

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018528.D
 Acq On : 07 Jun 2024 15:39
 Operator : SY/MD
 Sample : P2707-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 23:14:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1464	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1673	74.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.800%	
35) Dibromofluoromethane	7.704	113	1256	41.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 83.720%	
50) Toluene-d8	10.179	98	3431	28.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 57.500%#	
62) 4-Bromofluorobenzene	12.483	95	544	14.638	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 29.280%#	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.003	85	28	1.540	ug/l #	43
3) Chloromethane	2.119	50	106	3.126	ug/l #	43
4) Vinyl Chloride	2.223	62	93	2.293	ug/l #	42
5) Bromomethane	2.631	94	54	1.995	ug/l #	3
7) Trichlorofluoromethane	3.034	101	57	1.358	ug/l #	20
10) Methyl Iodide	4.070	142	125	5.207	ug/l #	42
11) Tert butyl alcohol	4.911	59	23	Below Cal	#	88
12) 1,1-Dichloroethene	3.820	96	53	2.206	ug/l #	1
13) Acrolein	3.698	56	34	14.772	ug/l	94
14) Allyl chloride	4.479	41	118	3.354	ug/l #	56
15) Acrylonitrile	5.143	53	112	19.394	ug/l #	48
16) Acetone	3.948	43	64	12.824	ug/l #	36
18) Methyl Acetate	4.479	43	56	4.487	ug/l #	1
20) Methylene Chloride	4.710	84	146	2.370	ug/l #	55
22) Diisopropyl ether	6.100	45	109	1.521	ug/l #	37
23) Vinyl Acetate	6.064	43	49	1.051	ug/l #	67
24) 1,1-Dichloroethane	5.966	63	47	1.052	ug/l #	80
25) 2-Butanone	6.972	43	112	14.649	ug/l #	41
26) 2,2-Dichloropropane	7.076	77	62	1.579	ug/l #	51
27) cis-1,2-Dichloroethene	6.893	96	31	1.040	ug/l #	1
28) Bromochloromethane	7.332	49	49	2.383	ug/l #	6
29) Tetrahydrofuran	7.332	42	29	5.840	ug/l #	26
30) Chloroform	7.515	83	62	1.383	ug/l #	17
31) Cyclohexane	7.765	56	58	1.383	ug/l #	20
36) 1,1-Dichloropropene	8.002	75	55	1.202	ug/l #	40
37) Ethyl Acetate	7.015	43	155	6.782	ug/l #	67
38) Carbon Tetrachloride	7.771	117	80	1.745	ug/l #	13
41) Methacrylonitrile	7.307	41	100	8.996	ug/l #	1
42) 1,2-Dichloroethane	8.289	62	43	1.290	ug/l #	71
43) Isopropyl Acetate	8.289	43	91	2.130	ug/l #	47
45) 1,2-Dichloropropane	9.136	63	52	1.659	ug/l #	43
46) Dibromomethane	9.398	93	37	2.059	ug/l #	3
47) Bromodichloromethane	9.325	83	44	1.020	ug/l #	60
48) Methyl methacrylate	9.270	41	162	8.240	ug/l #	1
49) 1,4-Dioxane	9.191	88	21	88.978	ug/l #	20
51) 4-Methyl-2-Pentanone	9.904	43	50	2.253	ug/l	89

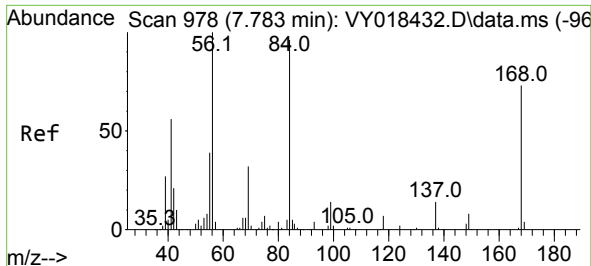
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018528.D
 Acq On : 07 Jun 2024 15:39
 Operator : SY/MD
 Sample : P2707-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 23:14:25 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)
54) cis-1,3-Dichloropropene	9.850	75	112	2.296	ug/l #	40
55) 1,1,2-Trichloroethane	10.581	97	29	1.240	ug/l #	16
56) Ethyl methacrylate	10.453	69	69	2.097	ug/l #	19
57) 1,3-Dichloropropane	10.862	76	53	1.335	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.783	63	29	1.641	ug/l #	45
59) 2-Hexanone	10.764	43	45	2.935	ug/l	79
66) 1,1,1,2-Tetrachloroethane	11.496	131	26	1.281	ug/l #	1
68) m/p-Xylenes	11.831	106	52	1.208	ug/l #	1
71) Bromoform	12.367	173	28	2.618	ug/l #	27
73) Isopropylbenzene	12.148	105	27	1.217	ug/l #	48
74) N-amyl acetate	12.081	43	49	9.073	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	12.611	83	24	6.145	ug/l #	26
76) 1,2,3-Trichloropropane	12.489	75	483	181.169	ug/l #	100
77) Bromobenzene	12.398	156	19	4.033	ug/l #	1
79) 2-Chlorotoluene	12.764	91	60	4.145	ug/l	98
80) 1,3,5-Trimethylbenzene	13.026	105	24	1.389	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.294	75	26	20.489	ug/l #	16
82) 4-Chlorotoluene	12.764	91	60	4.119	ug/l	98
83) tert-Butylbenzene	13.123	119	20	1.252	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.026	105	24	1.419	ug/l #	30
85) sec-Butylbenzene	13.026	105	24	1.020	ug/l #	1
86) p-Isopropyltoluene	13.398	119	42	2.211	ug/l #	29
89) n-Butylbenzene	13.562	91	23	1.274	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.385	75	20	33.652	ug/l #	1

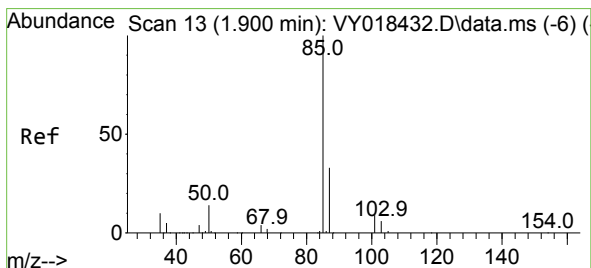
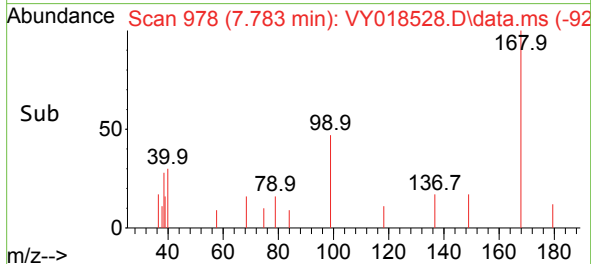
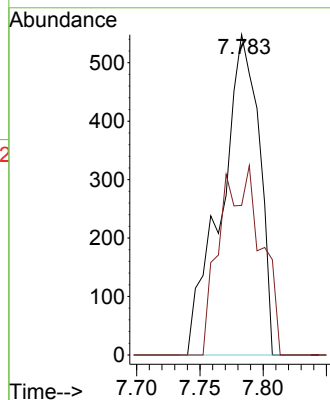
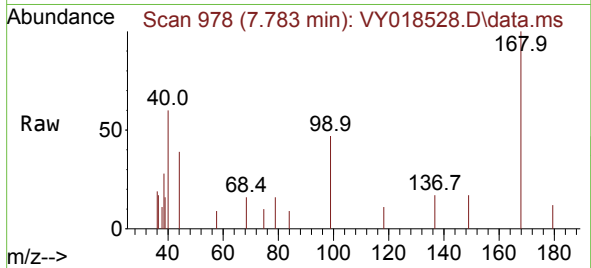
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

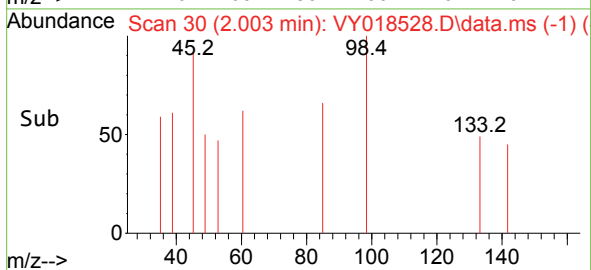
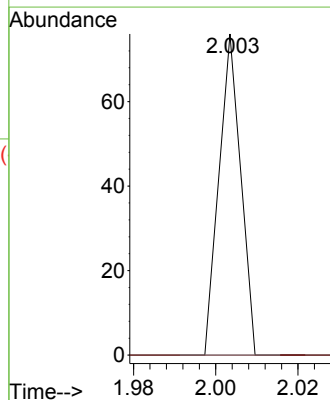
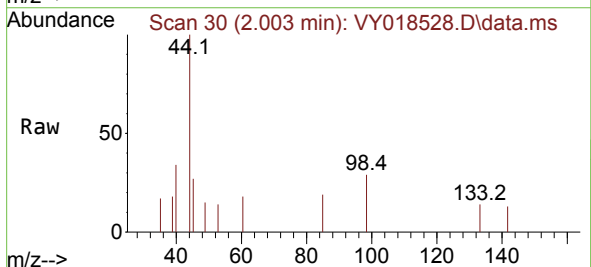
Instrument :
MSVOA_Y
ClientSampleId :

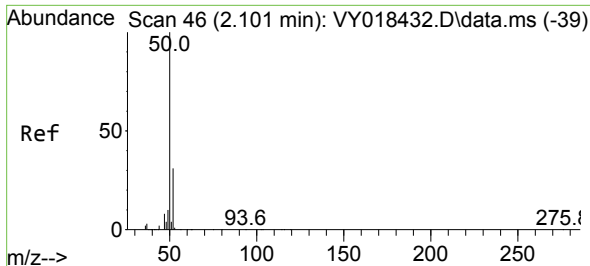
Tgt Ion:168 Resp: 1145
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 1.540 ug/l
RT: 2.003 min Scan# 30
Delta R.T. 0.104 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

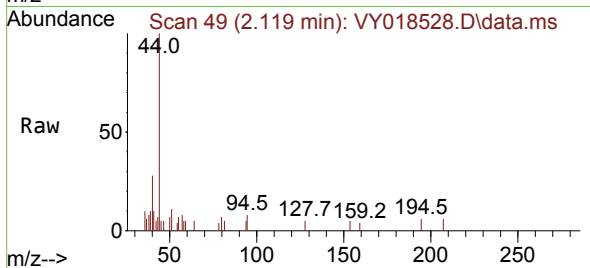
Tgt Ion: 85 Resp: 28
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



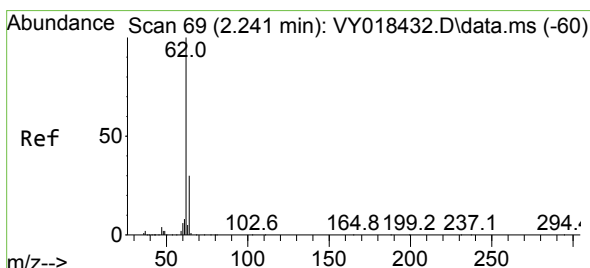
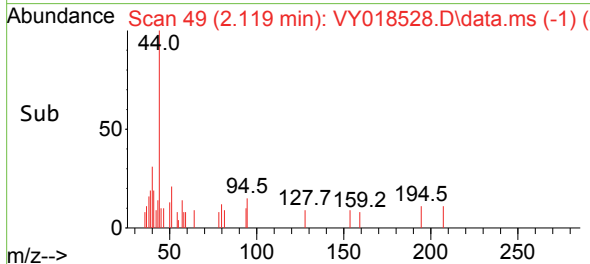
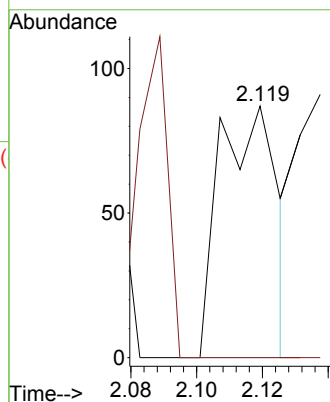


#3
Chloromethane
Concen: 3.126 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.018 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

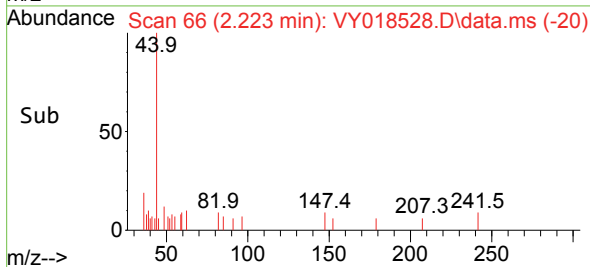
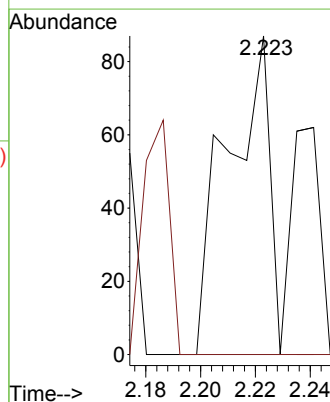
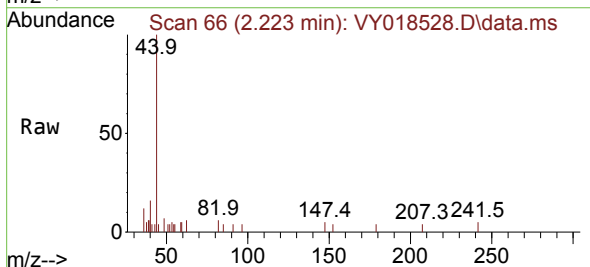


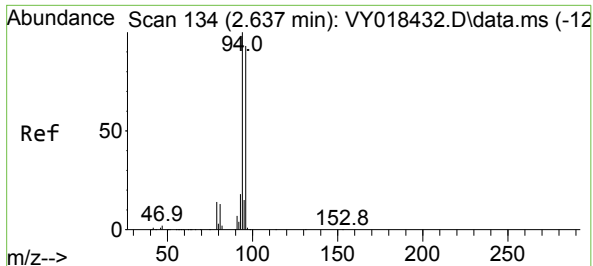
Tgt Ion: 50 Resp: 106
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 2.293 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.018 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 62 Resp: 93
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#





#5

Bromomethane

Concen: 1.995 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

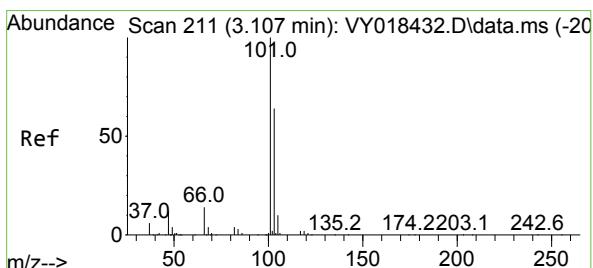
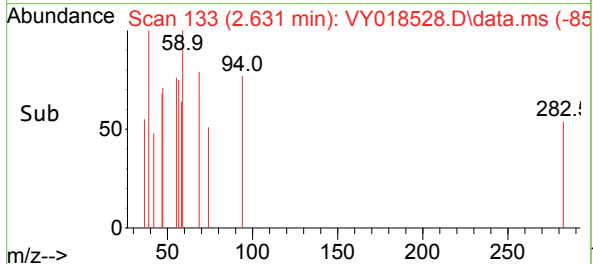
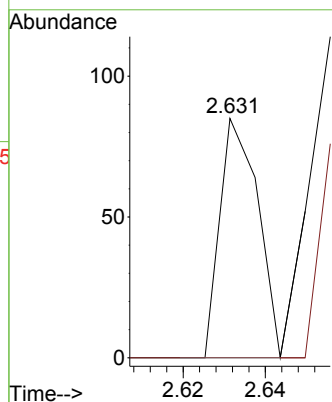
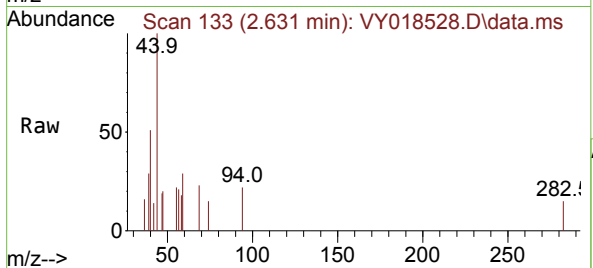
ClientSampleId :

Tgt Ion: 94 Resp: 54

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#



#7

Trichlorofluoromethane

Concen: 1.358 ug/l

RT: 3.034 min Scan# 199

Delta R.T. -0.073 min

Lab File: VY018528.D

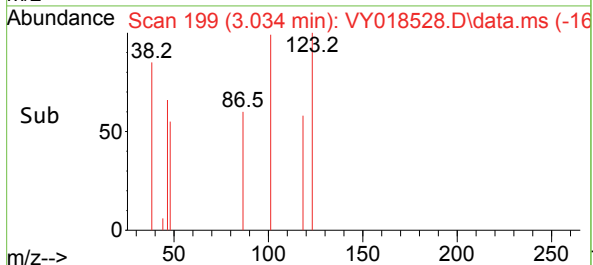
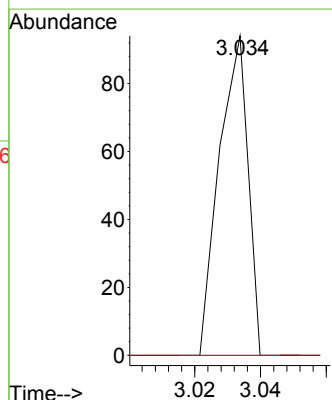
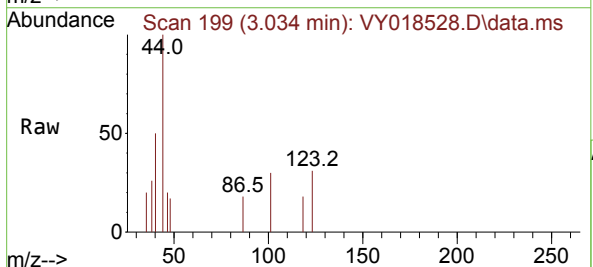
Acq: 07 Jun 2024 15:39

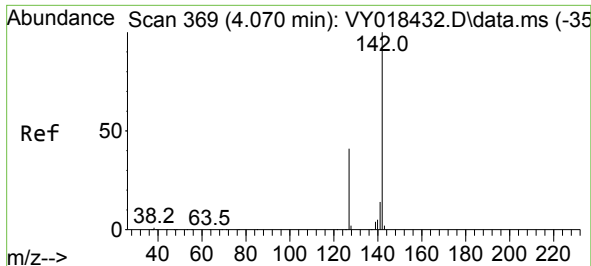
Tgt Ion:101 Resp: 57

Ion Ratio Lower Upper

101 100

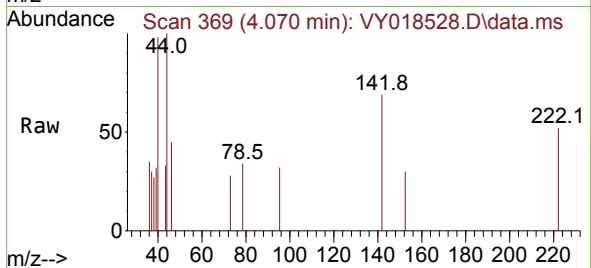
103 0.0 49.3 73.9#



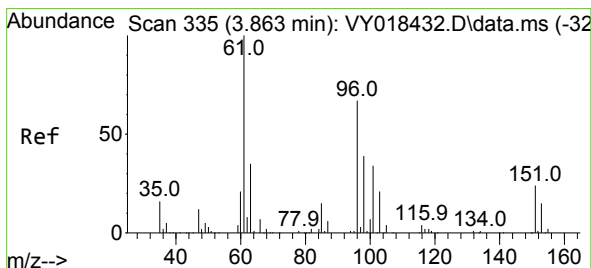
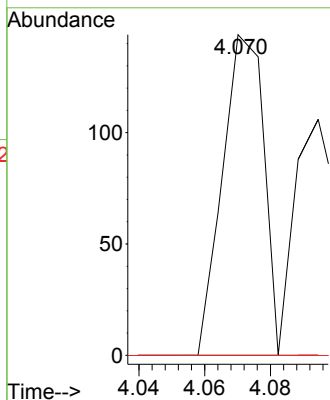
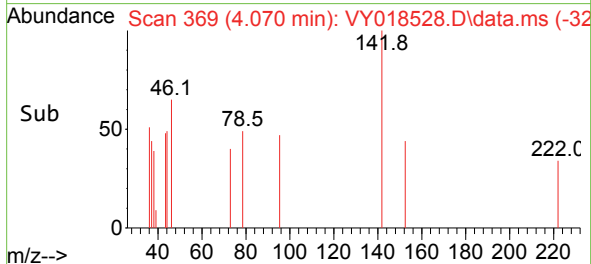


#10
Methyl Iodide
Concen: 5.207 ug/l
RT: 4.070 min Scan# 30
Delta R.T. 0.000 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

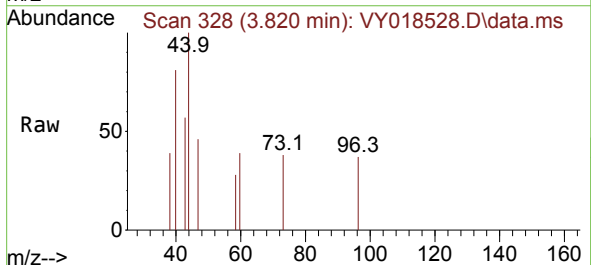
Instrument :
MSVOA_Y
ClientSampleId :



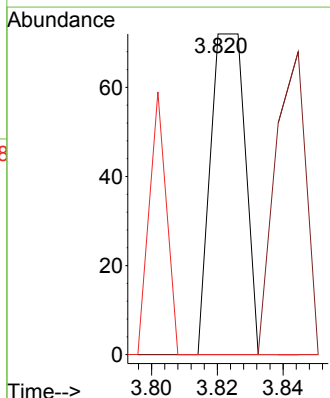
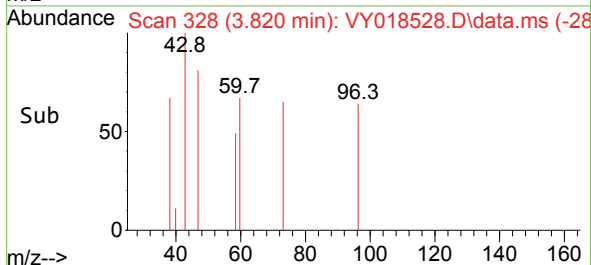
Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

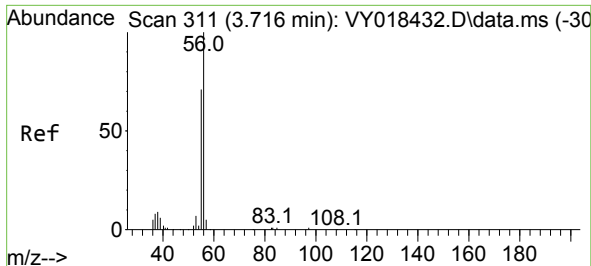


#12
1,1-Dichloroethene
Concen: 2.206 ug/l
RT: 3.820 min Scan# 328
Delta R.T. -0.043 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39



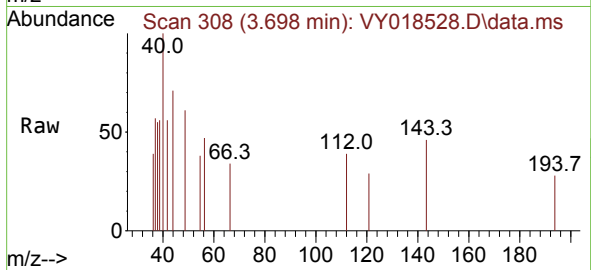
Tgt Ion: 96 Resp: 53
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#



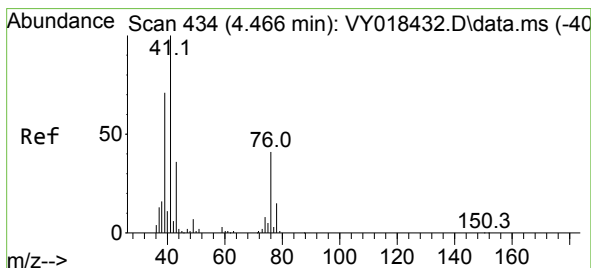
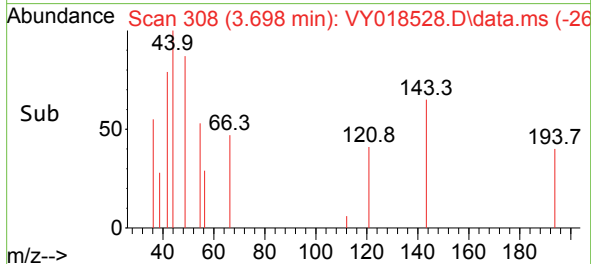
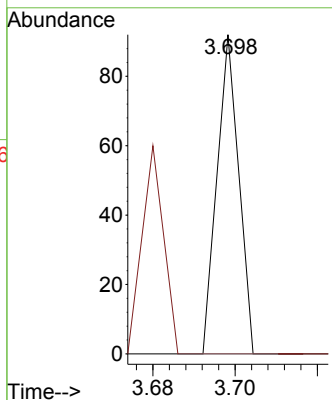


#13
Acrolein
Concen: 14.772 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.018 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

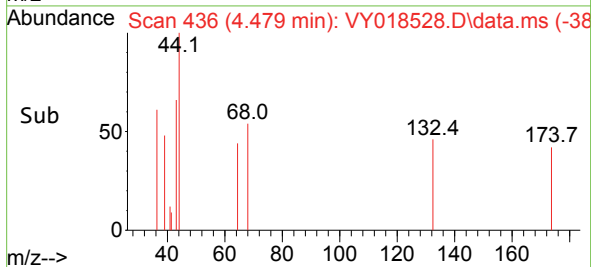
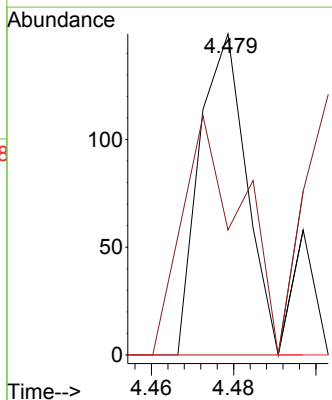
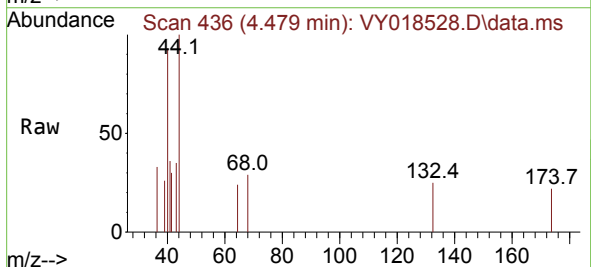


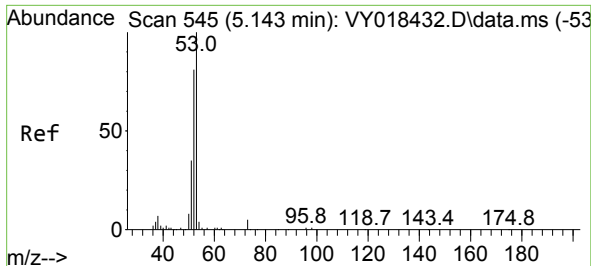
Tgt Ion: 56 Resp: 34
Ion Ratio Lower Upper
56 100
55 64.7 55.7 83.5



#14
Allyl chloride
Concen: 3.354 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.012 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

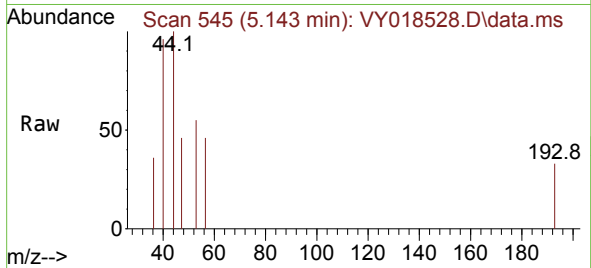
Tgt Ion: 41 Resp: 118
Ion Ratio Lower Upper
41 100
39 94.9 58.3 87.5#
76 0.0 39.0 58.6#



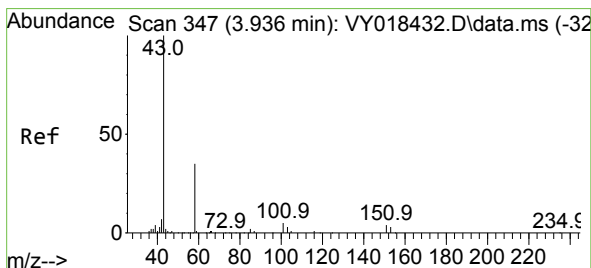
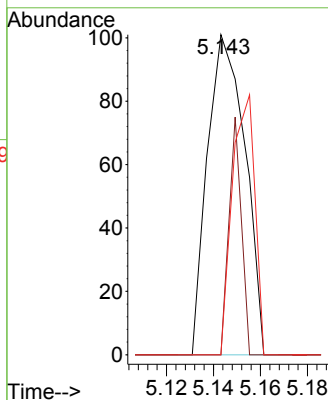
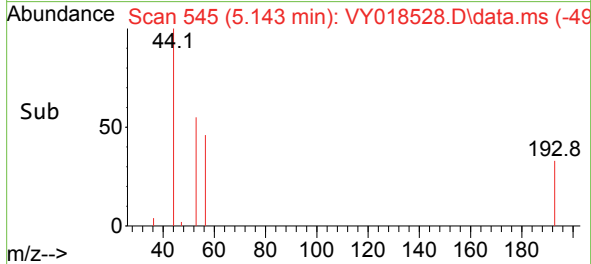


#15
Acrylonitrile
Concen: 19.394 ug/l
RT: 5.143 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

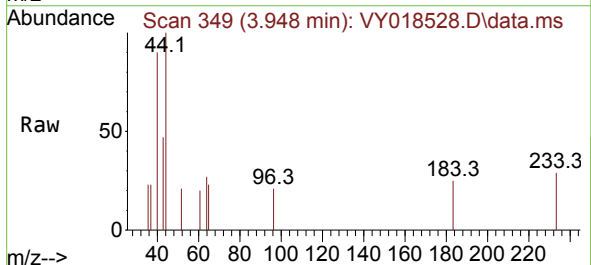
Instrument :
MSVOA_Y
ClientSampleId :



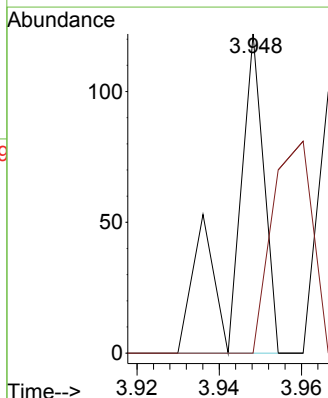
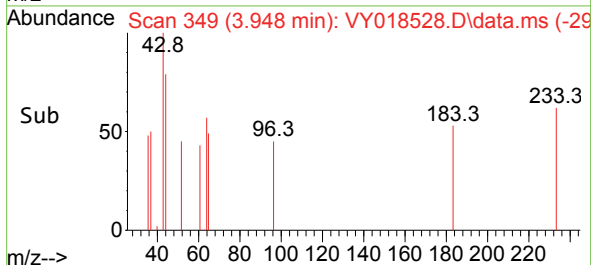
Tgt Ion: 53 Resp: 112
Ion Ratio Lower Upper
53 100
52 24.1 64.7 97.1#
51 49.1 28.4 42.6#

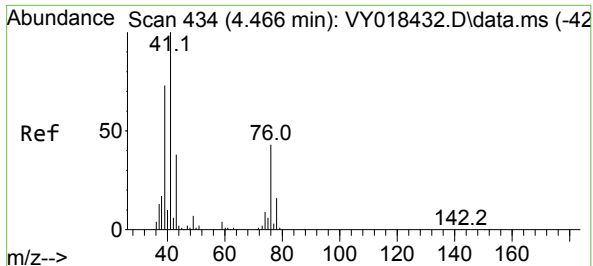


#16
Acetone
Concen: 12.824 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39



Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#18

Methyl Acetate

Concen: 4.487 ug/l

RT: 4.479 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

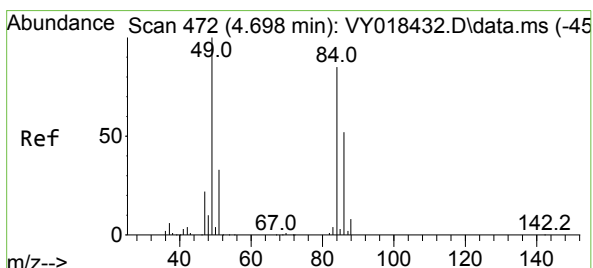
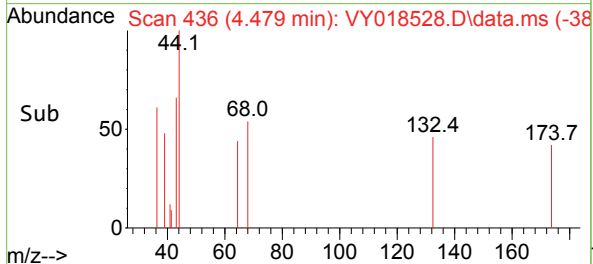
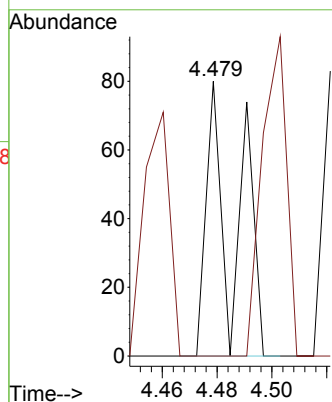
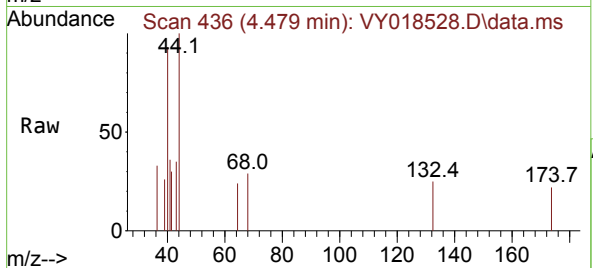
ClientSampleId :

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

74 82.1 23.3 34.9#



#20

Methylene Chloride

Concen: 2.370 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.012 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Tgt Ion: 84 Resp: 146

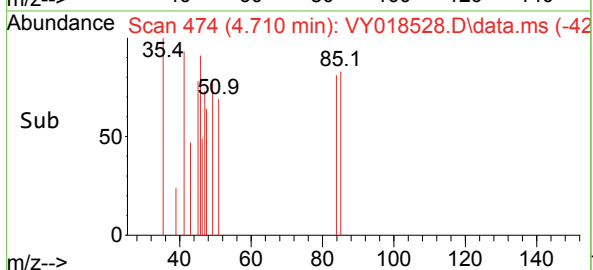
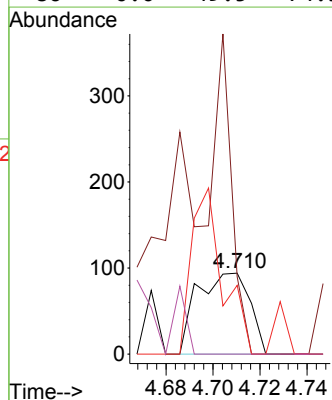
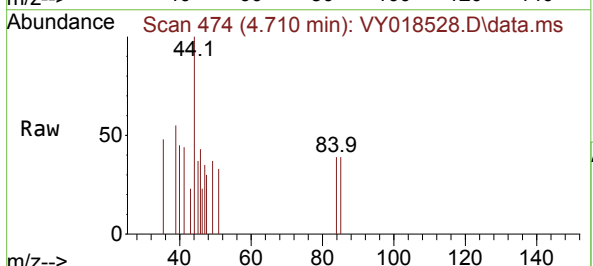
Ion Ratio Lower Upper

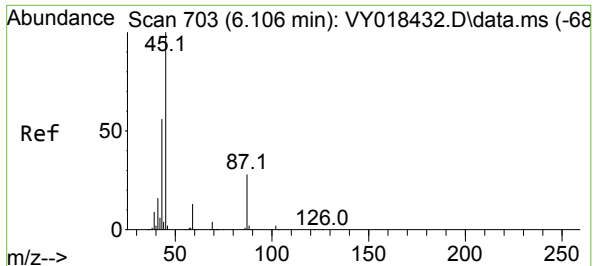
84 100

49 95.7 84.4 126.6

51 85.1 26.0 39.0#

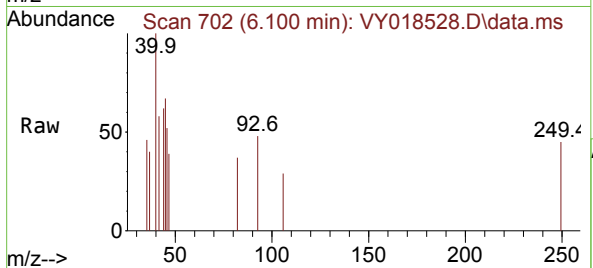
86 0.0 49.5 74.3#



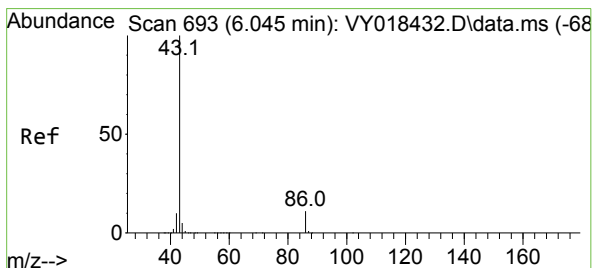
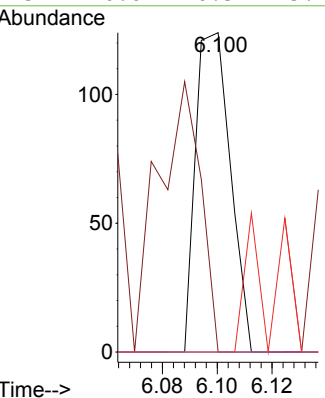
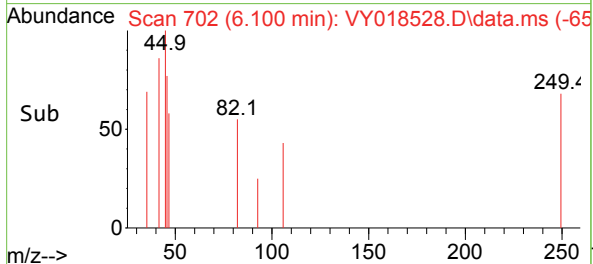


#22
Diisopropyl ether
Concen: 1.521 ug/l
RT: 6.100 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

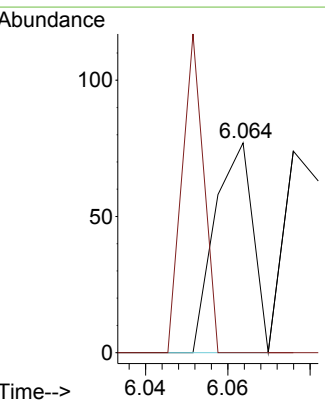
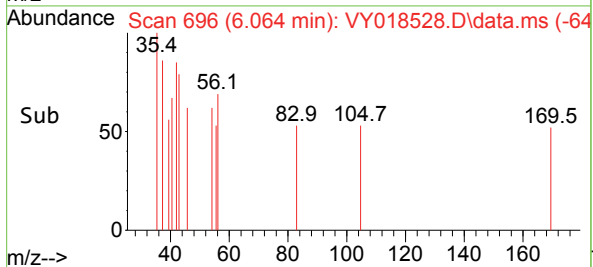
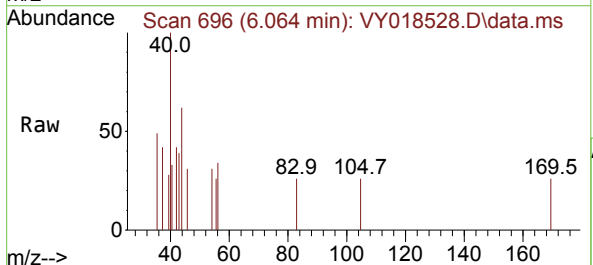


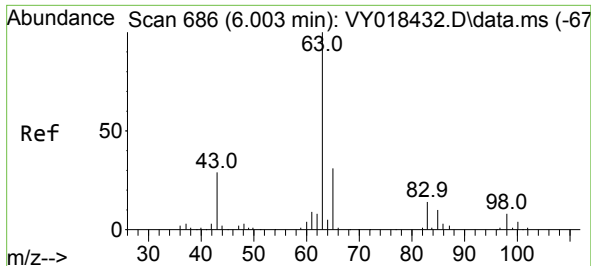
Tgt Ion:	45	Resp:	109
Ion	Ratio	Lower	Upper
45	100		
43	0.0	42.2	63.2#
87	0.0	25.0	37.6#
59	0.0	10.5	15.7#



#23
Vinyl Acetate
Concen: 1.051 ug/l
RT: 6.064 min Scan# 696
Delta R.T. 0.018 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

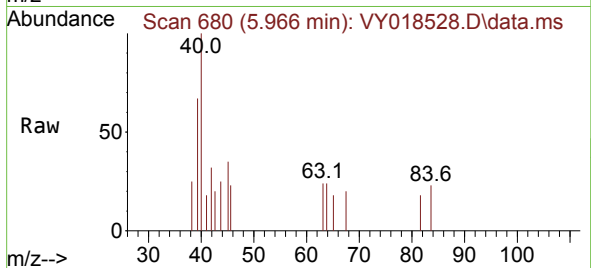
Tgt Ion:	43	Resp:	49
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#



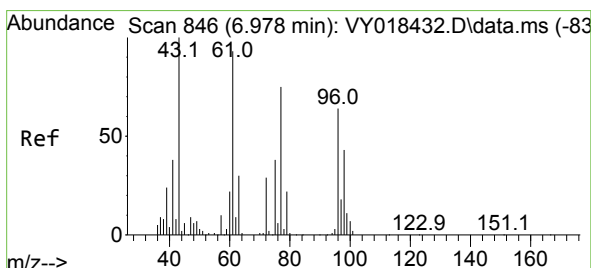
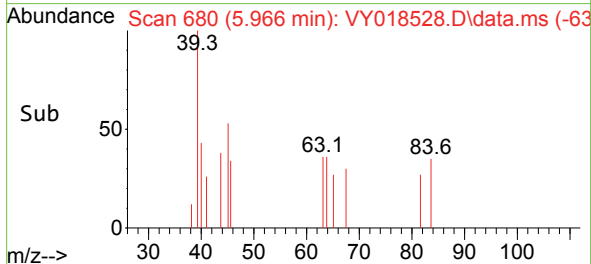
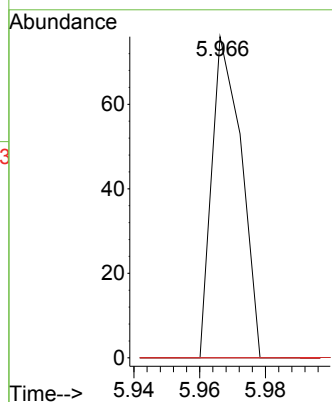


#24
1,1-Dichloroethane
Concen: 1.052 ug/l
RT: 5.966 min Scan# 61
Delta R.T. -0.037 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

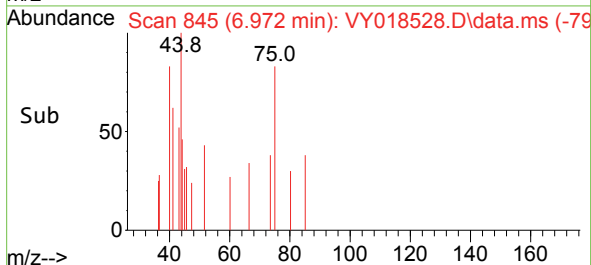
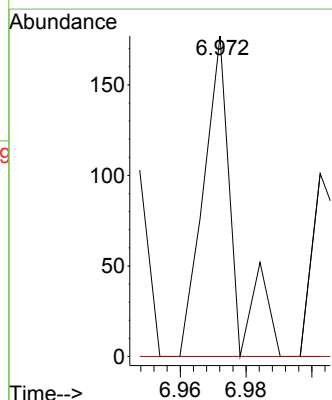
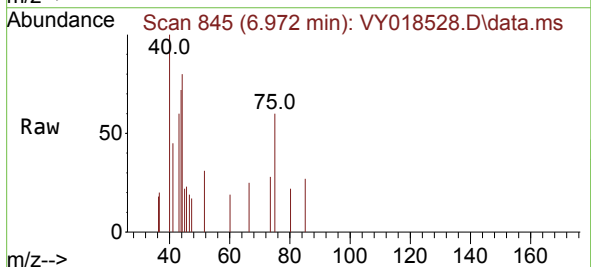


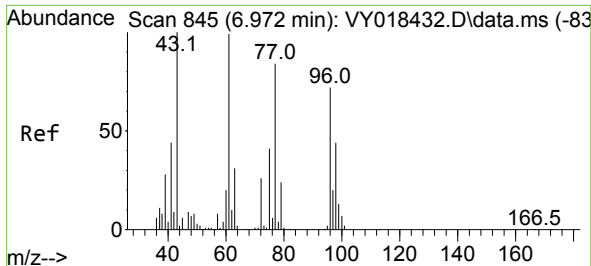
Tgt Ion: 63 Resp: 47
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 14.649 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 43 Resp: 112
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#26

2,2-Dichloropropane

Concen: 1.579 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.104 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

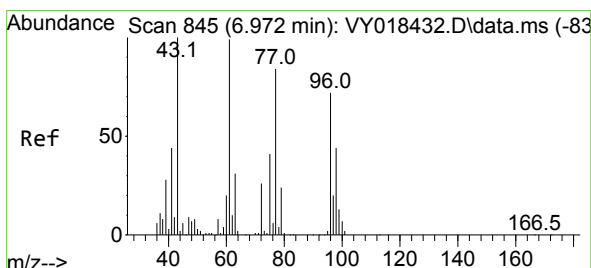
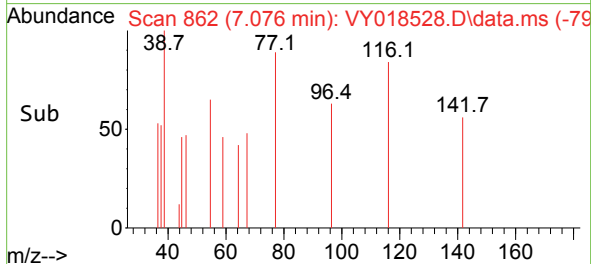
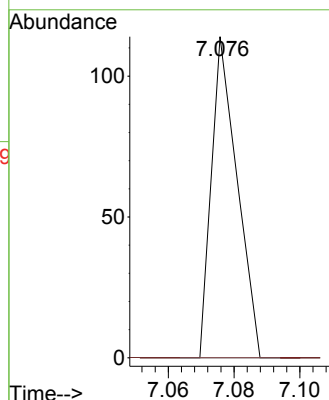
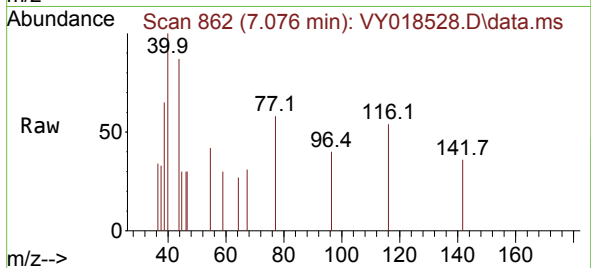
ClientSampleId :

Tgt Ion: 77 Resp: 62

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#27

cis-1,2-Dichloroethene

Concen: 1.040 ug/l

RT: 6.893 min Scan# 832

Delta R.T. -0.079 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

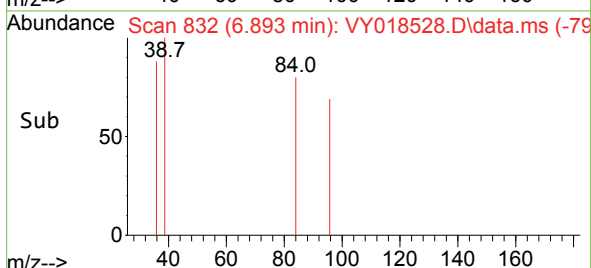
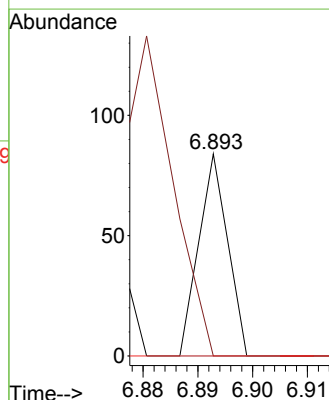
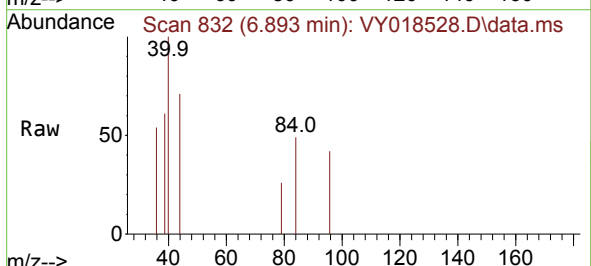
Tgt Ion: 96 Resp: 31

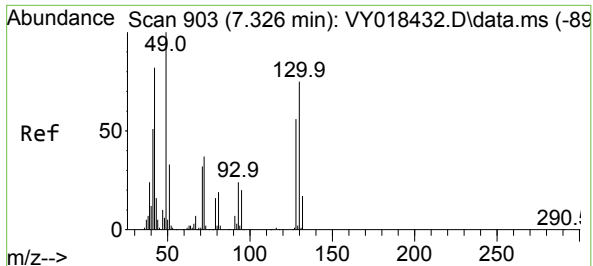
Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

98 0.0 0.0 130.0

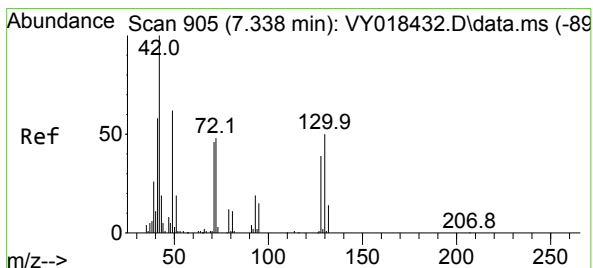
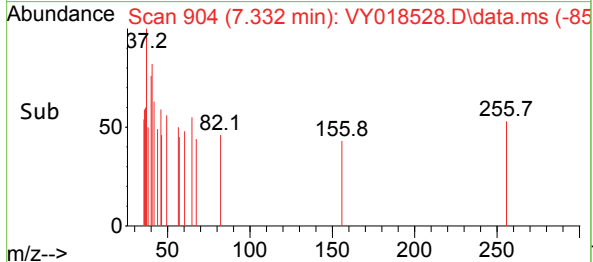
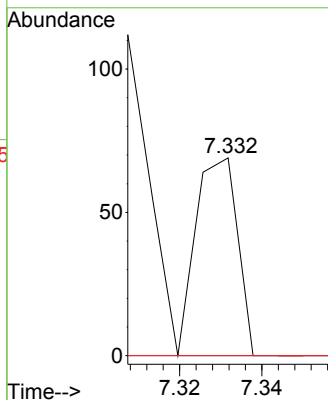
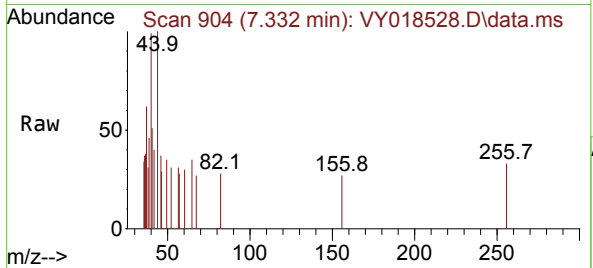




#28
Bromochloromethane
Concen: 2.383 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

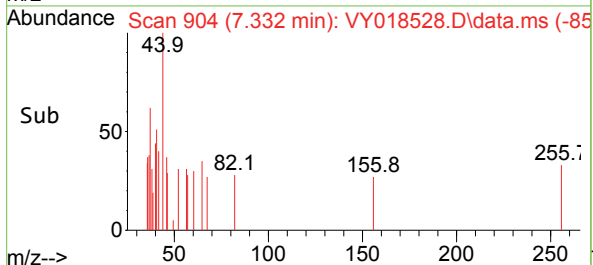
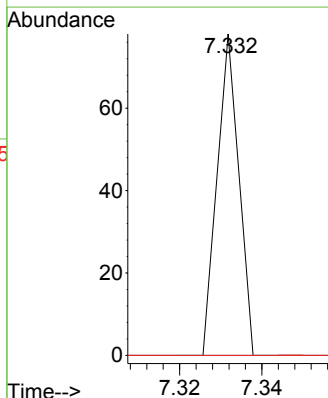
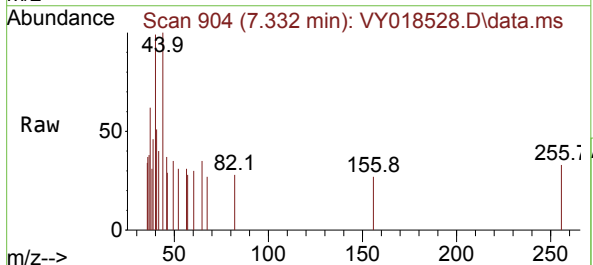
Instrument :
MSVOA_Y
ClientSampleId :

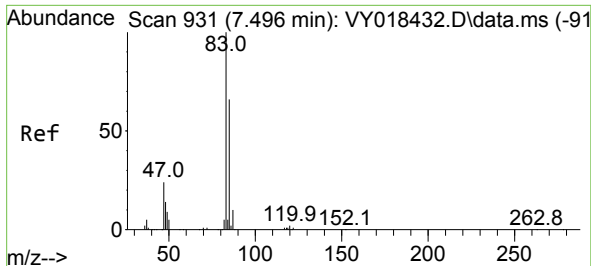
Tgt Ion: 49 Resp: 49
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#29
Tetrahydrofuran
Concen: 5.840 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 42 Resp: 29
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#

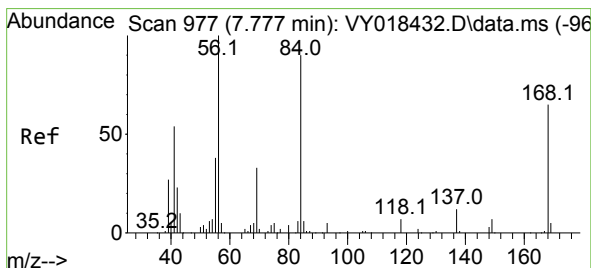
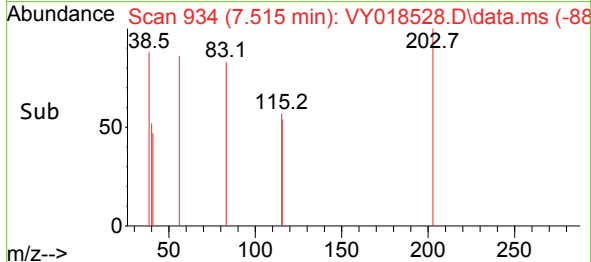
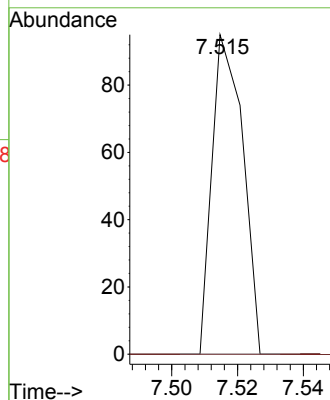
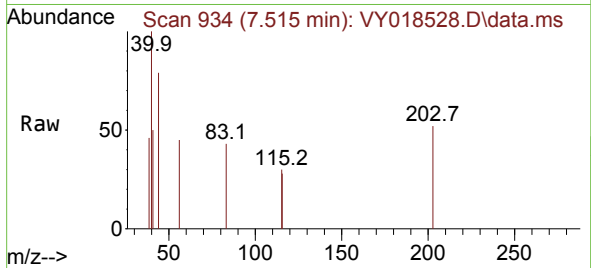




#30
Chloroform
Concen: 1.383 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

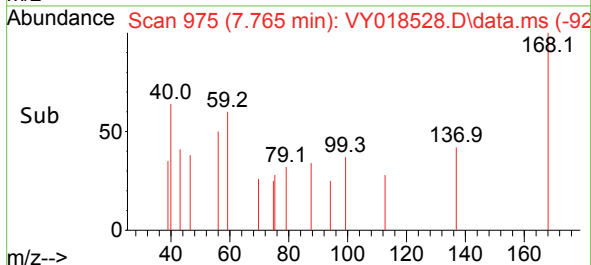
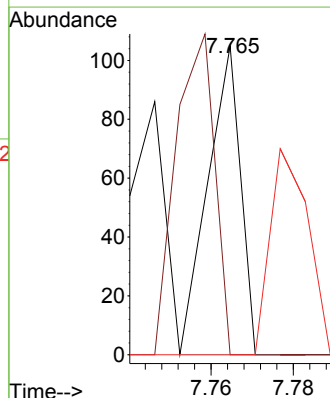
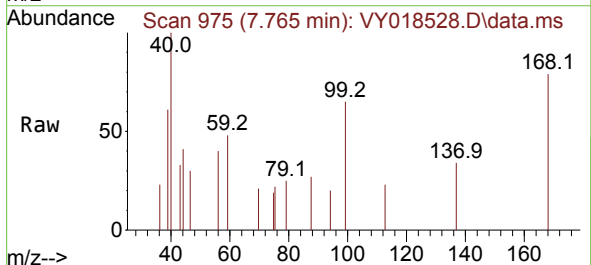
Instrument :
MSVOA_Y
ClientSampleId :

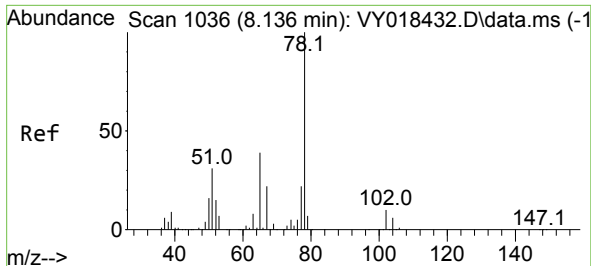
Tgt Ion: 83 Resp: 62
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 1.383 ug/l
RT: 7.765 min Scan# 975
Delta R.T. -0.012 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
69 52.4 28.7 43.1#
84 0.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 74.402 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

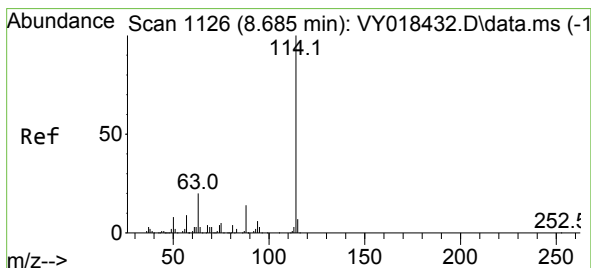
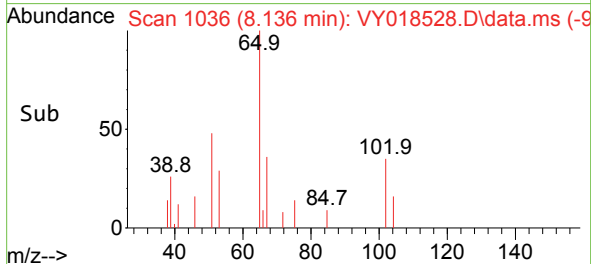
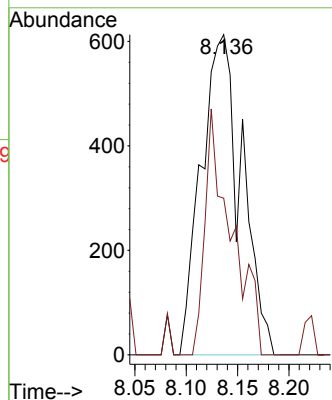
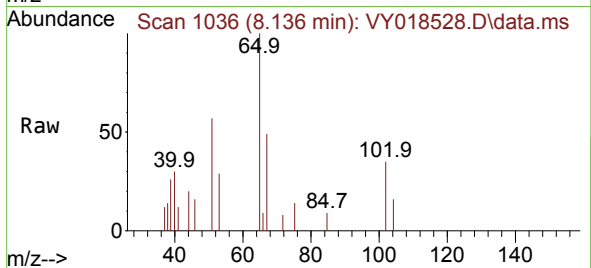
ClientSampleId :

Tgt Ion: 65 Resp: 1673

Ion Ratio Lower Upper

65 100

67 50.1 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: VY018528.D

Acq: 07 Jun 2024 15:39

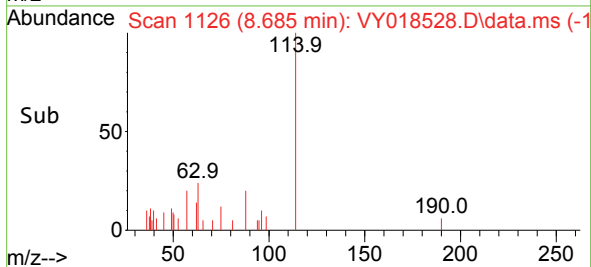
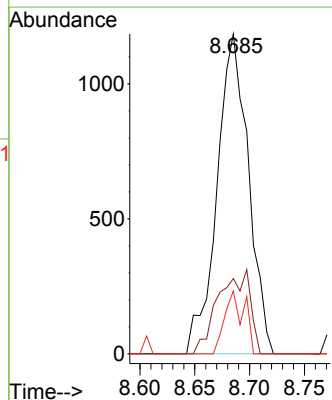
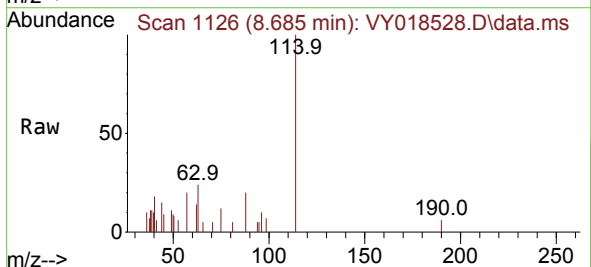
Tgt Ion: 114 Resp: 2366

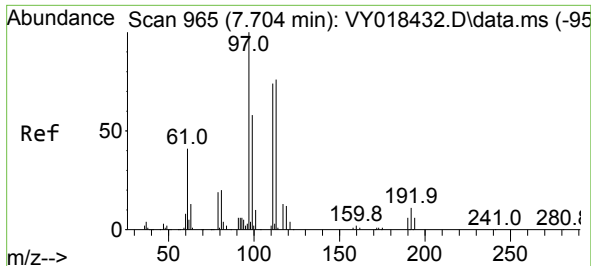
Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 19.7 0.0 27.2

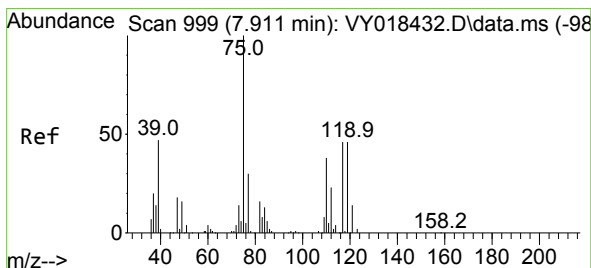
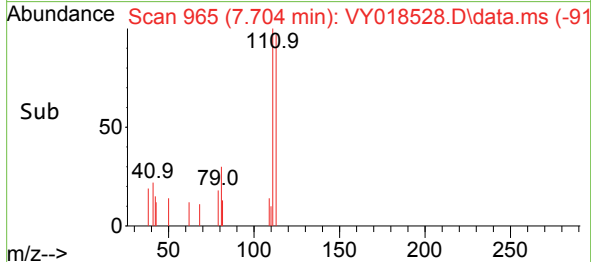
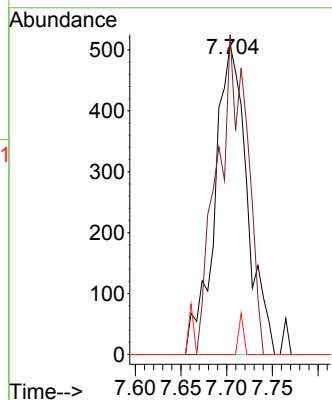
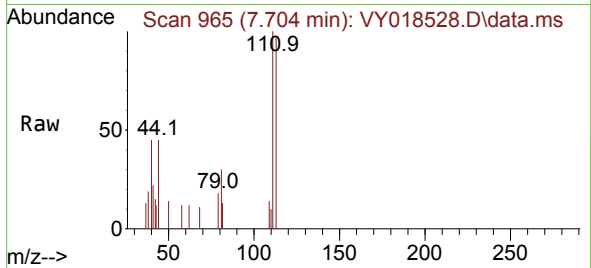




#35
Dibromofluoromethane
Concen: 41.863 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

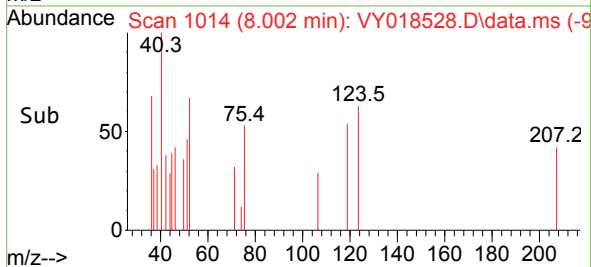
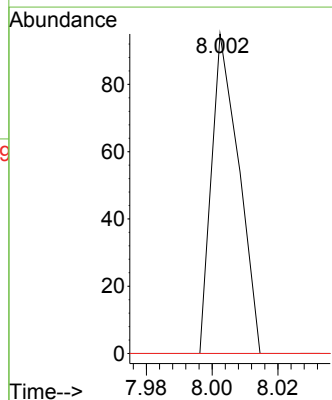
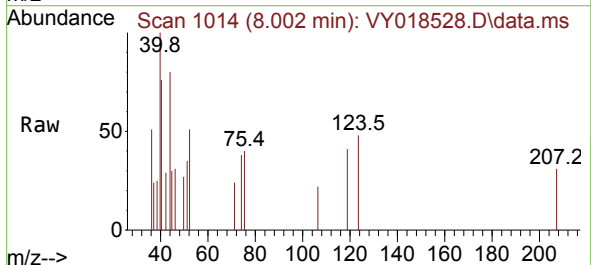
Instrument :
MSVOA_Y
ClientSampleId :

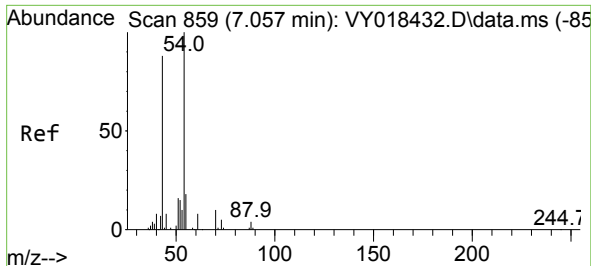
Tgt Ion:113 Resp: 1256
Ion Ratio Lower Upper
113 100
111 95.7 82.2 123.4
192 2.0 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 1.202 ug/l
RT: 8.002 min Scan# 1014
Delta R.T. 0.092 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

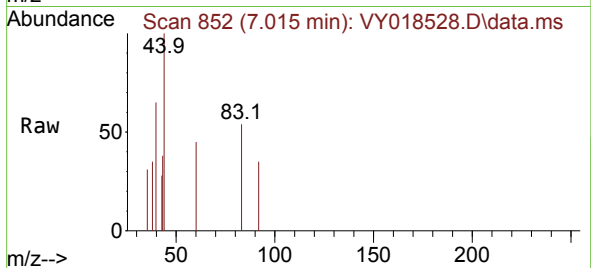
Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



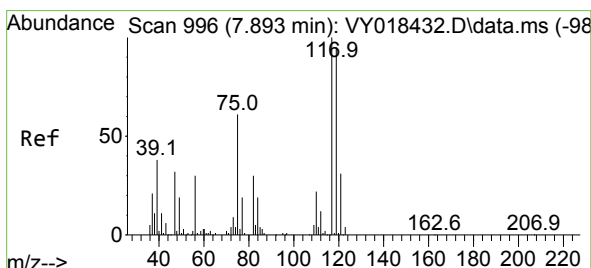
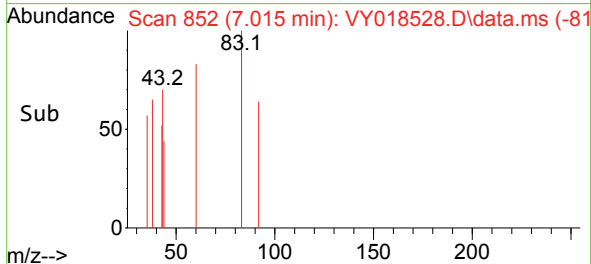
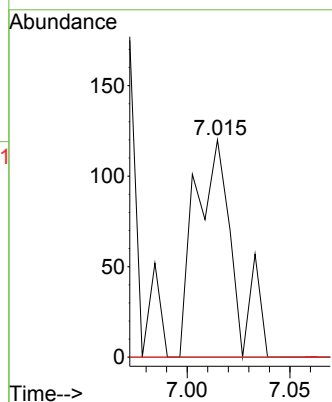


#37
Ethyl Acetate
Concen: 6.782 ug/l
RT: 7.015 min Scan# 81
Delta R.T. -0.043 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

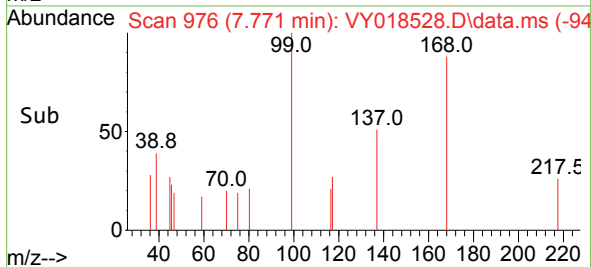
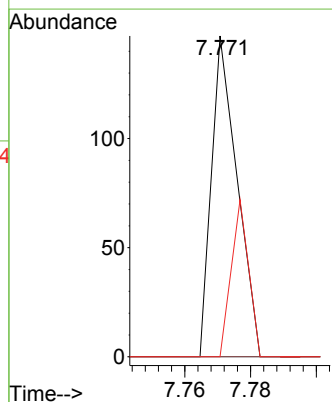
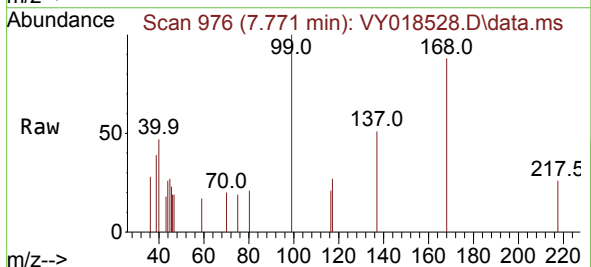


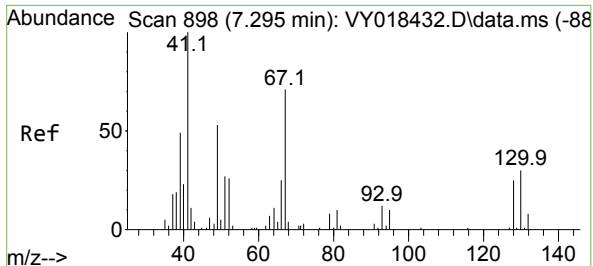
Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 1.745 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.122 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 117 Resp: 80
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

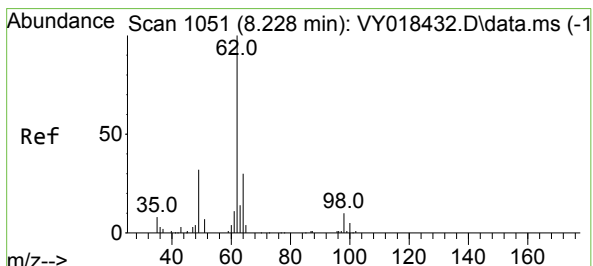
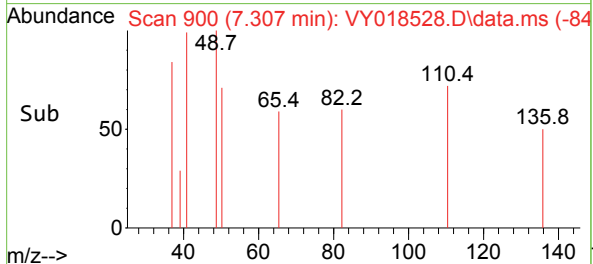
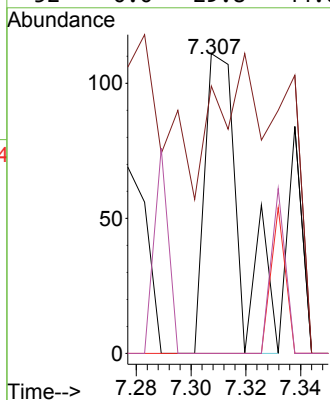
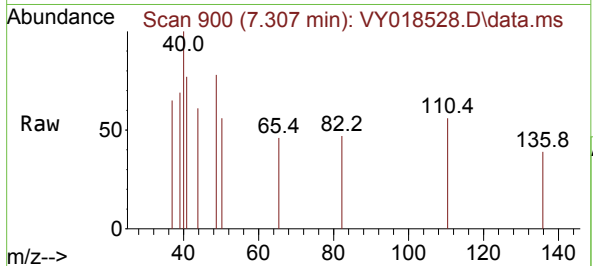




#41
Methacrylonitrile
Concen: 8.996 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

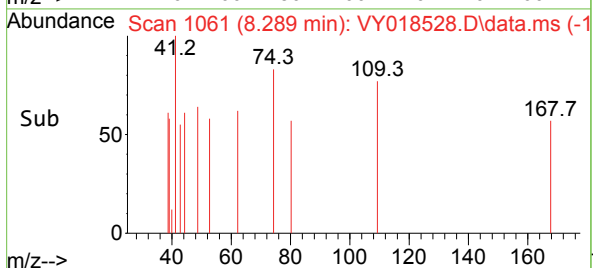
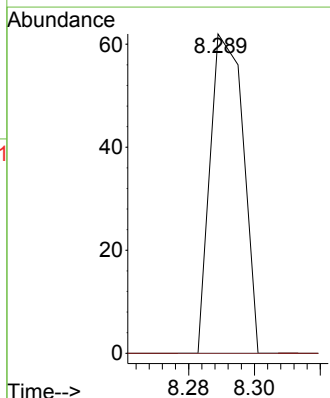
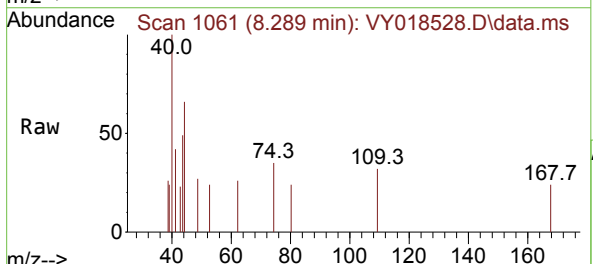
Instrument :
MSVOA_Y
ClientSampleId :

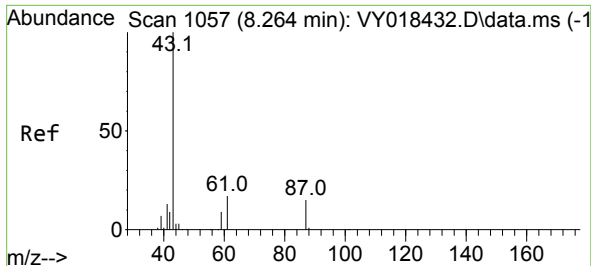
Tgt Ion: 41 Resp: 100
Ion Ratio Lower Upper
41 100
39 207.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 1.290 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.061 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

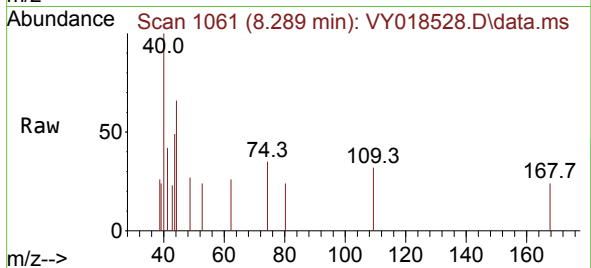
Tgt Ion: 62 Resp: 43
Ion Ratio Lower Upper
62 100
98 0.0 0.0 22.0



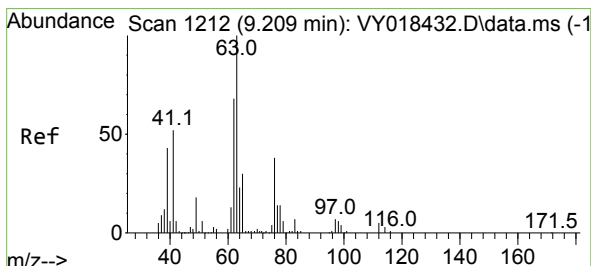
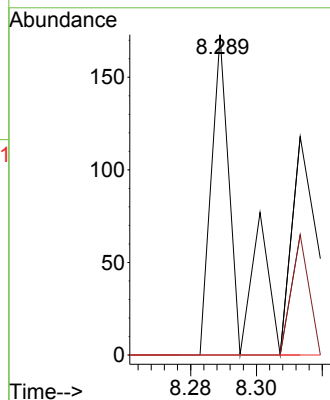
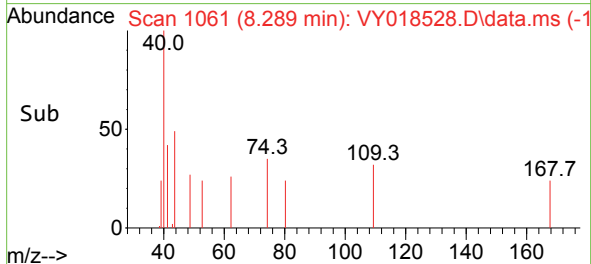


#43
Isopropyl Acetate
Concen: 2.130 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.024 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

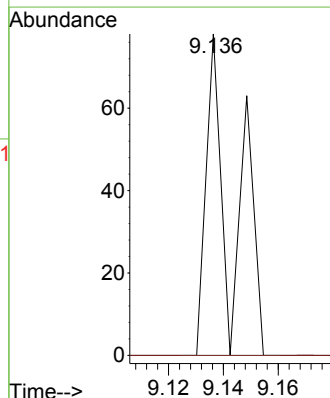
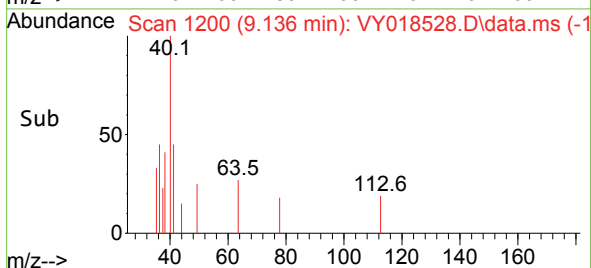
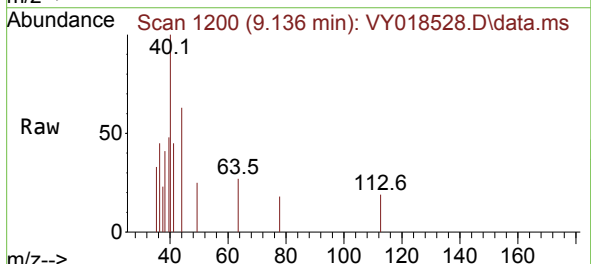


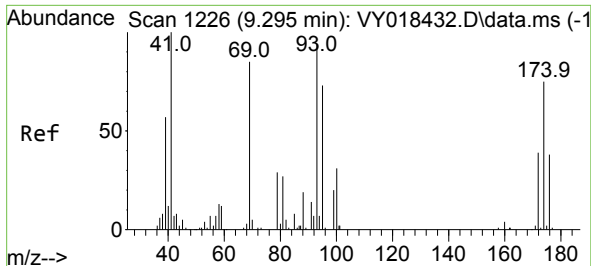
Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#45
1,2-Dichloropropane
Concen: 1.659 ug/l
RT: 9.136 min Scan# 1200
Delta R.T. -0.073 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#

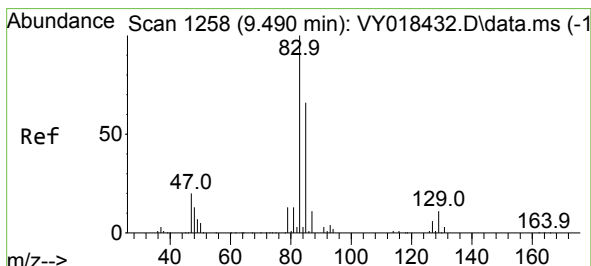
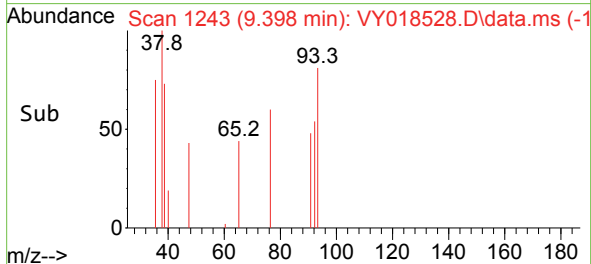
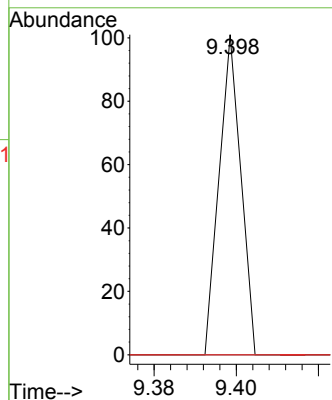
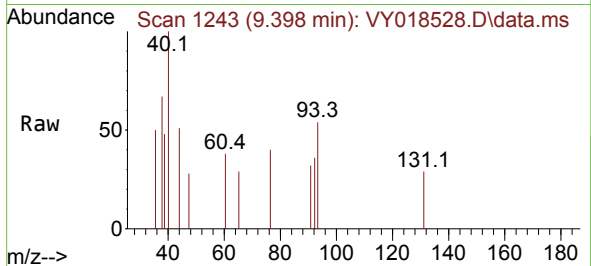




#46
Dibromomethane
Concen: 2.059 ug/l
RT: 9.398 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

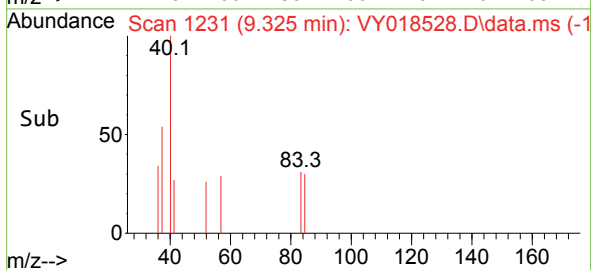
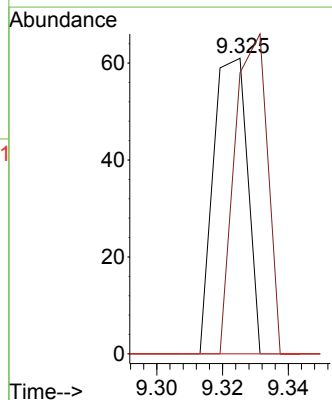
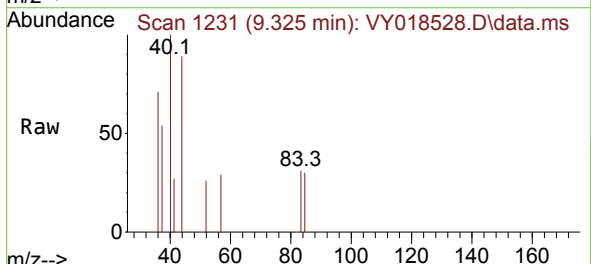
Instrument :
MSVOA_Y
ClientSampleId :

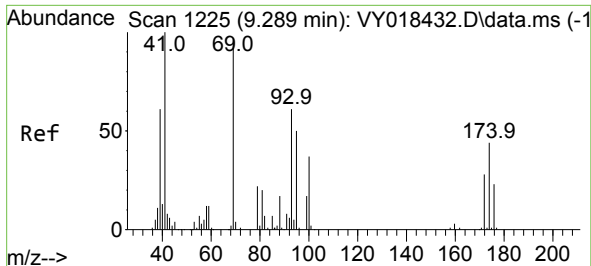
Tgt Ion: 93 Resp: 37
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#



#47
Bromodichloromethane
Concen: 1.020 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. -0.165 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

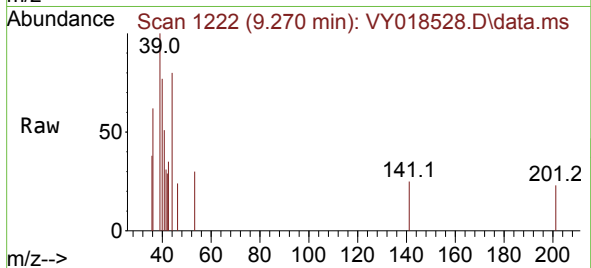
Tgt Ion: 83 Resp: 44
Ion Ratio Lower Upper
83 100
85 95.1 50.1 75.1#
127 0.0 7.4 11.0#



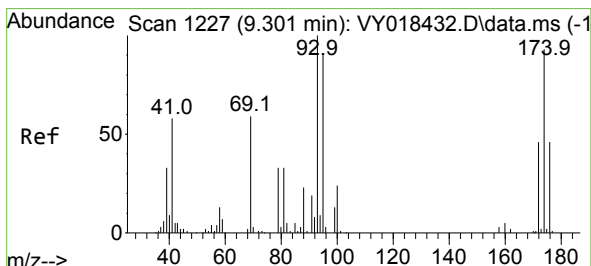
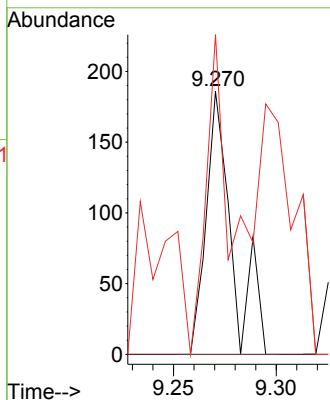
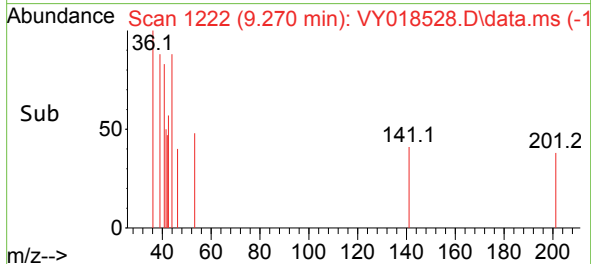


#48
Methyl methacrylate
Concen: 8.240 ug/l
RT: 9.270 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

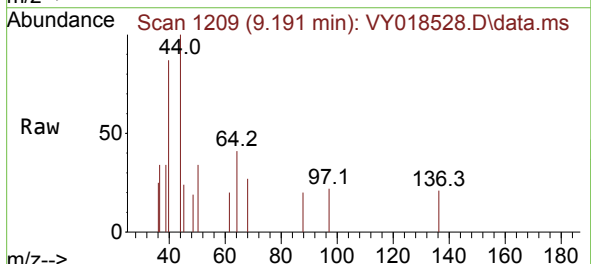
Instrument :
MSVOA_Y
ClientSampleId :



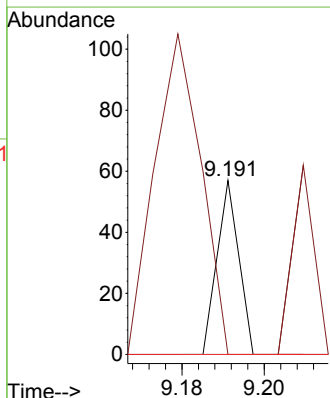
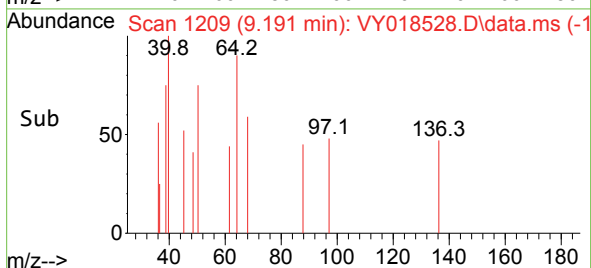
Tgt Ion: 41 Resp: 162
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 124.7 43.6 65.4#

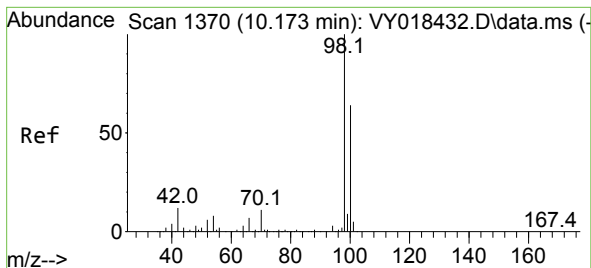


#49
1,4-Dioxane
Concen: 88.978 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.110 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39



Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 390.5 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 28.746 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

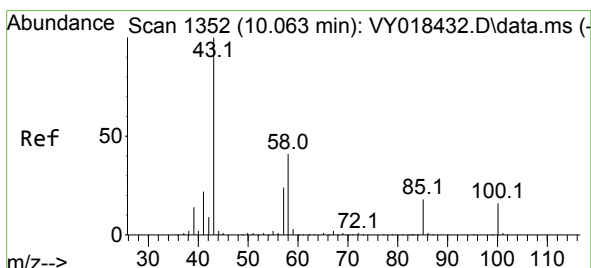
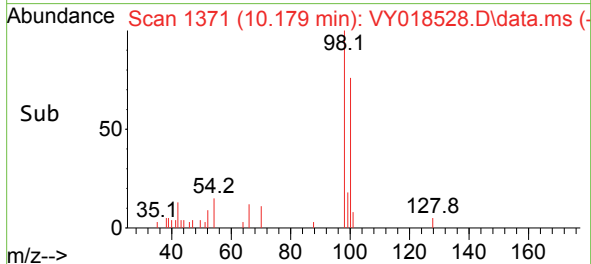
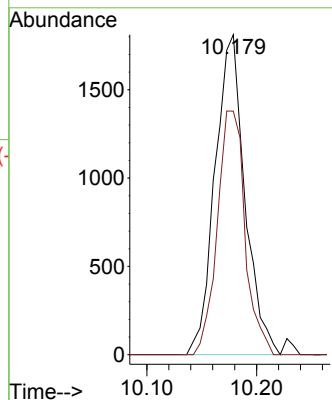
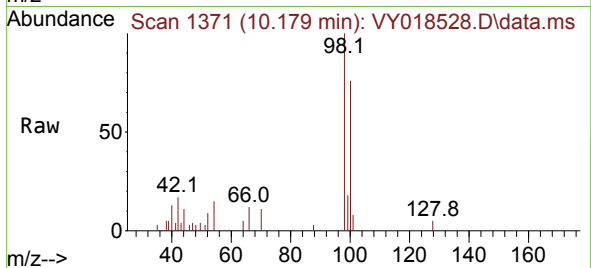
ClientSampleId :

Tgt Ion: 98 Resp: 3431

Ion Ratio Lower Upper

98 100

100 70.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 2.253 ug/l

RT: 9.904 min Scan# 1326

Delta R.T. -0.158 min

Lab File: VY018528.D

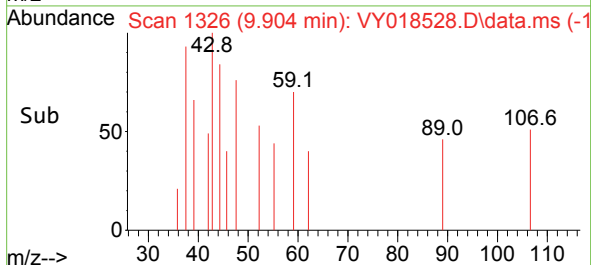
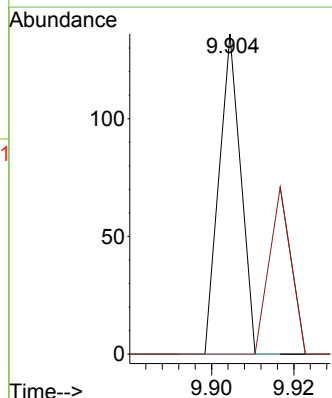
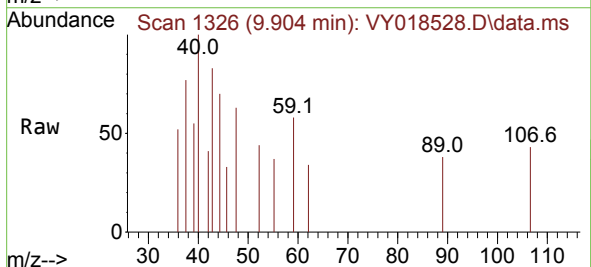
Acq: 07 Jun 2024 15:39

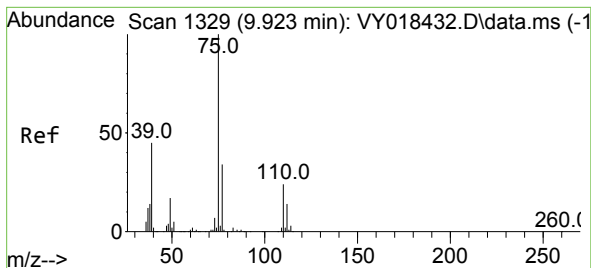
Tgt Ion: 43 Resp: 50

Ion Ratio Lower Upper

43 100

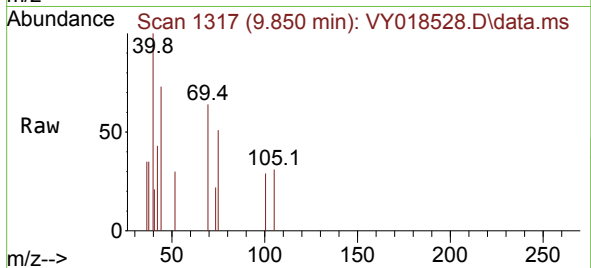
58 52.0 35.7 53.5



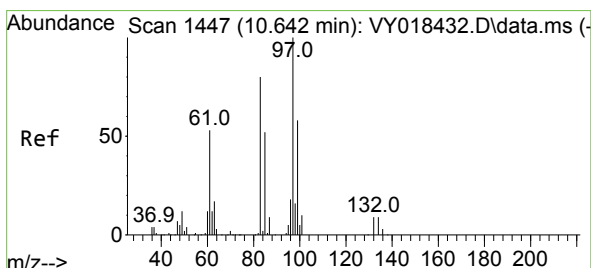
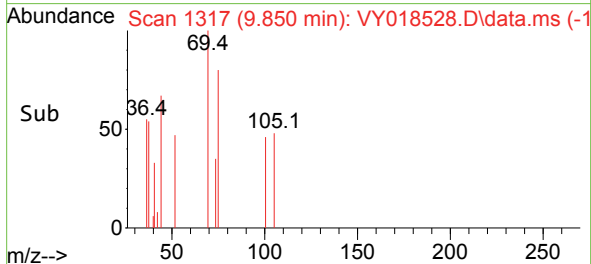
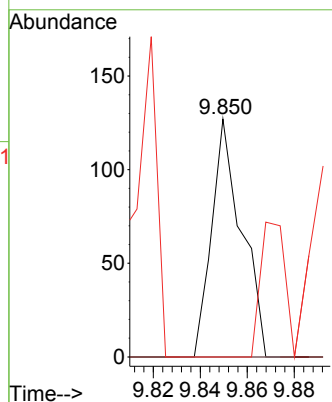


#54
cis-1,3-Dichloropropene
Concen: 2.296 ug/l
RT: 9.850 min Scan# 1112
Delta R.T. -0.073 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

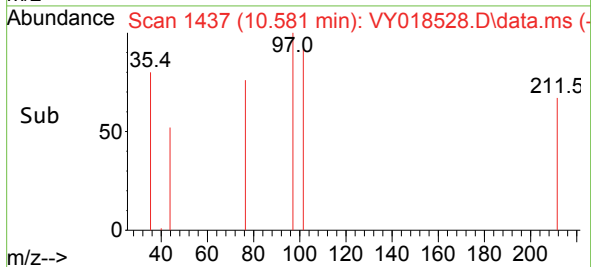
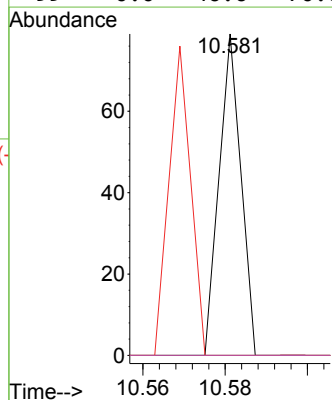
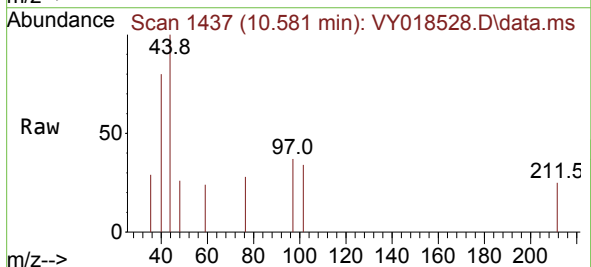


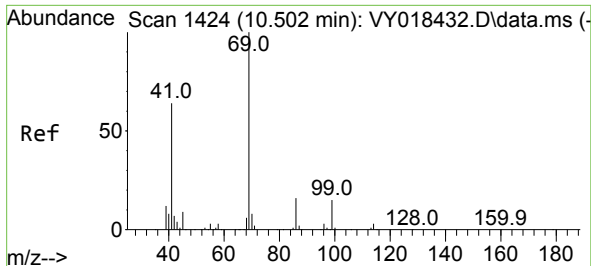
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	0.0	29.8	44.6#



#55
1,1,2-Trichloroethane
Concen: 1.240 ug/l
RT: 10.581 min Scan# 1437
Delta R.T. -0.061 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

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

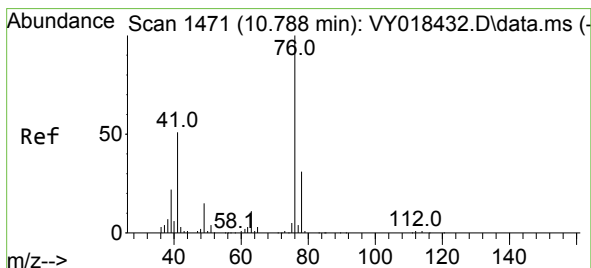
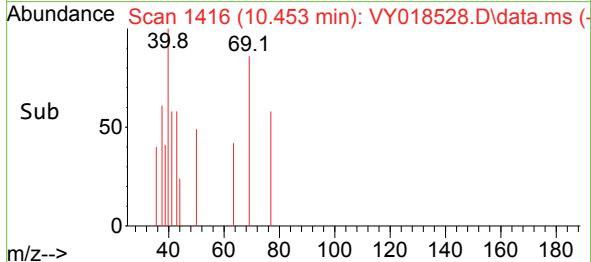
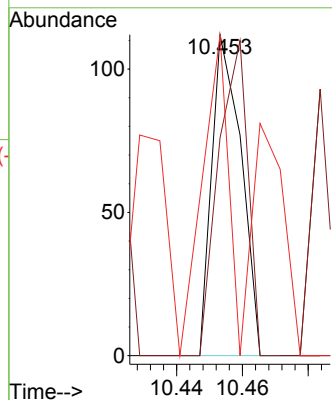
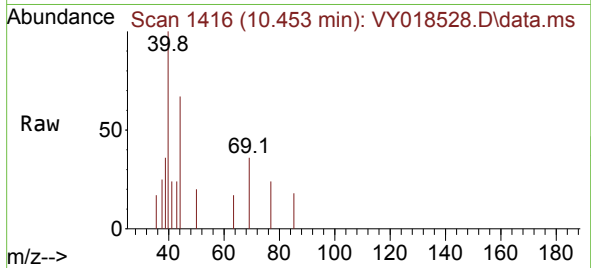




#56
Ethyl methacrylate
Concen: 2.097 ug/l
RT: 10.453 min Scan# 1416
Delta R.T. -0.049 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

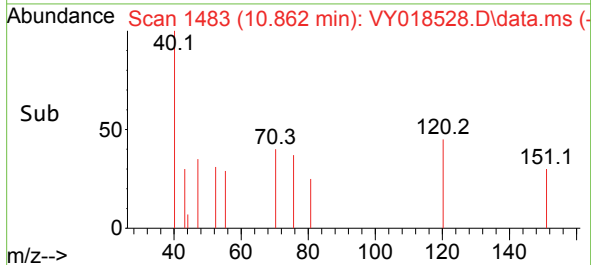
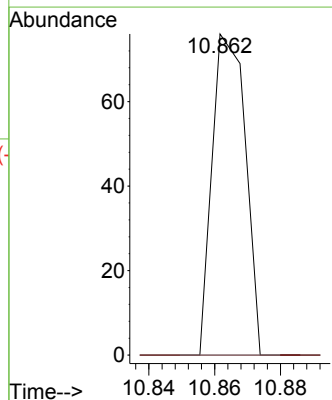
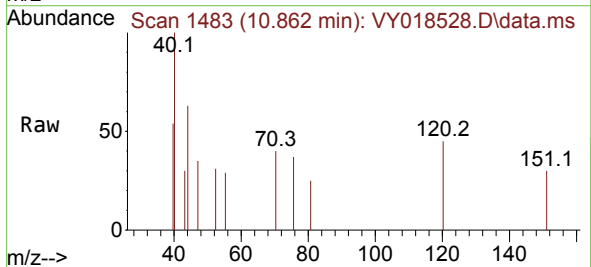
Instrument :
MSVOA_Y
ClientSampleId :

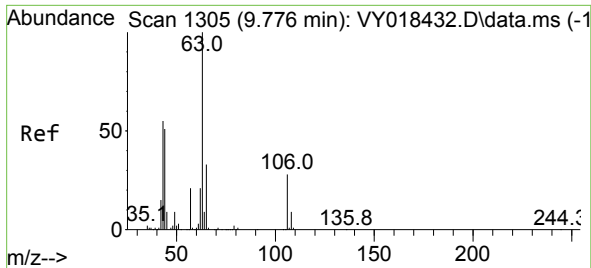
Tgt Ion: 69 Resp: 69
Ion Ratio Lower Upper
69 100
41 98.6 42.3 63.5#
39 88.4 22.9 34.3#



#57
1,3-Dichloropropane
Concen: 1.335 ug/l
RT: 10.862 min Scan# 1483
Delta R.T. 0.073 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.4#

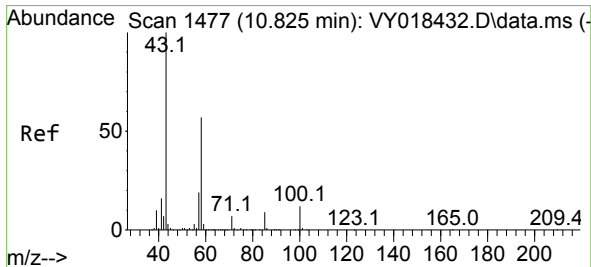
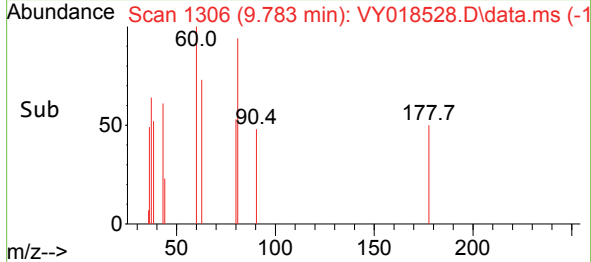
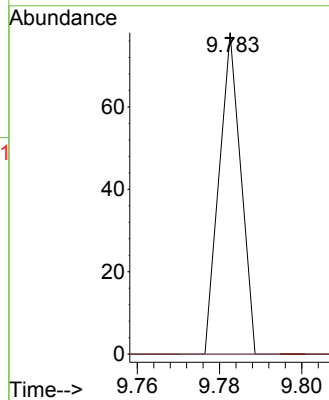
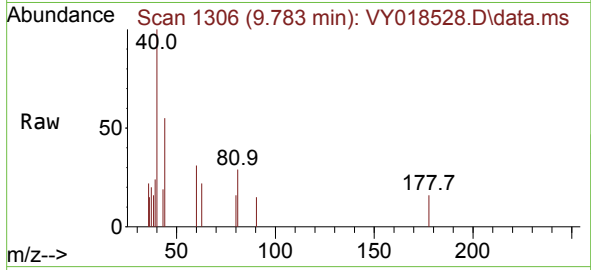




#58
2-Chloroethyl Vinyl ether
Concen: 1.641 ug/l
RT: 9.783 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

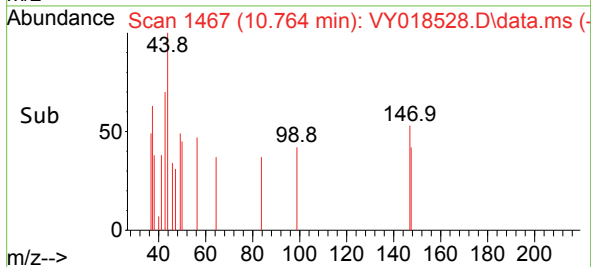
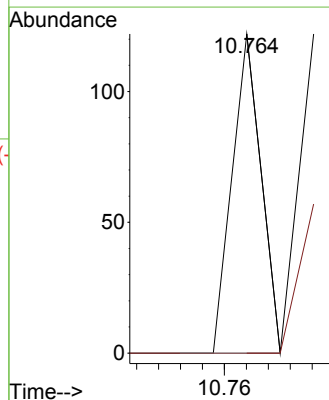
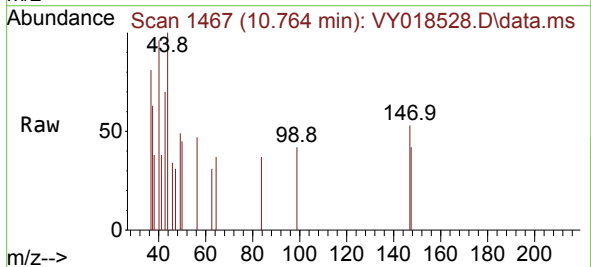
Instrument :
MSVOA_Y
ClientSampleId :

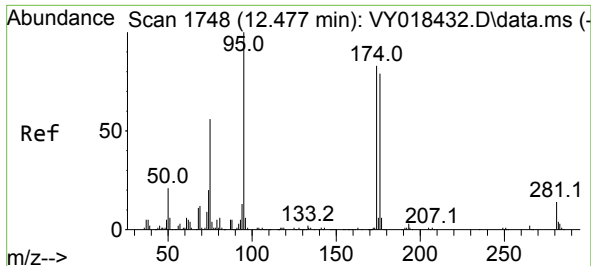
Tgt Ion: 63 Resp: 29
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 2.935 ug/l
RT: 10.764 min Scan# 1467
Delta R.T. -0.061 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

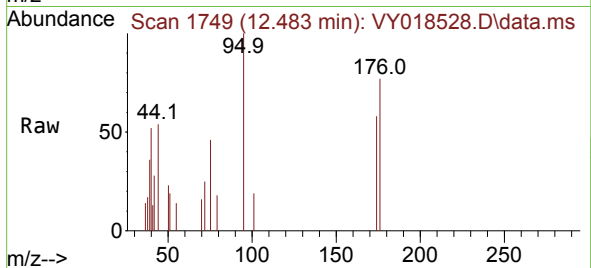
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 46.7 31.4 94.0



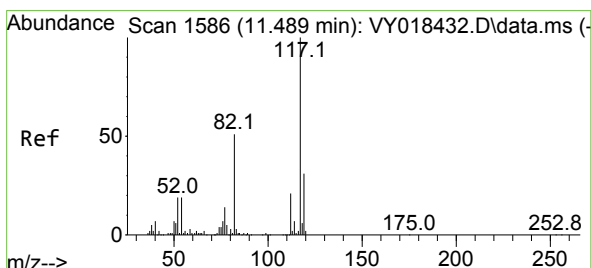
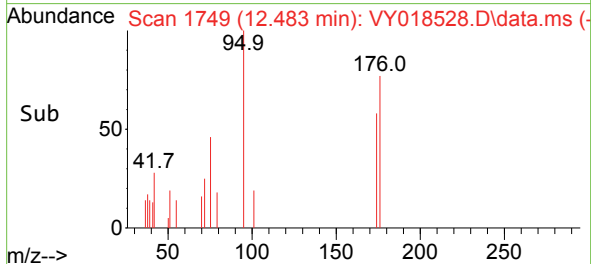
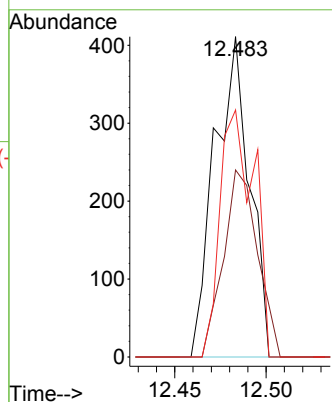


#62
4-Bromofluorobenzene
Concen: 14.638 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Instrument :
MSVOA_Y
ClientSampleId :

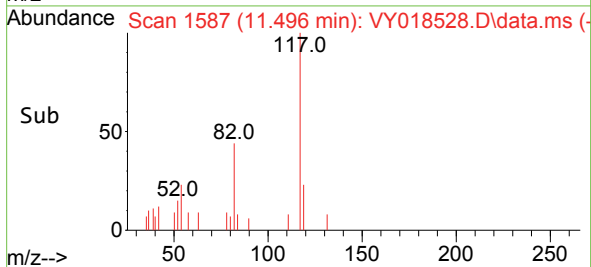
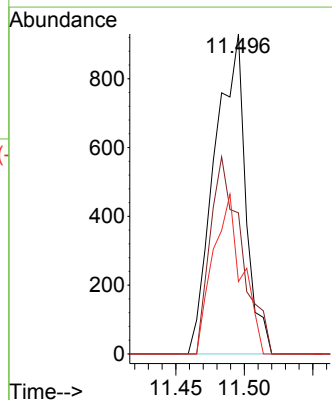
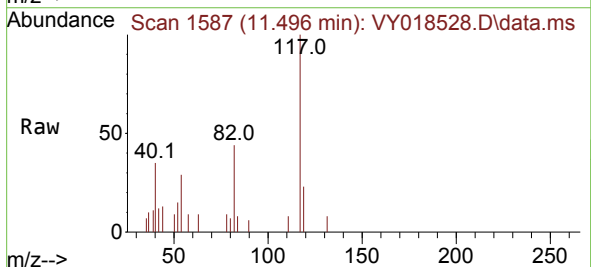


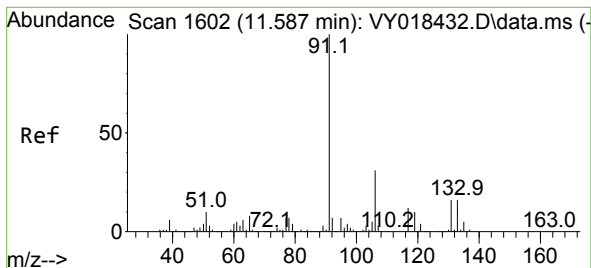
Tgt Ion: 95 Resp: 544
Ion Ratio Lower Upper
95 100
174 57.4 0.0 175.6
176 76.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 117 Resp: 1464
Ion Ratio Lower Upper
117 100
82 44.1 42.4 63.6
119 22.6 25.9 38.9#

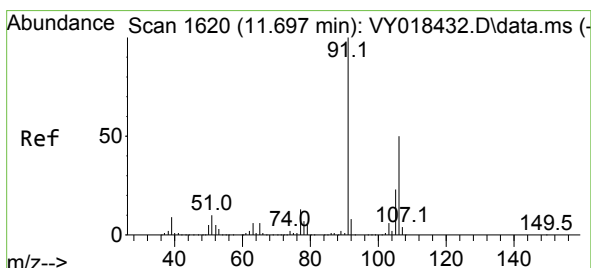
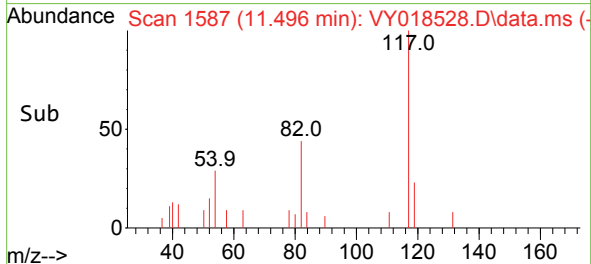
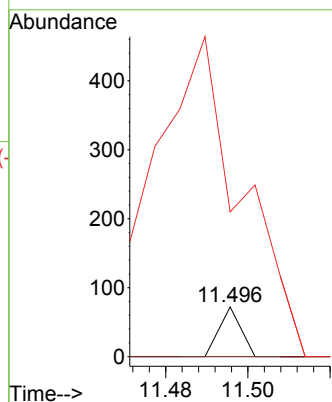
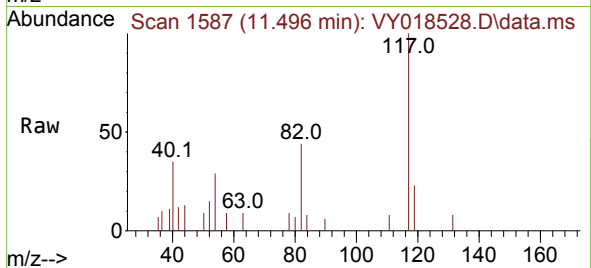




#66
1,1,1,2-Tetrachloroethane
Concen: 1.281 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.091 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

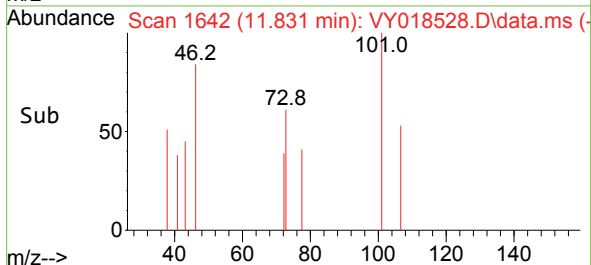
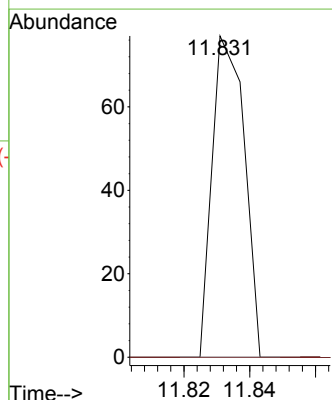
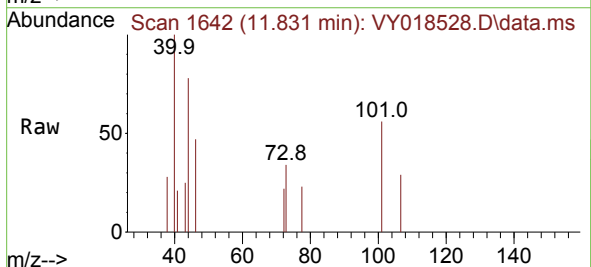
Instrument :
MSVOA_Y
ClientSampleId :

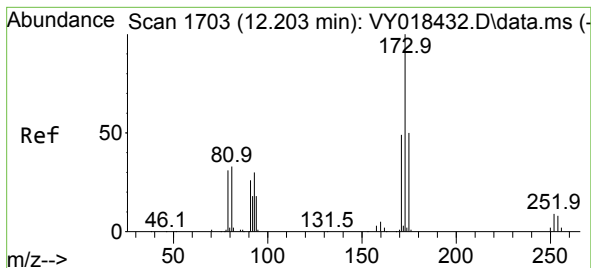
Tgt Ion:131 Resp: 26
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.3#
119 2630.8 34.1 102.2#



#68
m/p-Xylenes
Concen: 1.208 ug/l
RT: 11.831 min Scan# 1642
Delta R.T. 0.134 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion:106 Resp: 52
Ion Ratio Lower Upper
106 100
91 0.0 156.0 234.0#





#71

Bromoform

Concen: 2.618 ug/l

RT: 12.367 min Scan# 11

Delta R.T. 0.165 min

Lab File: VY018528.D

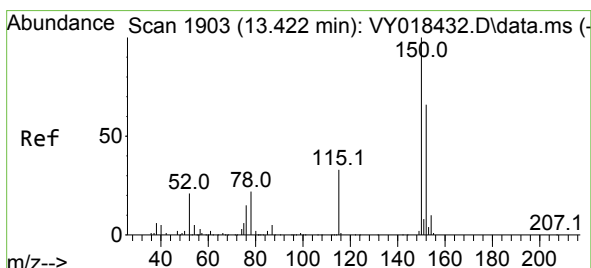
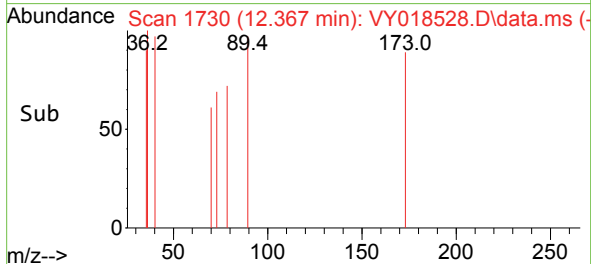
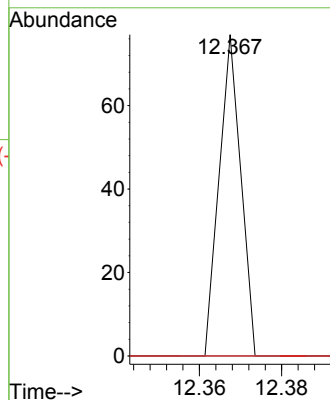
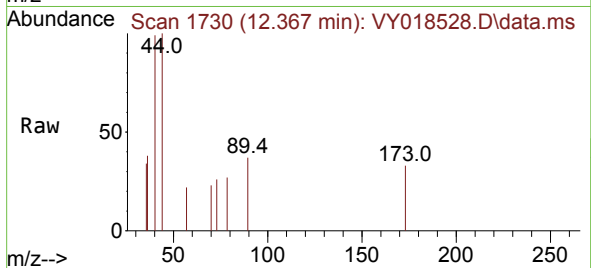
Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	28
Ion Ratio	Lower	Upper
173	100	
175	0.0	25.1
254	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

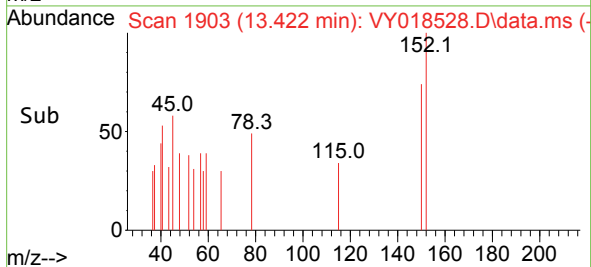
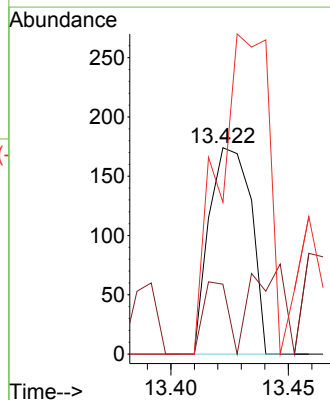
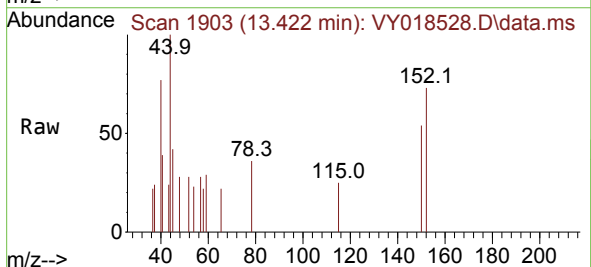
RT: 13.422 min Scan# 1903

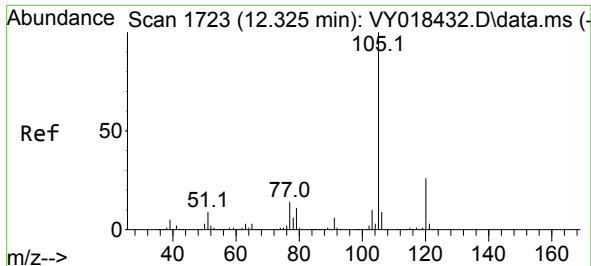
Delta R.T. 0.000 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

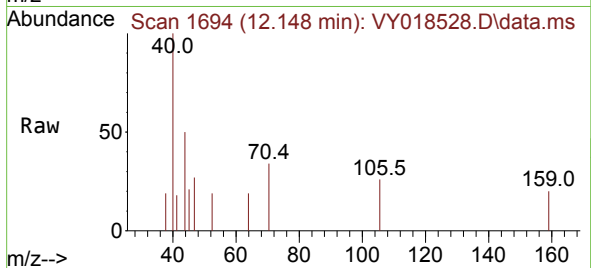
Tgt Ion:152	Resp:	215
Ion Ratio	Lower	Upper
152	100	
115	20.5	28.2
150	194.4	0.0



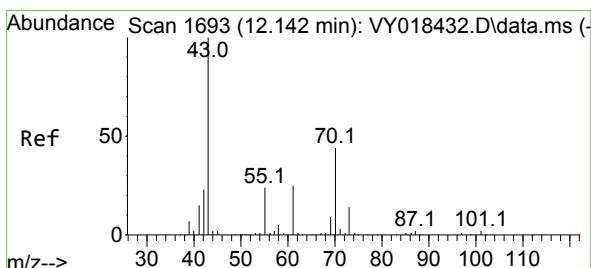
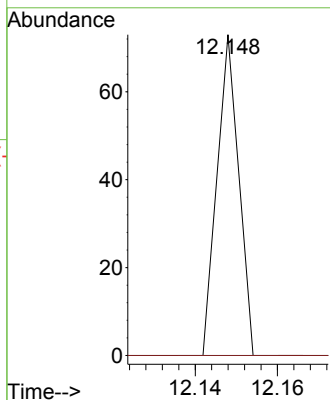
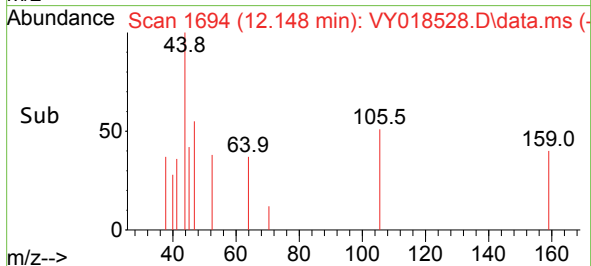


#73
Isopropylbenzene
Concen: 1.217 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.177 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

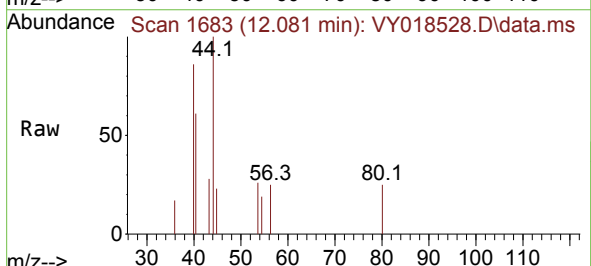
Instrument :
MSVOA_Y
ClientSampleId :



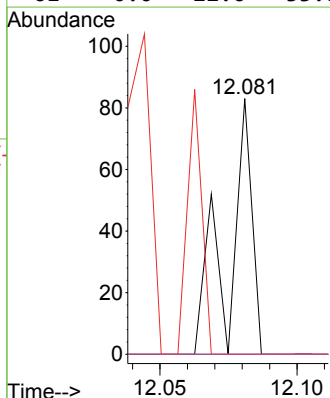
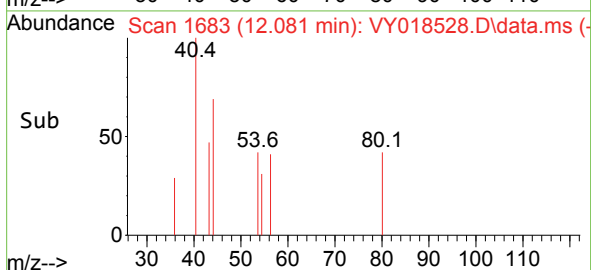
Tgt Ion:105 Resp: 27
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.1#

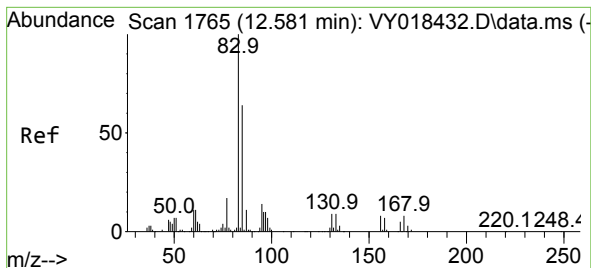


#74
N-ethyl acetate
Concen: 9.073 ug/l
RT: 12.081 min Scan# 1683
Delta R.T. -0.061 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39



Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 63.3 23.3 34.9#
61 0.0 22.6 33.8#

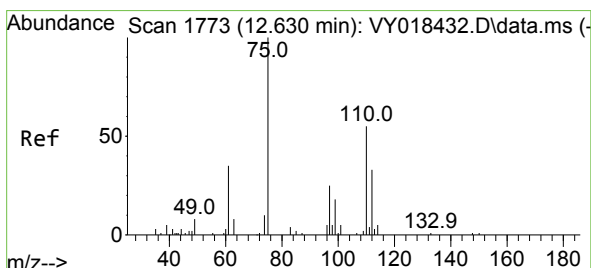
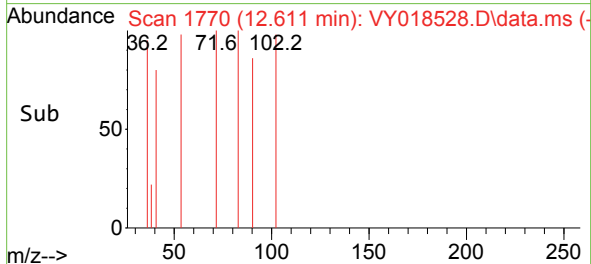
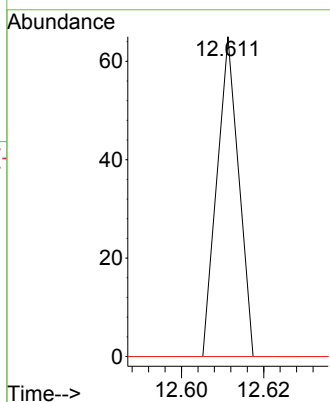
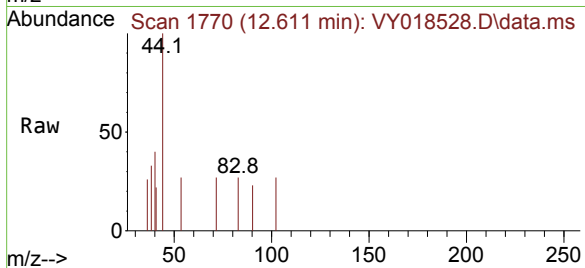




#75
1,1,2,2-Tetrachloroethane
Concen: 6.145 ug/l
RT: 12.611 min Scan# 1765
Delta R.T. 0.031 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

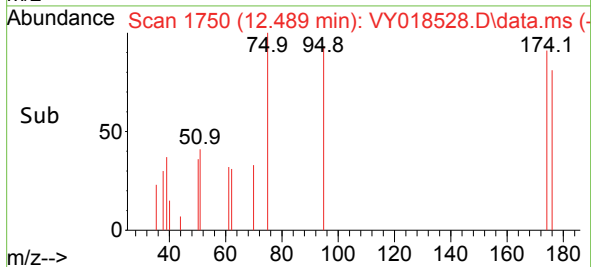
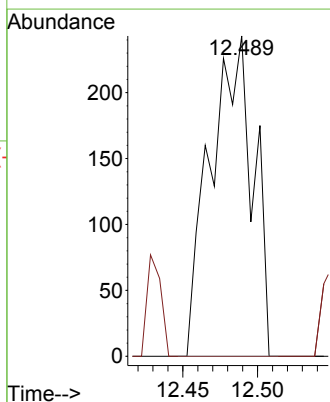
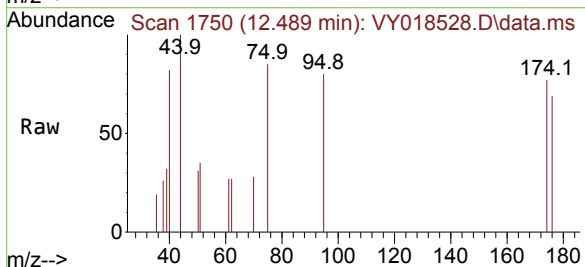
Instrument :
MSVOA_Y
ClientSampleId :

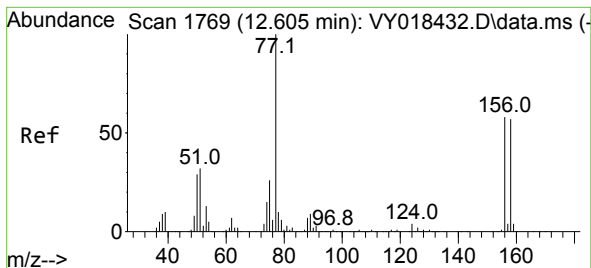
Tgt Ion: 83 Resp: 24
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 181.169 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 75 Resp: 483
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.033 ug/l

RT: 12.398 min Scan# 1

Delta R.T. -0.207 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

ClientSampleId :

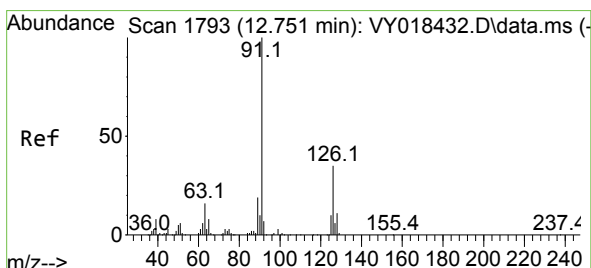
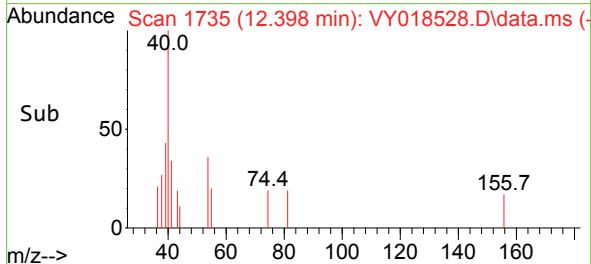
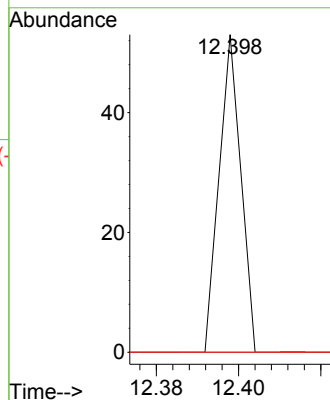
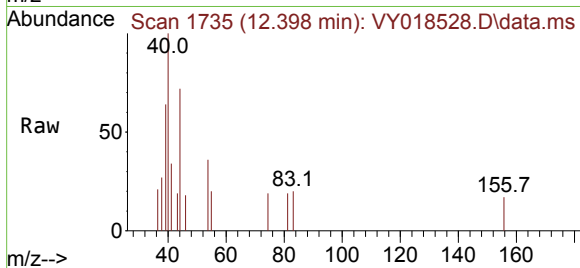
Tgt Ion:156 Resp: 19

Ion Ratio Lower Upper

156 100

77 0.0 87.1 261.3#

158 0.0 48.6 145.9#



#79

2-Chlorotoluene

Concen: 4.145 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.012 min

Lab File: VY018528.D

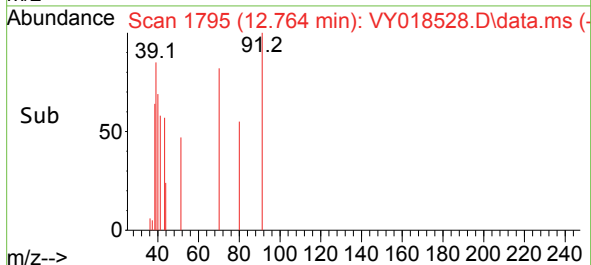
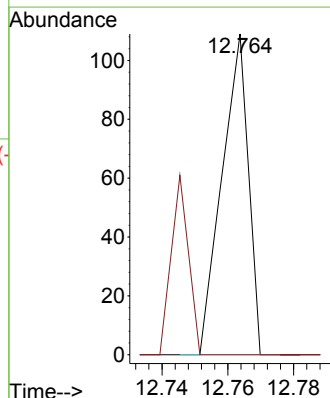
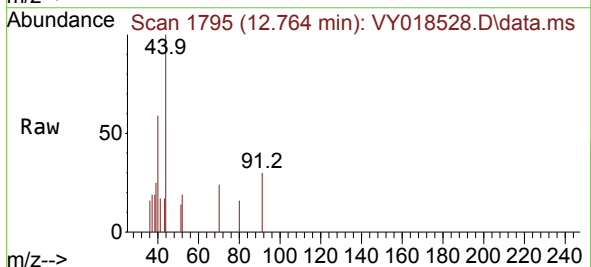
Acq: 07 Jun 2024 15:39

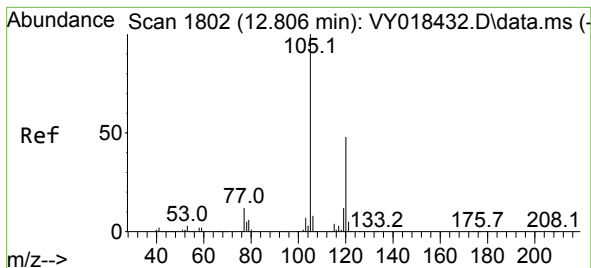
Tgt Ion: 91 Resp: 60

Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 1.389 ug/l

RT: 13.026 min Scan# 11

Delta R.T. 0.220 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

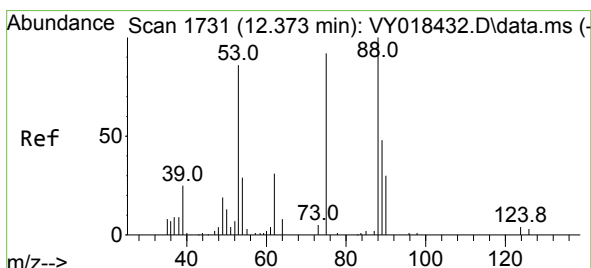
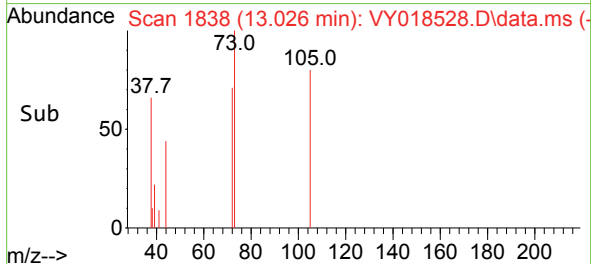
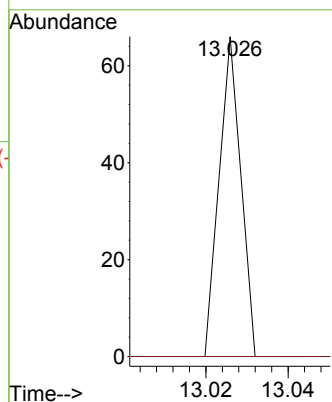
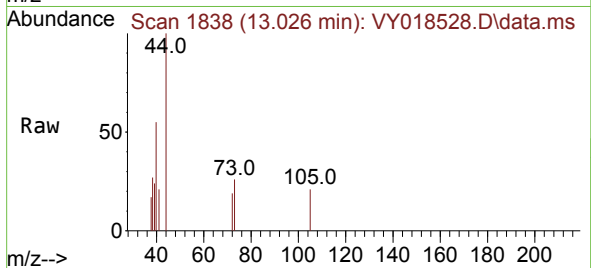
ClientSampleId :

Tgt Ion:105 Resp: 24

Ion Ratio Lower Upper

105 100

120 0.0 25.1 75.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 20.489 ug/l

RT: 12.294 min Scan# 1718

Delta R.T. -0.079 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

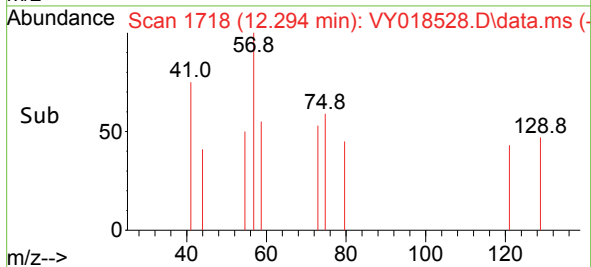
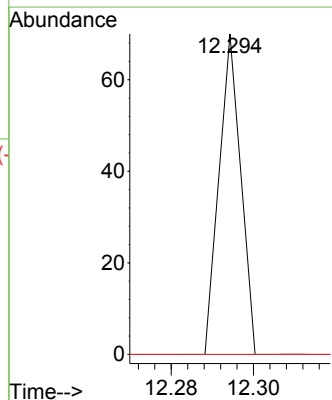
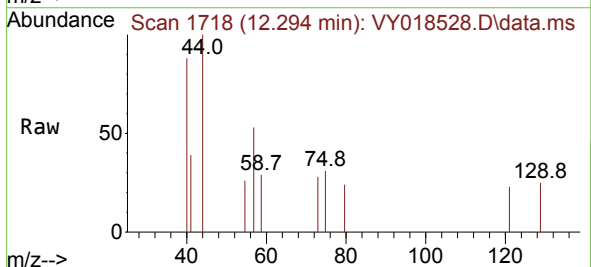
Tgt Ion: 75 Resp: 26

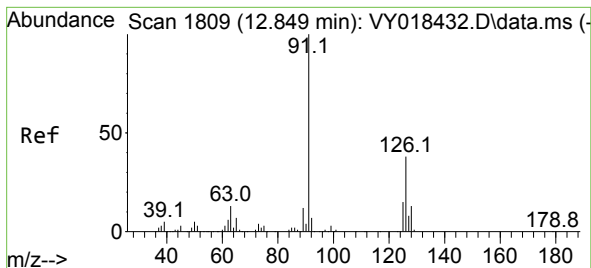
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

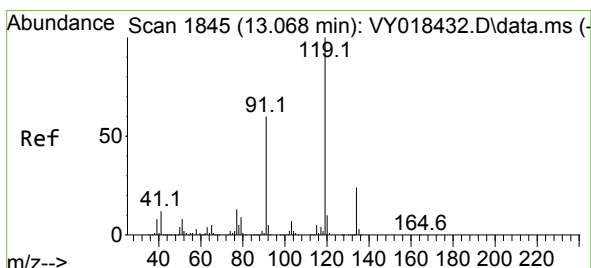
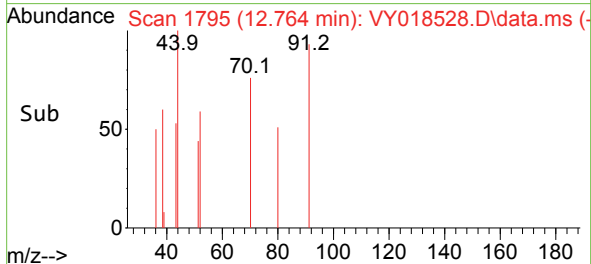
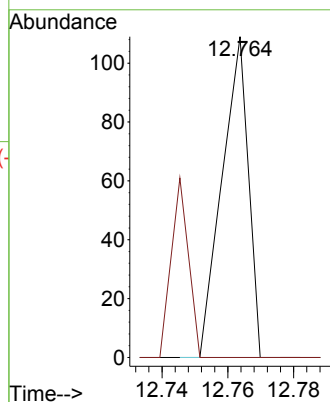
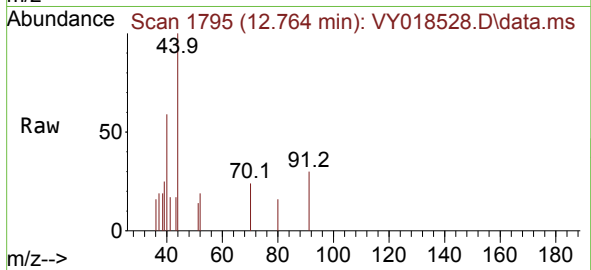




#82
4-Chlorotoluene
Concen: 4.119 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

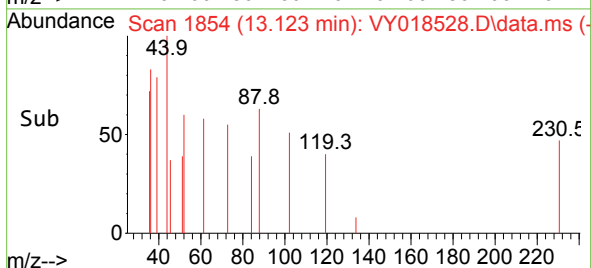
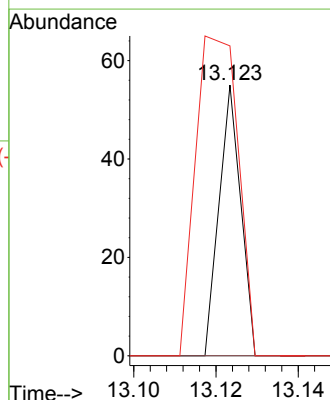
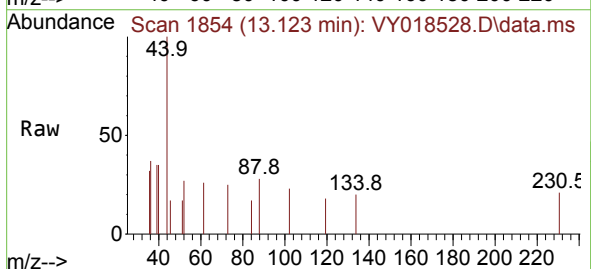
Instrument :
MSVOA_Y
ClientSampleId :

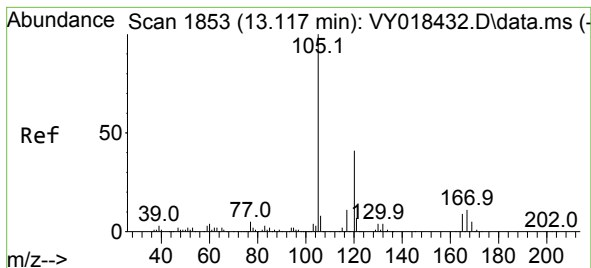
Tgt Ion: 91 Resp: 60
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.9



#83
tert-Butylbenzene
Concen: 1.252 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.055 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

Tgt Ion: 119 Resp: 20
Ion Ratio Lower Upper
119 100
91 0.0 31.3 93.8#
134 235.0 13.4 40.1#





#84

1,2,4-Trimethylbenzene

Concen: 1.419 ug/l

RT: 13.026 min Scan# 1838

Delta R.T. -0.091 min

Lab File: VY018528.D

Acq: 07 Jun 2024 15:39

Instrument :

MSVOA_Y

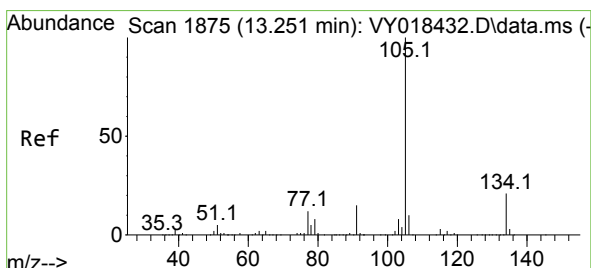
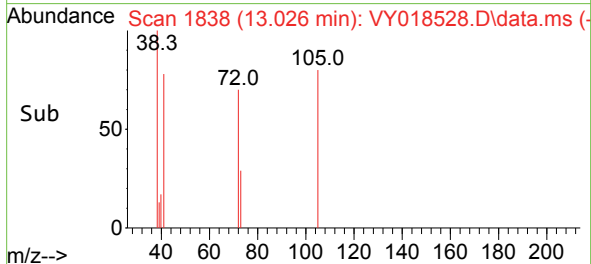
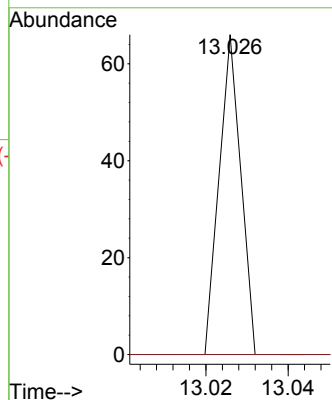
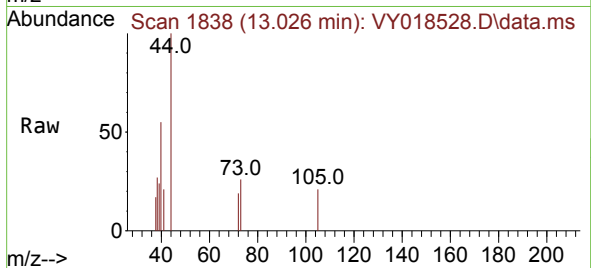
ClientSampleId :

Tgt Ion:105 Resp: 24

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#



#85

sec-Butylbenzene

Concen: 1.020 ug/l

RT: 13.026 min Scan# 1838

Delta R.T. -0.225 min

Lab File: VY018528.D

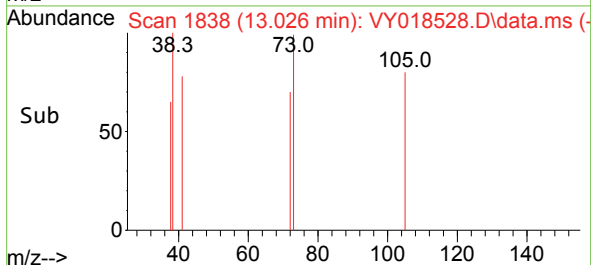
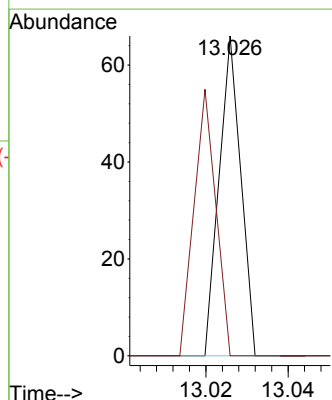
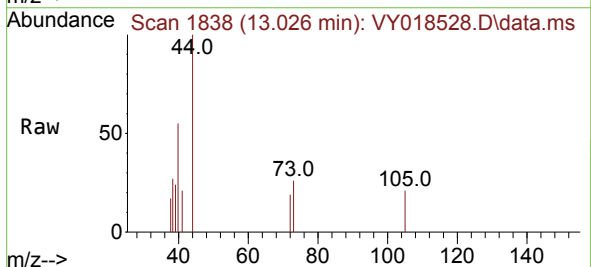
Acq: 07 Jun 2024 15:39

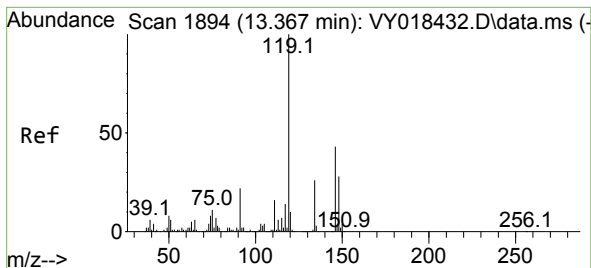
Tgt Ion:105 Resp: 24

Ion Ratio Lower Upper

105 100

134 83.3 10.1 30.1#

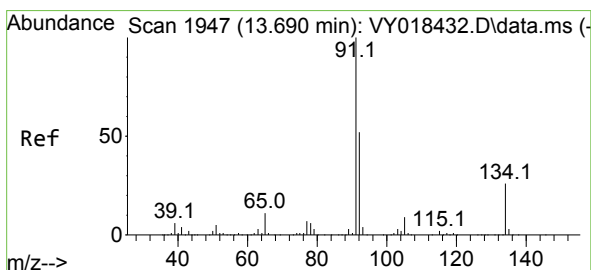
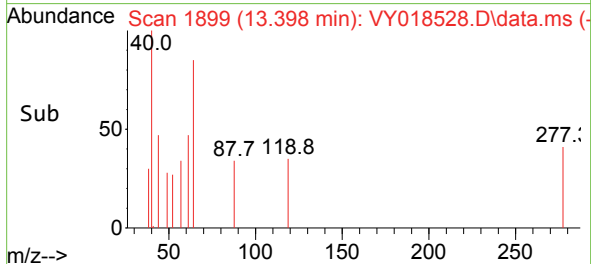
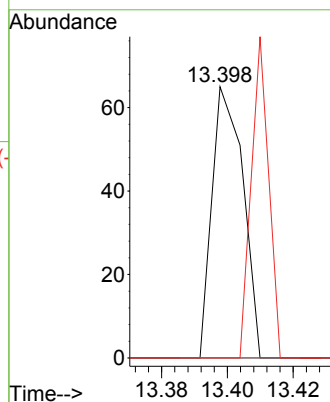
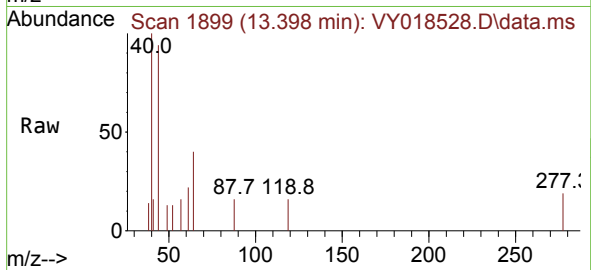




#86
p-Isopropyltoluene
Concen: 2.211 ug/l
RT: 13.398 min Scan# 119
Delta R.T. 0.031 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

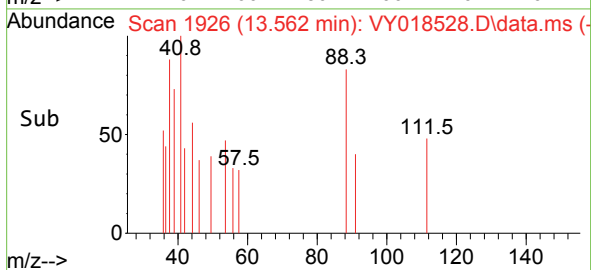
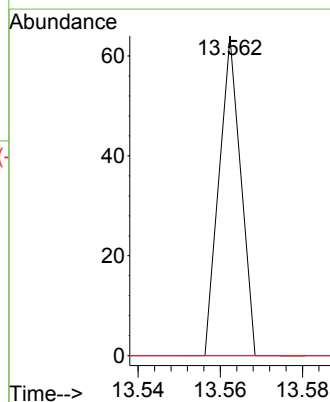
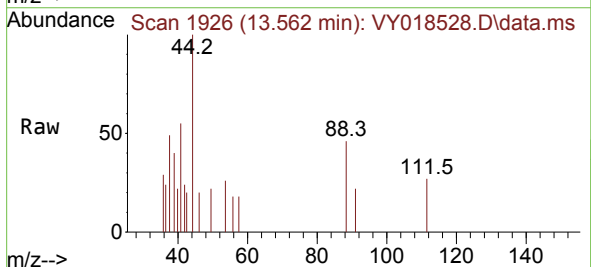
Instrument :
MSVOA_Y
ClientSampleId :

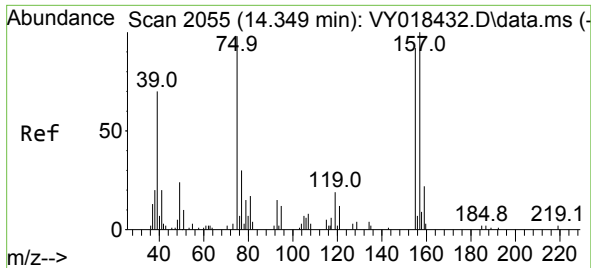
Tgt Ion:119 Resp: 42
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 66.7 10.7 32.1#



#89
n-Butylbenzene
Concen: 1.274 ug/l
RT: 13.562 min Scan# 1926
Delta R.T. -0.128 min
Lab File: VY018528.D
Acq: 07 Jun 2024 15:39

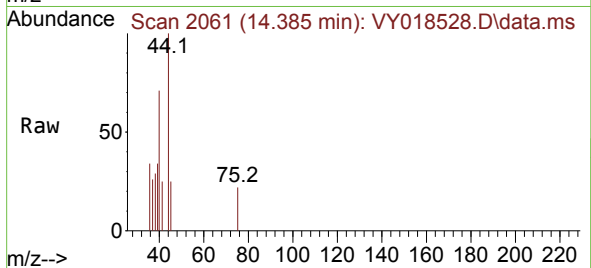
Tgt Ion: 91 Resp: 23
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.7#
134 0.0 12.9 38.7#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 33.652 ug/l
 RT: 14.385 min Scan# 20
 Delta R.T. 0.037 min
 Lab File: VY018528.D
 Acq: 07 Jun 2024 15:39

Instrument :
 MSVOA_Y
 ClientSampleId :



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#

