Jun 2024 16:11

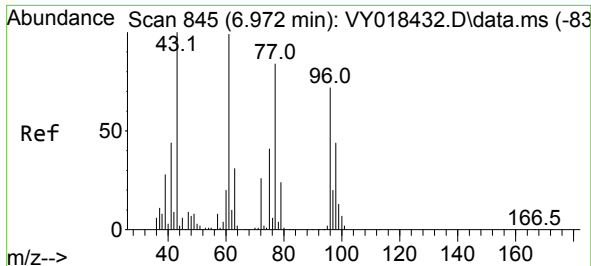
Tgt Ion: 77 Resp: 82

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#





#27

cis-1,2-Dichloroethene

Concen: 1.879 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.012 min

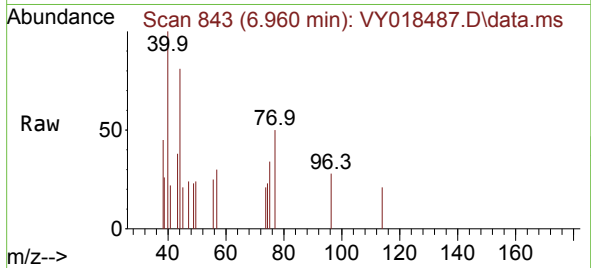
Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :



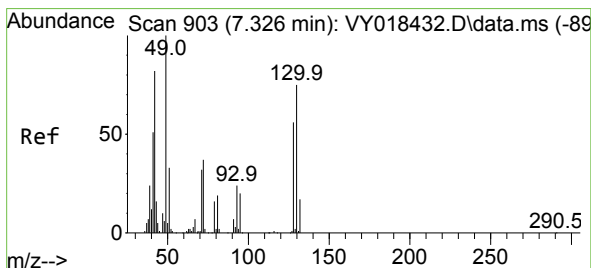
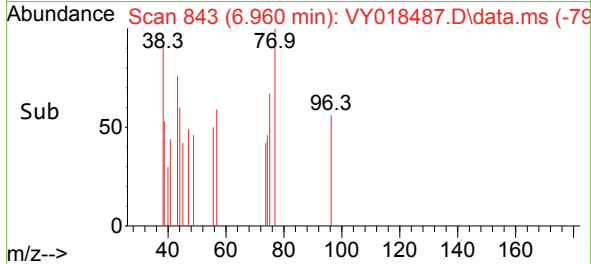
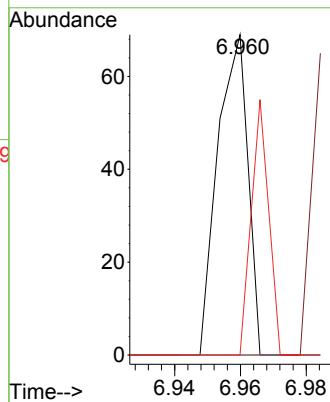
Tgt Ion: 96 Resp: 44

Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

98 45.5 0.0 130.0



#28

Bromochloromethane

Concen: 2.601 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.037 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

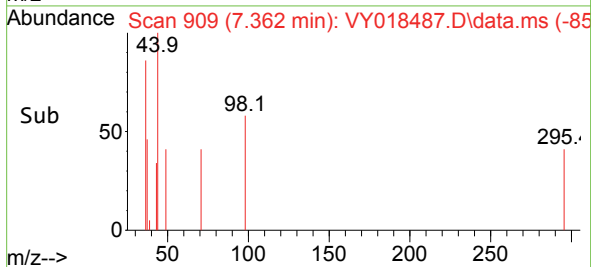
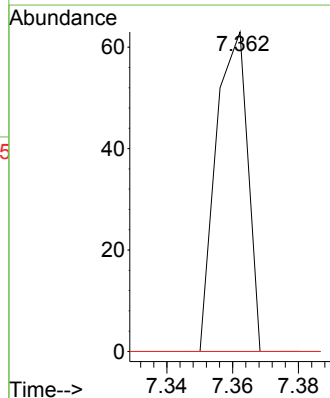
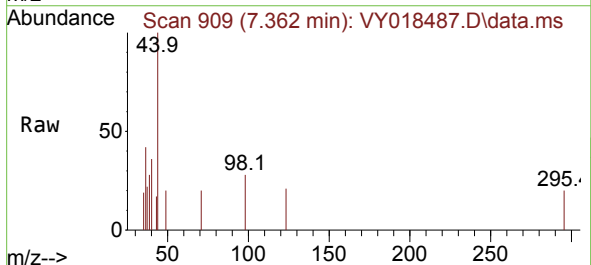
Tgt Ion: 49 Resp: 42

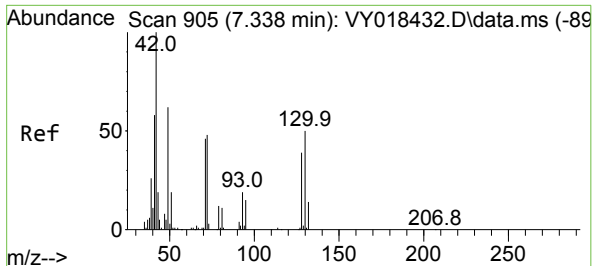
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 43.349 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

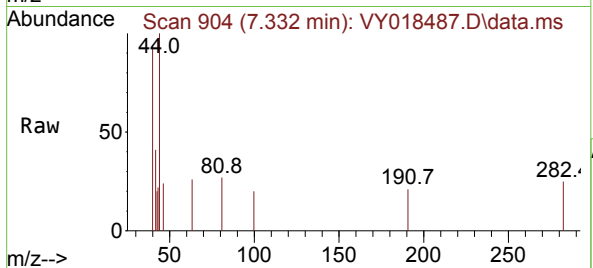
Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

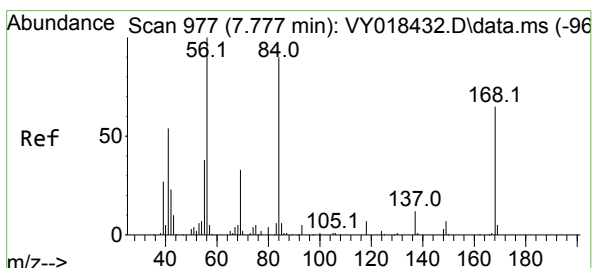
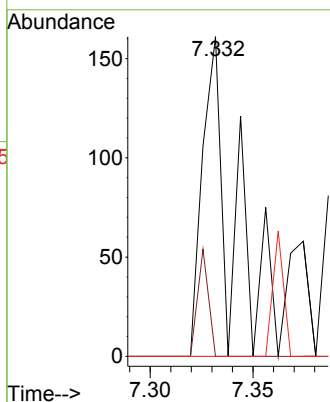
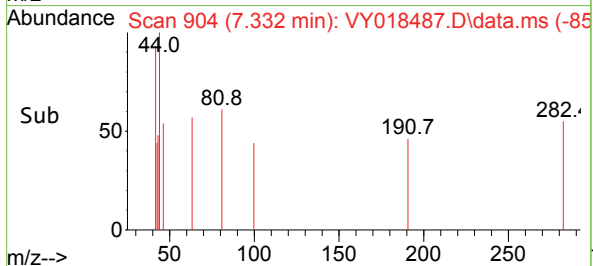
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	169
Ion Ratio	100	Lower	Upper
72	11.8	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 3.433 ug/l

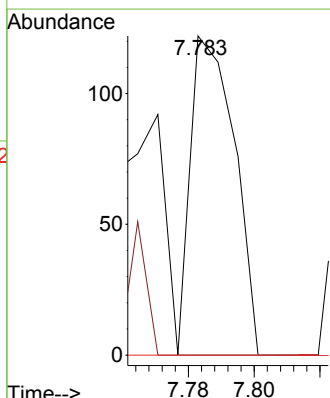
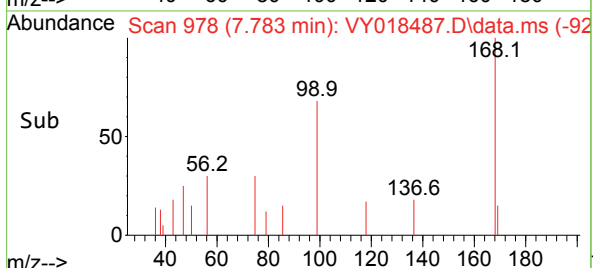
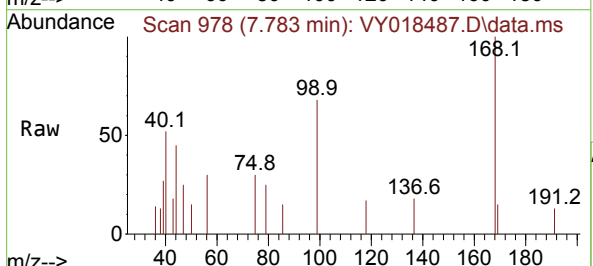
RT: 7.783 min Scan# 978

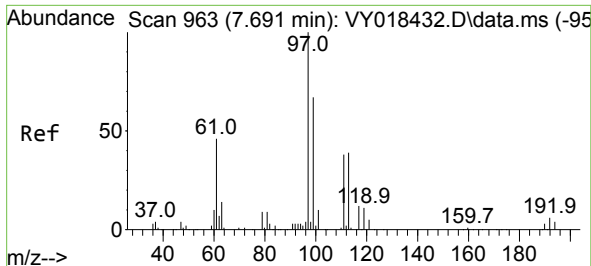
Delta R.T. 0.006 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Tgt Ion:	56	Resp:	113
Ion Ratio	100	Lower	Upper
69	0.0	28.7	43.1#
84	0.0	77.7	116.5#





#32

1,1,1-Trichloroethane

Concen: 2.433 ug/l

RT: 7.630 min Scan# 91

Delta R.T. -0.061 min

Lab File: VY018487.D

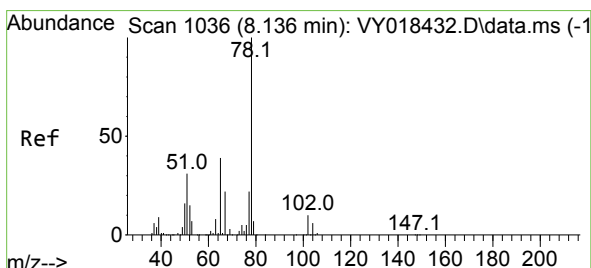
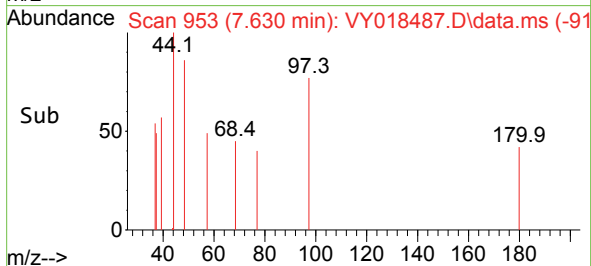
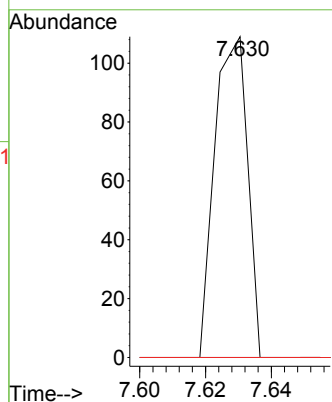
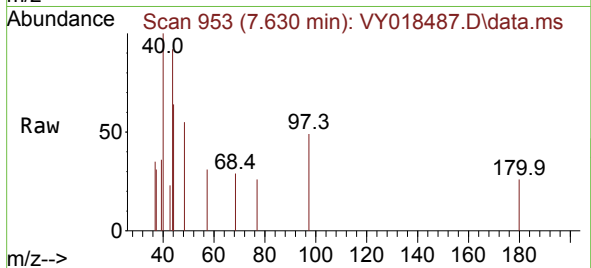
Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97	Resp: 75
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: 30.077 ug/l

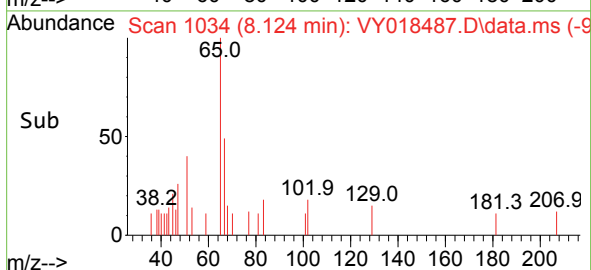
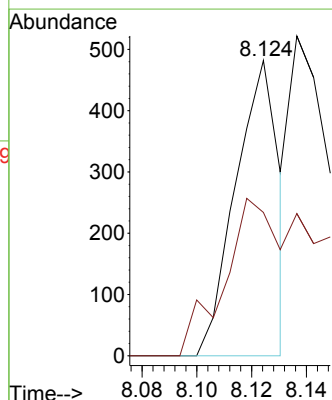
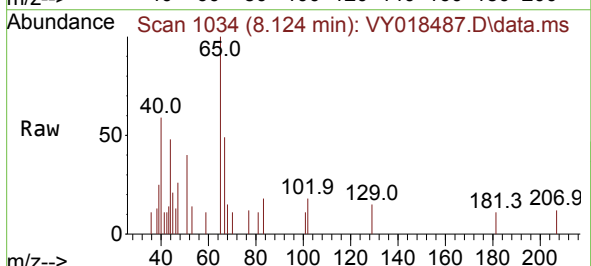
RT: 8.124 min Scan# 1034

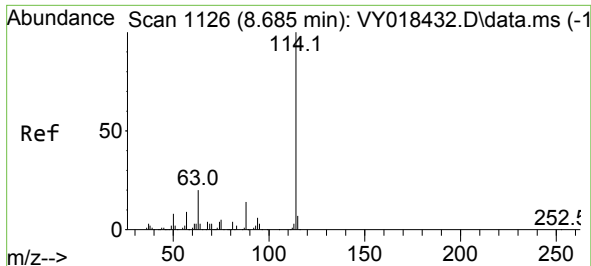
Delta R.T. -0.012 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Tgt Ion: 65	Resp: 531
Ion Ratio	Lower Upper
65 100	
67 65.7	0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

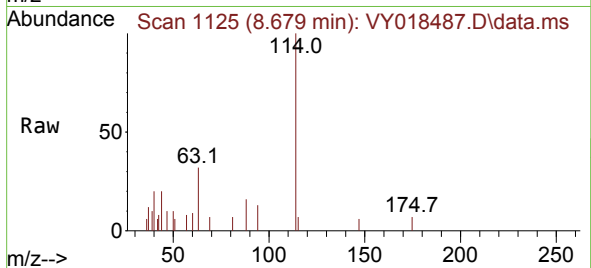
Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :



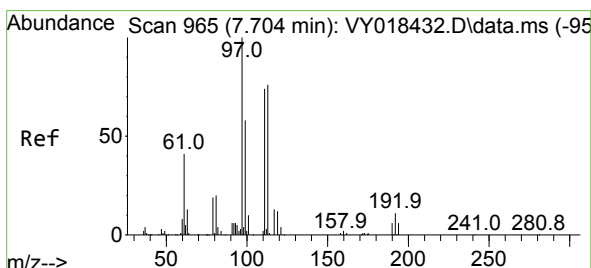
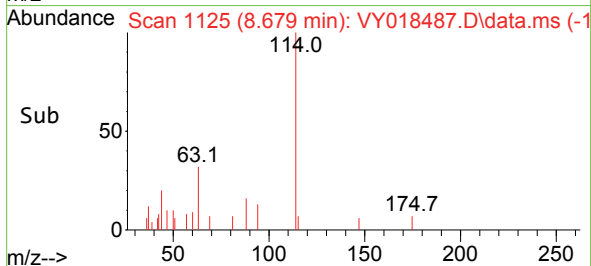
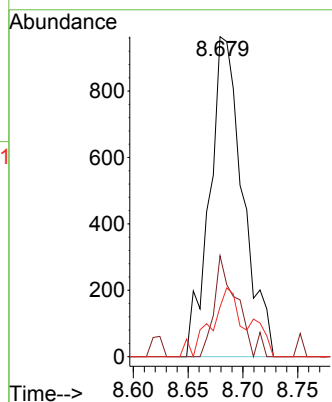
Tgt Ion:114 Resp: 2021

Ion Ratio Lower Upper

114 100

63 31.5 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 36.445 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

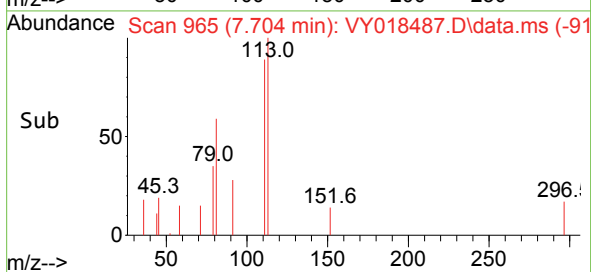
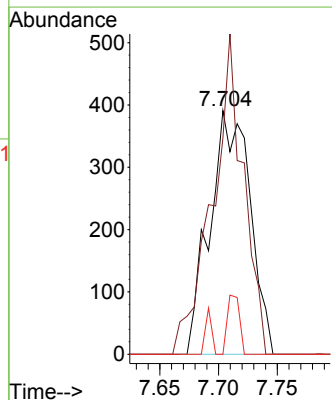
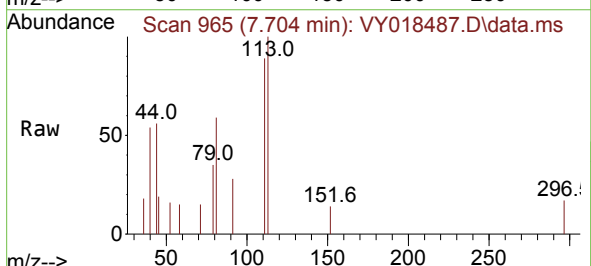
Tgt Ion:113 Resp: 934

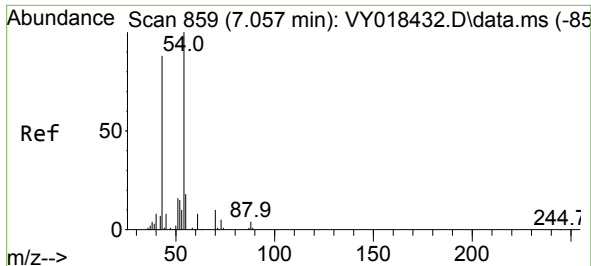
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

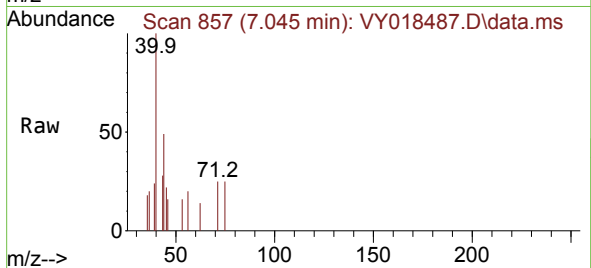
192 7.3 15.9 23.9#



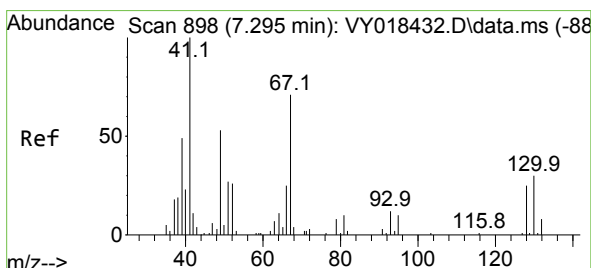
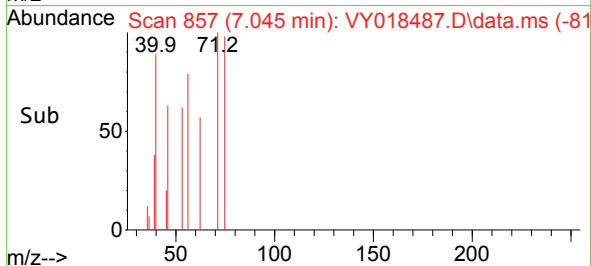
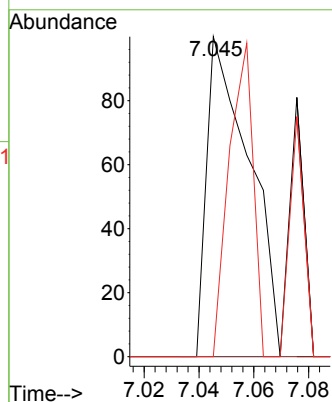


#37
Ethyl Acetate
Concen: 5.532 ug/l
RT: 7.045 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

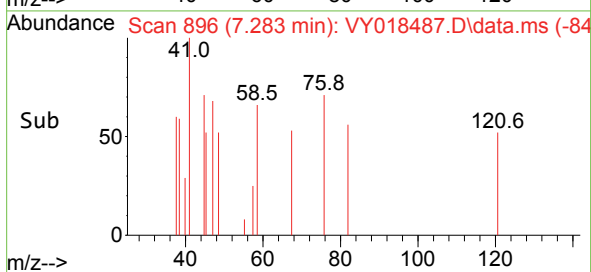
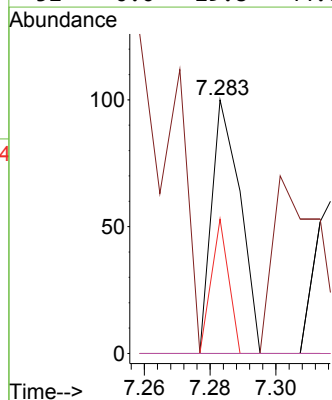
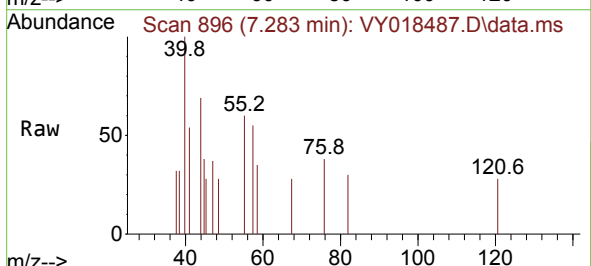


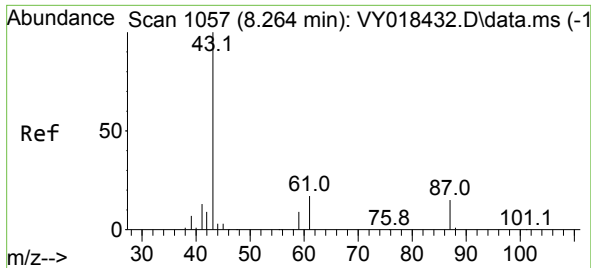
Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 55.6 7.8 11.8#



#41
Methacrylonitrile
Concen: 6.319 ug/l
RT: 7.283 min Scan# 896
Delta R.T. -0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 41 Resp: 60
Ion Ratio Lower Upper
41 100
39 106.7 48.0 72.0#
67 31.7 75.1 112.7#
52 0.0 29.8 44.6#

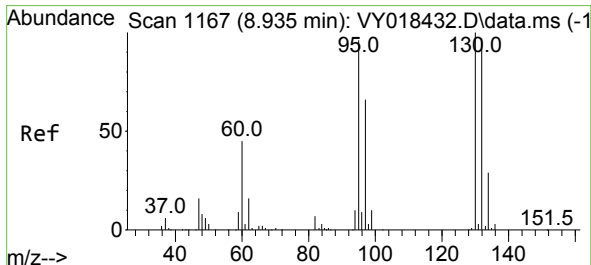
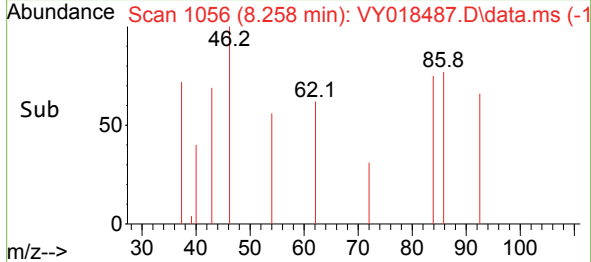
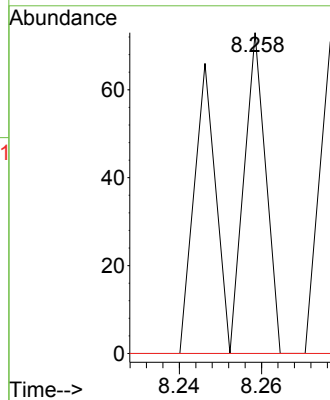
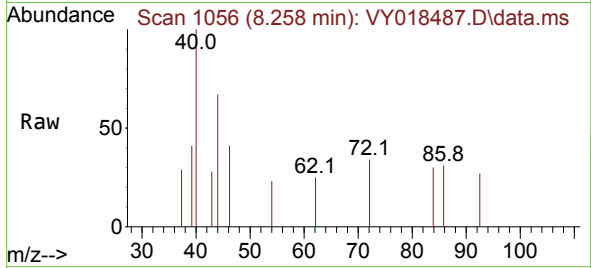




#43
Isopropyl Acetate
Concen: 1.397 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

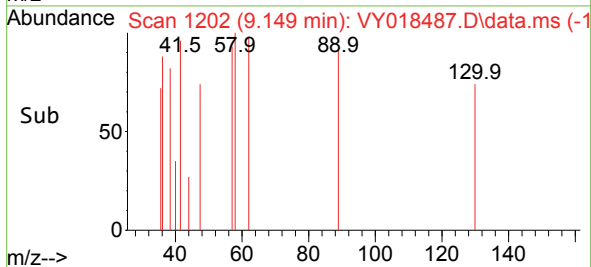
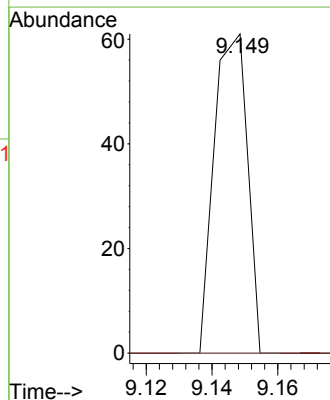
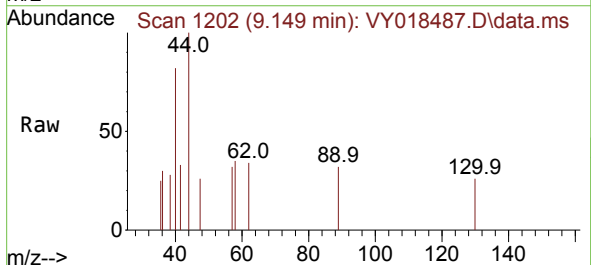
Instrument :
MSVOA_Y
ClientSampleId :

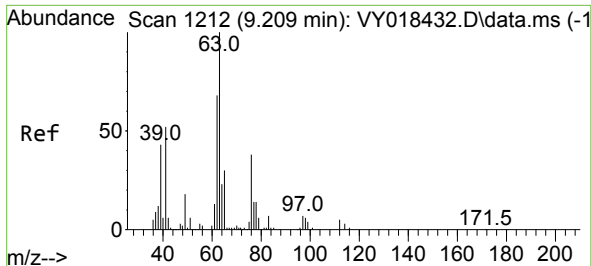
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#44
Trichloroethene
Concen: 1.482 ug/l
RT: 9.149 min Scan# 1202
Delta R.T. 0.213 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 130 Resp: 43
Ion Ratio Lower Upper
130 100
95 0.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 1.718 ug/l

RT: 9.161 min Scan# 11

Delta R.T. -0.049 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

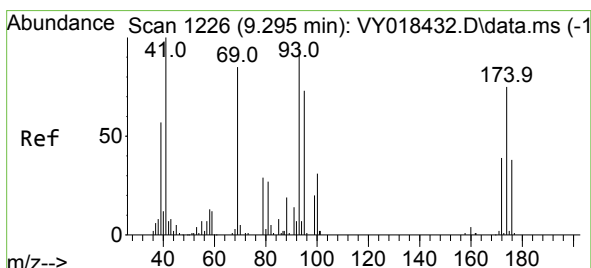
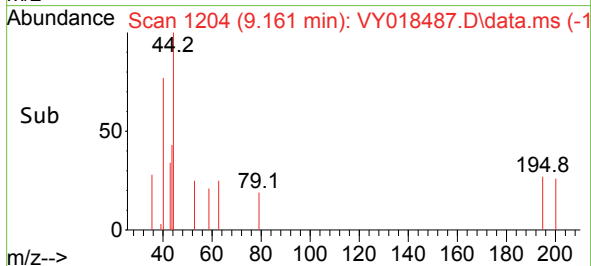
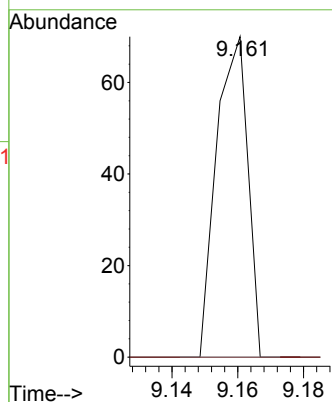
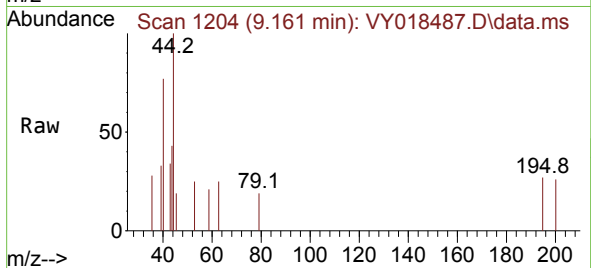
ClientSampleId :

Tgt Ion: 63 Resp: 46

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 3.192 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. -0.104 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

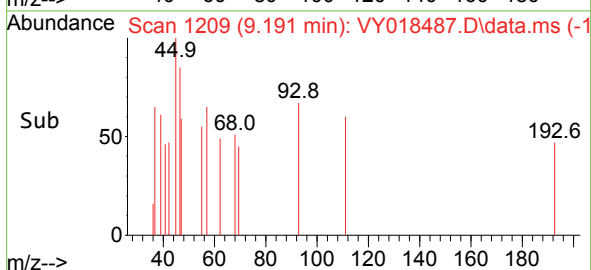
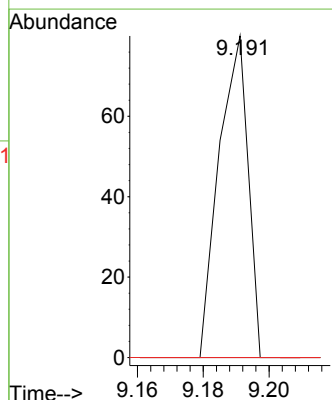
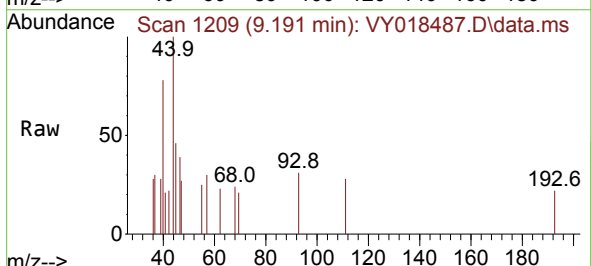
Tgt Ion: 93 Resp: 49

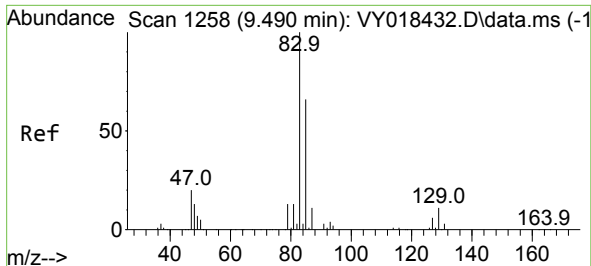
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

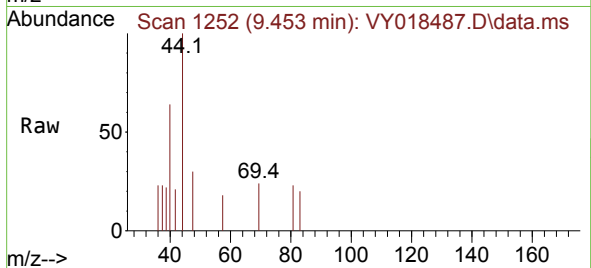
174 0.0 80.9 121.3#



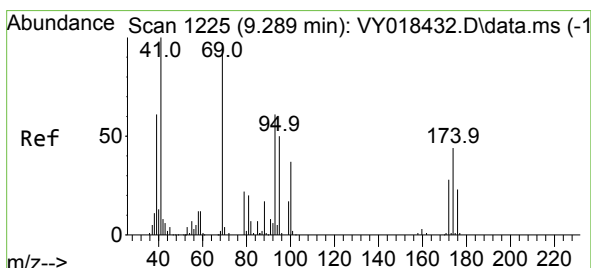
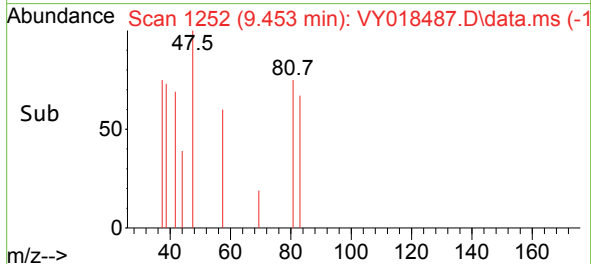
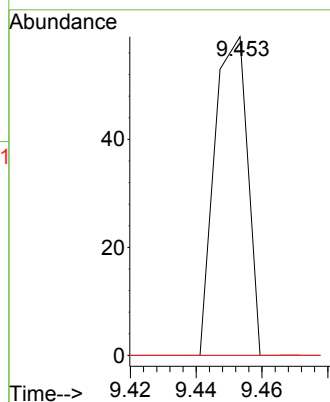


#47
Bromodichloromethane
Concen: 1.113 ug/l
RT: 9.453 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

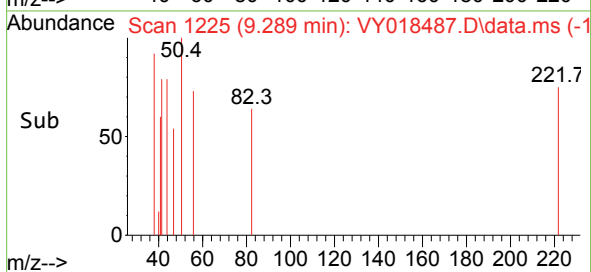
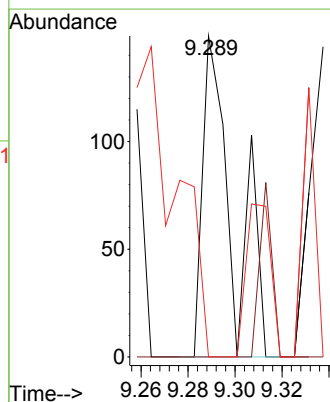
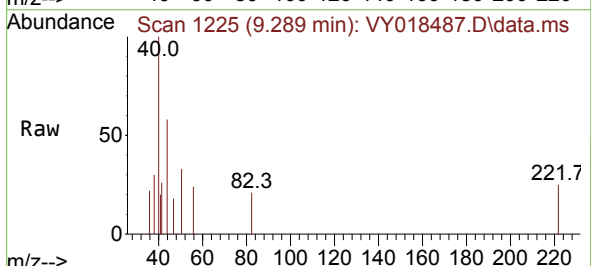


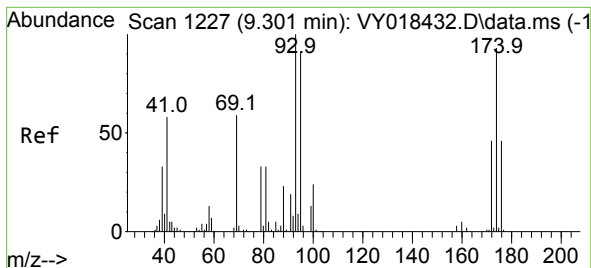
Tgt Ion: 83 Resp: 41
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 7.860 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 41 Resp: 132
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 0.0 43.6 65.4#





#49

1,4-Dioxane

Concen: 342.263 ug/l

RT: 9.362 min Scan# 11

Delta R.T. 0.061 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

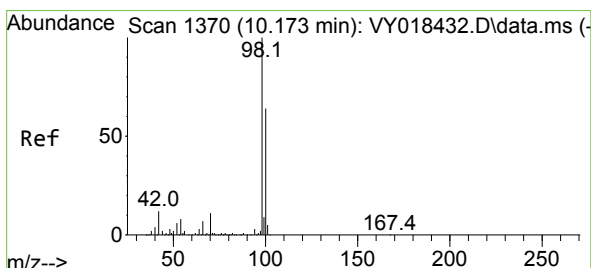
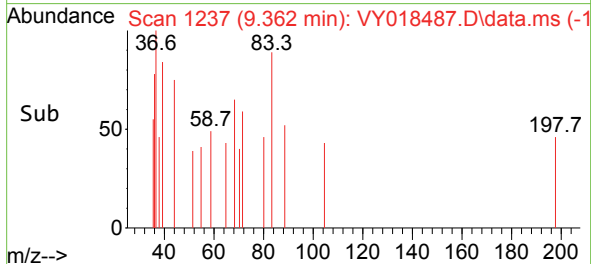
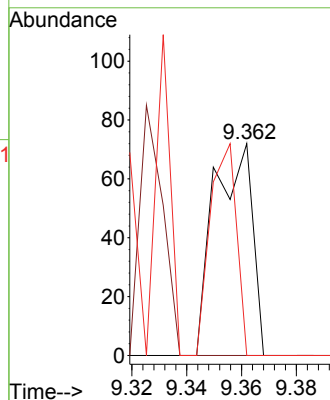
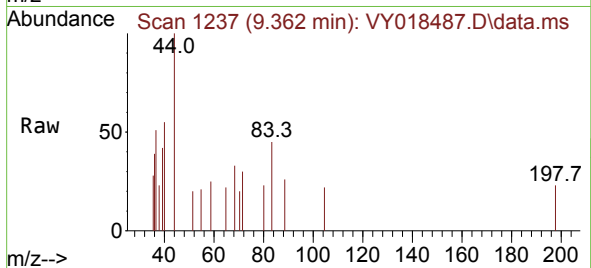
Tgt Ion: 88 Resp: 69

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.6 49.3 73.9



#50

Toluene-d8

Concen: 28.817 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018487.D

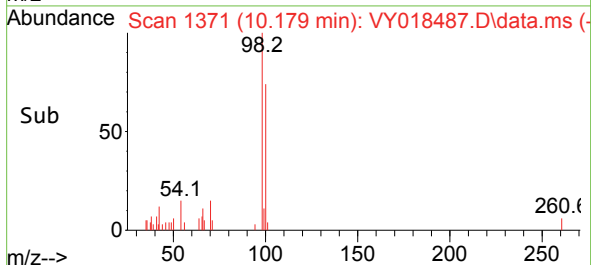
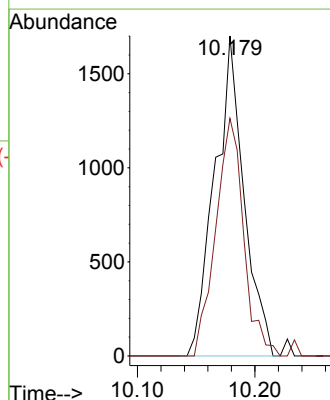
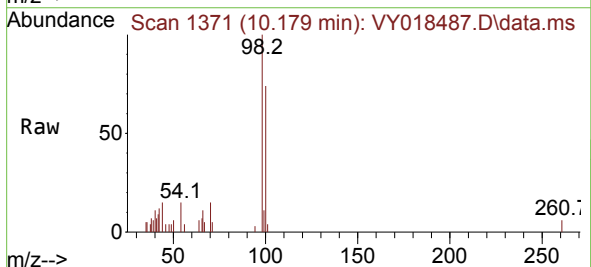
Acq: 05 Jun 2024 16:11

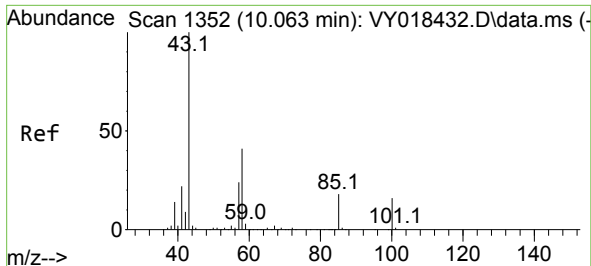
Tgt Ion: 98 Resp: 2938

Ion Ratio Lower Upper

98 100

100 70.9 52.0 78.0

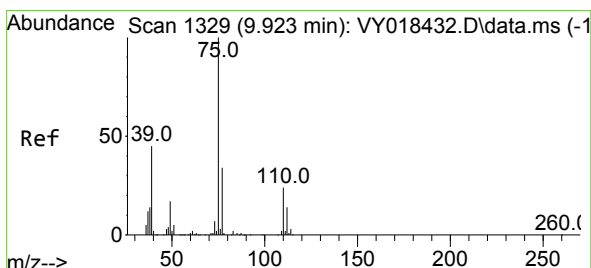
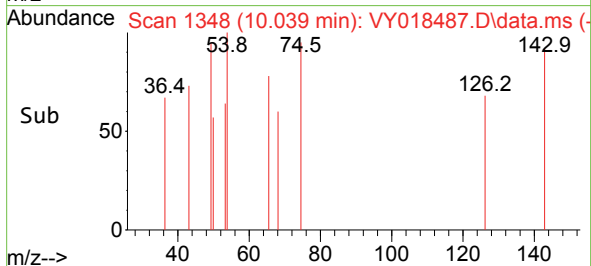
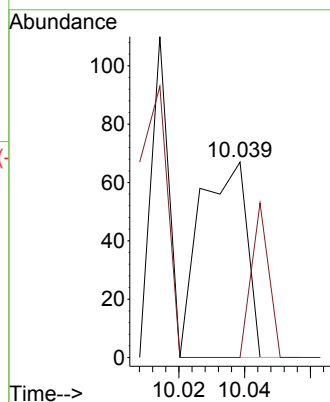
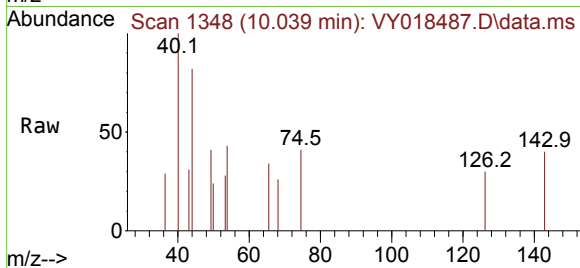




#51
4-Methyl-2-Pentanone
Concen: 3.482 ug/l
RT: 10.039 min Scan# 1348
Delta R.T. -0.024 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

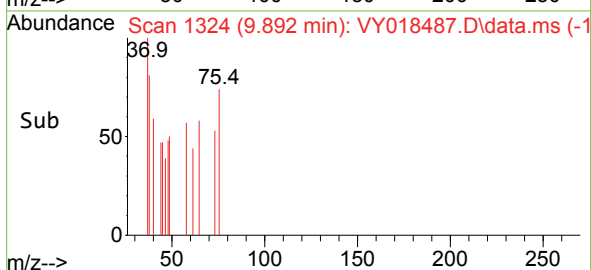
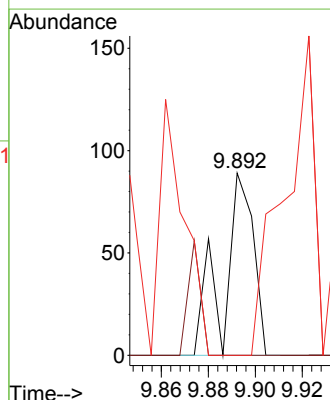
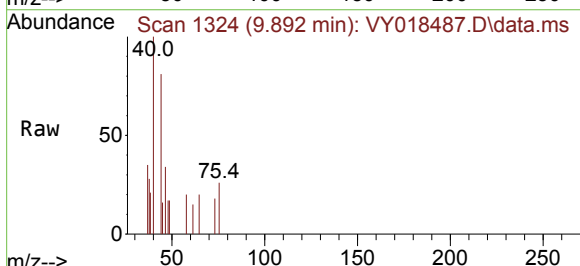
Instrument :
MSVOA_Y
ClientSampleId :

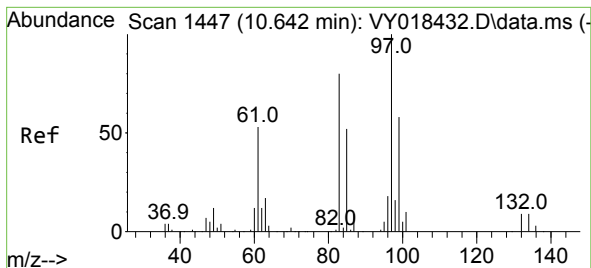
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 28.8 35.7 53.5#



#54
cis-1,3-Dichloropropene
Concen: 1.872 ug/l
RT: 9.892 min Scan# 1324
Delta R.T. -0.030 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 1.101 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.024 min

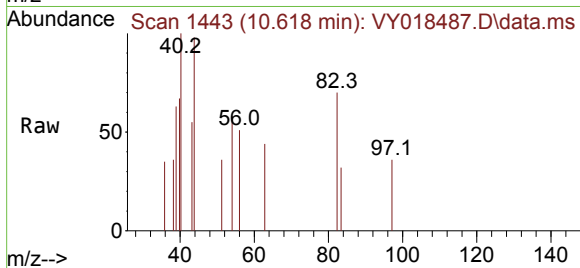
Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 22

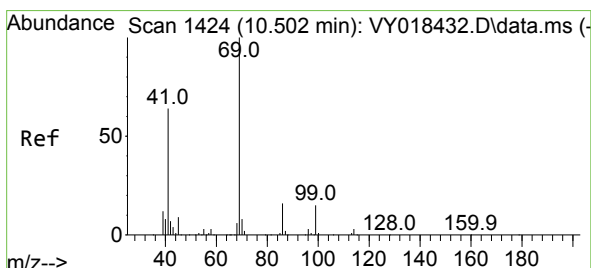
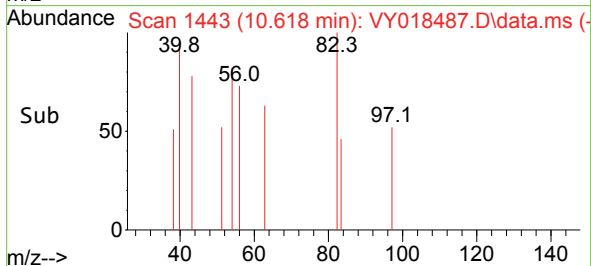
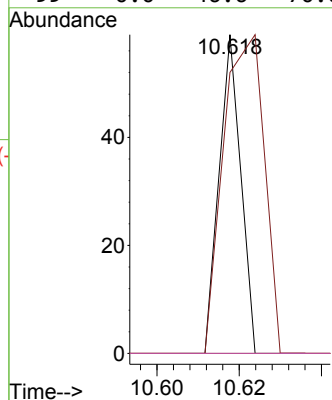
Ion Ratio Lower Upper

97 100

83 88.1 67.5 101.3

85 0.0 42.9 64.3#

99 0.0 46.6 70.0#



#56

Ethyl methacrylate

Concen: 2.170 ug/l

RT: 10.539 min Scan# 1430

Delta R.T. 0.037 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

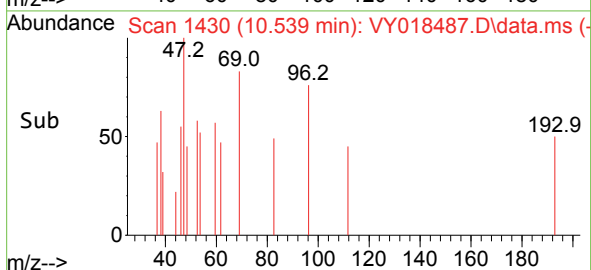
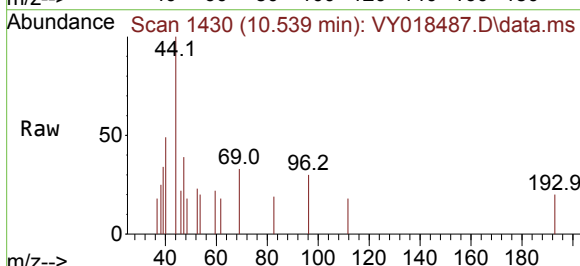
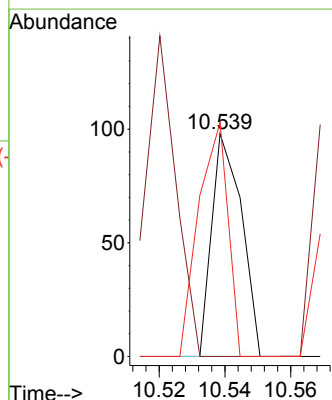
Tgt Ion: 69 Resp: 61

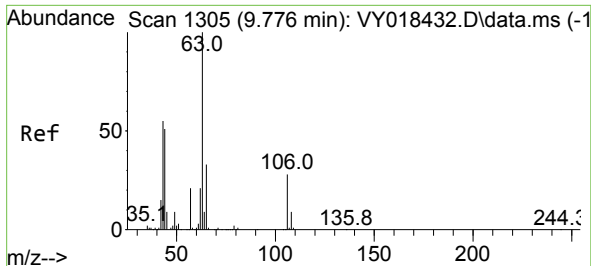
Ion Ratio Lower Upper

69 100

41 152.5 42.3 63.5#

39 104.9 22.9 34.3#

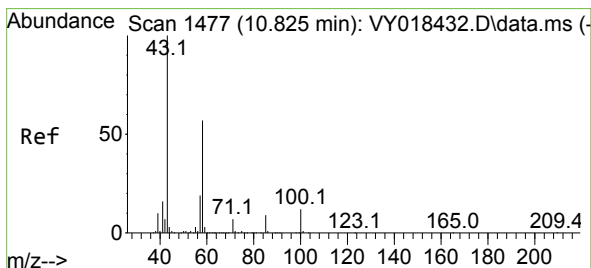
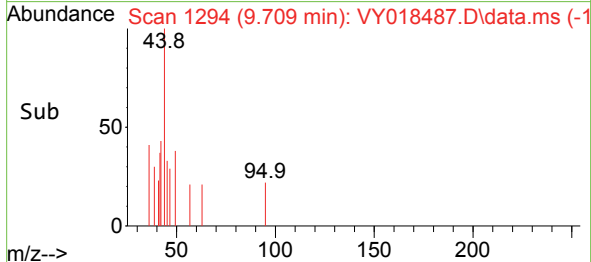
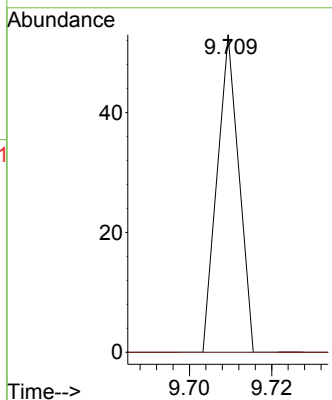
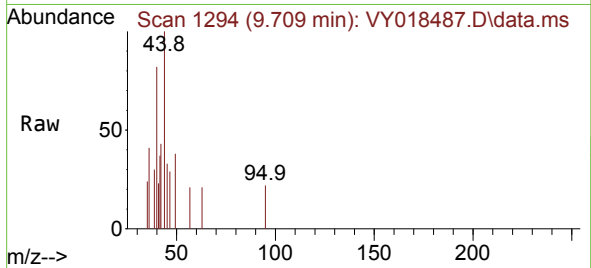




#58
2-Chloroethyl Vinyl ether
Concen: 1.259 ug/l
RT: 9.709 min Scan# 11
Delta R.T. -0.067 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

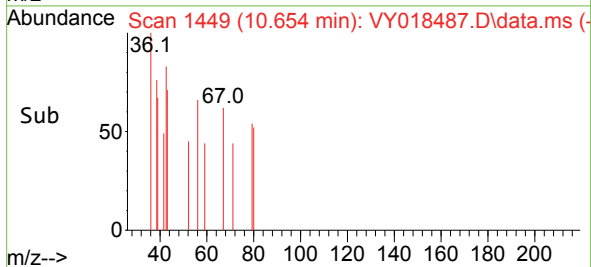
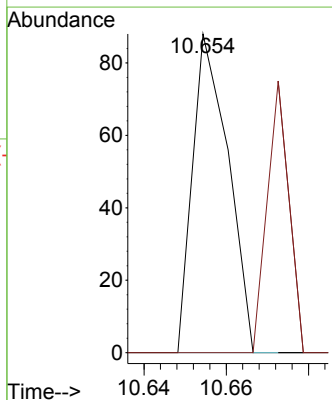
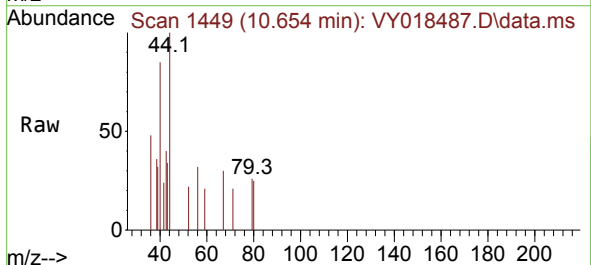
Instrument :
MSVOA_Y
ClientSampleId :

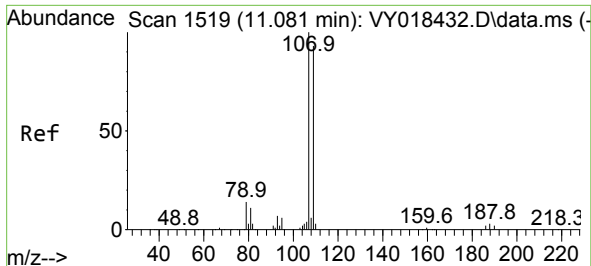
Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 4.047 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.171 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
58 50.9 31.4 94.0

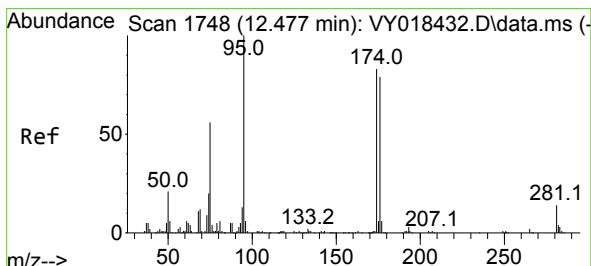
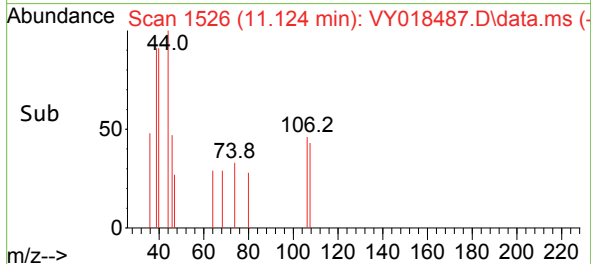
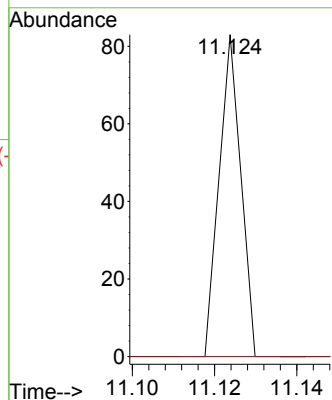
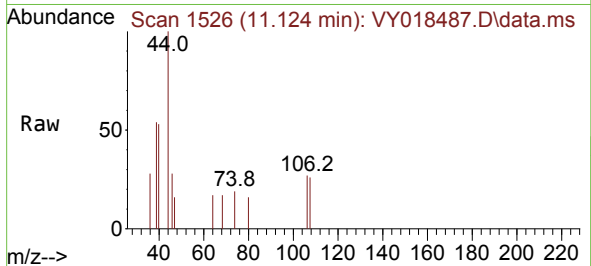




#61
1,2-Dibromoethane
Concen: 1.595 ug/l
RT: 11.124 min Scan# 11
Delta R.T. 0.043 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

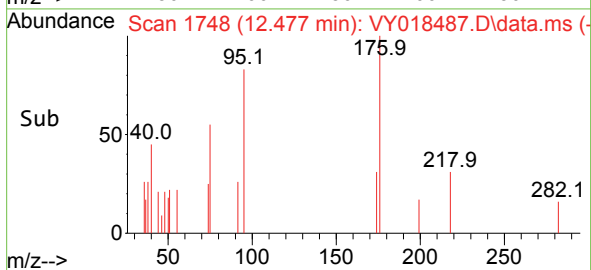
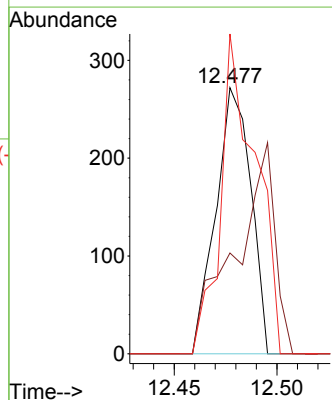
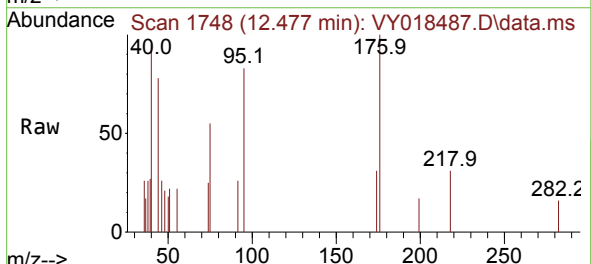
Instrument :
MSVOA_Y
ClientSampleId :

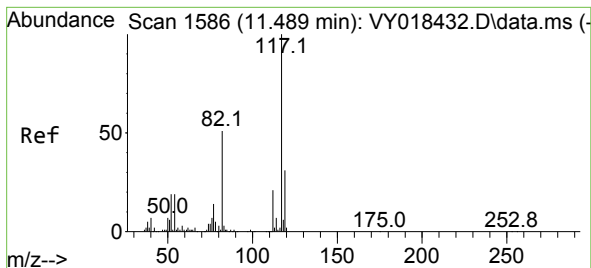
Tgt Ion:107 Resp: 30
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



#62
4-Bromofluorobenzene
Concen: 10.175 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 95 Resp: 323
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 120.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

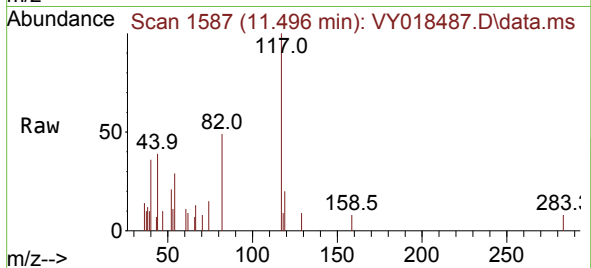
Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

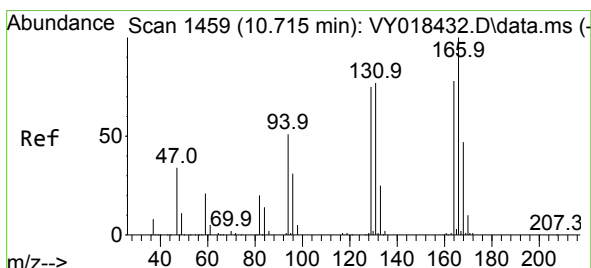
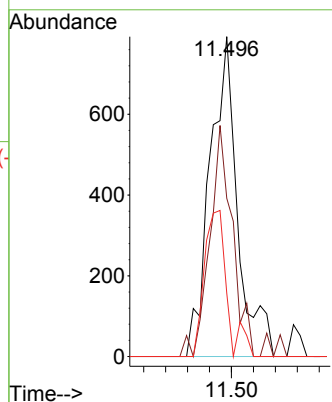
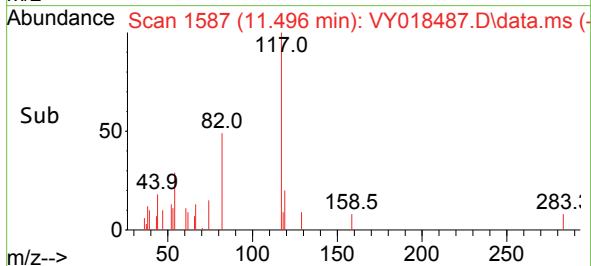
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	1385
Ion	Ratio	Lower Upper
117	100	
82	49.5	42.4 63.6
119	19.8	25.9 38.9#



#64

Tetrachloroethene

Concen: 1.520 ug/l

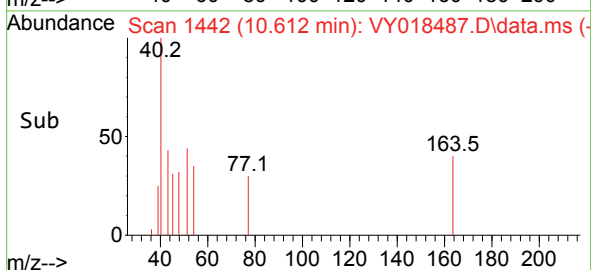
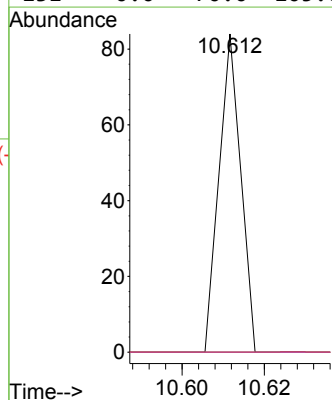
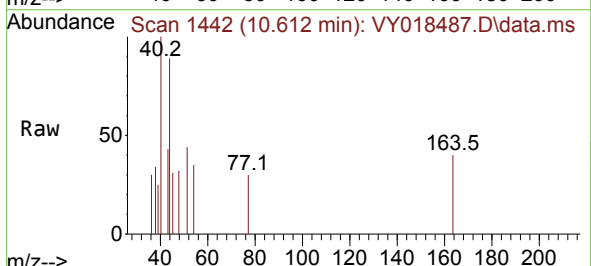
RT: 10.612 min Scan# 1442

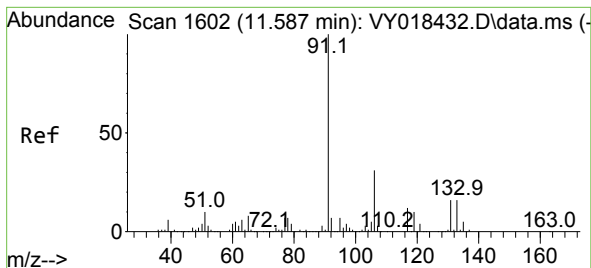
Delta R.T. -0.104 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Tgt Ion:164	Resp:	31
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#

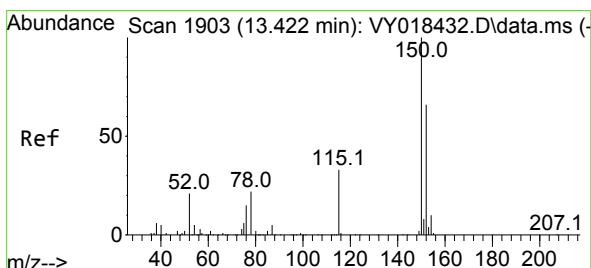
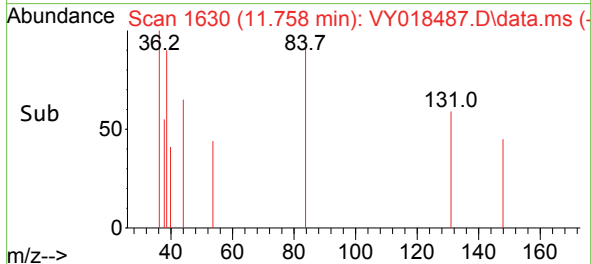
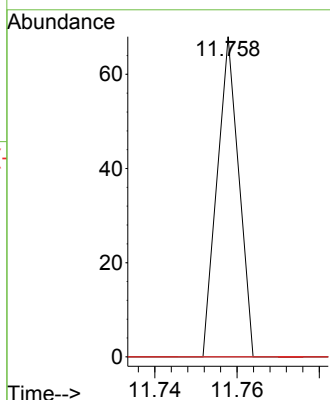
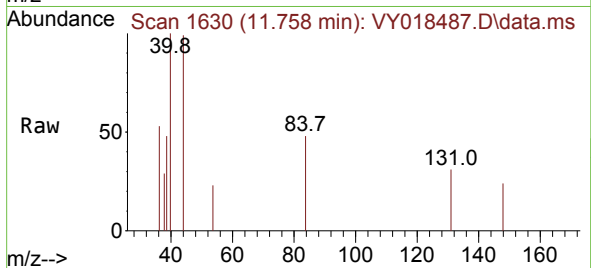




#66
1,1,1,2-Tetrachloroethane
Concen: 1.302 ug/l
RT: 11.758 min Scan# 11
Delta R.T. 0.171 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

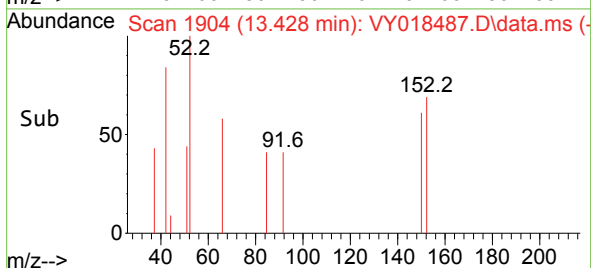
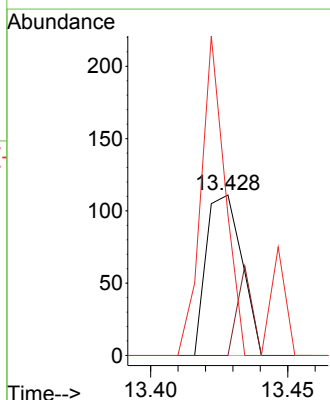
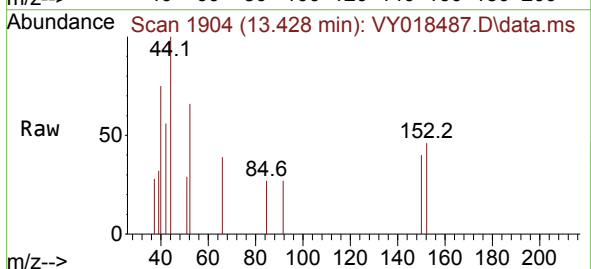
Instrument :
MSVOA_Y
ClientSampleId :

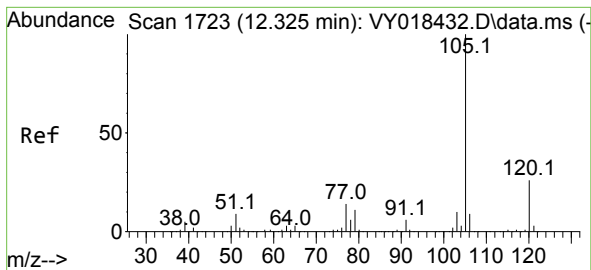
Tgt Ion:131 Resp: 25
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 0.0 34.1 102.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion:152 Resp: 100
Ion Ratio Lower Upper
152 100
115 23.0 28.2 84.7#
150 135.0 0.0 345.6





#73

Isopropylbenzene

Concen: 2.035 ug/l

RT: 12.319 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

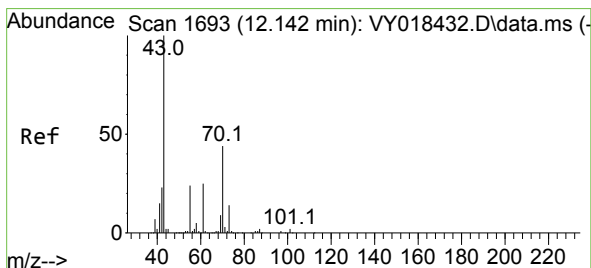
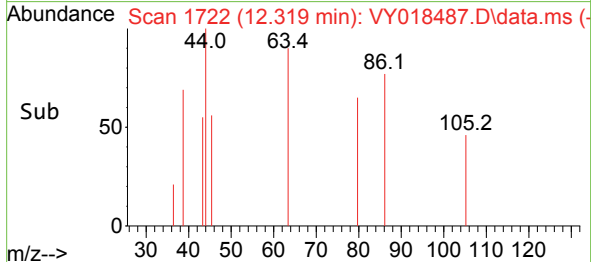
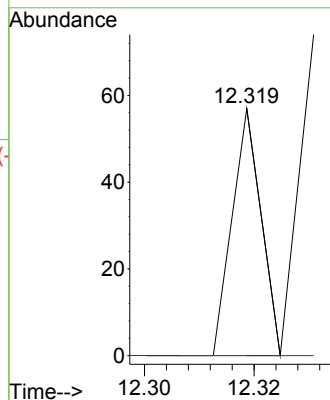
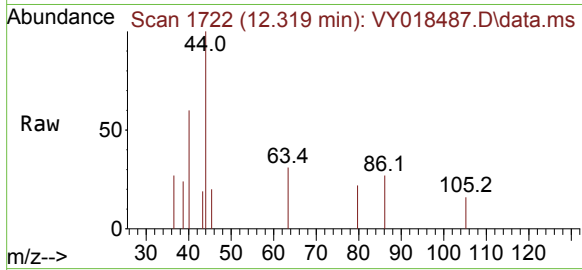
ClientSampleId :

Tgt Ion:105 Resp: 21

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.1#



#74

N-ethyl acetate

Concen: 29.062 ug/l

RT: 12.197 min Scan# 1702

Delta R.T. 0.055 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Tgt Ion: 43 Resp: 73

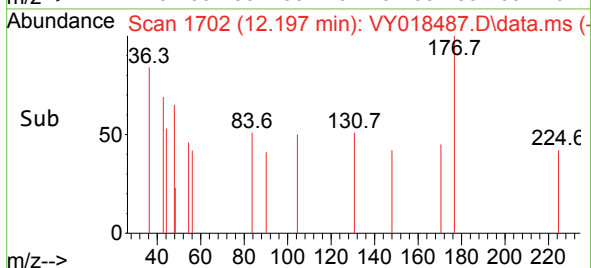
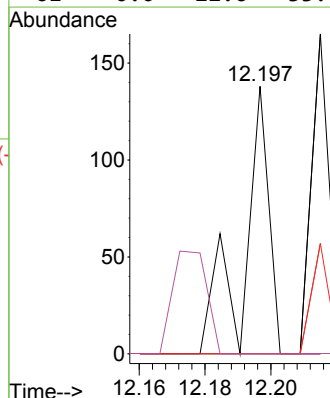
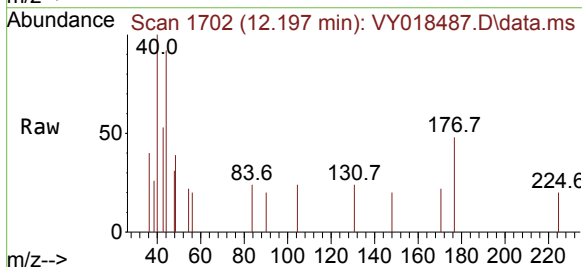
Ion Ratio Lower Upper

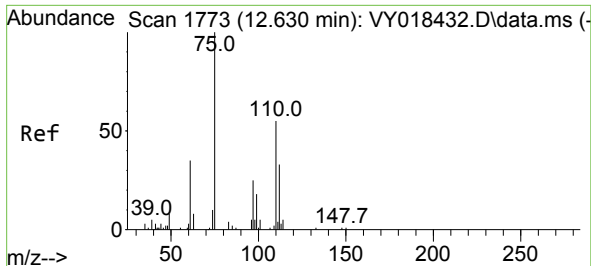
43 100

70 0.0 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#

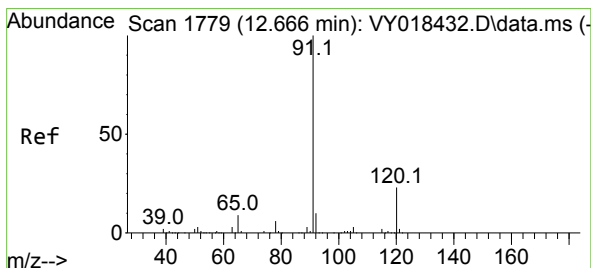
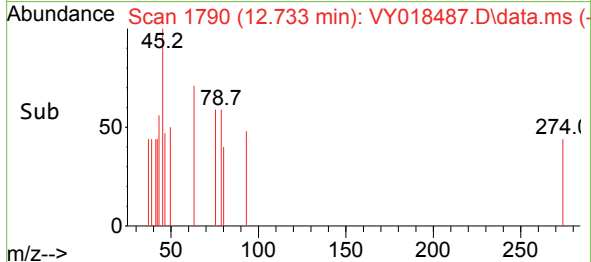
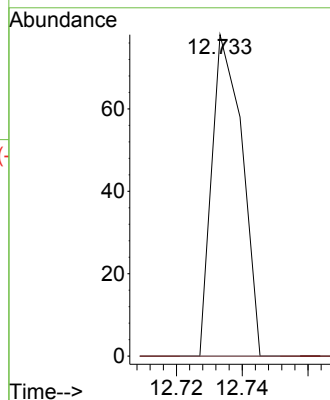
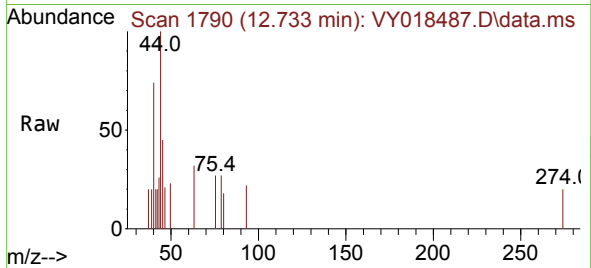




#76
1,2,3-Trichloropropane
Concen: 40.322 ug/l
RT: 12.733 min Scan# 1761
Delta R.T. 0.104 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

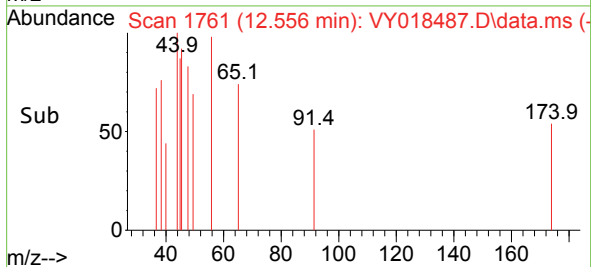
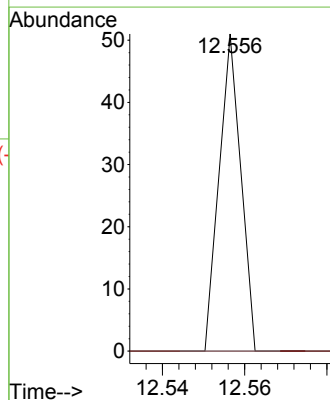
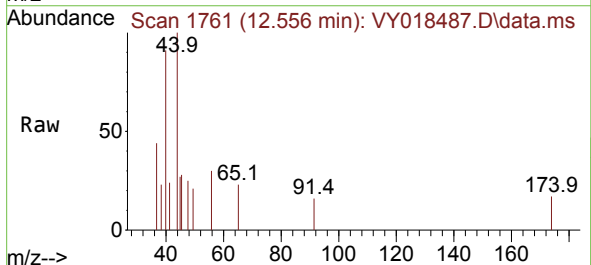
Instrument :
MSVOA_Y
ClientSampleId :

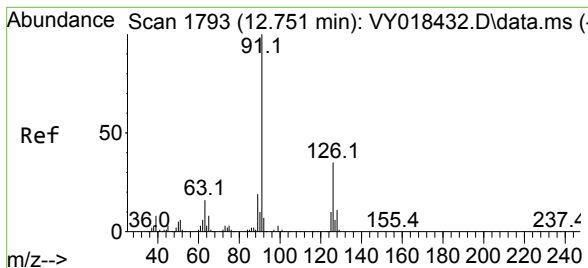
Tgt Ion: 75 Resp: 50
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.534 ug/l
RT: 12.556 min Scan# 1761
Delta R.T. -0.110 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#

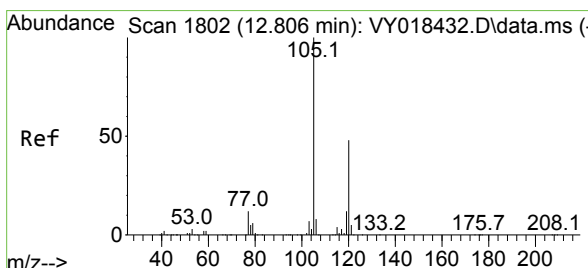
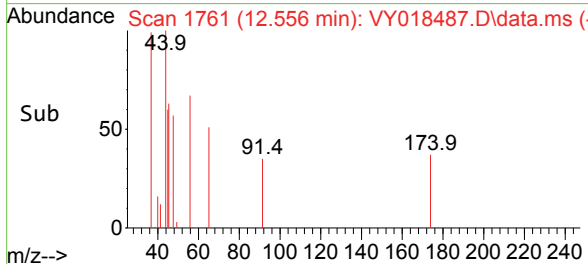
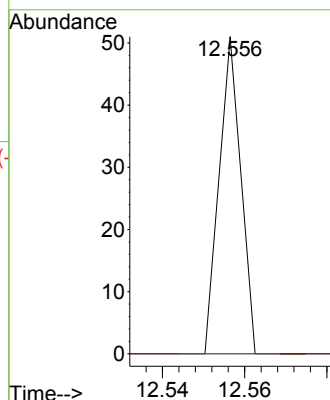
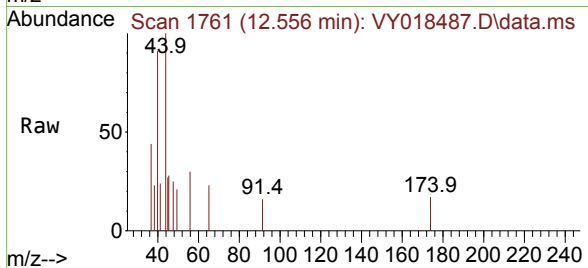




#79
2-Chlorotoluene
Concen: 2.822 ug/l
RT: 12.556 min Scan# 11
Delta R.T. -0.195 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

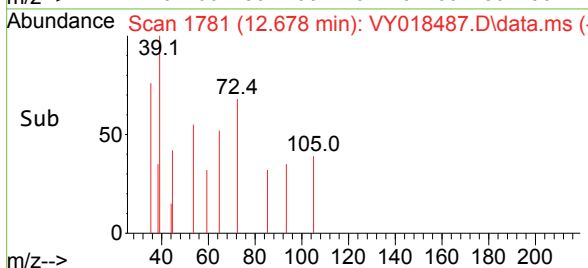
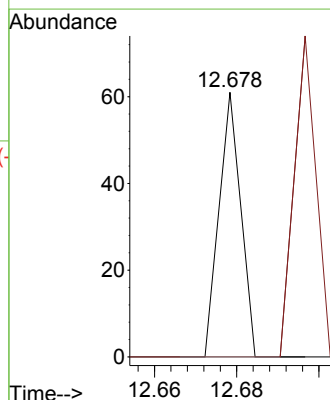
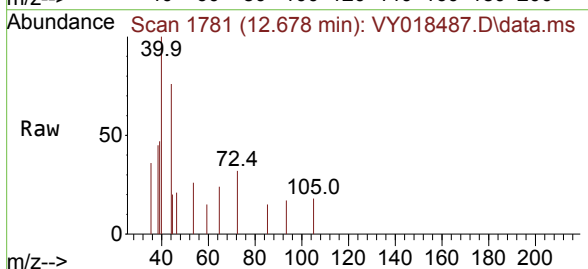
Instrument :
MSVOA_Y
ClientSampleId :

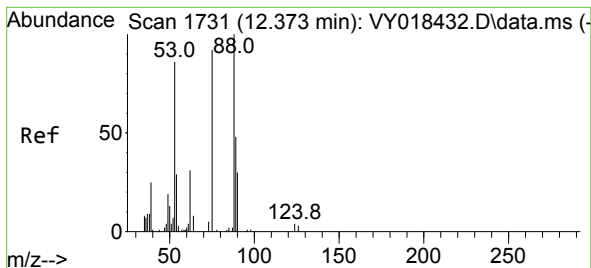
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 2.737 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.128 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 105 Resp: 22
Ion Ratio Lower Upper
105 100
120 122.7 25.1 75.2#

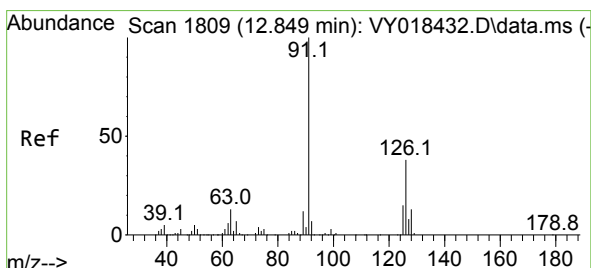
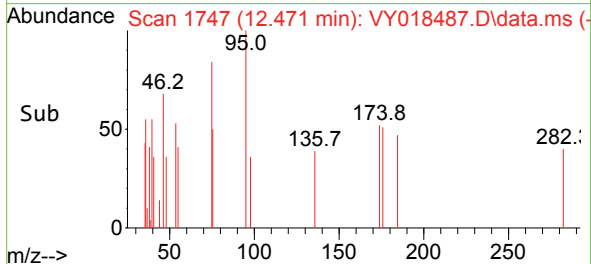
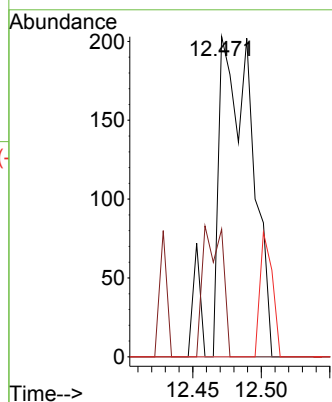
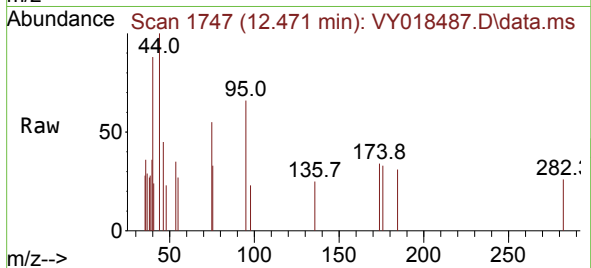




#81
trans-1,4-Dichloro-2-butene
Concen: 604.860 ug/l
RT: 12.471 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

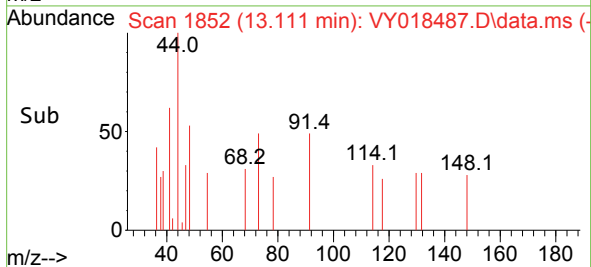
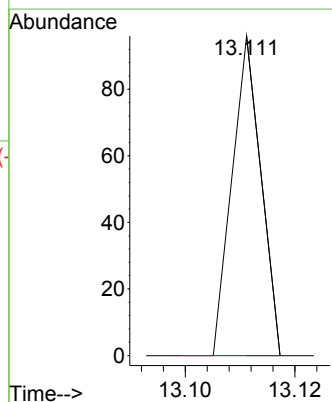
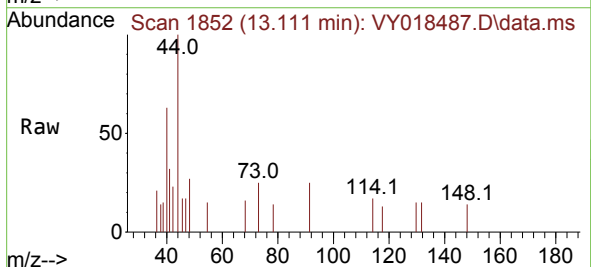
Instrument :
MSVOA_Y
ClientSampleId :

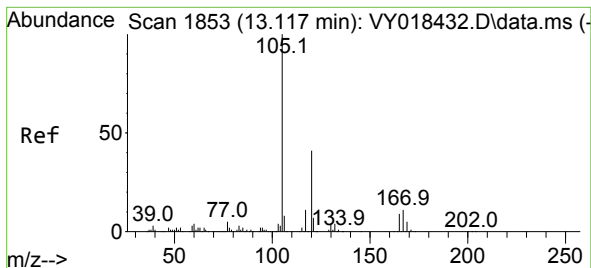
Tgt Ion: 75 Resp: 357
Ion Ratio Lower Upper
75 100
53 23.0 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 5.166 ug/l
RT: 13.111 min Scan# 1852
Delta R.T. 0.262 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 91 Resp: 35
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#84

1,2,4-Trimethylbenzene

Concen: 2.542 ug/l

RT: 13.160 min Scan# 1860

Delta R.T. 0.043 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

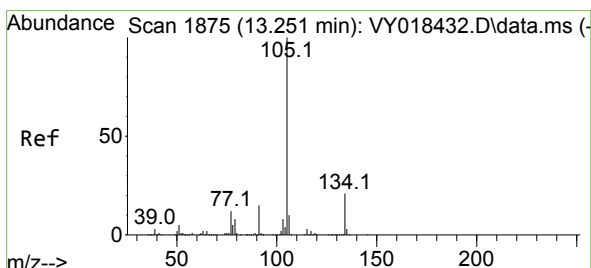
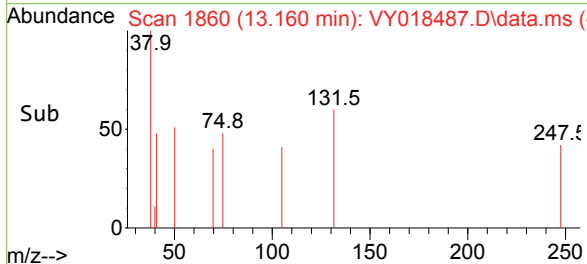
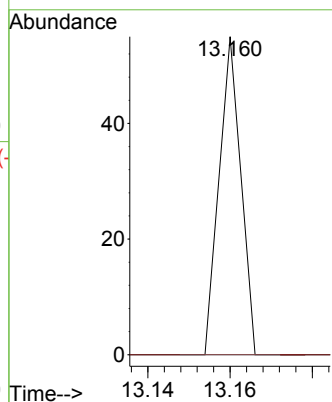
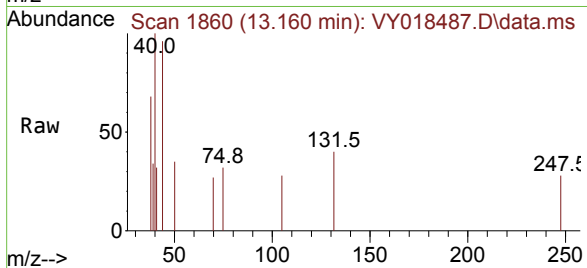
ClientSampleId :

Tgt Ion:105 Resp: 20

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#85

sec-Butylbenzene

Concen: 1.919 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018487.D

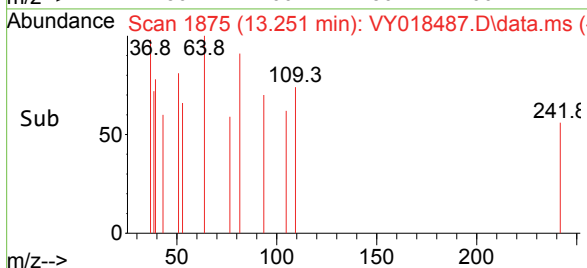
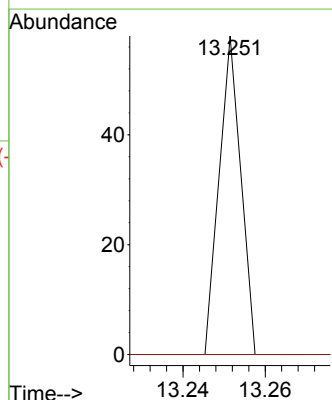
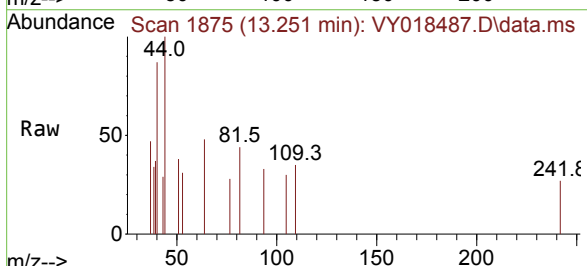
Acq: 05 Jun 2024 16:11

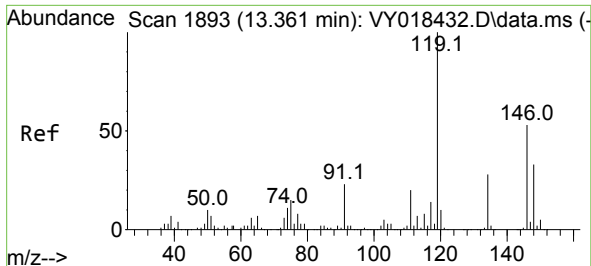
Tgt Ion:105 Resp: 21

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#





#87

1,3-Dichlorobenzene

Concen: 4.396 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.085 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

Instrument :

MSVOA_Y

ClientSampleId :

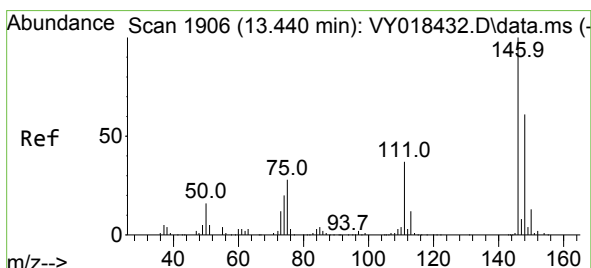
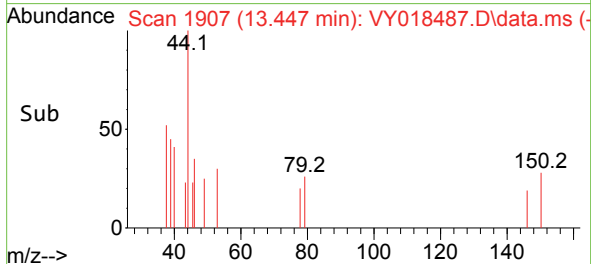
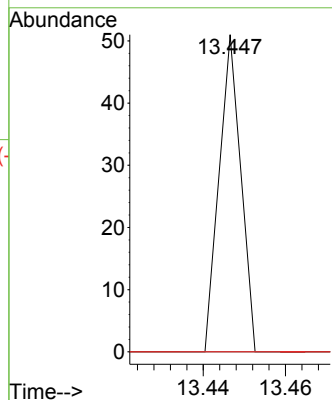
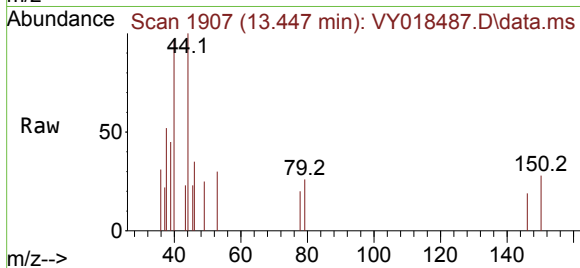
Tgt Ion:146 Resp: 19

Ion Ratio Lower Upper

146 100

111 0.0 19.0 57.0#

148 0.0 31.7 95.1#



#88

1,4-Dichlorobenzene

Concen: 4.475 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY018487.D

Acq: 05 Jun 2024 16:11

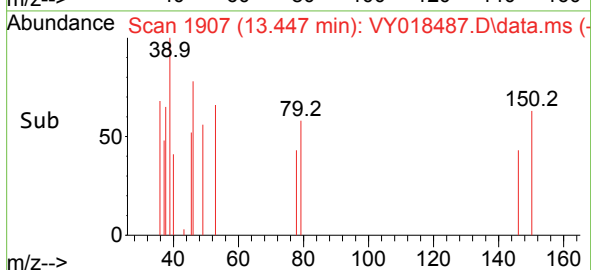
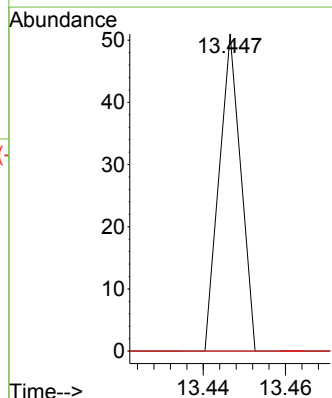
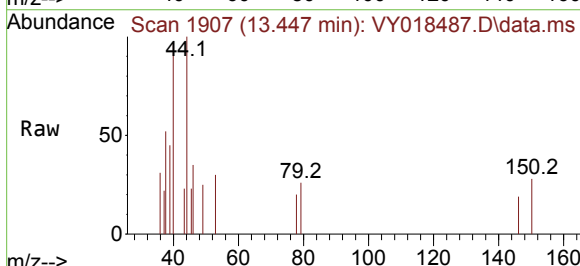
Tgt Ion:146 Resp: 19

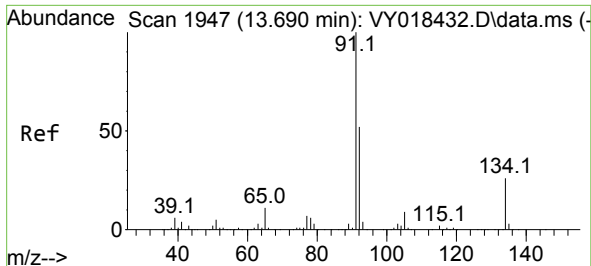
Ion Ratio Lower Upper

146 100

111 0.0 18.4 55.4#

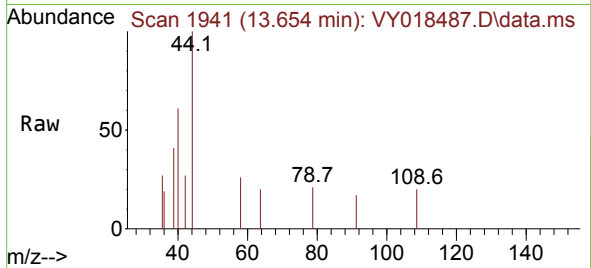
148 0.0 32.4 97.2#



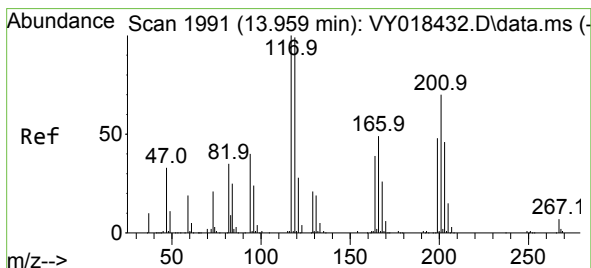
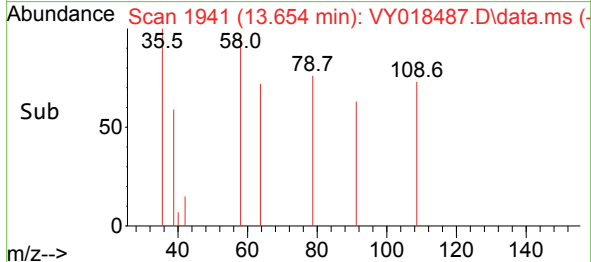
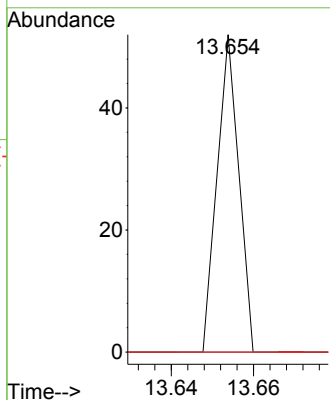


#89
n-Butylbenzene
Concen: 2.263 ug/l
RT: 13.654 min Scan# 1941
Delta R.T. -0.036 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :

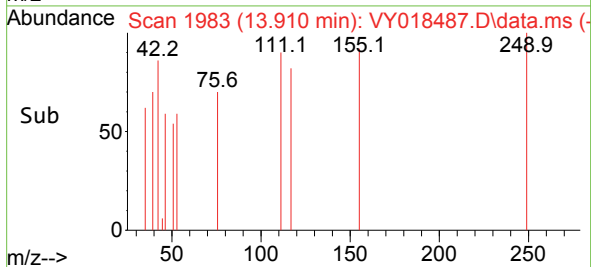
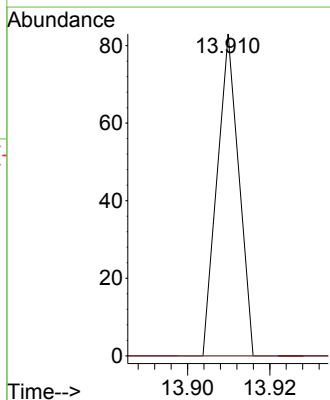
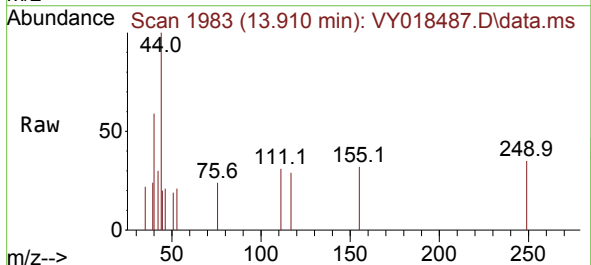


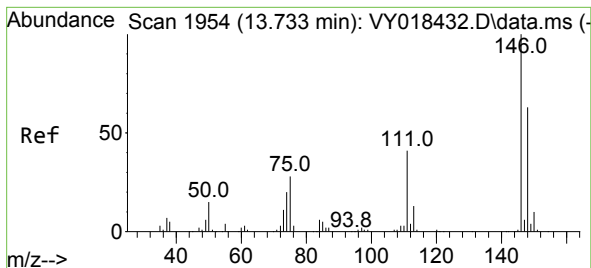
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#



#90
Hexachloroethane
Concen: 18.119 ug/l
RT: 13.910 min Scan# 1983
Delta R.T. -0.049 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion: 117 Resp: 30
Ion Ratio Lower Upper
117 100
201 0.0 37.4 112.2#

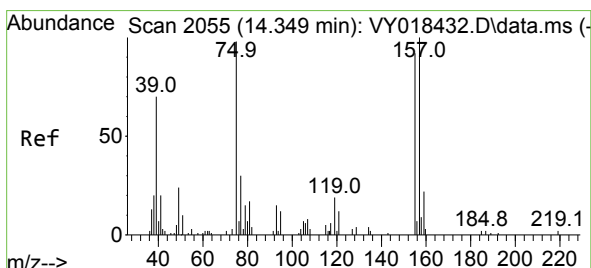
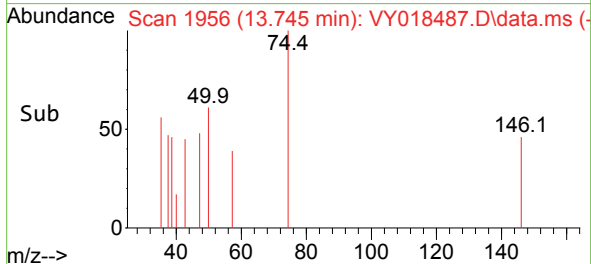
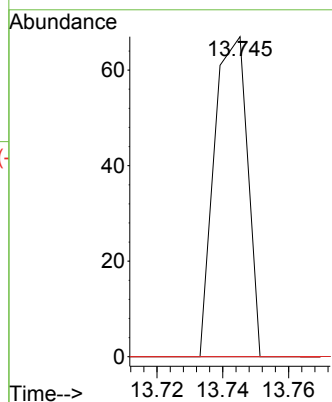
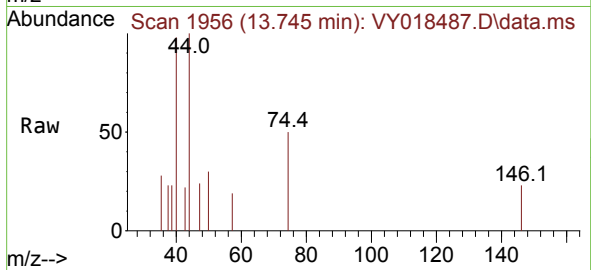




#91
1,2-Dichlorobenzene
Concen: 12.497 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.012 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

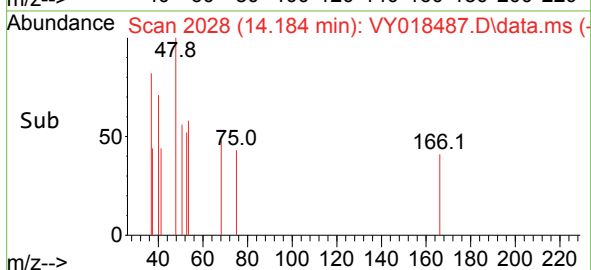
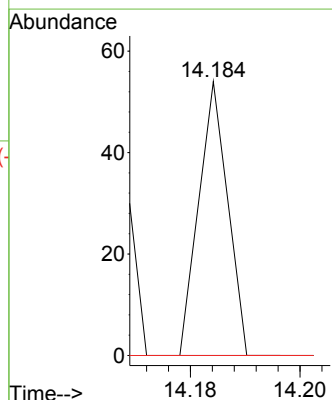
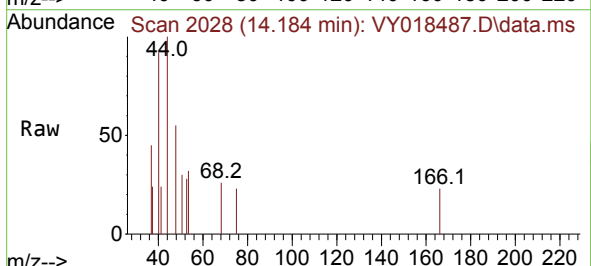
Instrument :
MSVOA_Y
ClientSampleId :

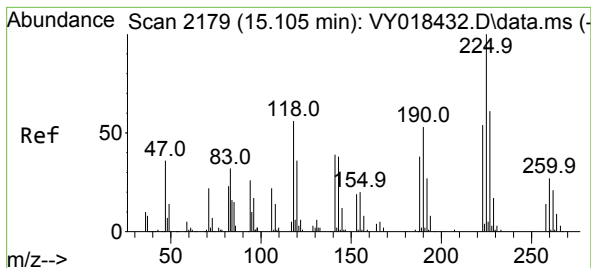
Tgt Ion:146 Resp: 47
Ion Ratio Lower Upper
146 100
111 0.0 19.9 59.7#
148 0.0 31.8 95.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 72.352 ug/l
RT: 14.184 min Scan# 2028
Delta R.T. -0.165 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

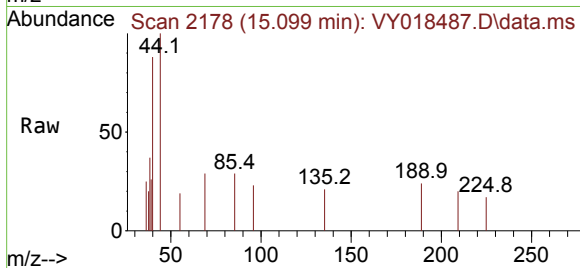
Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



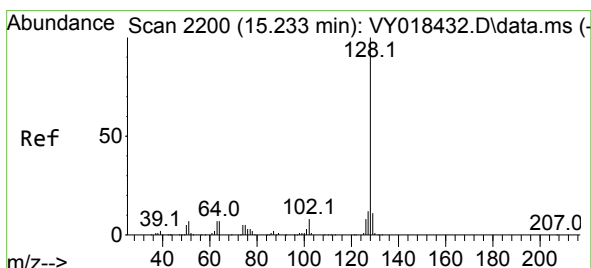
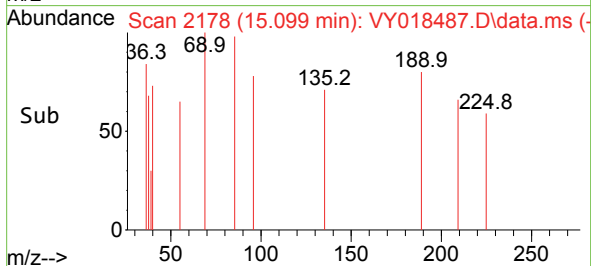
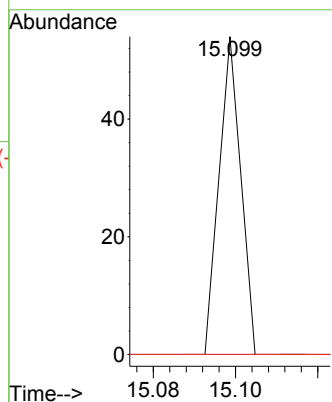


#94
Hexachlorobutadiene
Concen: 18.514 ug/l
RT: 15.099 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:225 Resp: 20
Ion Ratio Lower Upper
225 100
223 0.0 30.4 91.2#
227 0.0 31.9 95.9#



#95
Naphthalene
Concen: 9.792 ug/l
RT: 15.343 min Scan# 2218
Delta R.T. 0.110 min
Lab File: VY018487.D
Acq: 05 Jun 2024 16:11

Tgt Ion:128 Resp: 40
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

