

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018527.D
 Acq On : 07 Jun 2024 15:14
 Operator : SY/MD
 Sample : P2707-06
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 23:13:44 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	7.777	168	823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	1690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	237	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	1453	89.900	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.800%#	
35) Dibromofluoromethane	7.698	113	969	45.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.440%	
50) Toluene-d8	10.179	98	2745	32.197	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 64.400%	
62) 4-Bromofluorobenzene	12.489	95	539	20.305	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 40.620%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.936	85	46	3.519	ug/l #	43
3) Chloromethane	2.113	50	342	14.030	ug/l #	43
4) Vinyl Chloride	2.266	62	30	1.029	ug/l #	42
5) Bromomethane	2.662	94	77	3.958	ug/l	82
6) Chloroethane	2.741	64	23	1.249	ug/l #	42
8) Diethyl Ether	3.515	74	72	7.932	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.991	101	70	3.985	ug/l #	19
10) Methyl Iodide	4.070	142	22	1.275	ug/l #	42
11) Tert butyl alcohol	4.912	59	51	Below Cal	#	88
13) Acrolein	3.631	56	59	35.663	ug/l #	15
14) Allyl chloride	4.460	41	159	6.288	ug/l #	62
15) Acrylonitrile	5.101	53	71	17.104	ug/l #	18
16) Acetone	3.930	43	84	23.416	ug/l #	36
18) Methyl Acetate	4.473	43	76	8.472	ug/l #	46
20) Methylene Chloride	4.680	84	153	4.773	ug/l #	60
21) trans-1,2-Dichloroethene	5.198	96	34	1.845	ug/l #	1
22) Diisopropyl ether	6.094	45	131	2.544	ug/l #	37
23) Vinyl Acetate	5.984	43	35	1.044	ug/l #	67
24) 1,1-Dichloroethane	6.106	63	59	1.837	ug/l #	80
25) 2-Butanone	6.960	43	132	24.020	ug/l #	81
27) cis-1,2-Dichloroethene	6.984	96	55	2.566	ug/l #	1
28) Bromochloromethane	7.320	49	62	4.195	ug/l #	6
29) Tetrahydrofuran	7.338	42	138	38.667	ug/l #	26
31) Cyclohexane	7.765	56	116	3.849	ug/l #	11
36) 1,1-Dichloropropene	7.783	75	73	2.234	ug/l #	40
37) Ethyl Acetate	7.070	43	65	3.982	ug/l #	22
41) Methacrylonitrile	7.301	41	92	11.587	ug/l #	16
42) 1,2-Dichloroethane	8.234	62	31	1.302	ug/l #	71
43) Isopropyl Acetate	8.265	43	77	2.523	ug/l #	42
44) Trichloroethene	8.960	130	27	1.113	ug/l	3
45) 1,2-Dichloropropane	9.270	63	72	3.216	ug/l #	43
46) Dibromomethane	9.155	93	26	2.025	ug/l #	44
48) Methyl methacrylate	9.283	41	40	2.848	ug/l #	31
49) 1,4-Dioxane	9.264	88	22	130.501	ug/l #	20
51) 4-Methyl-2-Pentanone	9.801	43	50	3.155	ug/l	90
54) cis-1,3-Dichloropropene	10.112	75	40	1.148	ug/l #	40

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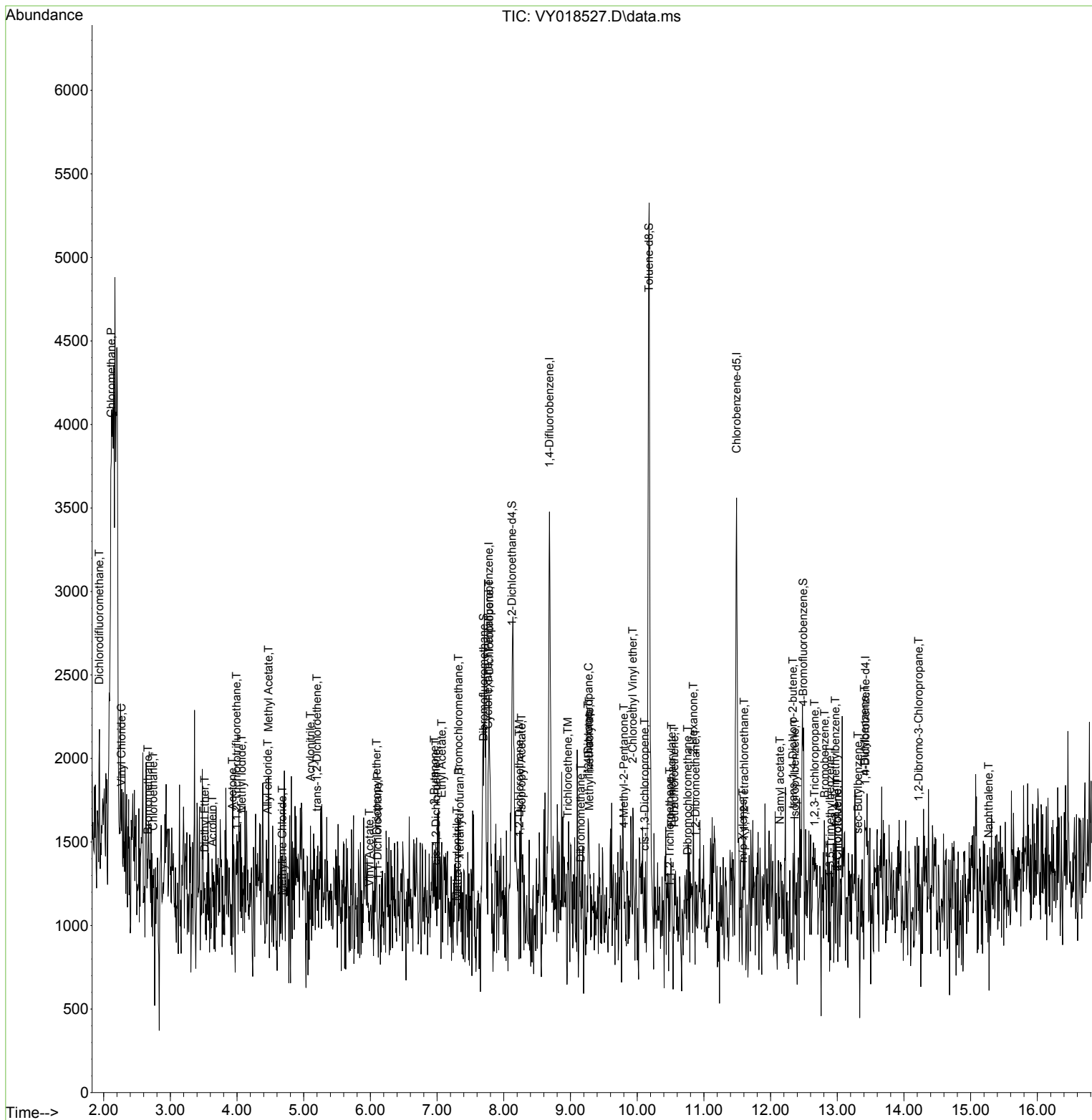
Quant Time: Jun 07 23:13:44 2024
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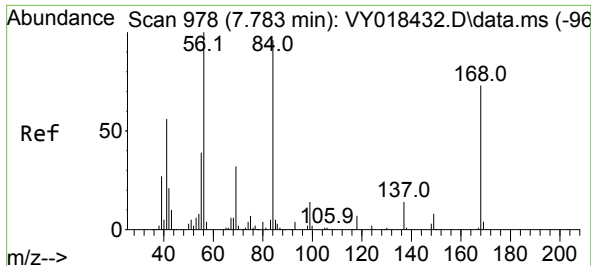
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.490	97	20	1.197	ug/l #	16
56) Ethyl methacrylate	10.514	69	26	1.106	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.935	63	50	3.962	ug/l #	36
59) 2-Hexanone	10.843	43	52	4.748	ug/l	76
60) Dibromochloromethane	10.758	129	45	2.205	ug/l #	10
61) 1,2-Dibromoethane	10.874	107	40	2.543	ug/l #	2
64) Tetrachloroethene	10.557	164	36	2.054	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.605	131	55	3.333	ug/l #	8
68) m/p-Xylenes	11.587	106	57	1.630	ug/l #	1
73) Isopropylbenzene	12.361	105	37	1.513	ug/l #	48
74) N-amyl acetate	12.142	43	28	4.703	ug/l #	1
76) 1,2,3-Trichloropropane	12.660	75	70	23.819	ug/l #	100
77) Bromobenzene	12.813	156	50	9.629	ug/l #	5
79) 2-Chlorotoluene	13.002	91	19	1.191	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.892	105	100	5.250	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.337	75	23	16.442	ug/l #	1
82) 4-Chlorotoluene	13.002	91	19	1.183	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.971	105	19	1.019	ug/l #	30
85) sec-Butylbenzene	13.312	105	49	1.889	ug/l #	56
89) n-Butylbenzene	13.410	91	21	1.056	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.221	75	18	27.475	ug/l #	1
95) Naphthalene	15.269	128	53	5.474	ug/l #	69

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

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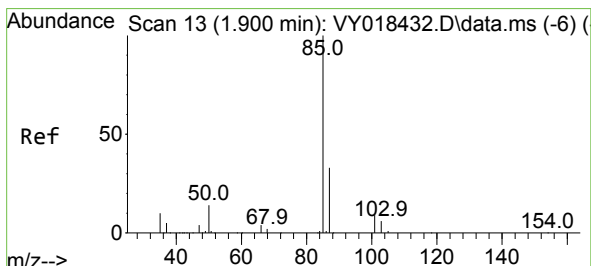
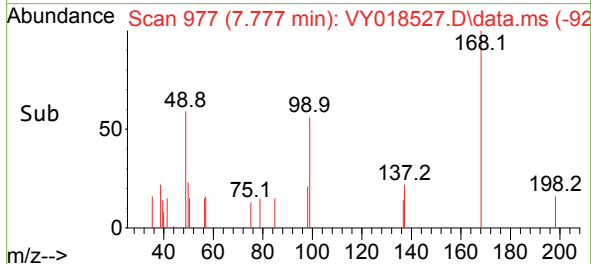
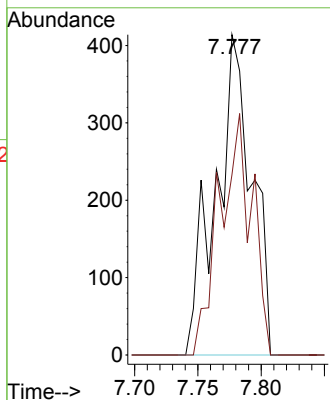
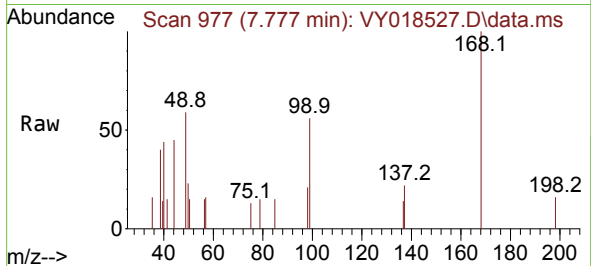




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
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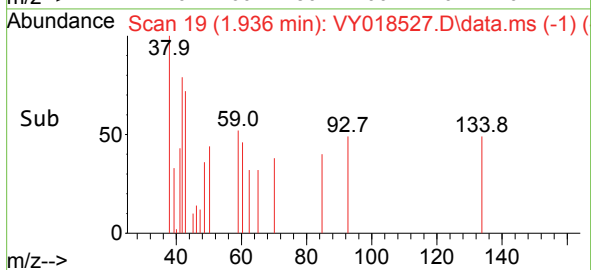
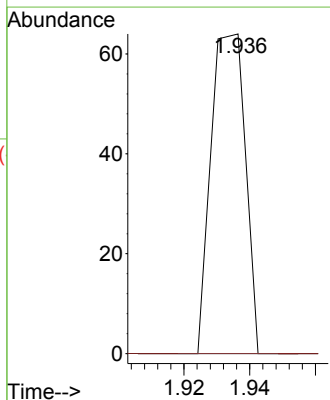
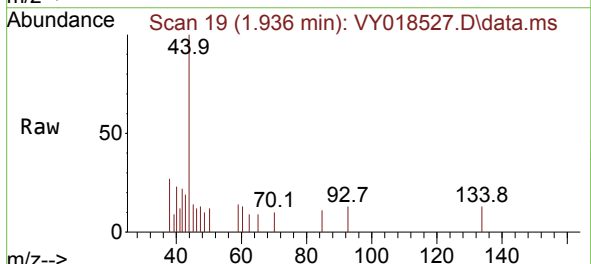
Instrument :
MSVOA_Y
ClientSampleId :

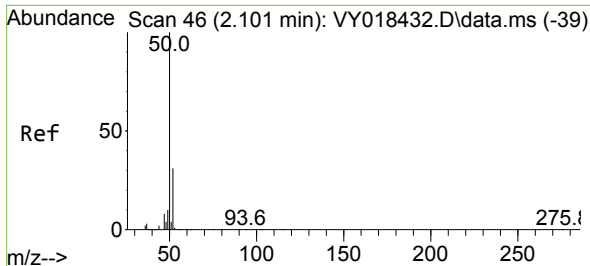
Tgt Ion:168 Resp: 823
Ion Ratio Lower Upper
168 100
99 56.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 3.519 ug/l
RT: 1.936 min Scan# 19
Delta R.T. 0.037 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 85 Resp: 46
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

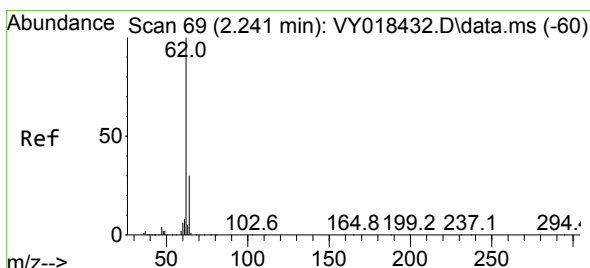
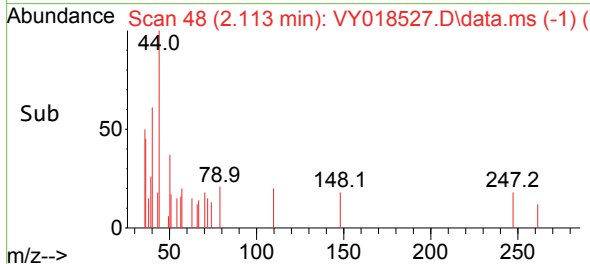
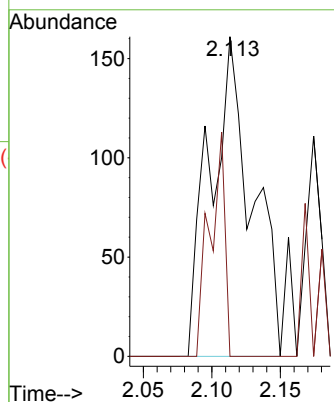
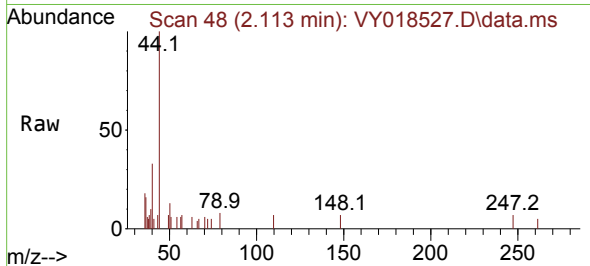




#3
Chloromethane
Concen: 14.030 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

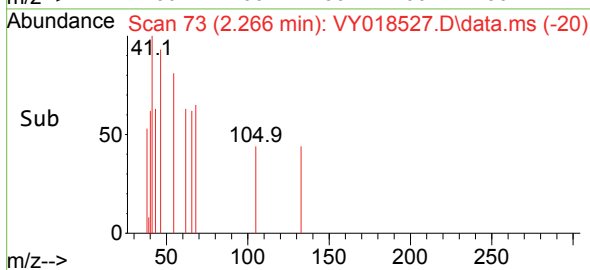
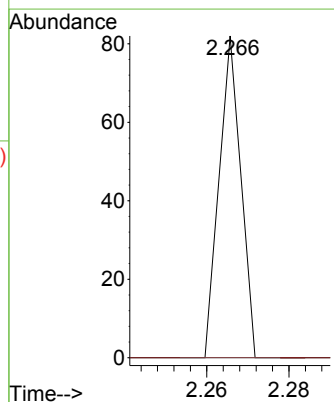
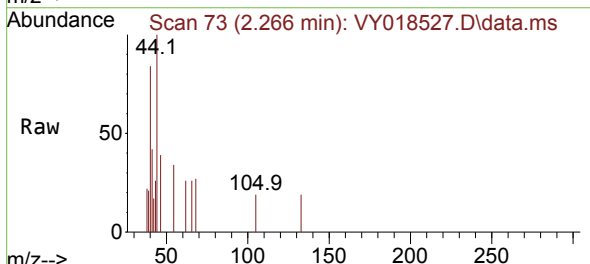
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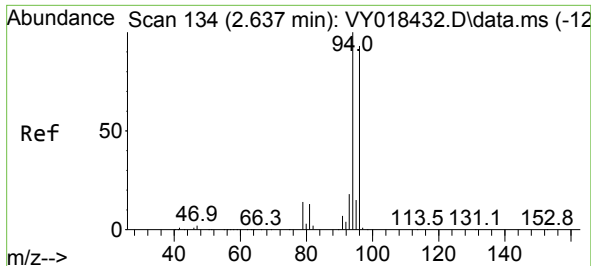
Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 1.029 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.025 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 62 Resp: 30
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

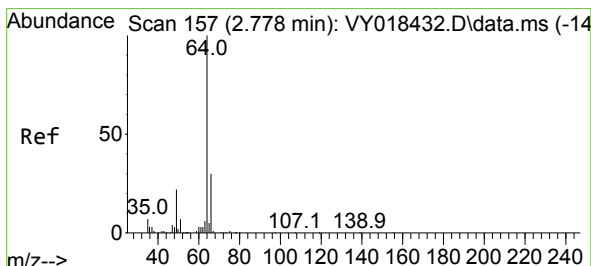
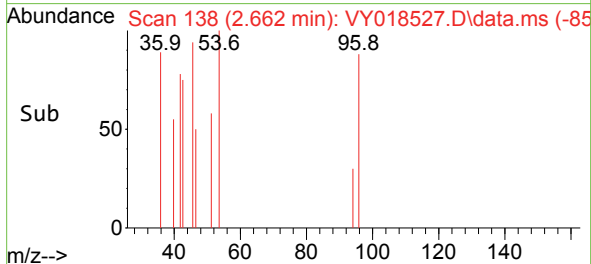
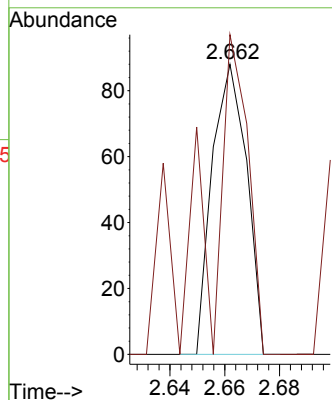
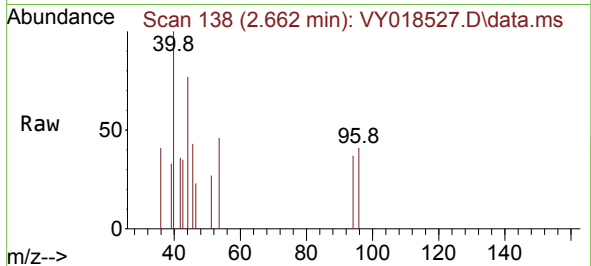




#5
Bromomethane
Concen: 3.958 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

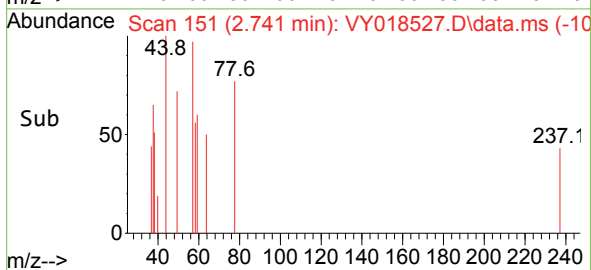
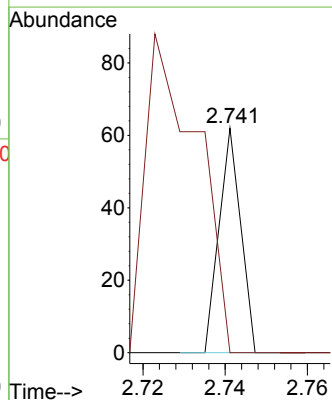
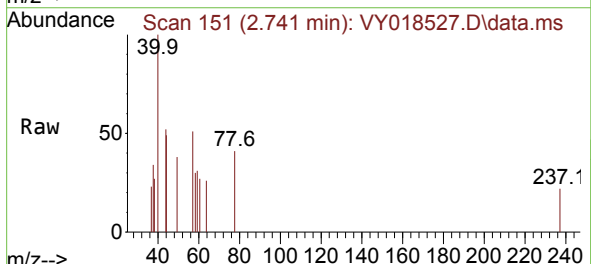
Instrument :
MSVOA_Y
ClientSampleId :

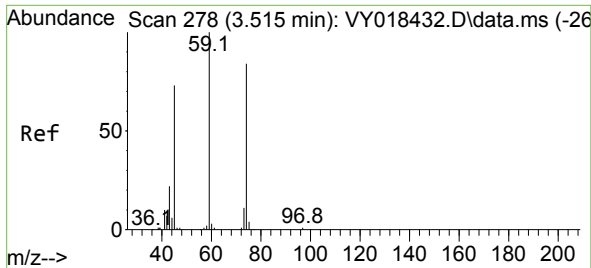
Tgt Ion: 94 Resp: 77
Ion Ratio Lower Upper
94 100
96 110.2 74.1 111.1



#6
Chloroethane
Concen: 1.249 ug/l
RT: 2.741 min Scan# 151
Delta R.T. -0.036 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

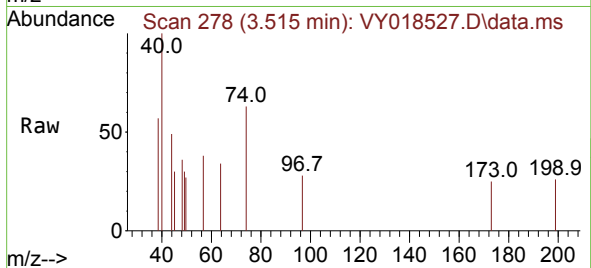
Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



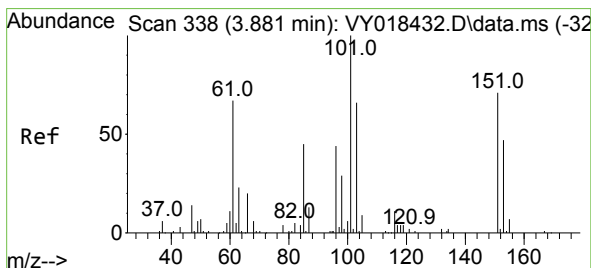
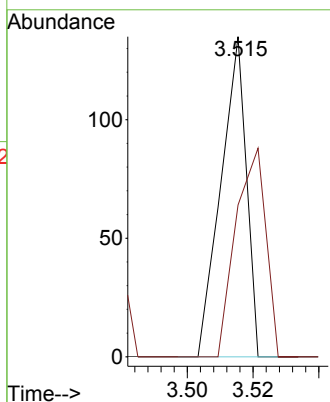
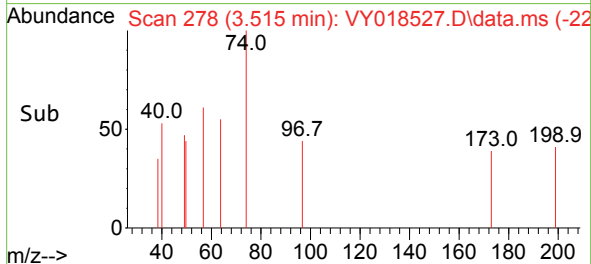


#8
Diethyl Ether
Concen: 7.932 ug/l
RT: 3.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

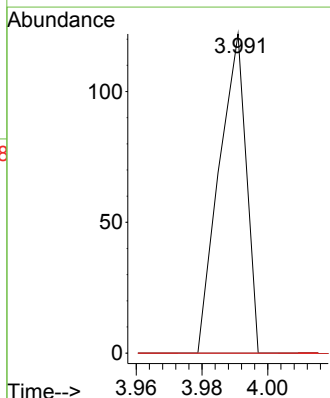
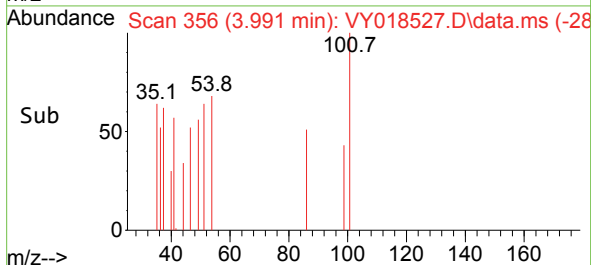
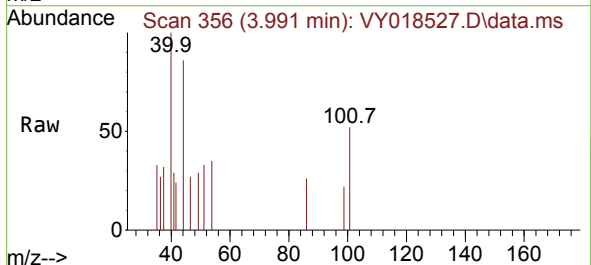


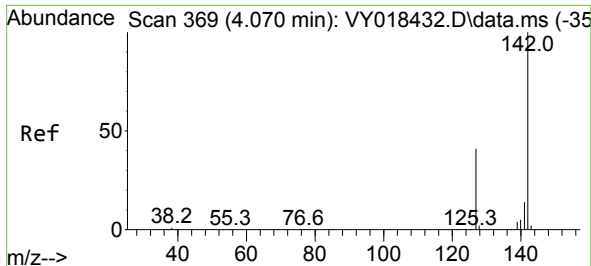
Tgt Ion: 74 Resp: 72
Ion Ratio Lower Upper
74 100
45 77.8 41.3 124.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.985 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.110 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

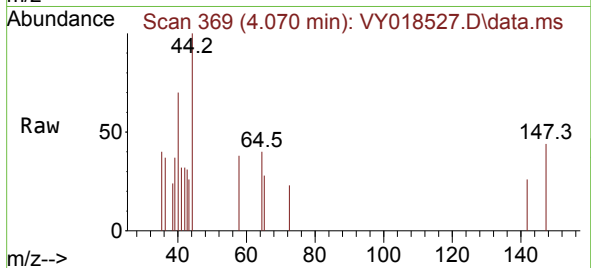
Tgt Ion: 101 Resp: 70
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#



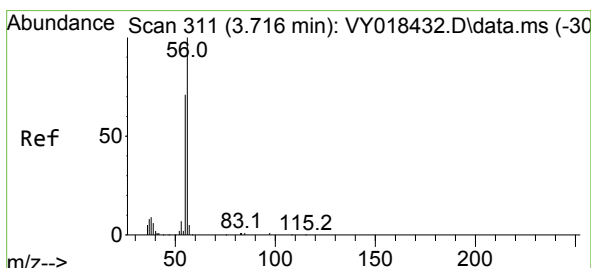
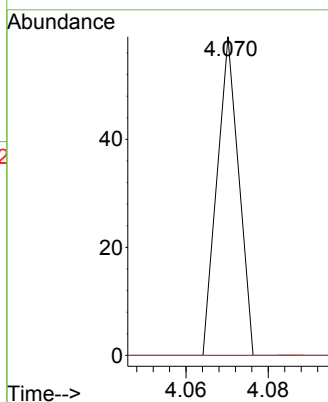
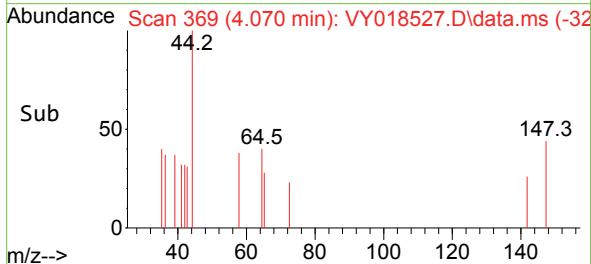


#10
Methyl Iodide
Concen: 1.275 ug/l
RT: 4.070 min Scan# 30
Delta R.T. 0.000 min
Lab File: VY018527.D
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Instrument :
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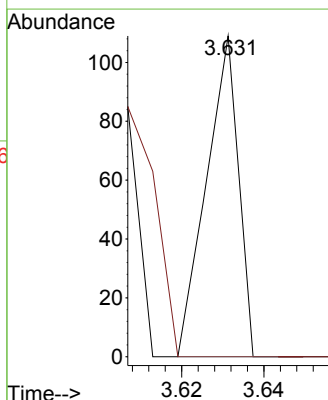
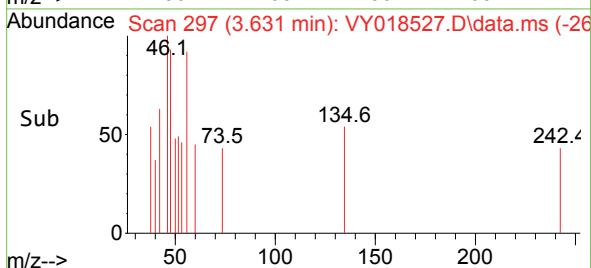
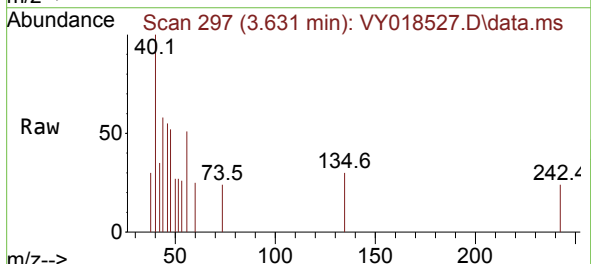


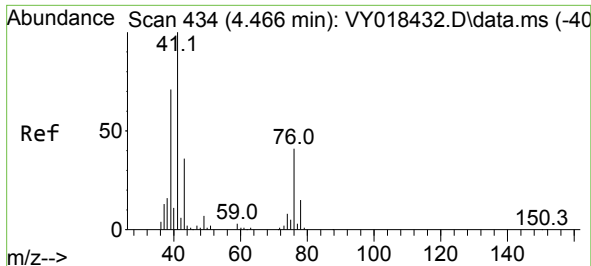
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 35.663 ug/l
RT: 3.631 min Scan# 297
Delta R.T. -0.085 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

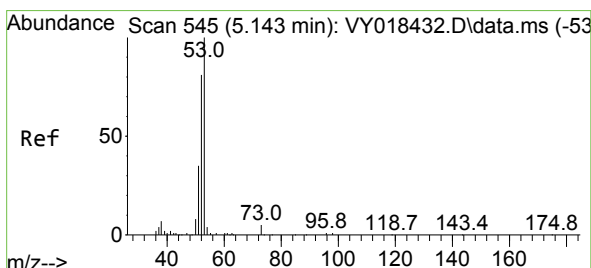
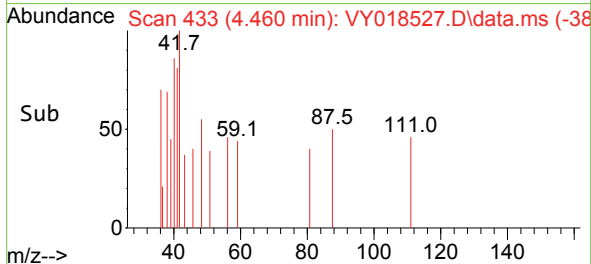
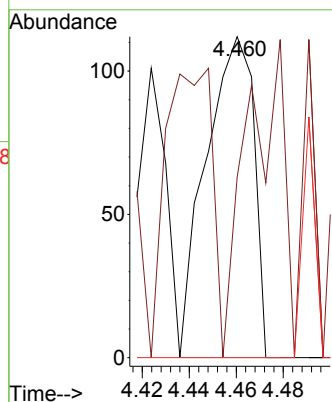
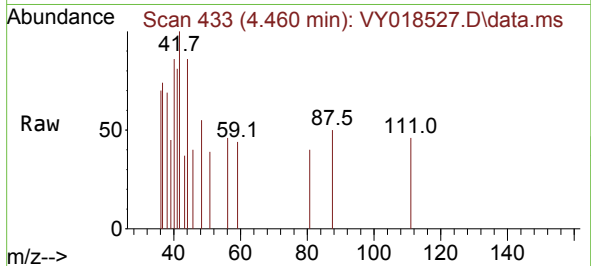




#14
Allyl chloride
Concen: 6.288 ug/l
RT: 4.460 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

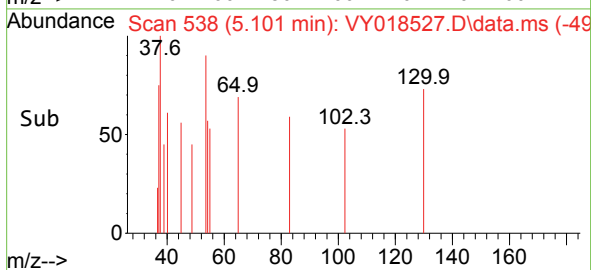
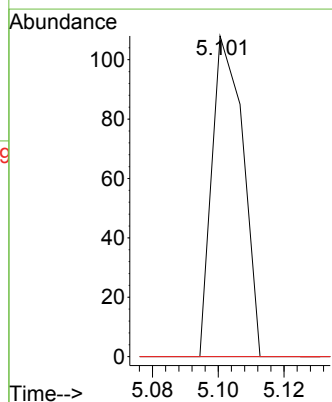
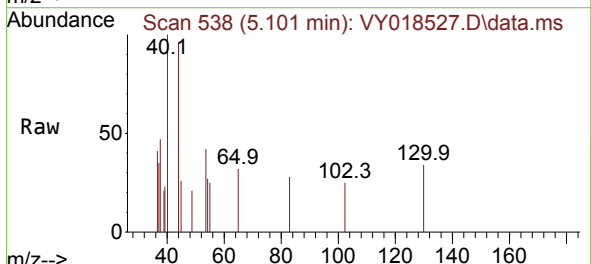
Instrument :
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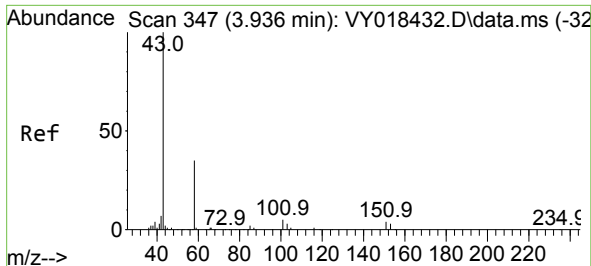
Tgt Ion: 41 Resp: 159
Ion Ratio Lower Upper
41 100
39 86.2 58.3 87.5
76 0.0 39.0 58.6#



#15
Acrylonitrile
Concen: 17.104 ug/l
RT: 5.101 min Scan# 538
Delta R.T. -0.043 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 53 Resp: 71
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#

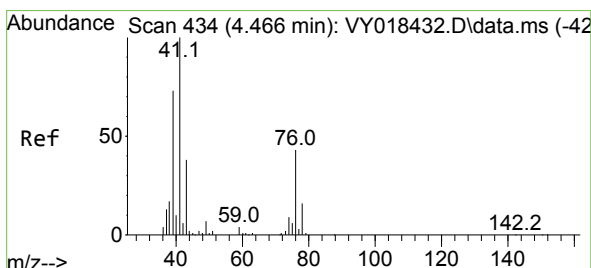
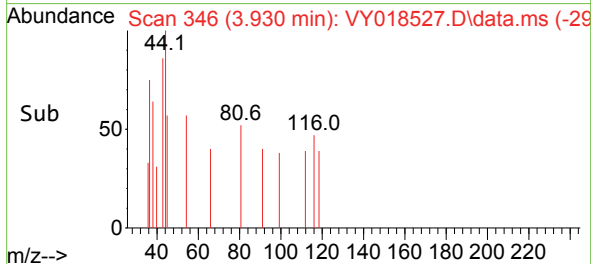
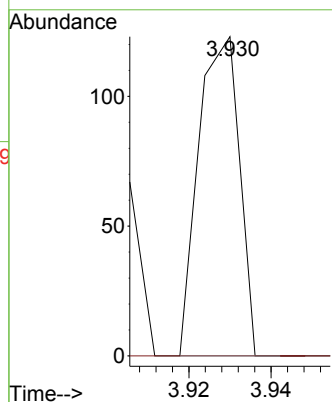
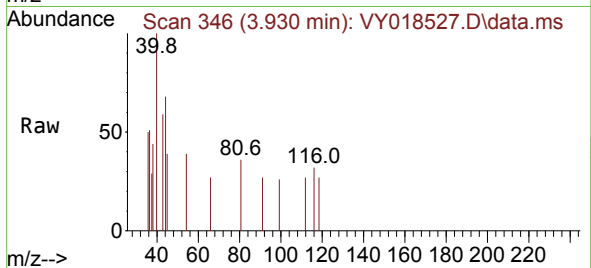




#16
Acetone
Concen: 23.416 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

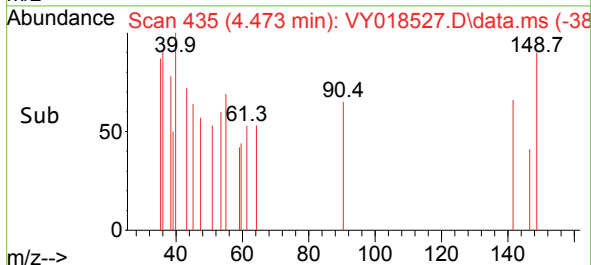
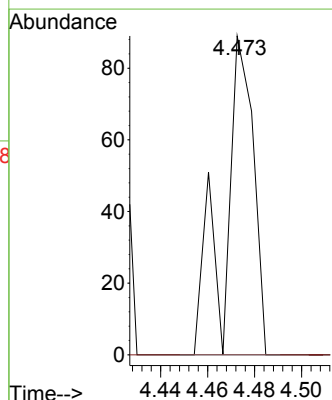
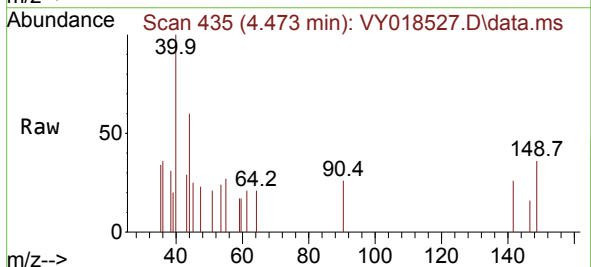
Instrument :
MSVOA_Y
ClientSampleId :

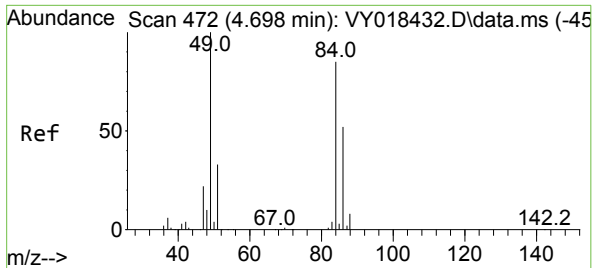
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#18
Methyl Acetate
Concen: 8.472 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

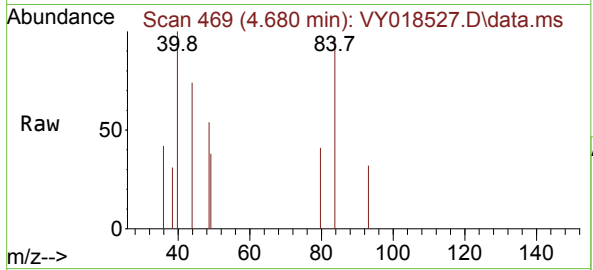
Tgt Ion: 43 Resp: 76
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



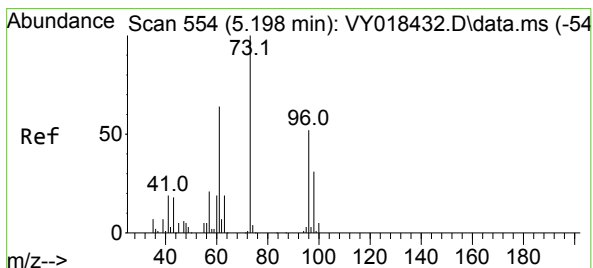
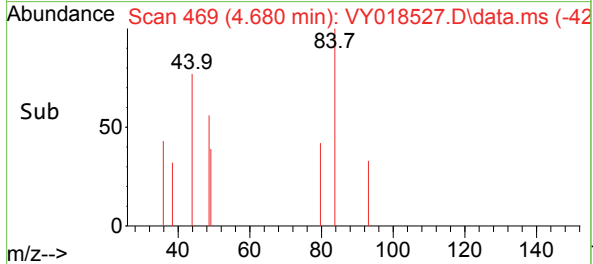
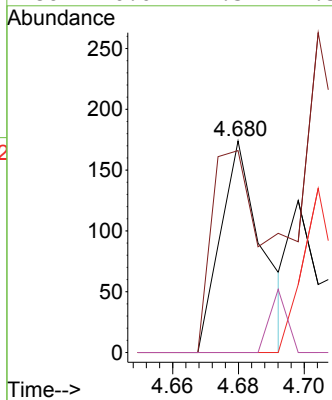


#20
Methylene Chloride
Concen: 4.773 ug/l
RT: 4.680 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

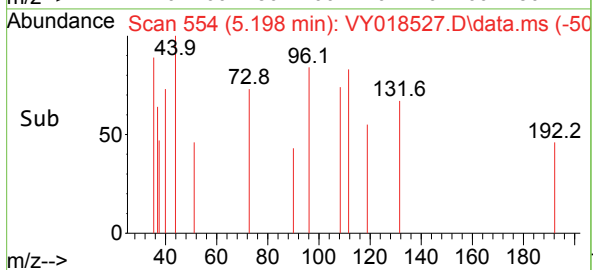
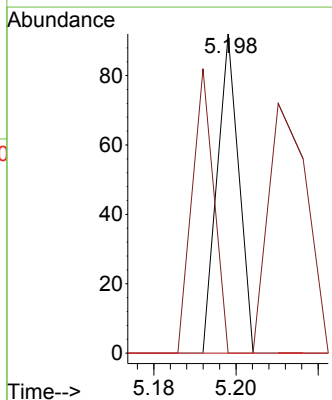
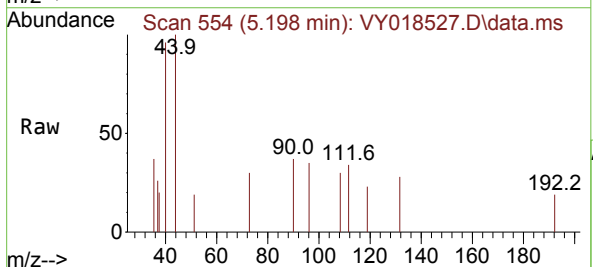


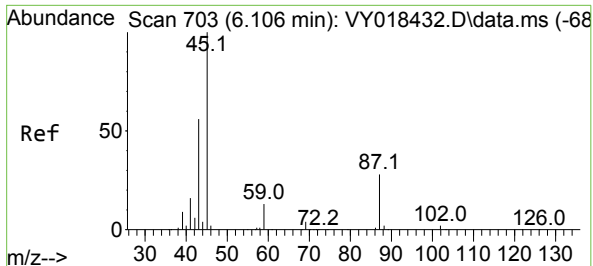
Tgt Ion: 84	Resp: 153
Ion Ratio	Lower Upper
84 100	
49 95.4	84.4 126.6
51 0.0	26.0 39.0#
86 0.0	49.5 74.3#



#21
trans-1,2-Dichloroethene
Concen: 1.845 ug/l
RT: 5.198 min Scan# 554
Delta R.T. 0.000 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 96	Resp: 34
Ion Ratio	Lower Upper
96 100	
61 0.0	97.5 146.3#
98 0.0	50.5 75.7#





#22

Diisopropyl ether

Concen: 2.544 ug/l

RT: 6.094 min Scan# 701

Delta R.T. -0.012 min

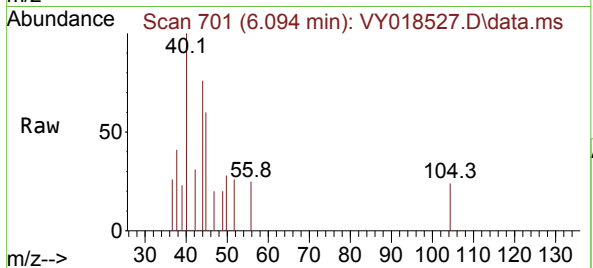
Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 45 Resp: 131

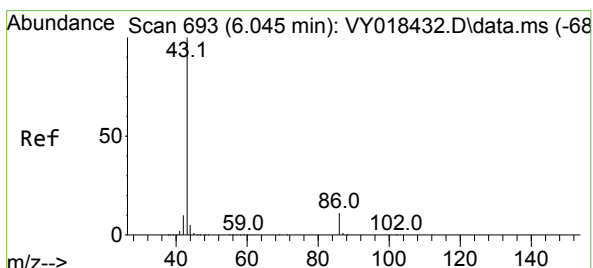
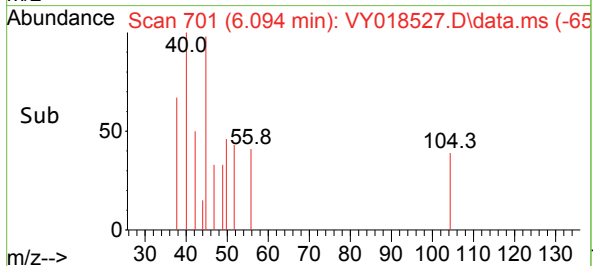
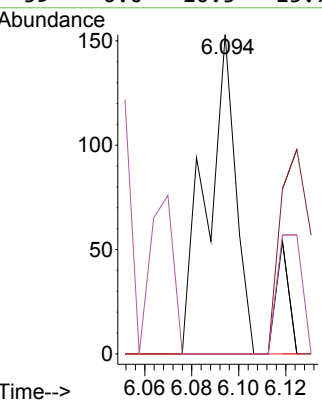
Ion Ratio Lower Upper

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: 1.044 ug/l

RT: 5.984 min Scan# 683

Delta R.T. -0.061 min

Lab File: VY018527.D

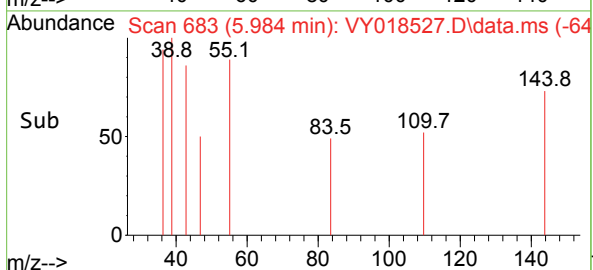
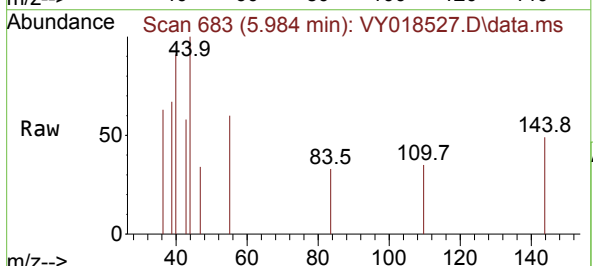
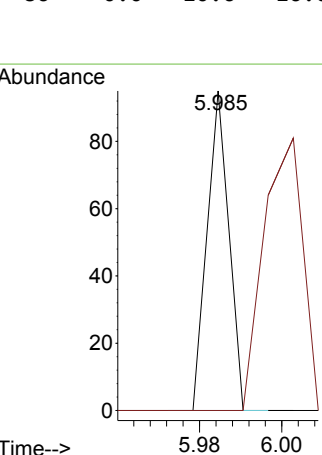
Acq: 07 Jun 2024 15:14

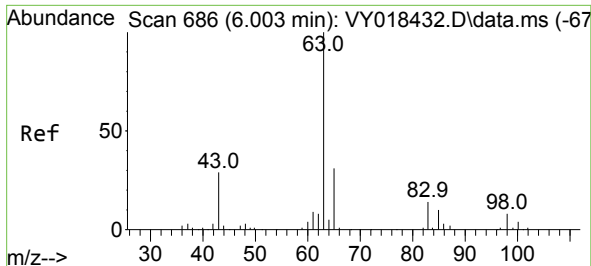
Tgt Ion: 43 Resp: 35

Ion Ratio Lower Upper

43 100

86 0.0 10.6 16.0#

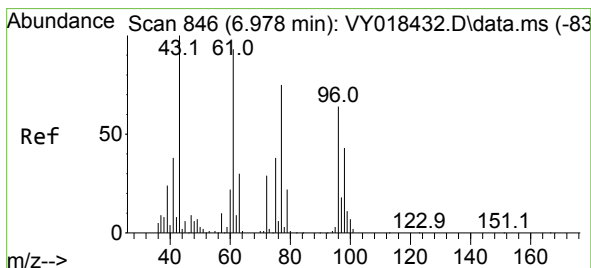
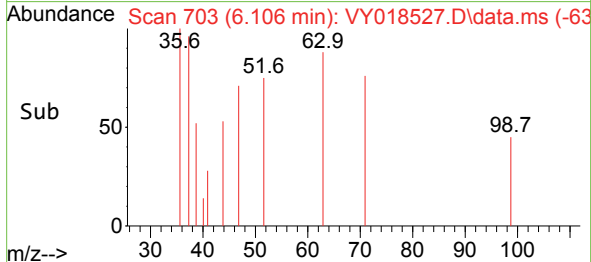
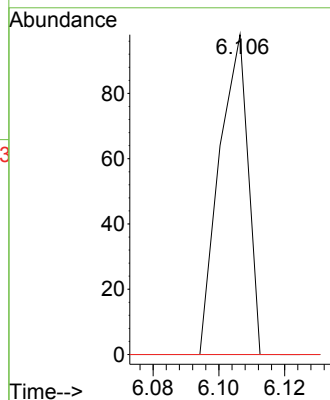
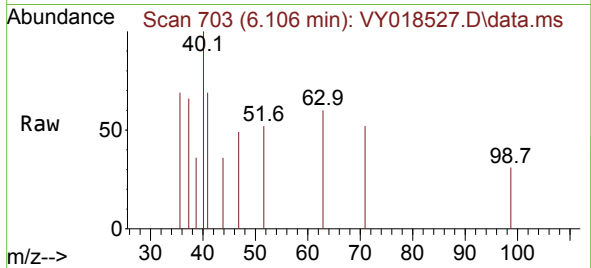




#24
1,1-Dichloroethane
Concen: 1.837 ug/l
RT: 6.106 min Scan# 70
Delta R.T. 0.104 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

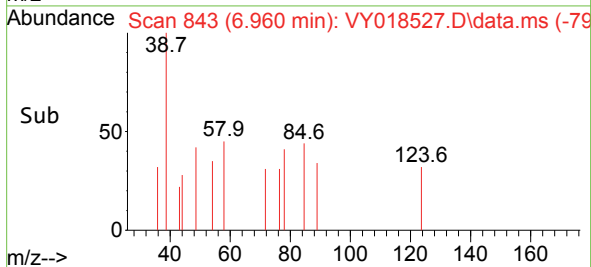
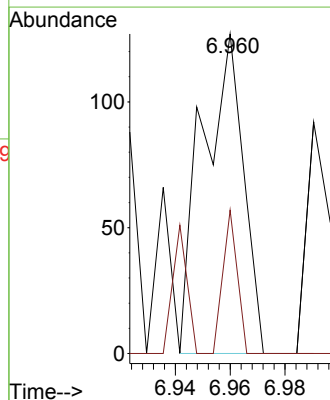
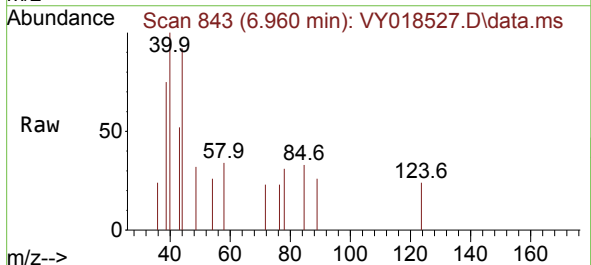
Instrument :
MSVOA_Y
ClientSampleId :

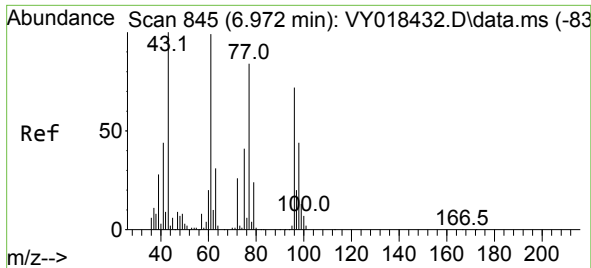
Tgt Ion: 63 Resp: 59
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 24.020 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

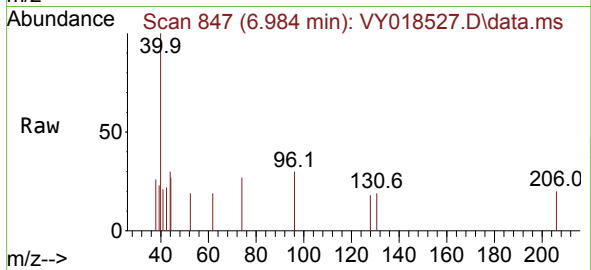
Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
72 44.9 27.3 40.9#



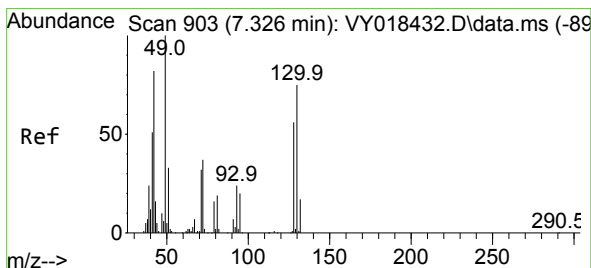
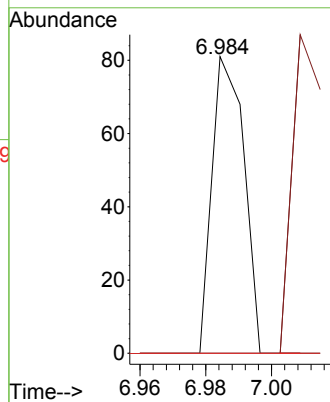
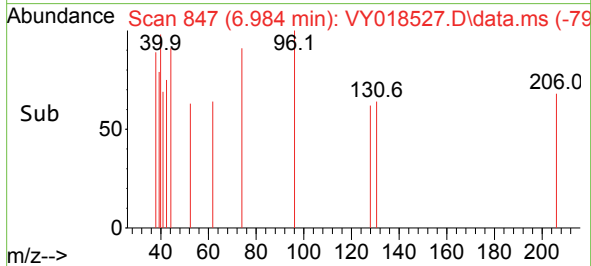


#27
cis-1,2-Dichloroethene
Concen: 2.566 ug/l
RT: 6.984 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

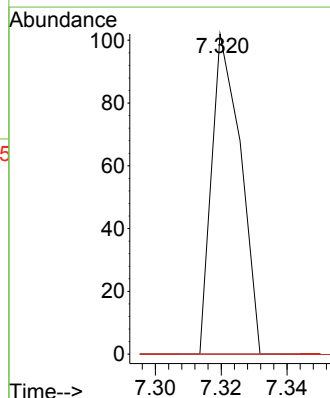
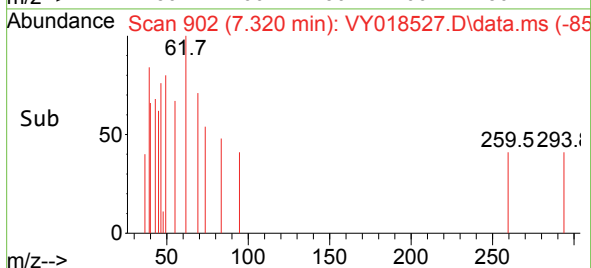
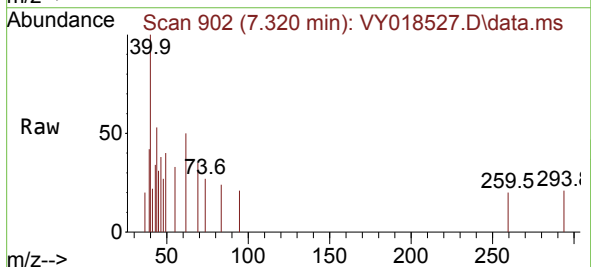


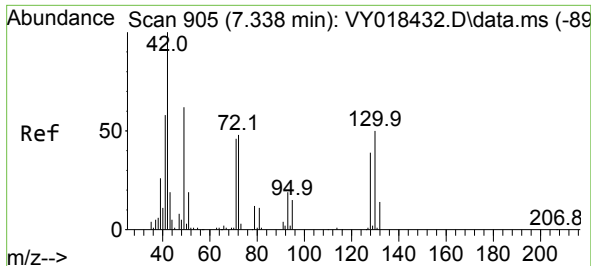
Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 0.0 0.0 256.2
98 0.0 0.0 130.0



#28
Bromochloromethane
Concen: 4.195 ug/l
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 49 Resp: 62
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#





#29

Tetrahydrofuran

Concen: 38.667 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

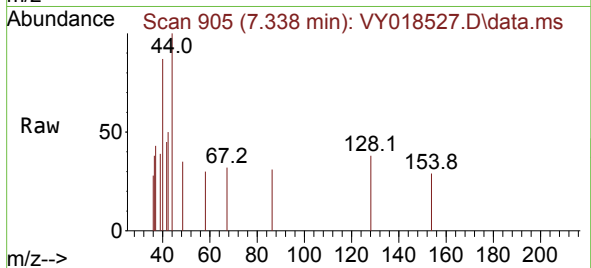
Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

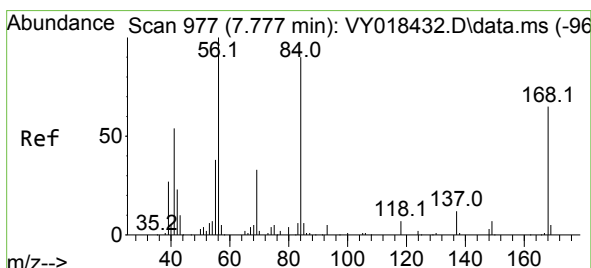
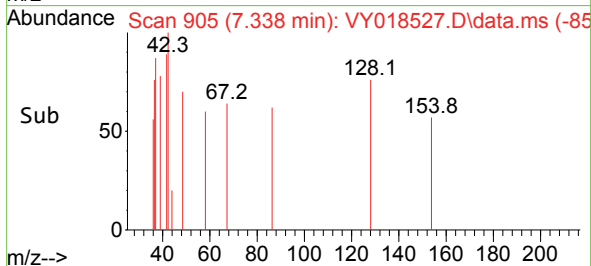
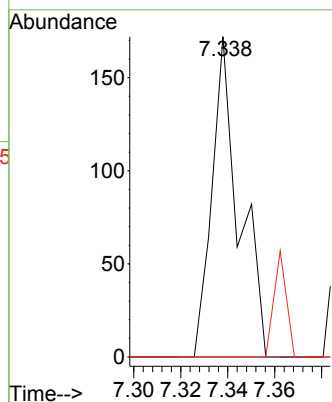
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	138
Ion Ratio	Lower	Upper	
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



#31

Cyclohexane

Concen: 3.849 ug/l

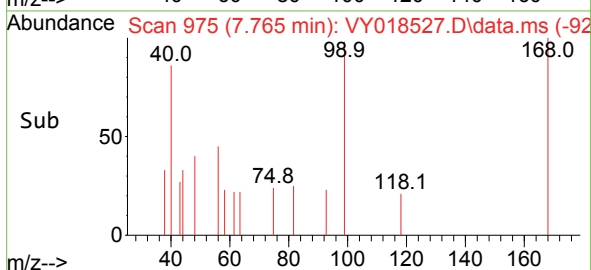
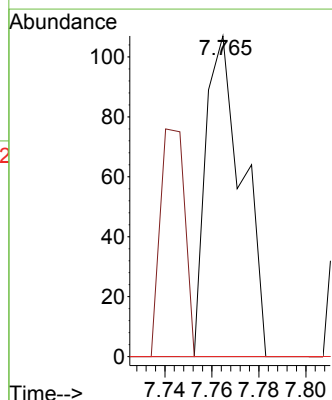
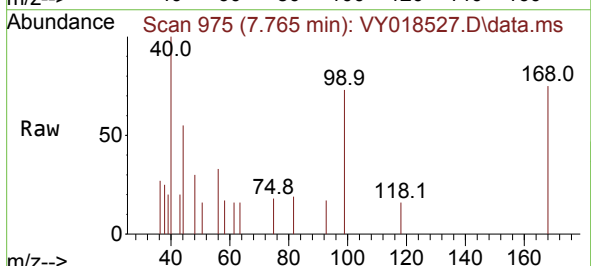
RT: 7.765 min Scan# 975

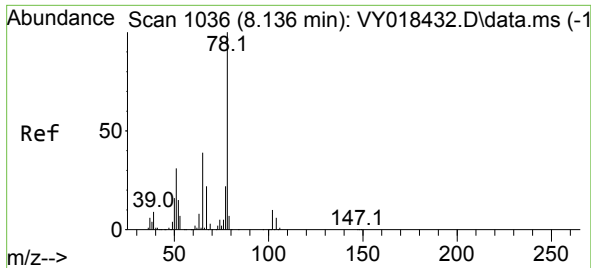
Delta R.T. -0.012 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Tgt Ion:	56	Resp:	116
Ion Ratio	Lower	Upper	
56	100		
69	0.0	28.7	43.1#
84	0.0	77.7	116.5#

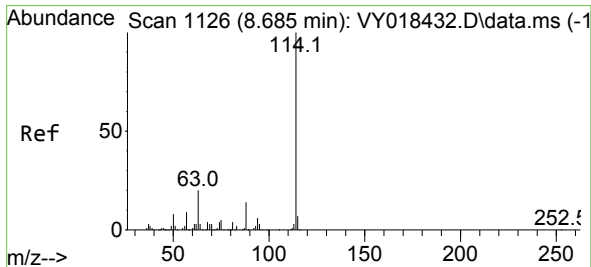
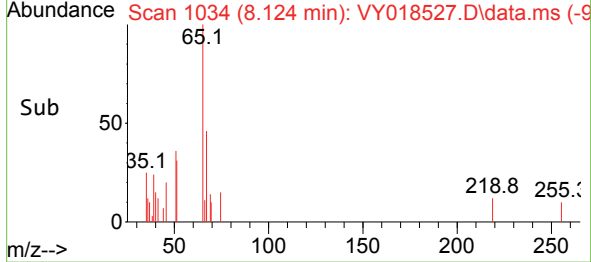
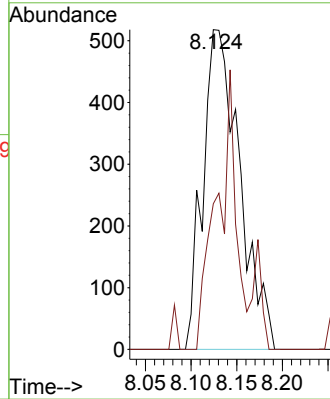
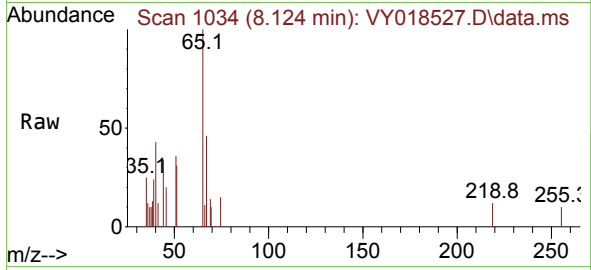




#33
1,2-Dichloroethane-d4
Concen: 89.900 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

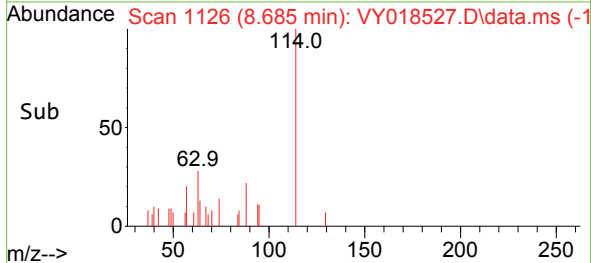
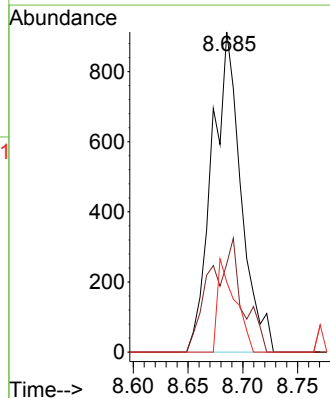
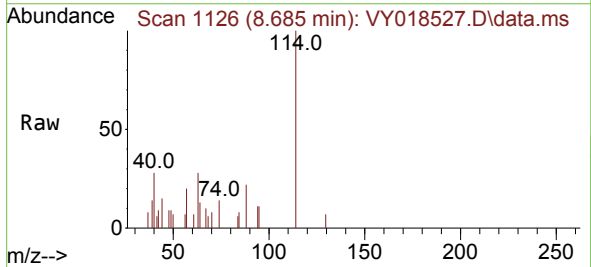
Instrument :
MSVOA_Y
ClientSampleId :

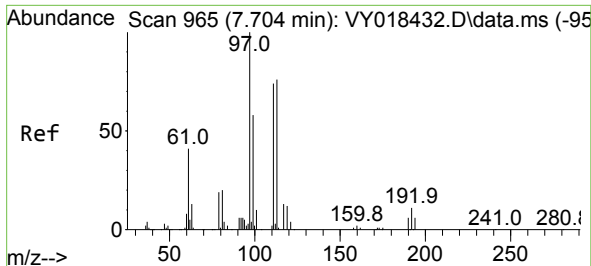
Tgt Ion: 65 Resp: 1453
Ion Ratio Lower Upper
65 100
67 45.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion:114 Resp: 1690
Ion Ratio Lower Upper
114 100
63 27.6 0.0 35.0
88 21.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 45.216 ug/l

RT: 7.698 min Scan# 91

Delta R.T. -0.006 min

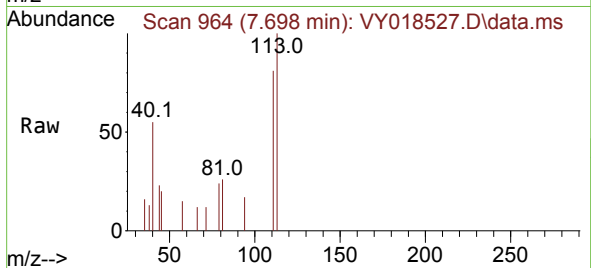
Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :



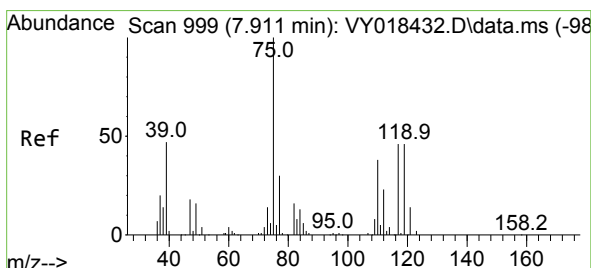
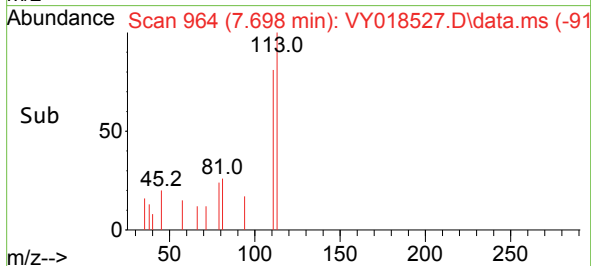
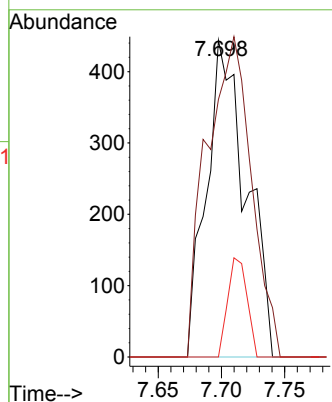
Tgt Ion:113 Resp: 969

Ion Ratio Lower Upper

113 100

111 113.9 82.2 123.4

192 15.2 15.9 23.9#



#36

1,1-Dichloropropene

Concen: 2.234 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

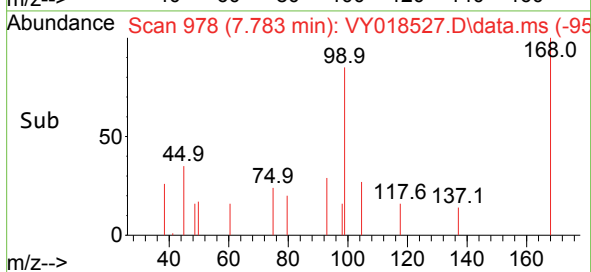
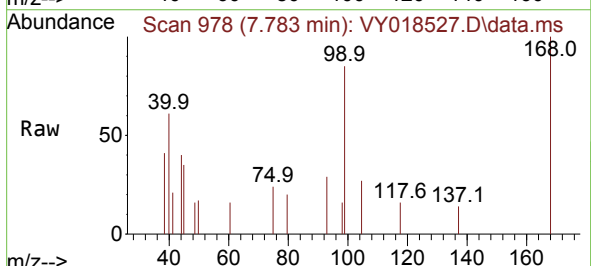
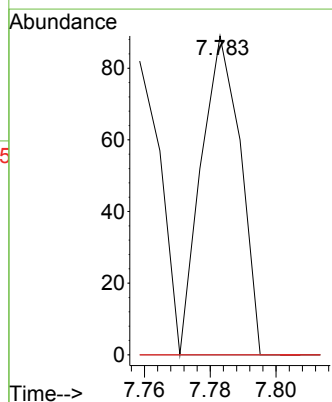
Tgt Ion: 75 Resp: 73

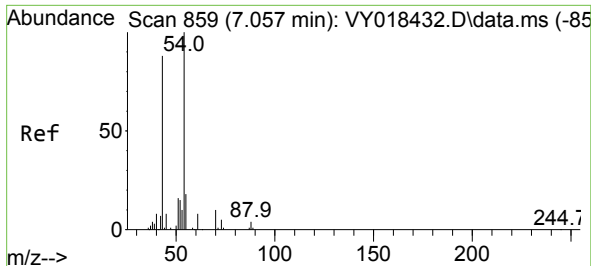
Ion Ratio Lower Upper

75 100

110 0.0 19.0 57.0#

77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.982 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY018527.D

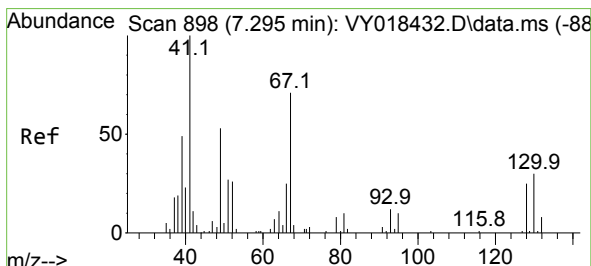
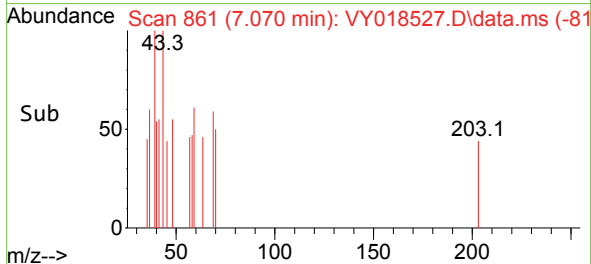
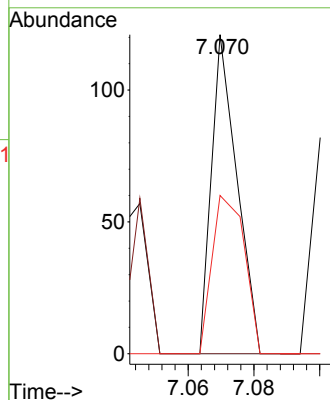
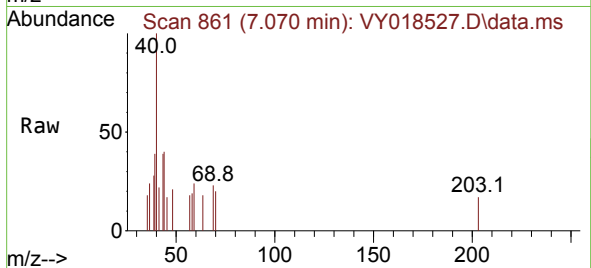
Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	65
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	63.1	7.8	11.8#



#41

Methacrylonitrile

Concen: 11.587 ug/l

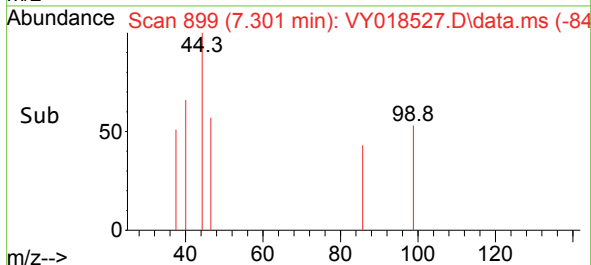
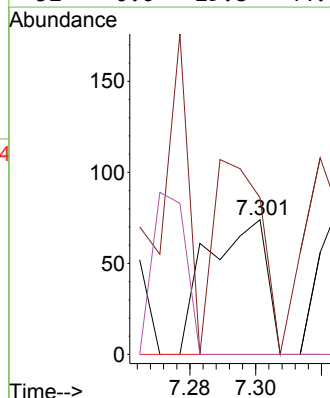
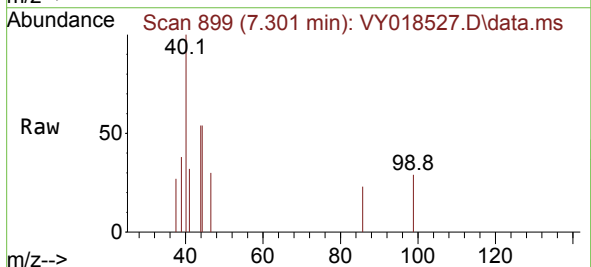
RT: 7.301 min Scan# 899

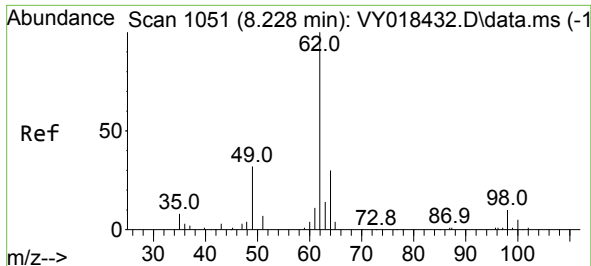
Delta R.T. 0.006 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Tgt Ion:	41	Resp:	92
Ion	Ratio	Lower	Upper
41	100		
39	117.4	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#





#42

1,2-Dichloroethane

Concen: 1.302 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. 0.006 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

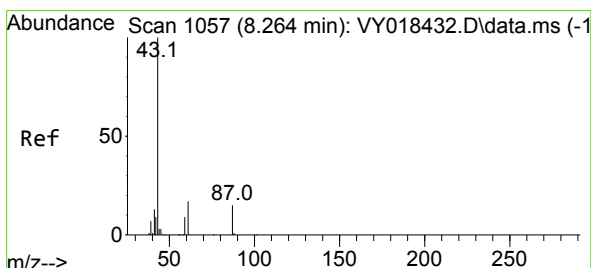
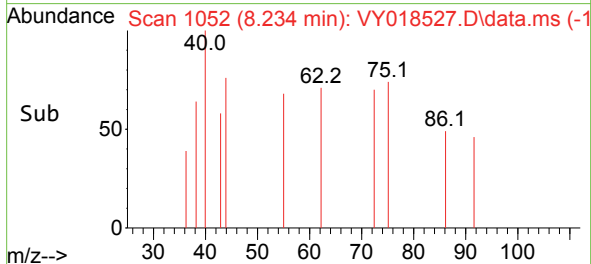
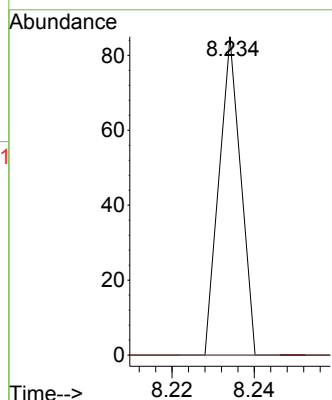
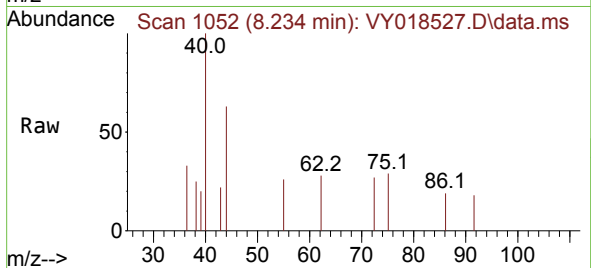
ClientSampleId :

Tgt Ion: 62 Resp: 31

Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



#43

Isopropyl Acetate

Concen: 2.523 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

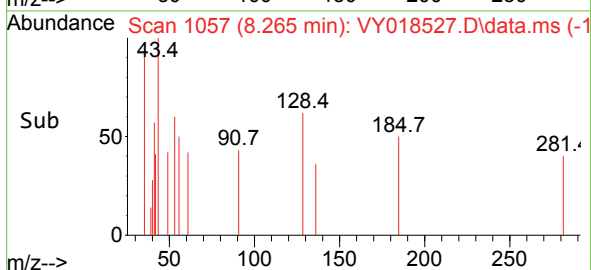
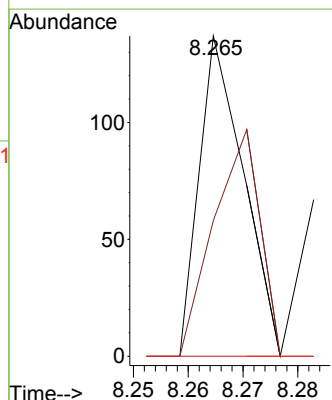
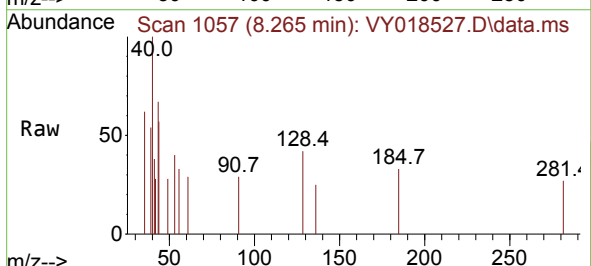
Tgt Ion: 43 Resp: 77

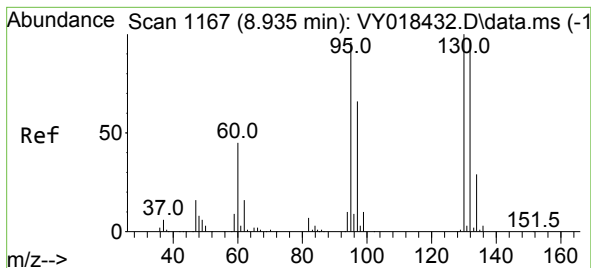
Ion Ratio Lower Upper

43 100

61 74.0 27.9 41.9#

87 0.0 13.1 19.7#





#44

Trichloroethene

Concen: 1.113 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.025 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

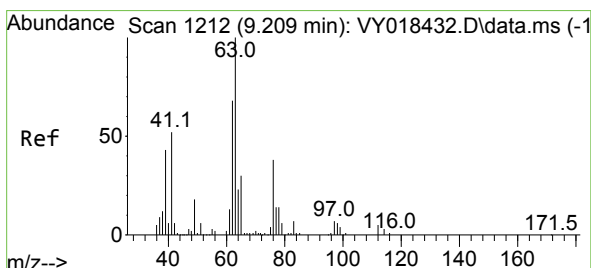
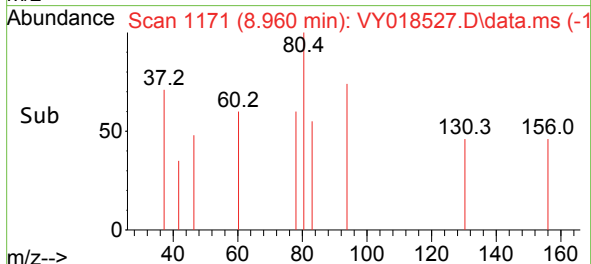
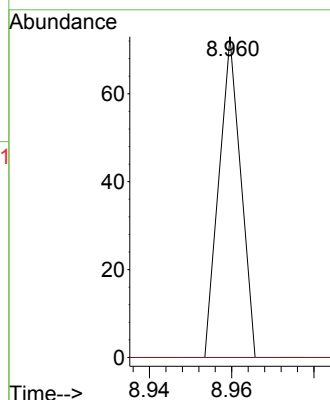
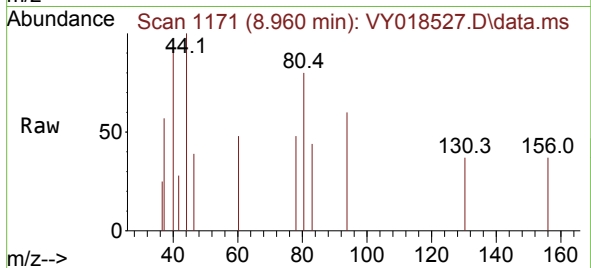
ClientSampleId :

Tgt Ion:130 Resp: 27

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.0



#45

1,2-Dichloropropane

Concen: 3.216 ug/l

RT: 9.270 min Scan# 1222

Delta R.T. 0.061 min

Lab File: VY018527.D

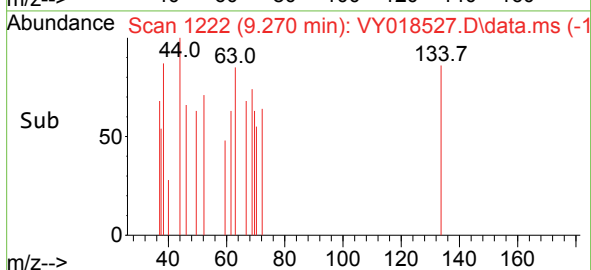
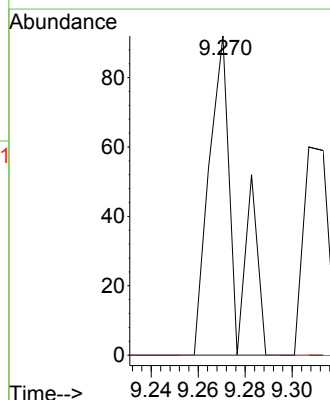
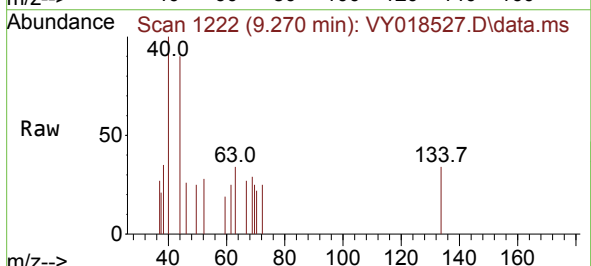
Acq: 07 Jun 2024 15:14

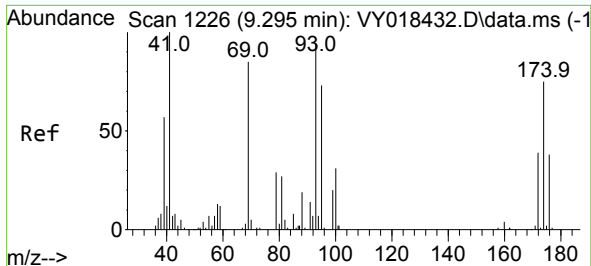
Tgt Ion: 63 Resp: 72

Ion Ratio Lower Upper

63 100

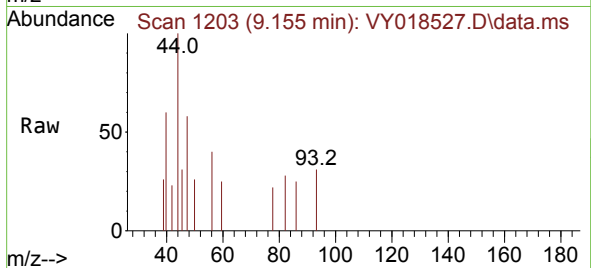
65 0.0 25.4 38.2#



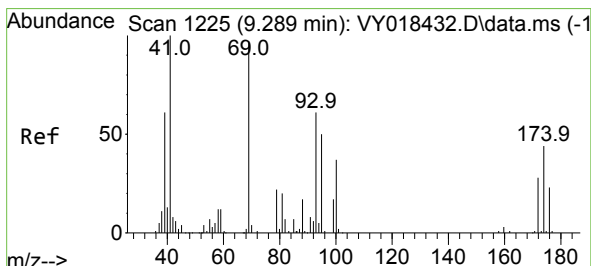
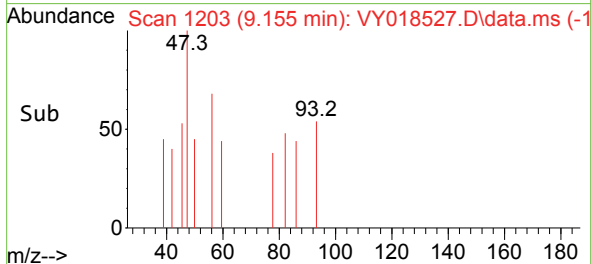
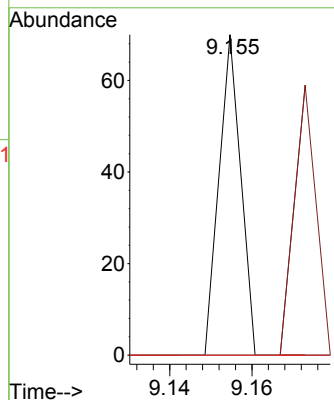


#46
Dibromomethane
Concen: 2.025 ug/l
RT: 9.155 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

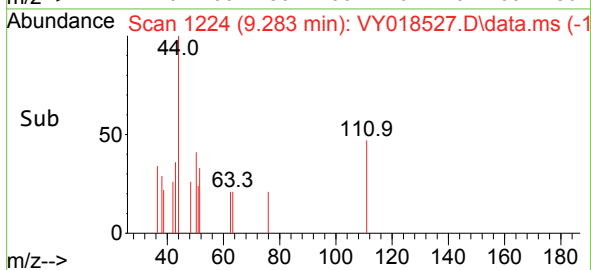
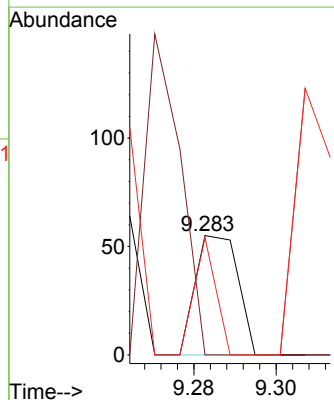
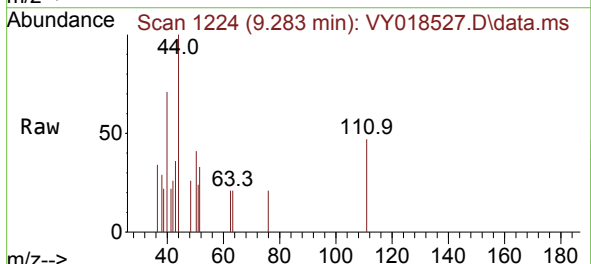


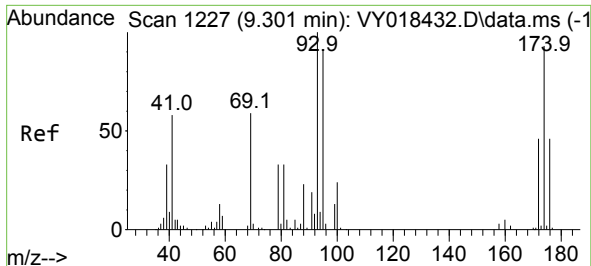
Tgt Ion: 93 Resp: 26
Ion Ratio Lower Upper
93 100
95 84.6 66.2 99.4
174 0.0 80.9 121.3#



#48
Methyl methacrylate
Concen: 2.848 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 41 Resp: 40
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 50.0 43.6 65.4





#49

1,4-Dioxane

Concen: 130.501 ug/l

RT: 9.264 min Scan# 1221

Delta R.T. -0.036 min

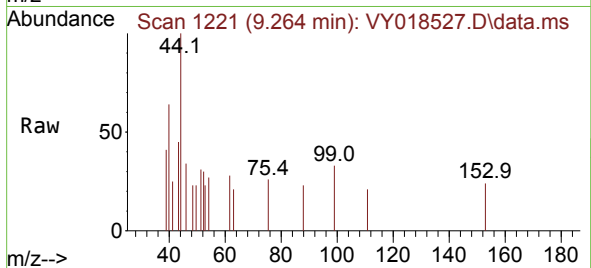
Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :



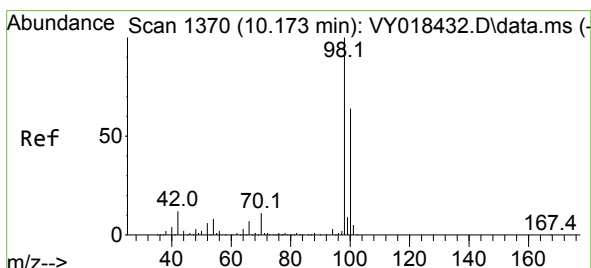
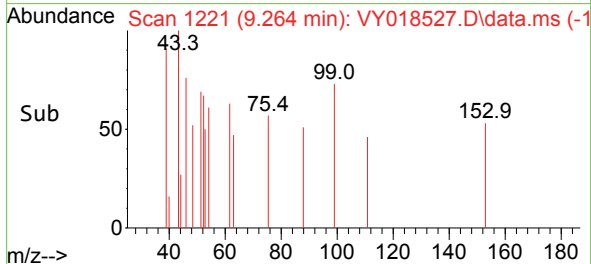
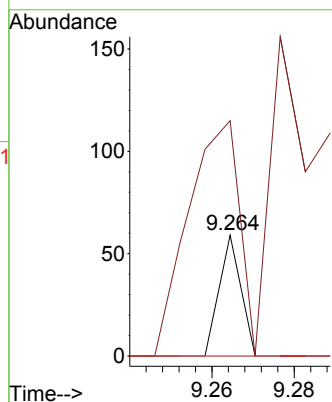
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 450.0 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 32.197 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018527.D

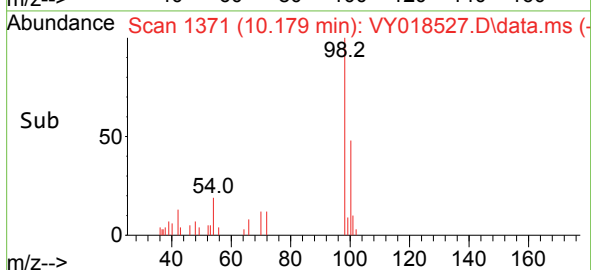
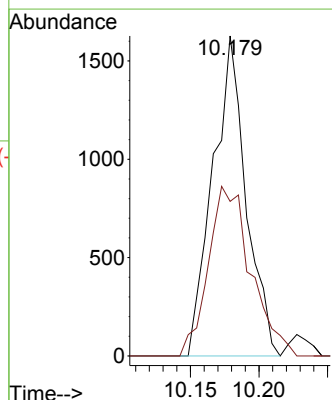
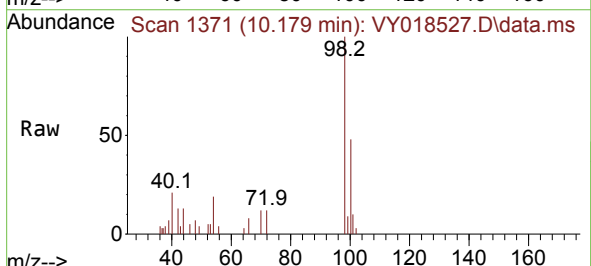
Acq: 07 Jun 2024 15:14

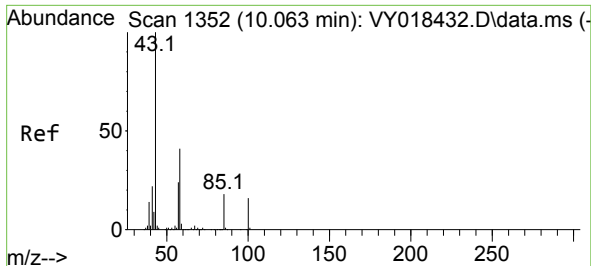
Tgt Ion: 98 Resp: 2745

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0

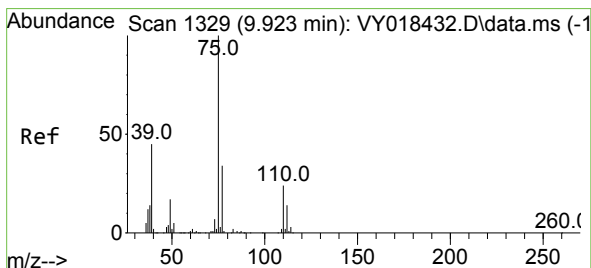
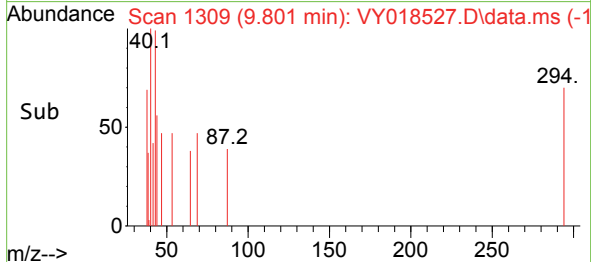
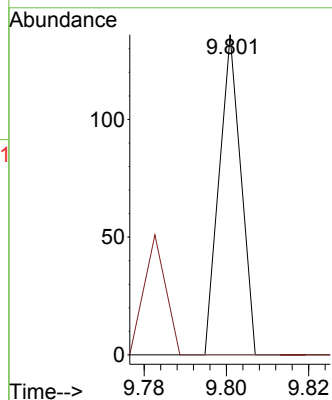
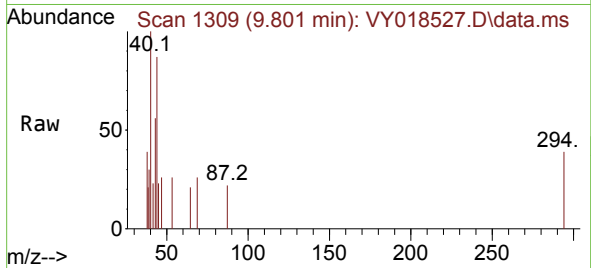




#51
4-Methyl-2-Pentanone
Concen: 3.155 ug/l
RT: 9.801 min Scan# 11
Delta R.T. -0.262 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

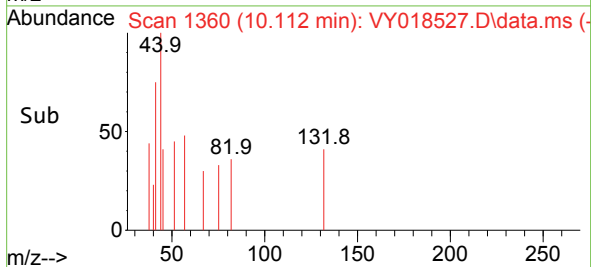
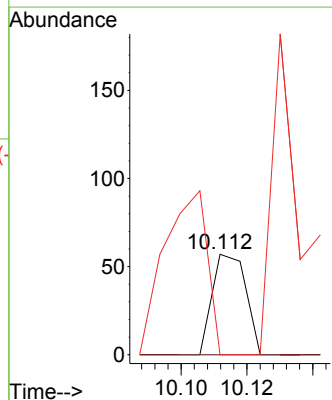
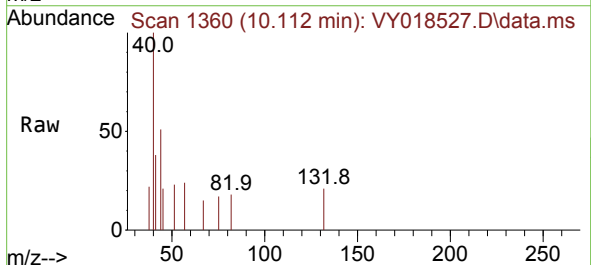
Instrument :
MSVOA_Y
ClientSampleId :

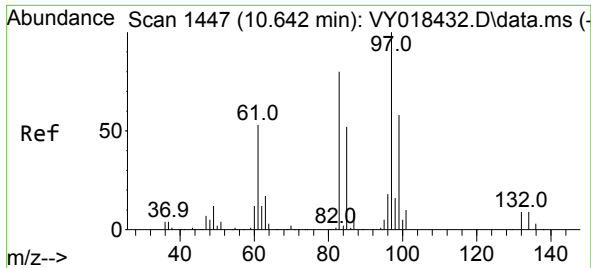
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 38.0 35.7 53.5



#54
cis-1,3-Dichloropropene
Concen: 1.148 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.189 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

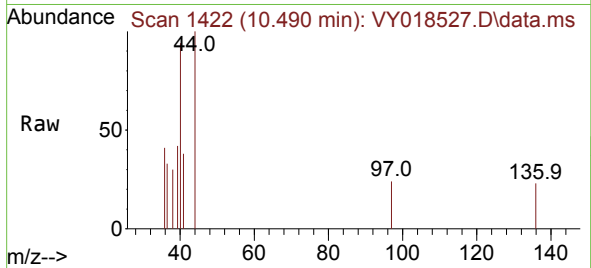
Tgt Ion: 75 Resp: 40
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 29.8 44.6#



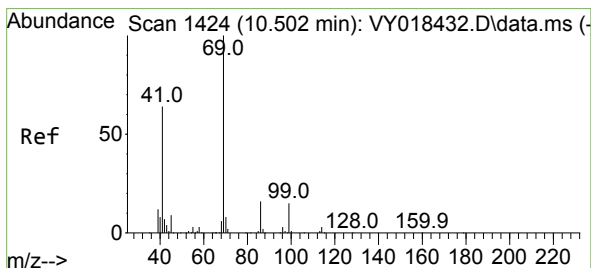
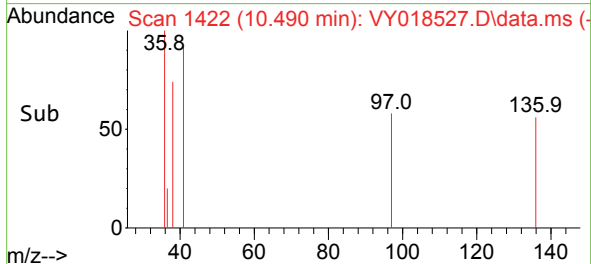
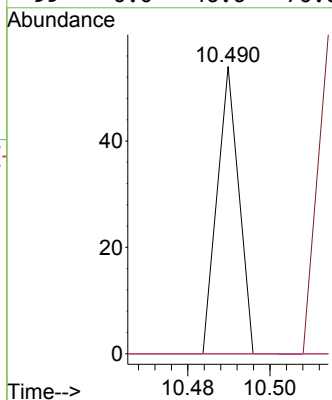


#55
1,1,2-Trichloroethane
Concen: 1.197 ug/l
RT: 10.490 min Scan# 1447
Delta R.T. -0.152 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

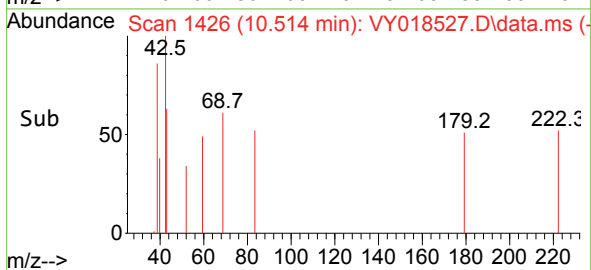
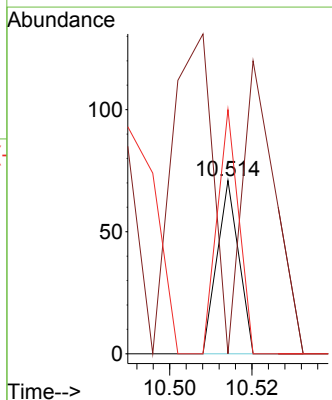
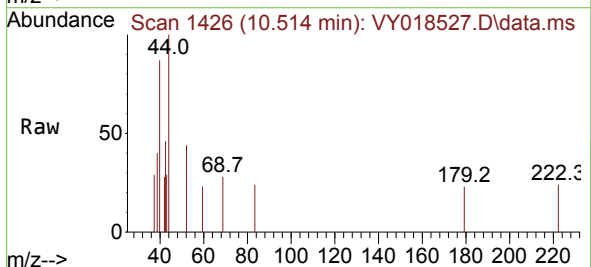


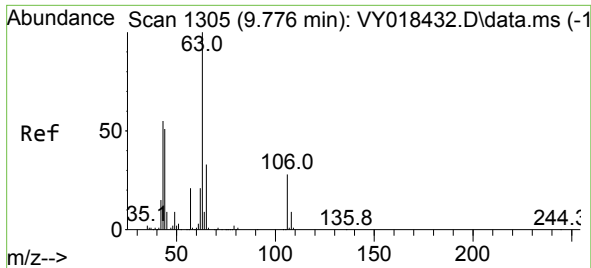
Tgt Ion: 97	Resp: 20
Ion Ratio	Lower Upper
97	100
83	0.0 67.5 101.3#
85	0.0 42.9 64.3#
99	0.0 46.6 70.0#



#56
Ethyl methacrylate
Concen: 1.106 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 69	Resp: 26
Ion Ratio	Lower Upper
69	100
41	342.3 42.3 63.5#
39	142.3 22.9 34.3#

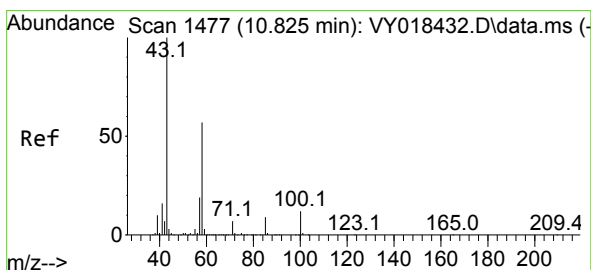
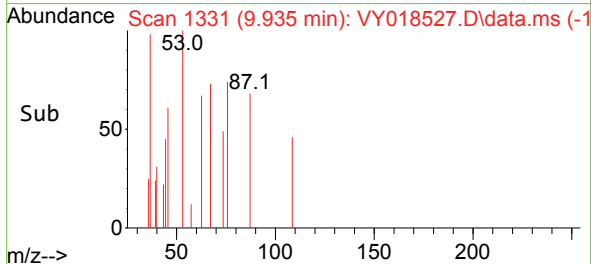
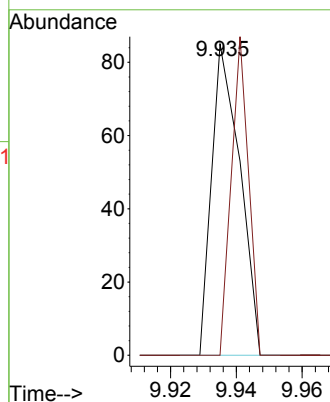
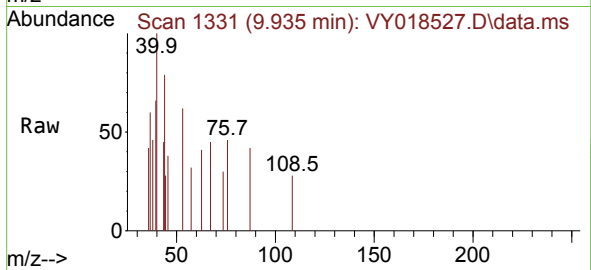




#58
2-Chloroethyl Vinyl ether
Concen: 3.962 ug/l
RT: 9.935 min Scan# 11
Delta R.T. 0.159 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

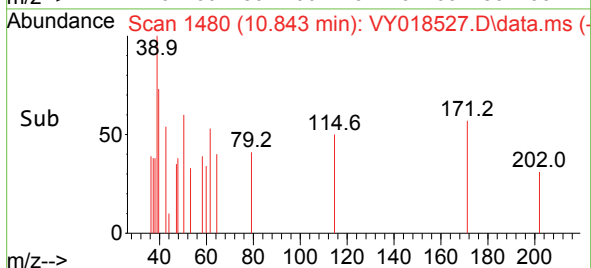
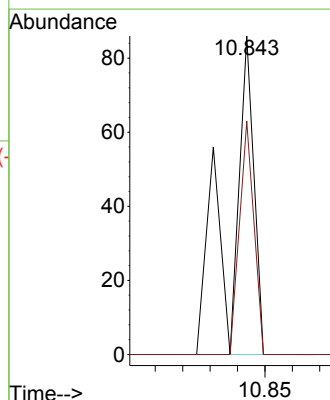
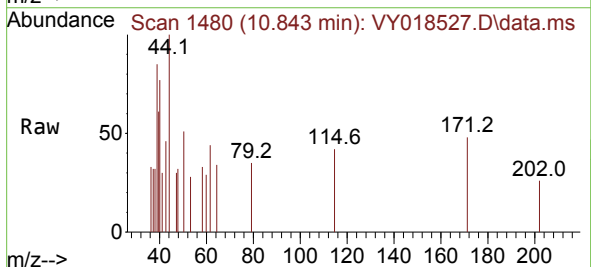
Instrument :
MSVOA_Y
ClientSampleId :

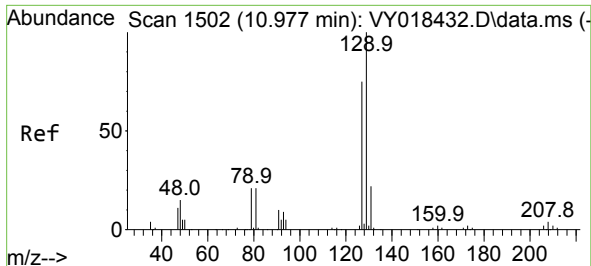
Tgt Ion: 63 Resp: 50
Ion Ratio Lower Upper
63 100
106 64.0 23.7 35.5#



#59
2-Hexanone
Concen: 4.748 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.018 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
58 44.2 31.4 94.0

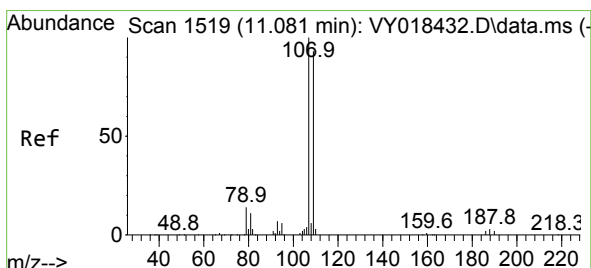
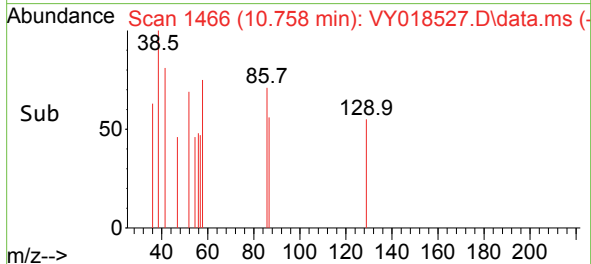
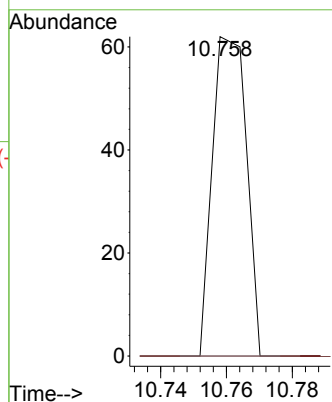
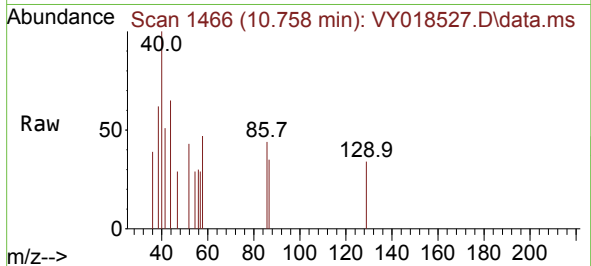




#60
Dibromochloromethane
Concen: 2.205 ug/l
RT: 10.758 min Scan# 1466
Delta R.T. -0.219 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

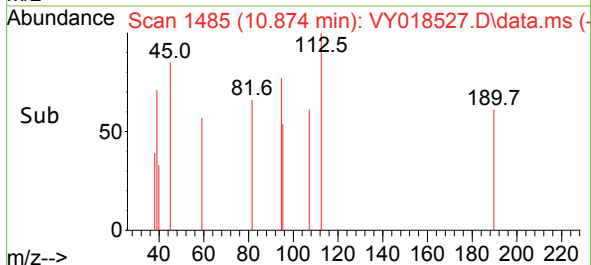
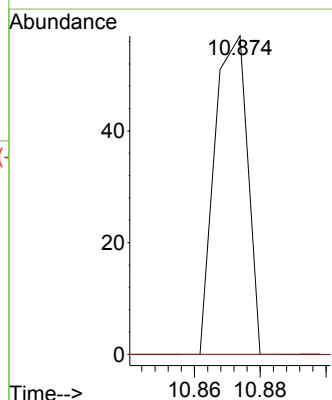
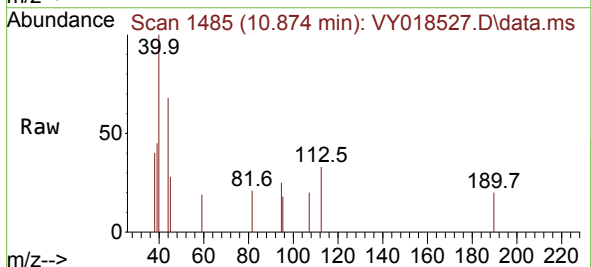
Instrument :
MSVOA_Y
ClientSampleId :

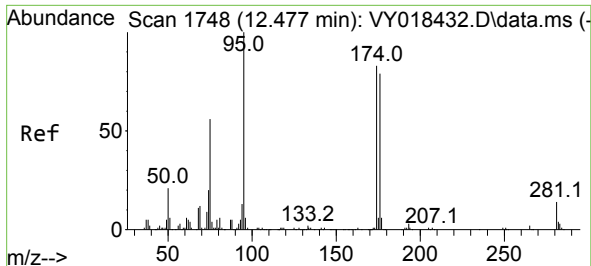
Tgt Ion:129 Resp: 45
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 2.543 ug/l
RT: 10.874 min Scan# 1485
Delta R.T. -0.207 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

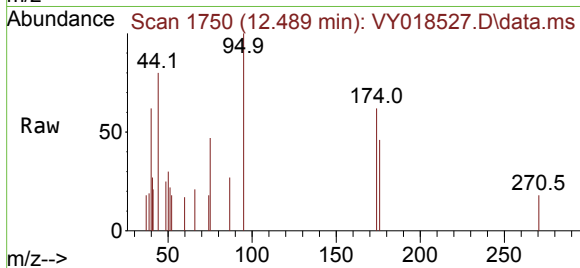
Tgt Ion:107 Resp: 40
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#



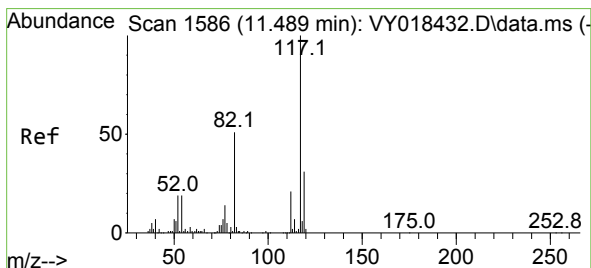
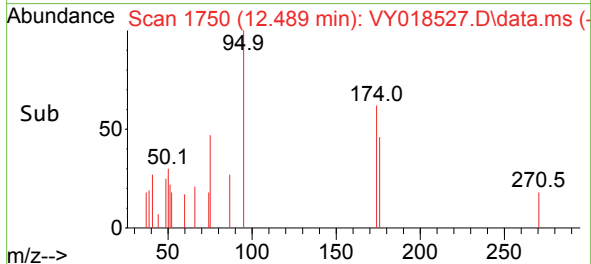
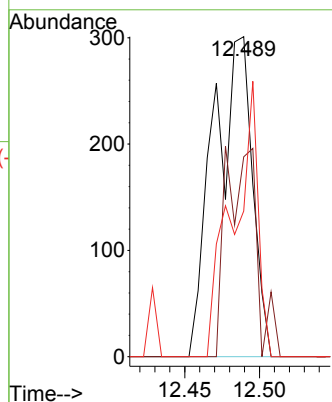


#62
4-Bromofluorobenzene
Concen: 20.305 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

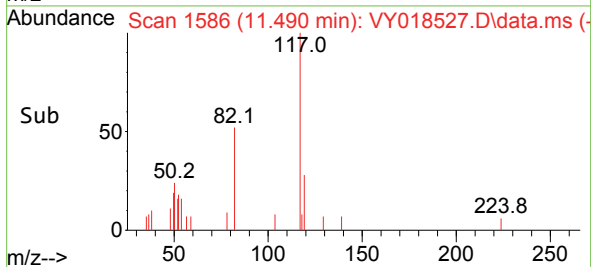
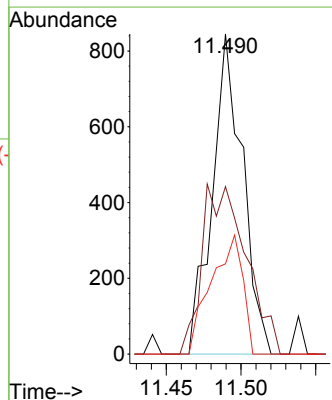
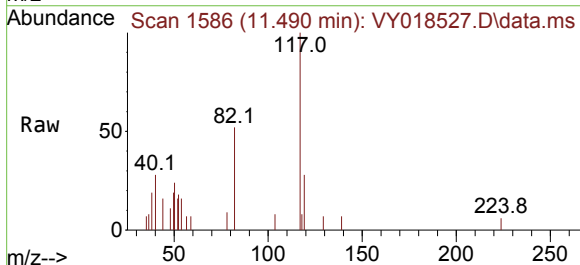


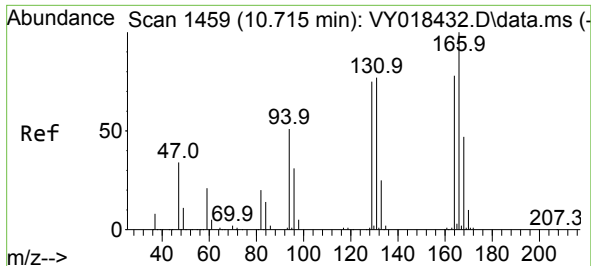
Tgt Ion: 95 Resp: 539
Ion Ratio Lower Upper
95 100
174 52.1 0.0 175.6
176 55.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

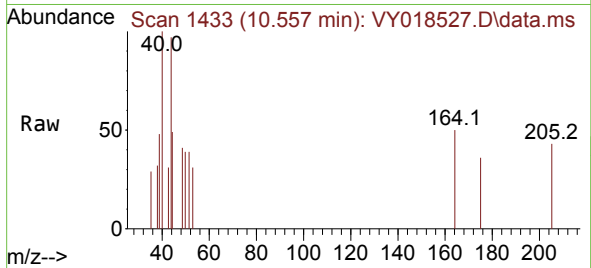
Tgt Ion: 117 Resp: 1190
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 28.2 25.9 38.9



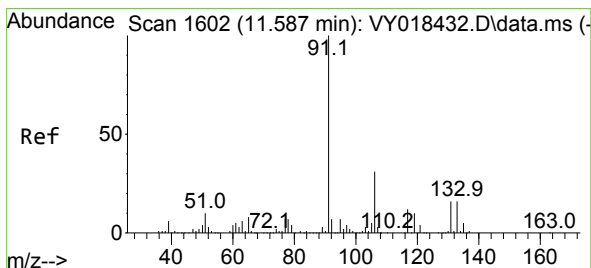
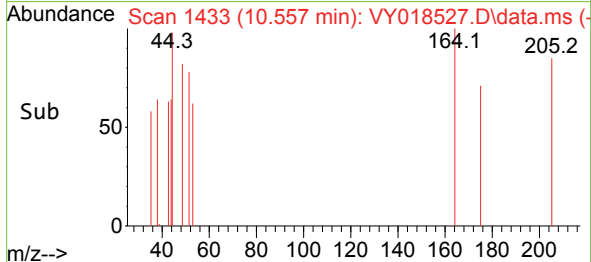
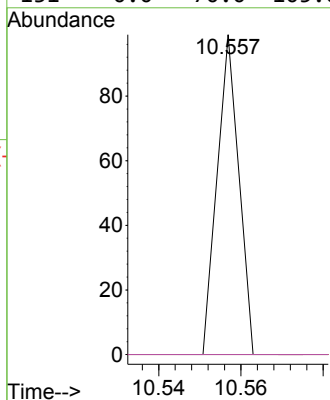


#64
Tetrachloroethene
Concen: 2.054 ug/l
RT: 10.557 min Scan# 1459
Delta R.T. -0.158 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

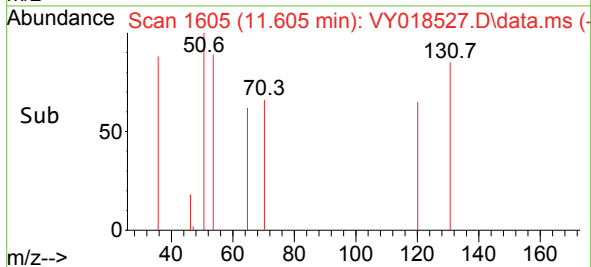
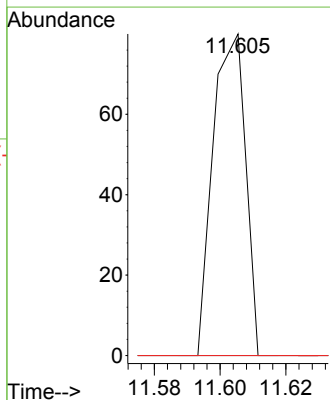
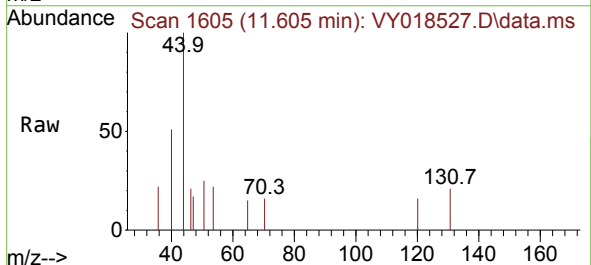


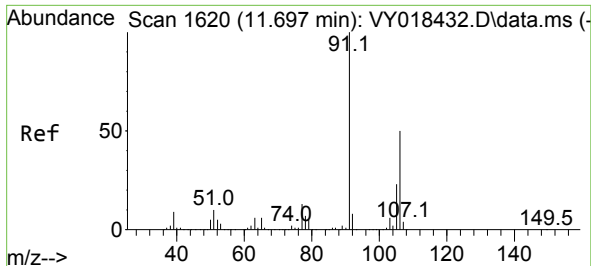
Tgt Ion:164 Resp: 36
Ion Ratio Lower Upper
164 100
166 0.0 102.6 154.0#
129 0.0 72.0 108.0#
131 0.0 70.0 105.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 3.333 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.018 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion:131 Resp: 55
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 0.0 34.1 102.2#

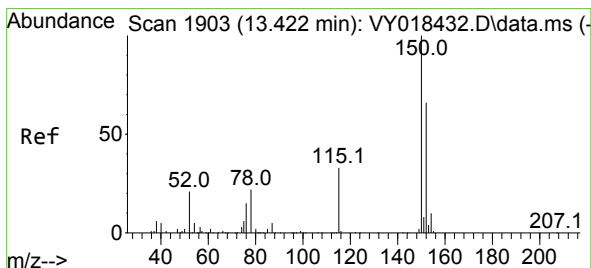
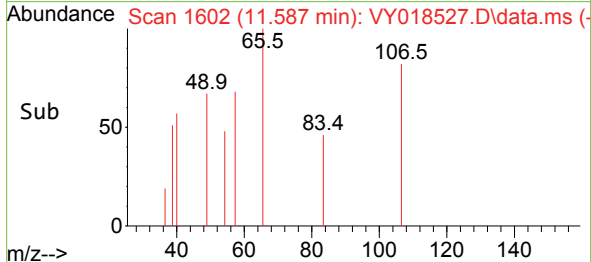
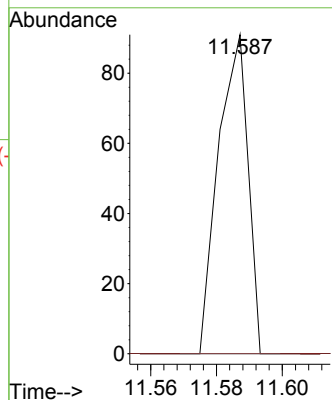
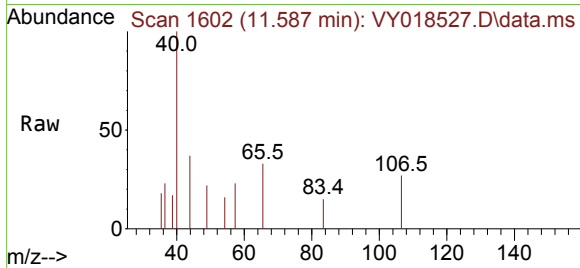




#68
m/p-Xylenes
Concen: 1.630 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.110 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

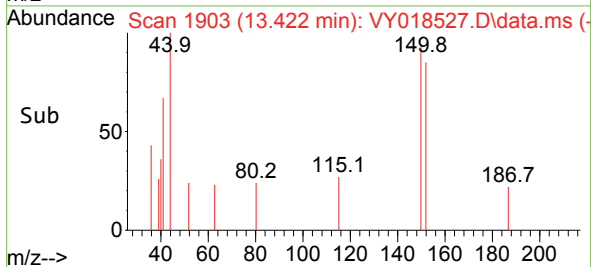
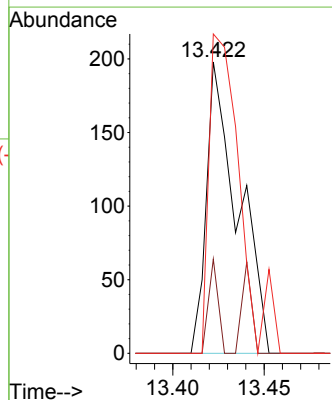
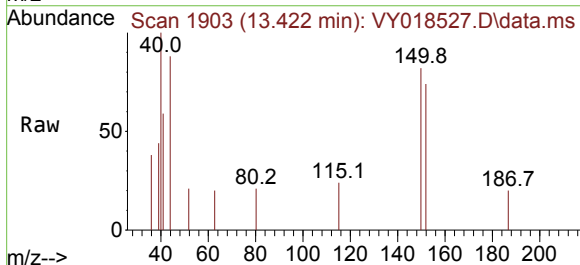
Instrument :
MSVOA_Y
ClientSampleId :

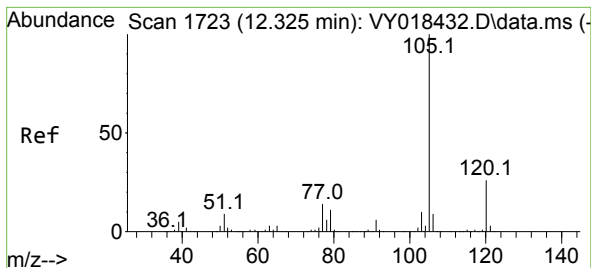
Tgt Ion:106 Resp: 57
Ion Ratio Lower Upper
106 100
91 0.0 156.0 234.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion:152 Resp: 237
Ion Ratio Lower Upper
152 100
115 9.7 28.2 84.7#
150 107.6 0.0 345.6





#73

Isopropylbenzene

Concen: 1.513 ug/l

RT: 12.361 min Scan# 1

Delta R.T. 0.037 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

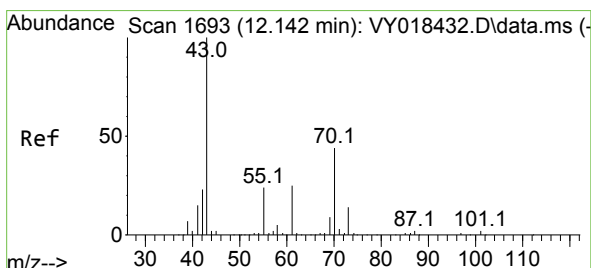
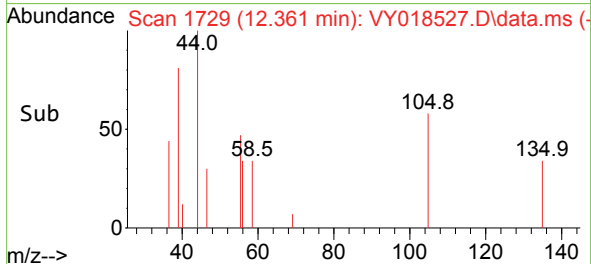
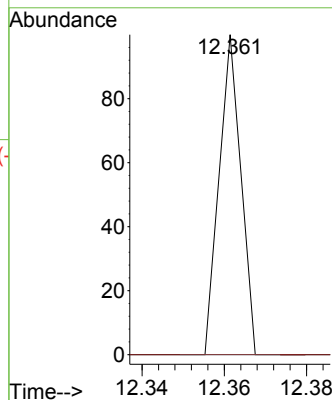
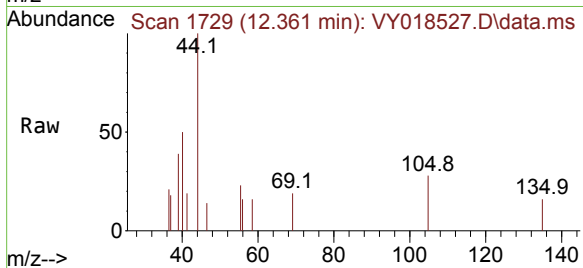
ClientSampleId :

Tgt Ion:105 Resp: 37

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.1#



#74

N-ethyl acetate

Concen: 4.703 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Tgt Ion: 43 Resp: 28

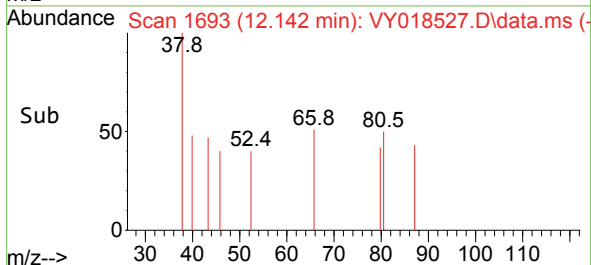
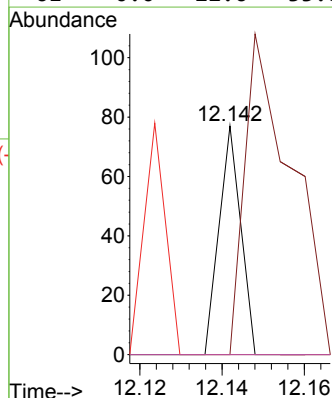
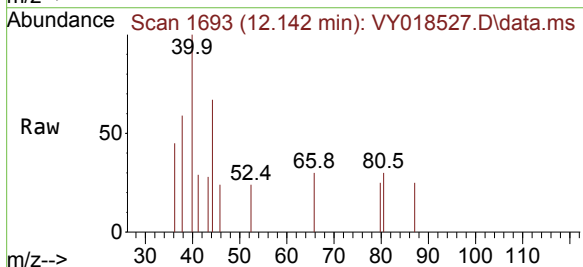
Ion Ratio Lower Upper

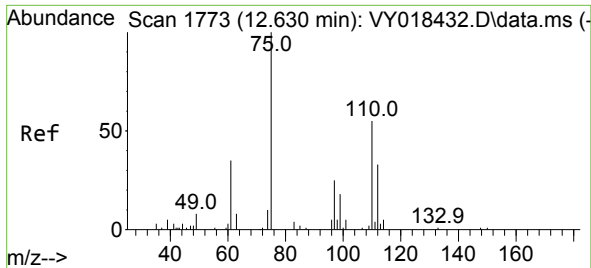
43 100

70 303.6 41.4 62.2#

55 0.0 23.3 34.9#

61 0.0 22.6 33.8#

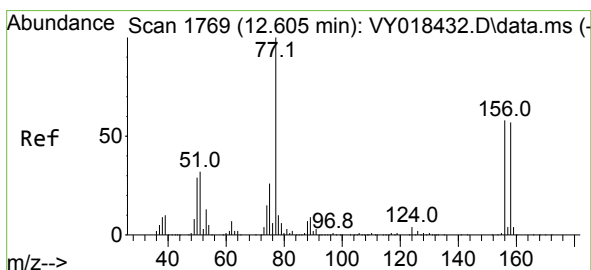
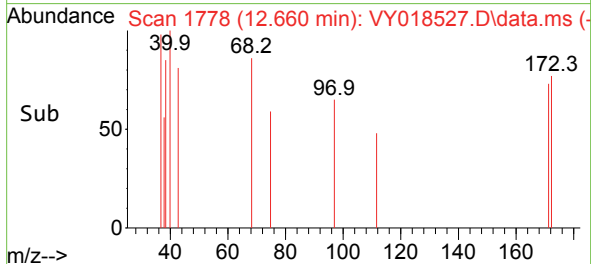
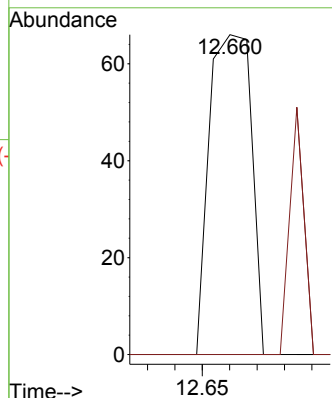
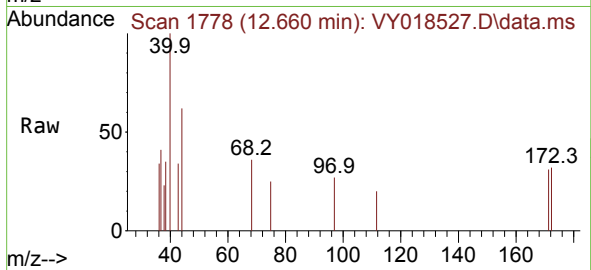




#76
1,2,3-Trichloropropane
Concen: 23.819 ug/l
RT: 12.660 min Scan# 11
Delta R.T. 0.031 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

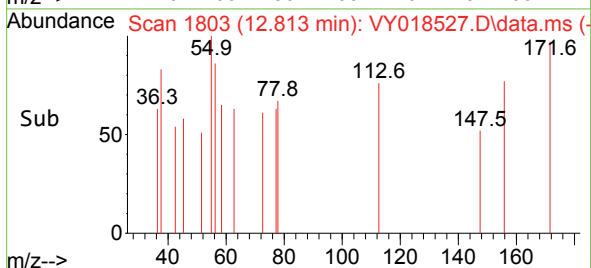
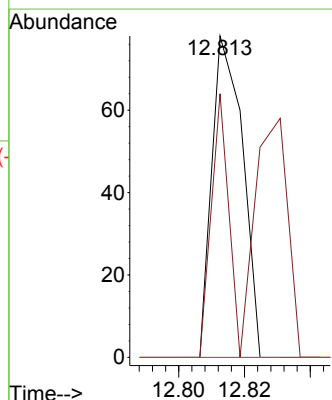
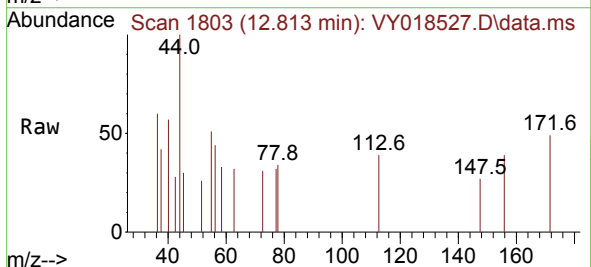
Instrument :
MSVOA_Y
ClientSampleId :

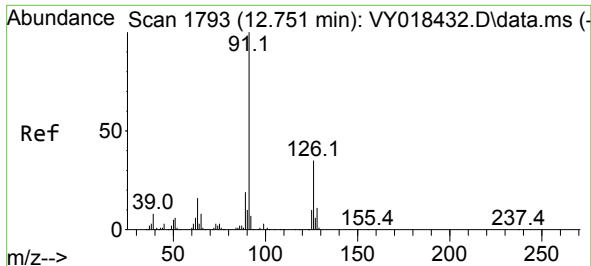
Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 9.629 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.207 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

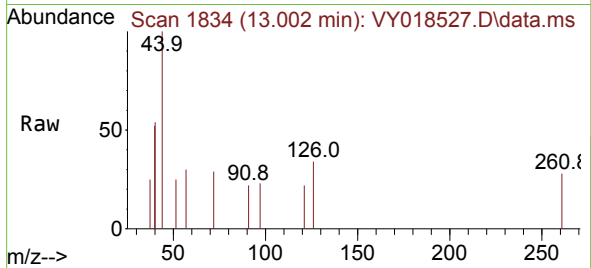
Tgt Ion: 156 Resp: 50
Ion Ratio Lower Upper
156 100
77 46.0 87.1 261.3#
158 0.0 48.6 145.9#



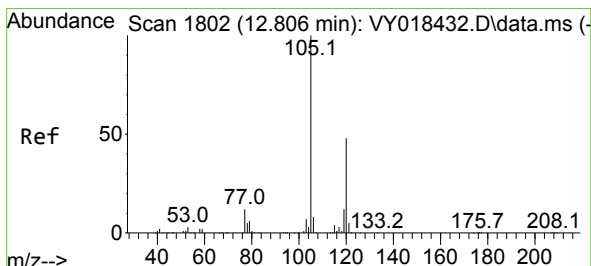
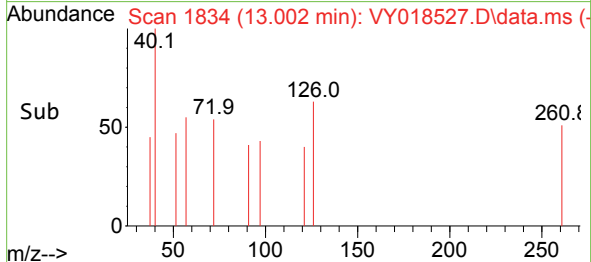
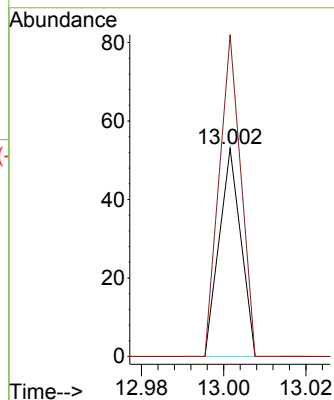


#79
2-Chlorotoluene
Concen: 1.191 ug/l
RT: 13.002 min Scan# 1834
Delta R.T. 0.250 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

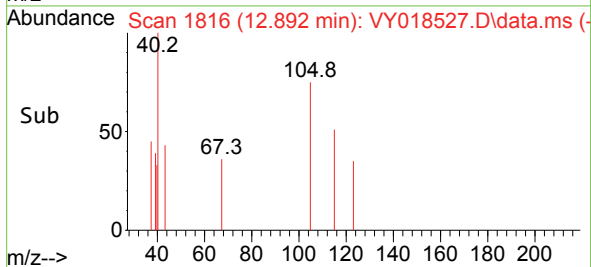
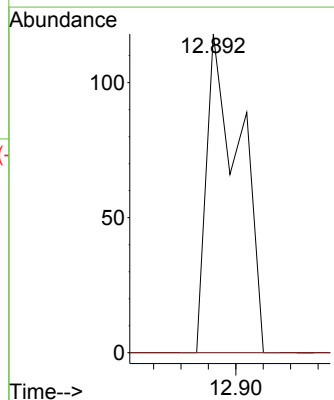
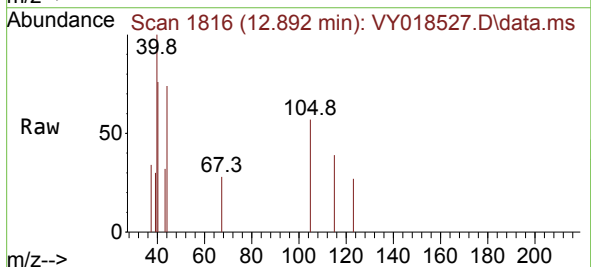


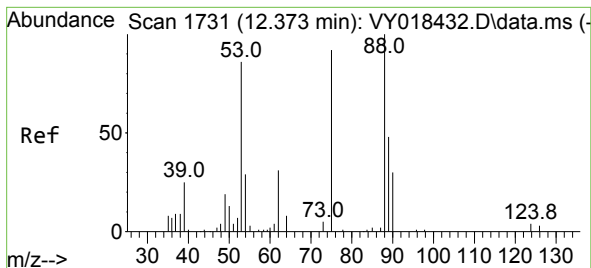
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 157.9 17.8 53.5#



#80
1,3,5-Trimethylbenzene
Concen: 5.250 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.085 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion: 105 Resp: 100
Ion Ratio Lower Upper
105 100
120 0.0 25.1 75.2#

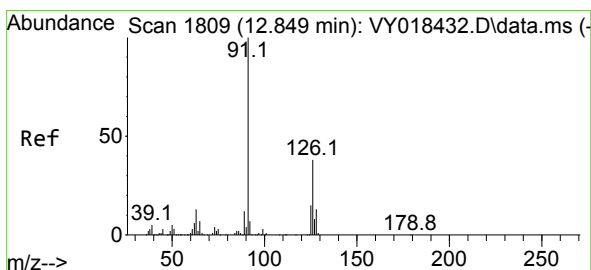
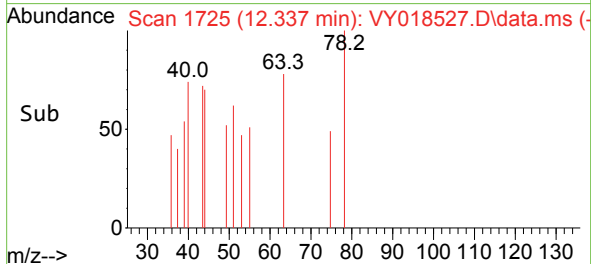
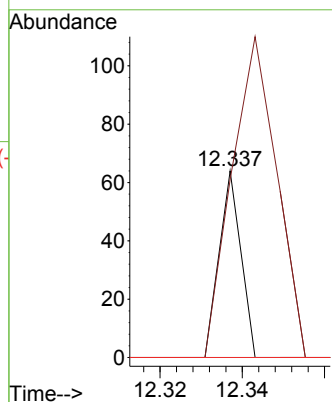
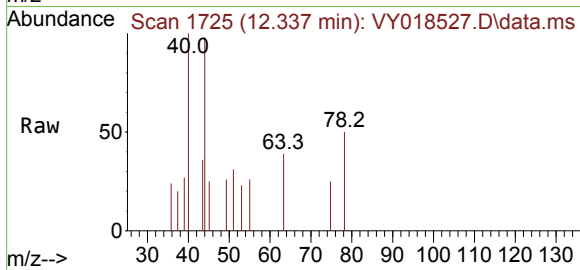




#81
trans-1,4-Dichloro-2-butene
Concen: 16.442 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.036 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

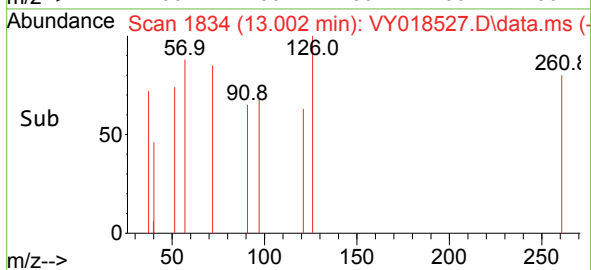
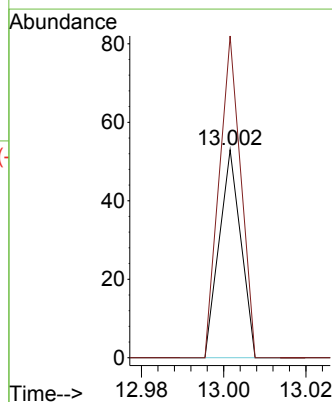
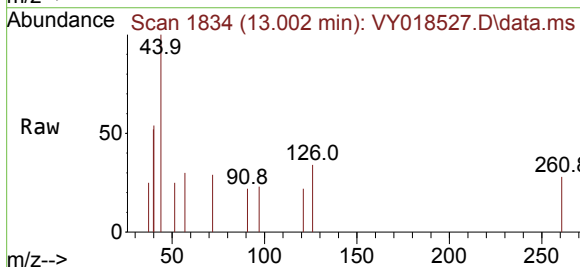
Instrument :
MSVOA_Y
ClientSampleId :

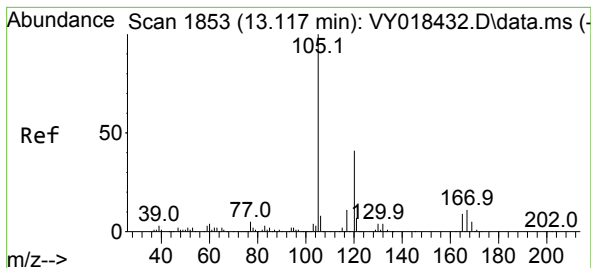
Tgt Ion: 75 Resp: 23
Ion Ratio Lower Upper
75 100
53 360.9 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 1.183 ug/l
RT: 13.002 min Scan# 1834
Delta R.T. 0.153 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

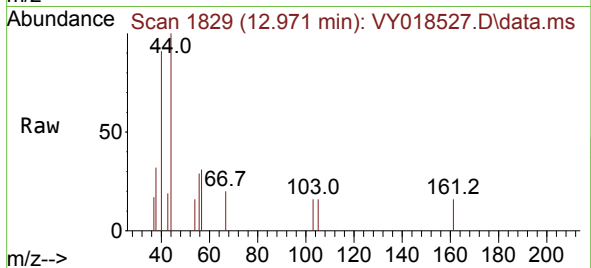
Tgt Ion: 91 Resp: 19
Ion Ratio Lower Upper
91 100
126 157.9 17.6 52.9#



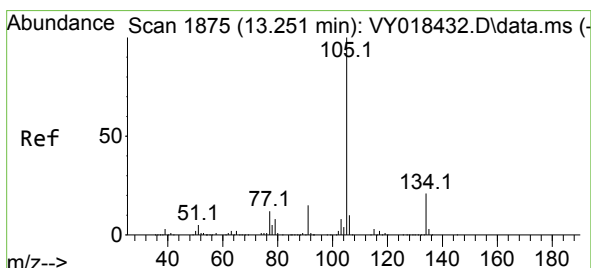
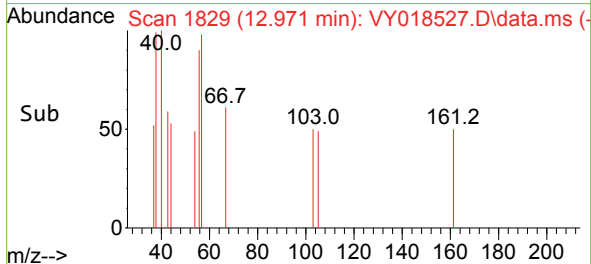
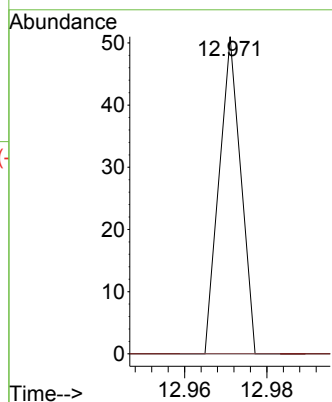


#84
1,2,4-Trimethylbenzene
Concen: 1.019 ug/l
RT: 12.971 min Scan# 1829
Delta R.T. -0.146 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

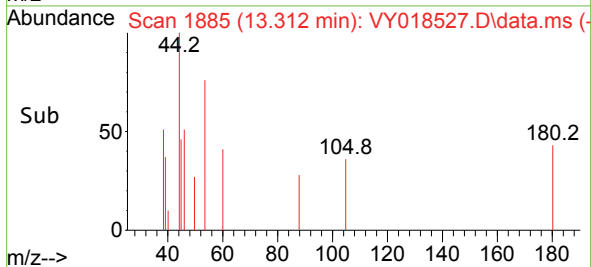
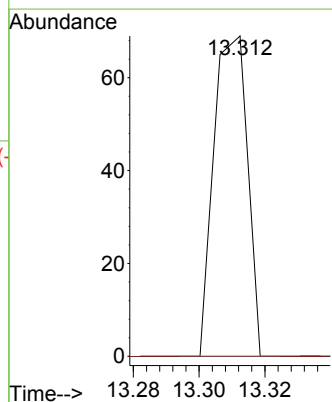
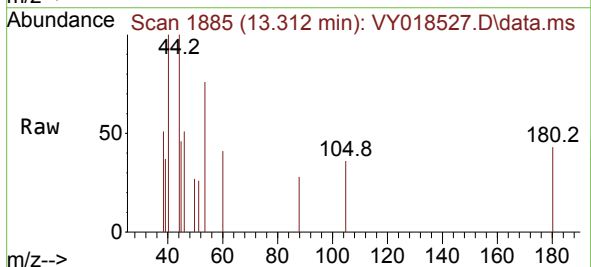


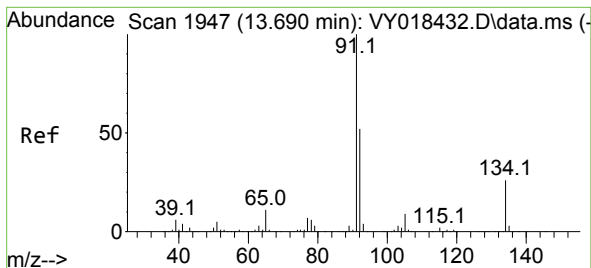
Tgt Ion:105 Resp: 19
Ion Ratio Lower Upper
105 100
120 0.0 23.2 69.6#



#85
sec-Butylbenzene
Concen: 1.889 ug/l
RT: 13.312 min Scan# 1885
Delta R.T. 0.061 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Tgt Ion:105 Resp: 49
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#89

n-Butylbenzene

Concen: 1.056 ug/l

RT: 13.410 min Scan# 1947

Delta R.T. -0.280 min

Lab File: VY018527.D

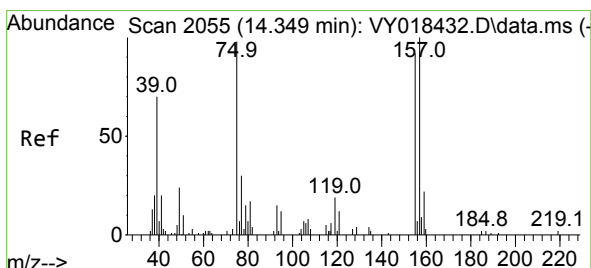
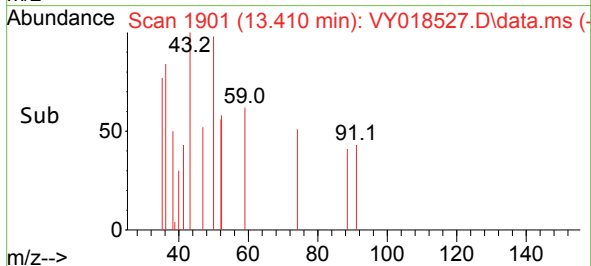
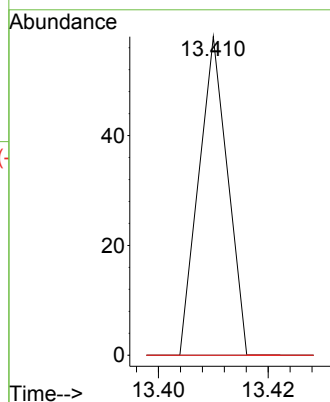
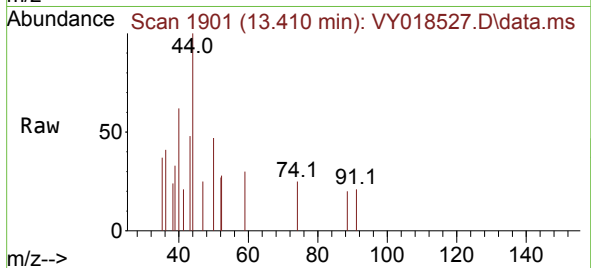
Acq: 07 Jun 2024 15:14

Instrument :

MSVOA_Y

ClientSampleId :

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: 27.475 ug/l

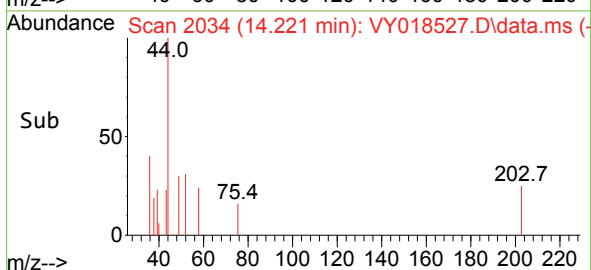
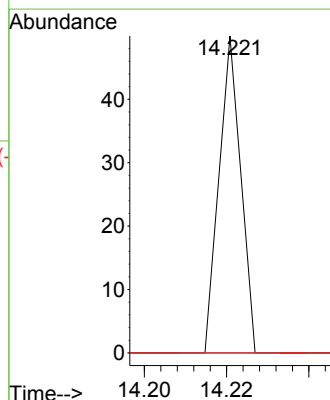
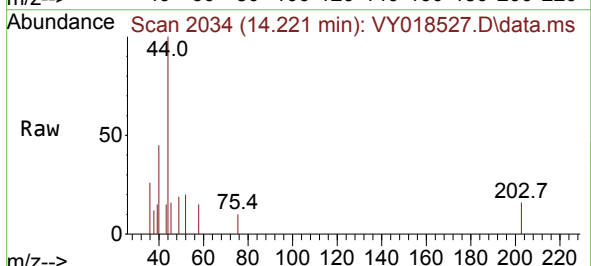
RT: 14.221 min Scan# 2034

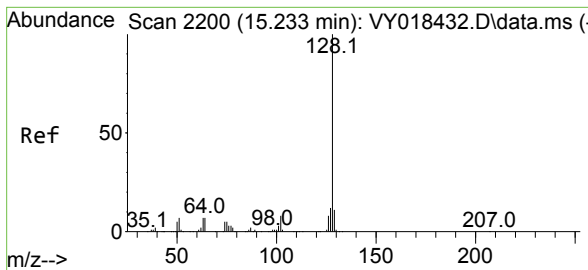
Delta R.T. -0.128 min

Lab File: VY018527.D

Acq: 07 Jun 2024 15:14

Tgt Ion: 75	Resp:	18
Ion	Ratio	Lower Upper
75	100	
155	0.0	48.6 145.8#
157	0.0	62.7 188.2#





#95
Naphthalene
Concen: 5.474 ug/l
RT: 15.269 min Scan# 21
Delta R.T. 0.037 min
Lab File: VY018527.D
Acq: 07 Jun 2024 15:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	53
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.6 16.0#
129	0.0	8.6 13.0#

