

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018145.D
 Acq On : 03 May 2024 16:09
 Operator : SY/MD
 Sample : P2362-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:59:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	1834	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1596	110.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 220.800%#	
35) Dibromofluoromethane	7.710	113	1587	62.564	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.120%	
50) Toluene-d8	10.179	98	4910	49.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.483	95	1403	41.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.340%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.888	85	23	1.571	ug/l #	43
3) Chloromethane	2.107	50	249	13.017	ug/l #	43
4) Vinyl Chloride	2.223	62	82	3.962	ug/l #	42
5) Bromomethane	2.668	94	208	16.283	ug/l #	52
6) Chloroethane	2.802	64	63	4.888	ug/l #	1
7) Trichlorofluoromethane	3.332	101	102	3.702	ug/l #	20
8) Diethyl Ether	3.430	74	32	3.617	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.076	101	19	1.105	ug/l #	19
10) Methyl Iodide	4.113	142	124	5.441	ug/l #	45
11) Tert butyl alcohol	4.930	59	40	33.950	ug/l #	88
12) 1,1-Dichloroethene	3.851	96	48	2.738	ug/l #	1
13) Acrolein	3.741	56	147	83.826	ug/l #	15
14) Allyl chloride	4.460	41	143	6.169	ug/l #	6
15) Acrylonitrile	5.210	53	98	29.491	ug/l #	51
16) Acetone	3.960	43	423	153.596	ug/l #	36
17) Carbon Disulfide	4.174	76	78	1.490	ug/l #	76
18) Methyl Acetate	4.473	43	219	31.050	ug/l #	46
19) Methyl tert-butyl Ether	5.186	73	50	1.243	ug/l #	54
20) Methylene Chloride	4.722	84	82	4.249	ug/l #	12
21) trans-1,2-Dichloroethene	5.210	96	142	7.618	ug/l #	19
22) Diisopropyl ether	6.112	45	75	1.571	ug/l #	1
23) Vinyl Acetate	6.051	43	141	4.656	ug/l #	67
24) 1,1-Dichloroethane	6.021	63	63	2.185	ug/l #	80
25) 2-Butanone	6.996	43	275	64.186	ug/l #	41
26) 2,2-Dichloropropane	6.740	77	96	3.560	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	53	2.384	ug/l #	64
28) Bromochloromethane	7.350	49	20	1.717	ug/l #	6
29) Tetrahydrofuran	7.350	42	210	77.100	ug/l #	49
30) Chloroform	7.454	83	40	1.311	ug/l #	17
31) Cyclohexane	7.777	56	231	8.340	ug/l #	89
32) 1,1,1-Trichloroethane	7.728	97	55	1.975	ug/l #	25
36) 1,1-Dichloropropene	7.777	75	179	5.286	ug/l #	28
37) Ethyl Acetate	6.960	43	283	19.206	ug/l	98
39) Methylcyclohexane	9.191	83	54	1.086	ug/l #	66
41) Methacrylonitrile	7.332	41	175	20.139	ug/l #	33
43) Isopropyl Acetate	8.271	43	282	9.110	ug/l #	73

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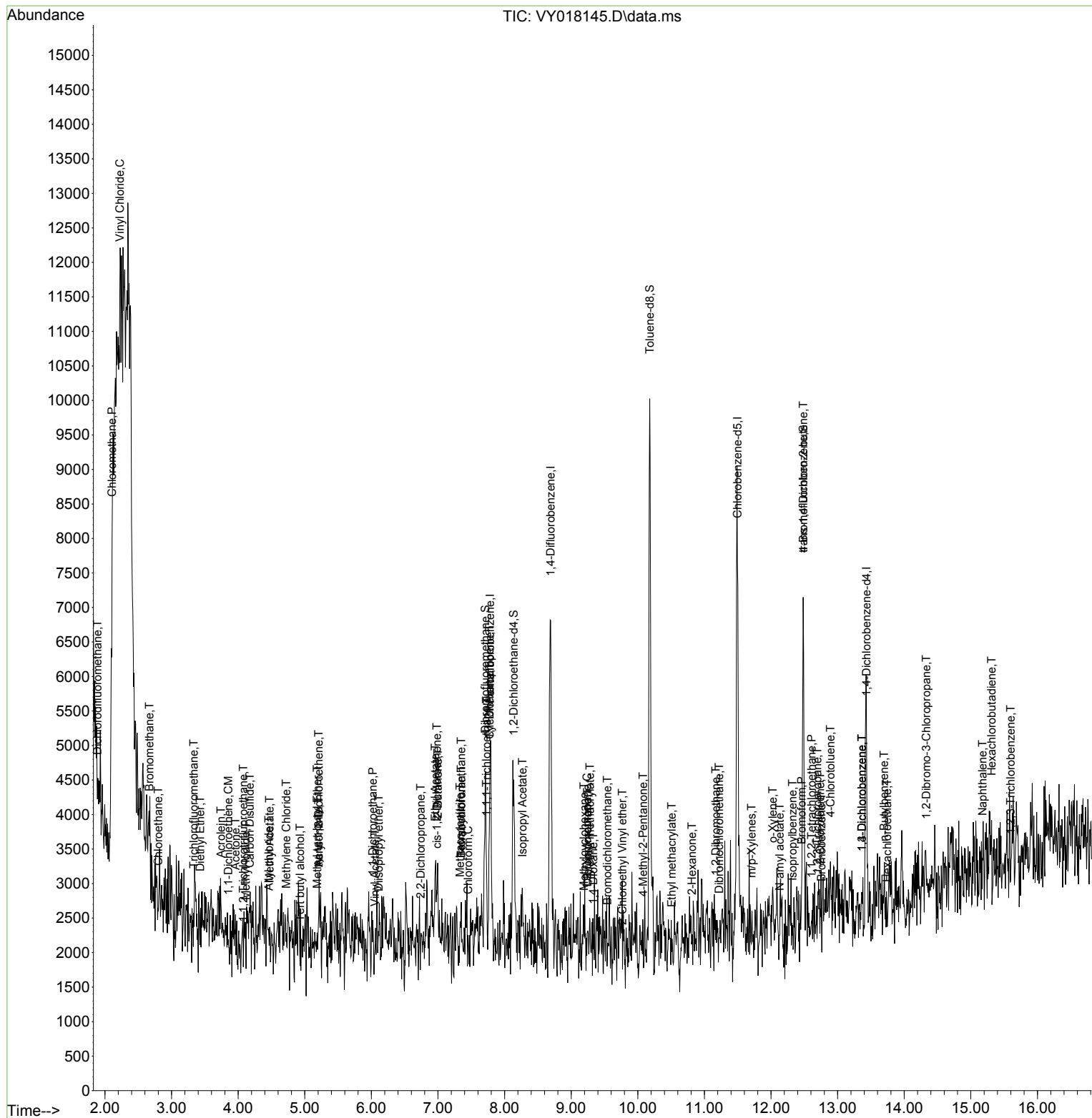
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.240	63	34	1.432	ug/l #	43
46) Dibromomethane	9.246	93	56	3.880	ug/l #	26
47) Bromodichloromethane	9.545	83	46	1.298	ug/l #	26
48) Methyl methacrylate	9.283	41	273	19.265	ug/l #	54
49) 1,4-Dioxane	9.331	88	19	118.656	ug/l #	20
51) 4-Methyl-2-Pentanone	10.081	43	201	13.294	ug/l #	48
56) Ethyl methacrylate	10.508	69	63	2.295	ug/l #	33
58) 2-Chloroethyl Vinyl ether	9.770	63	22	1.717	ug/l #	45
59) 2-Hexanone	10.813	43	54	5.004	ug/l	88
60) Dibromochloromethane	11.221	129	45	1.707	ug/l #	10
61) 1,2-Dibromoethane	11.173	107	31	1.667	ug/l #	2
68) m/p-Xylenes	11.709	106	89	1.605	ug/l #	43
69) o-Xylene	12.026	106	76	1.427	ug/l	73
71) Bromoform	12.459	173	24	1.476	ug/l #	27
73) Isopropylbenzene	12.325	105	101	1.312	ug/l #	48
74) N-ethyl acetate	12.130	43	60	3.551	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.611	83	24	1.959	ug/l #	26
76) 1,2,3-Trichloropropane	12.697	75	61	7.105	ug/l #	100
77) Bromobenzene	12.758	156	19	1.039	ug/l #	1
79) 2-Chlorotoluene	12.739	91	94	1.867	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.483	75	707	150.018	ug/l #	26
82) 4-Chlorotoluene	12.892	91	175	3.392	ug/l #	39
87) 1,3-Dichlorobenzene	13.367	146	44	1.257	ug/l #	46
88) 1,4-Dichlorobenzene	13.367	146	44	1.276	ug/l #	44
89) n-Butylbenzene	13.696	91	146	2.428	ug/l #	47
90) Hexachloroethane	13.745	117	40	2.898	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.330	75	44	23.808	ug/l #	1
94) Hexachlorobutadiene	15.312	225	20	2.120	ug/l #	19
95) Naphthalene	15.178	128	46	1.466	ug/l #	35
96) 1,2,3-Trichlorobenzene	15.599	180	23	1.617	ug/l #	12

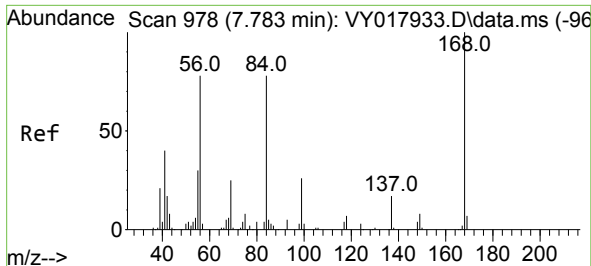
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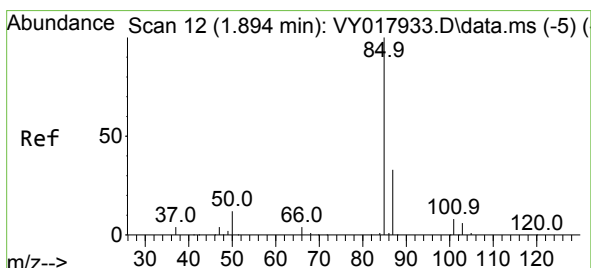
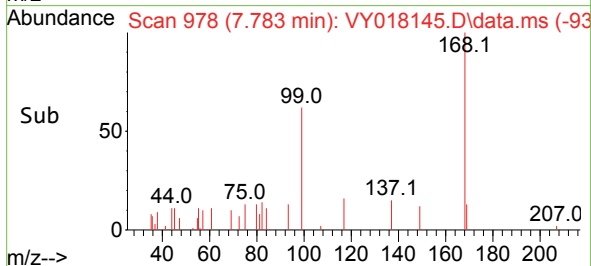
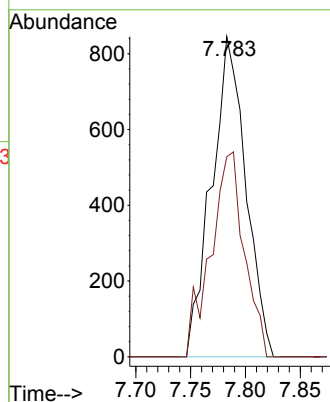
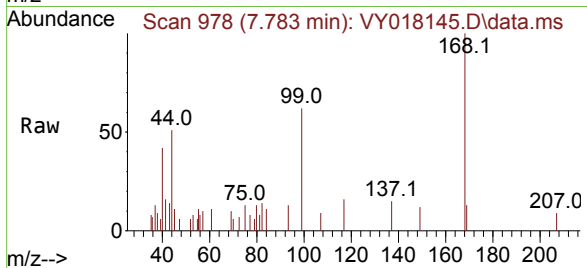




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018145.D
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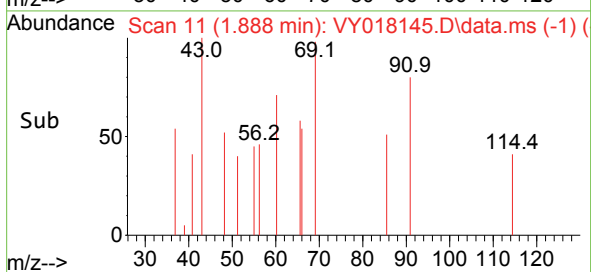
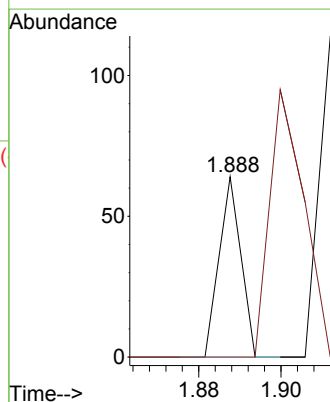
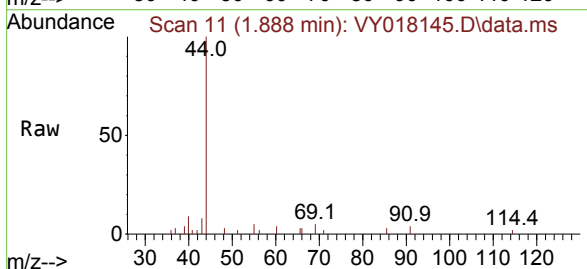
Instrument :
MSVOA_Y
ClientSampleId :

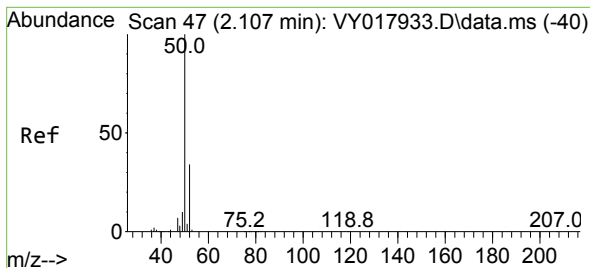
Tgt Ion:168 Resp: 1834
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 1.571 ug/l
RT: 1.888 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

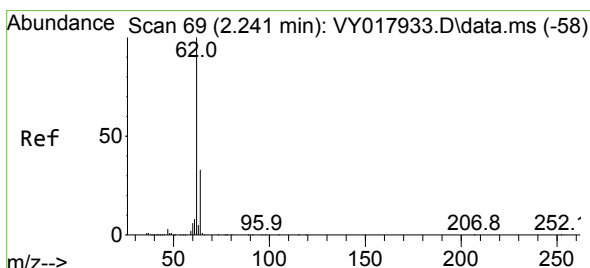
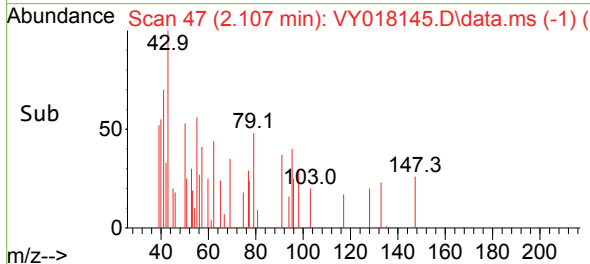
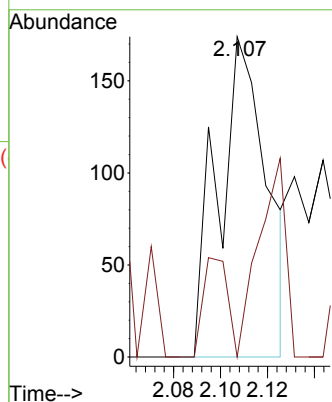
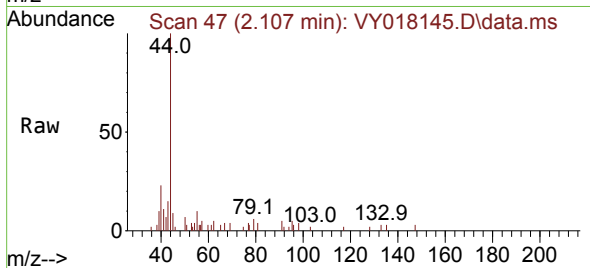




#3
Chloromethane
Concen: 13.017 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

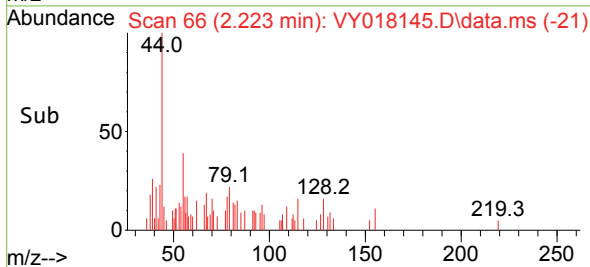
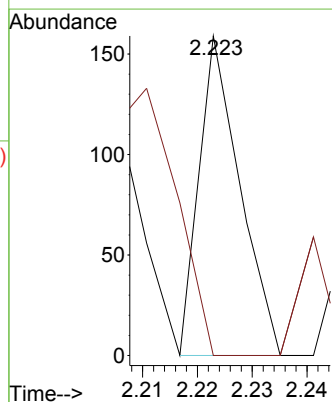
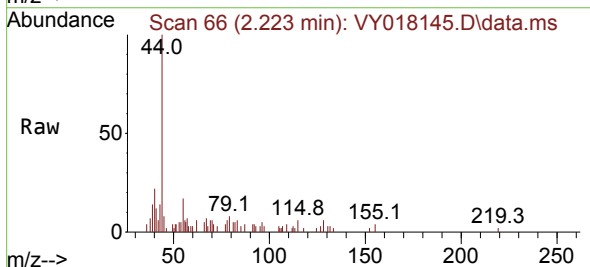
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MSVOA_Y
ClientSampleId :

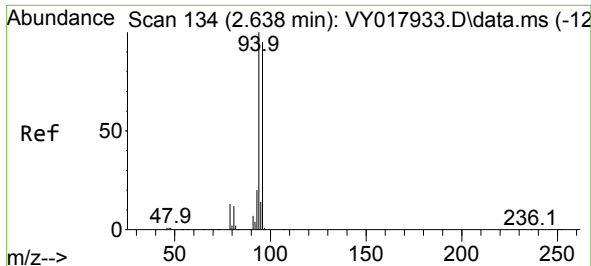
Tgt Ion: 50 Resp: 249
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#



#4
Vinyl Chloride
Concen: 3.962 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.024 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 62 Resp: 82
Ion Ratio Lower Upper
62 100
64 0.0 26.1 39.1#

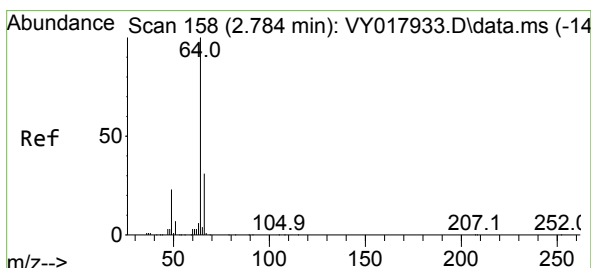
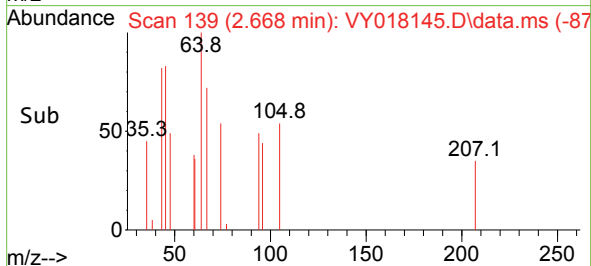
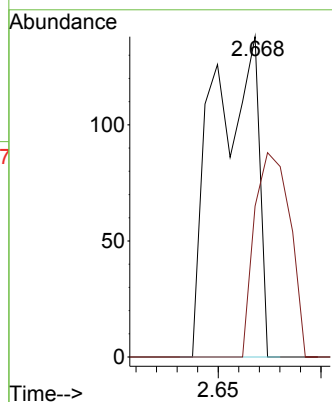
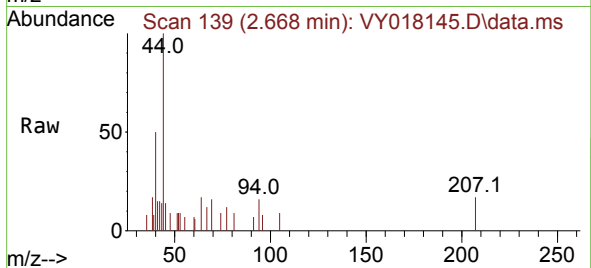




#5
Bromomethane
Concen: 16.283 ug/l
RT: 2.668 min Scan# 111
Delta R.T. 0.019 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

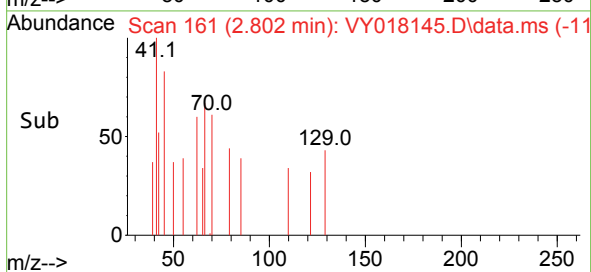
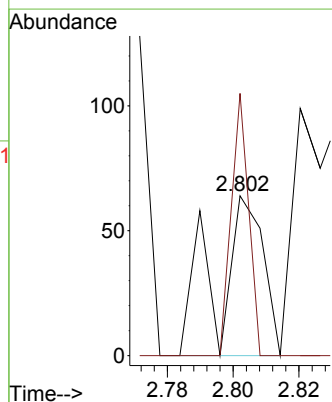
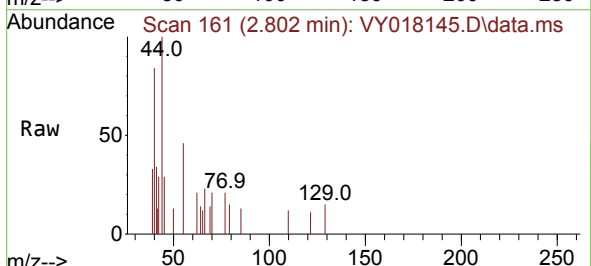
Instrument :
MSVOA_Y
ClientSampleId :

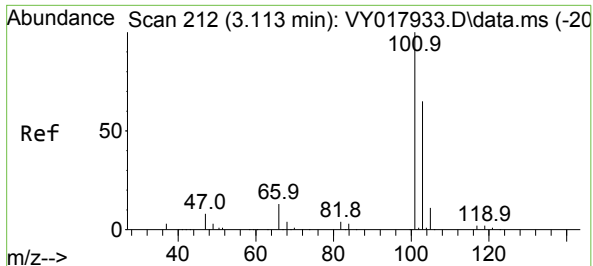
Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 47.1 74.1 111.1#



#6
Chloroethane
Concen: 4.888 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 64 Resp: 63
Ion Ratio Lower Upper
64 100
66 164.1 26.1 39.1#

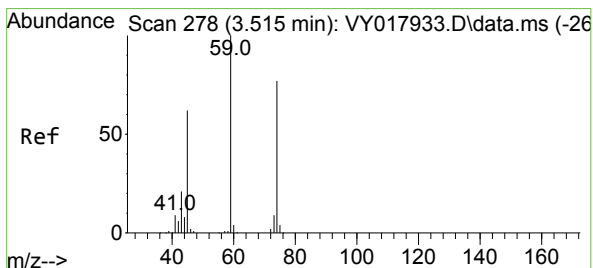
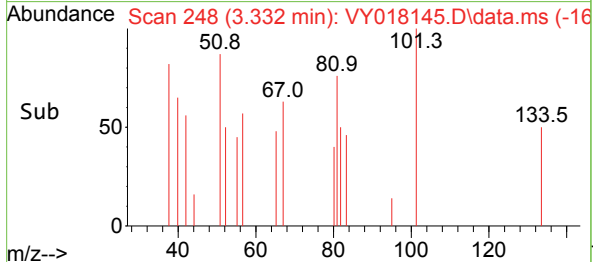
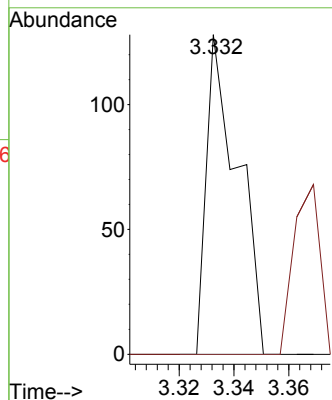
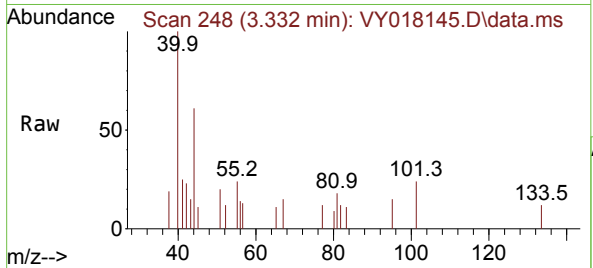




#7
Trichlorofluoromethane
Concen: 3.702 ug/l
RT: 3.332 min Scan# 248
Delta R.T. 0.207 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

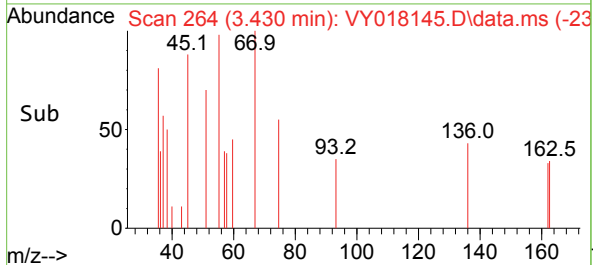
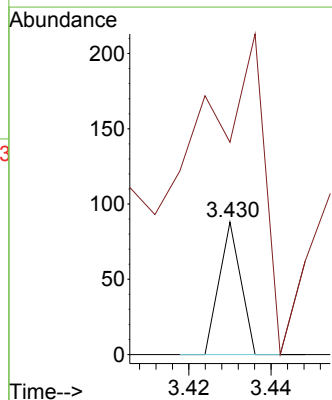
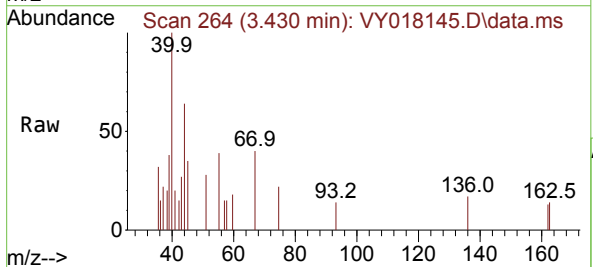
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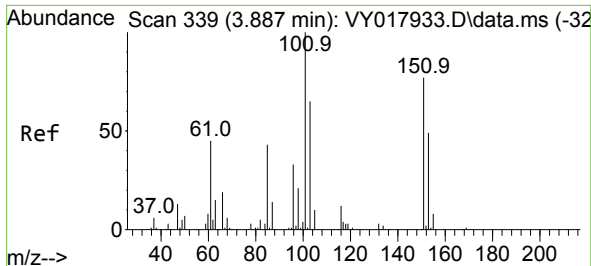
Tgt Ion:101 Resp: 102
Ion Ratio Lower Upper
101 100
103 0.0 49.3 73.9#



#8
Diethyl Ether
Concen: 3.617 ug/l
RT: 3.430 min Scan# 264
Delta R.T. -0.097 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

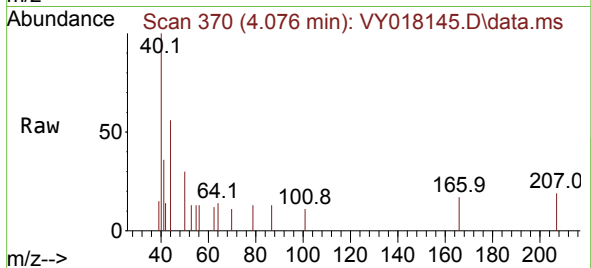
Tgt Ion: 74 Resp: 32
Ion Ratio Lower Upper
74 100
45 1043.8 41.3 124.1#



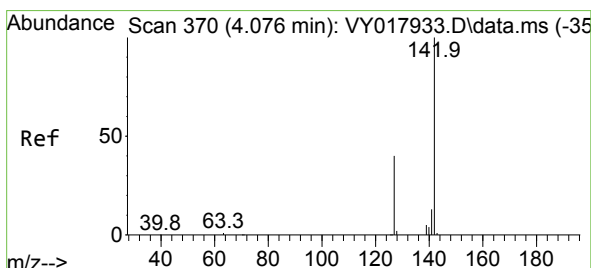
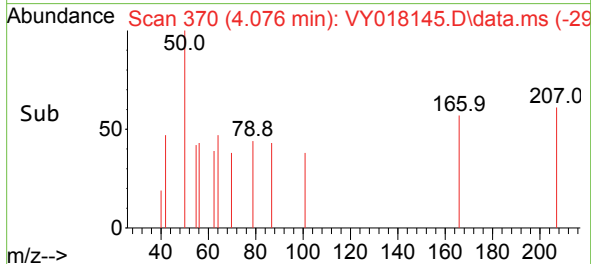
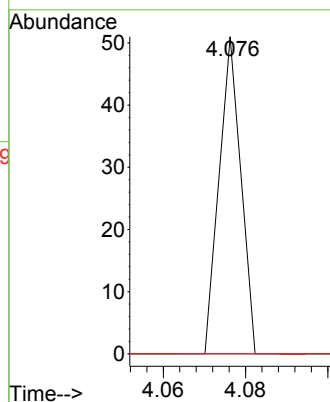


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.105 ug/l
RT: 4.076 min Scan# 31
Delta R.T. 0.177 min
Lab File: VY018145.D
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Instrument :
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ClientSampleId :

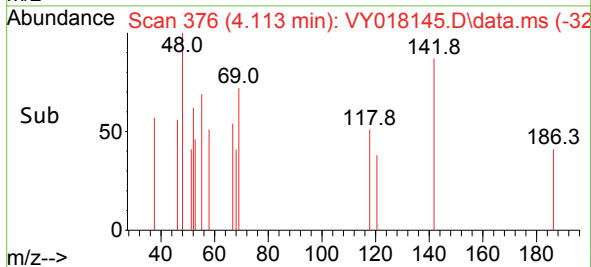
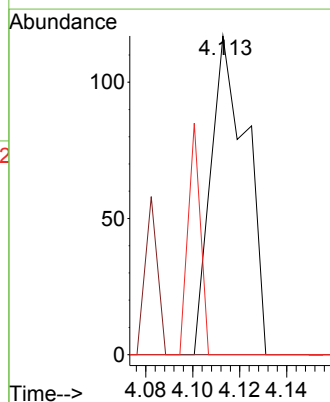
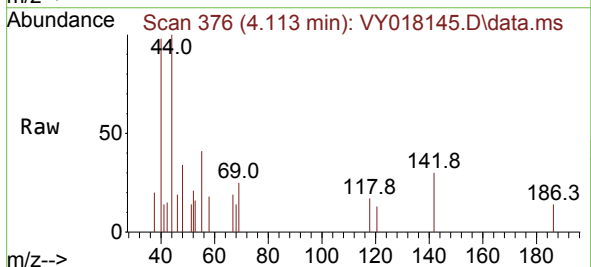


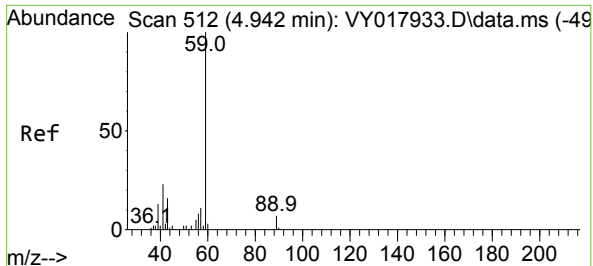
Tgt Ion:101 Resp: 19
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 0.0 61.7 92.5#



#10
Methyl Iodide
Concen: 5.441 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

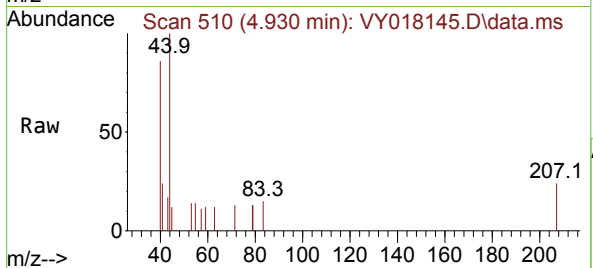
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Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 25.0 11.4 17.2#



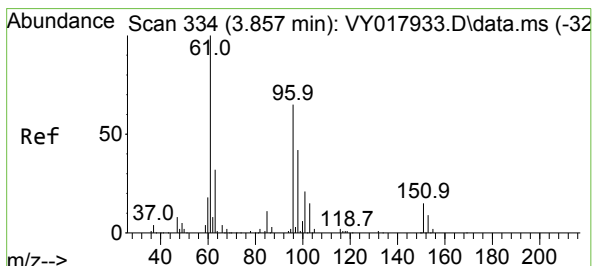
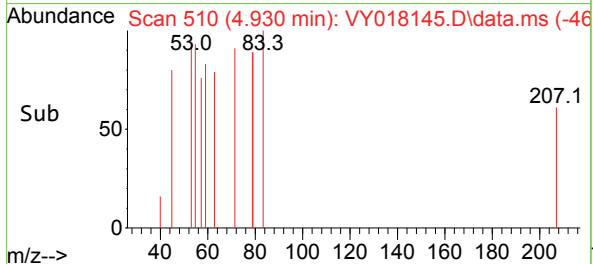
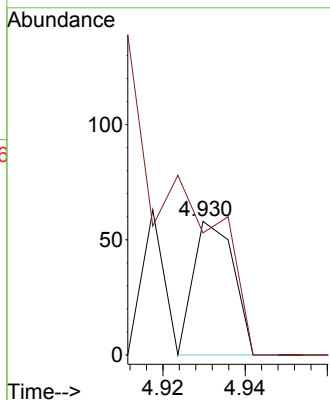


#11
Tert butyl alcohol
Concen: 33.950 ug/l
RT: 4.930 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :

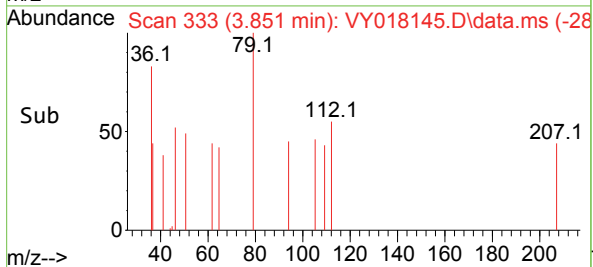
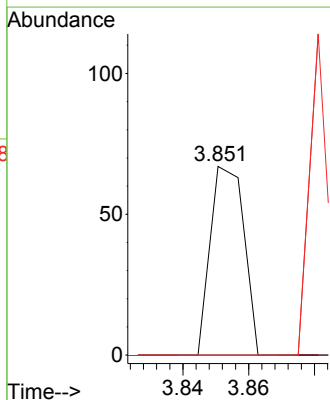
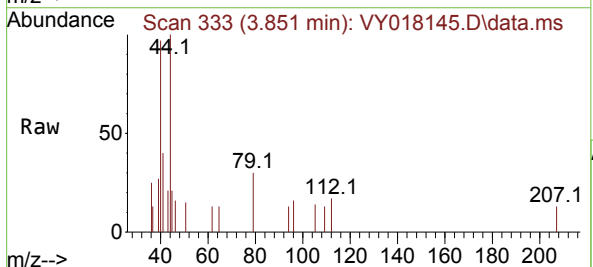


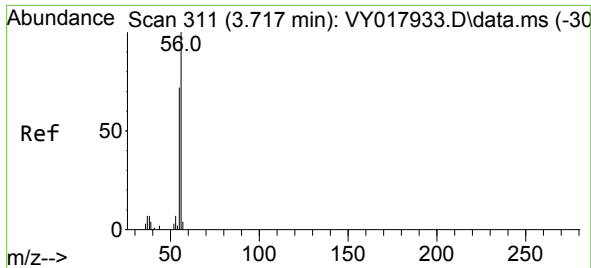
Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 2.738 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.024 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 96 Resp: 48
Ion Ratio Lower Upper
96 100
61 0.0 114.6 171.8#
98 0.0 50.8 76.2#





#13

Acrolein

Concen: 83.826 ug/l

RT: 3.741 min Scan# 311

Delta R.T. 0.012 min

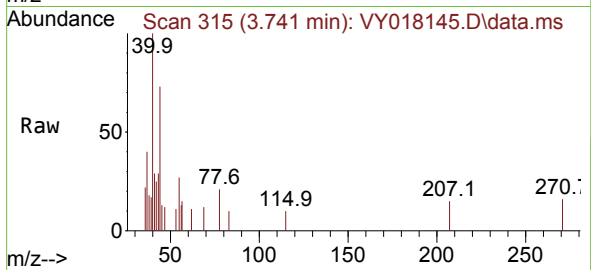
Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

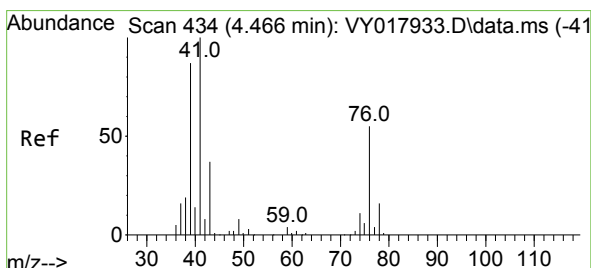
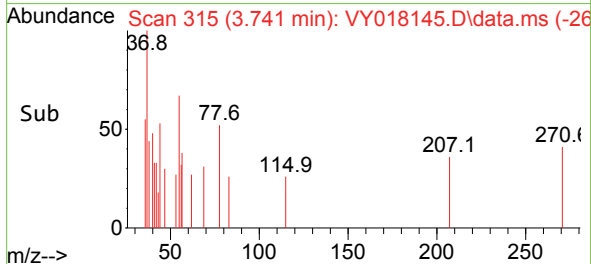
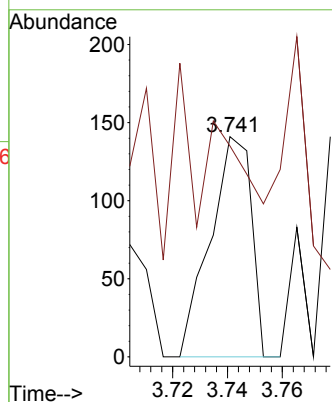


Tgt Ion: 56 Resp: 147

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#14

Allyl chloride

Concen: 6.169 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.018 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

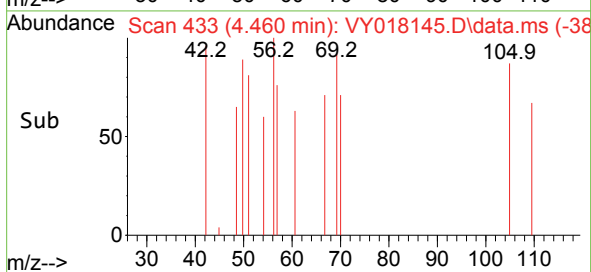
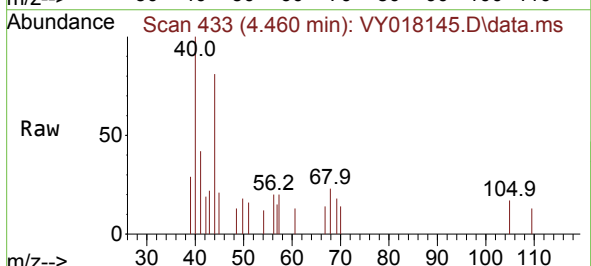
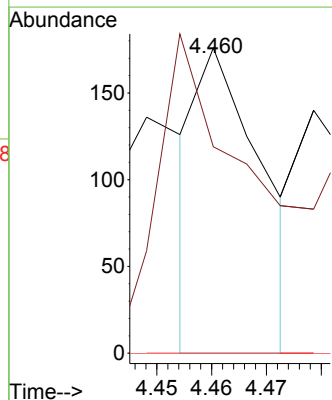
Tgt Ion: 41 Resp: 143

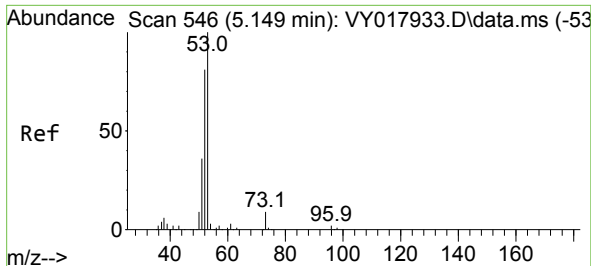
Ion Ratio Lower Upper

41 100

39 163.6 58.3 87.5#

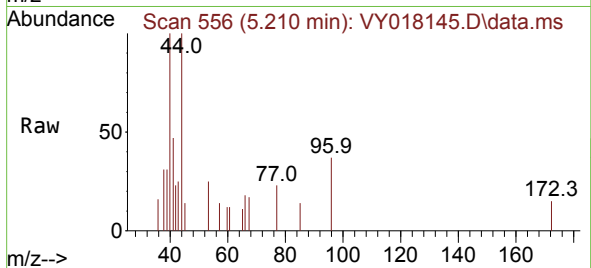
76 0.0 39.0 58.6#



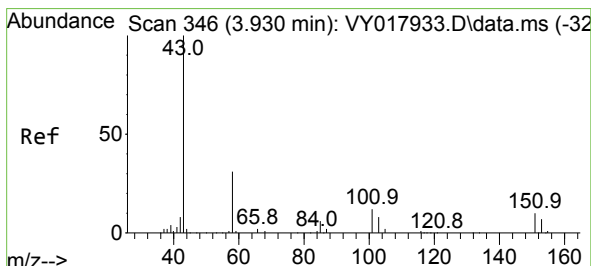
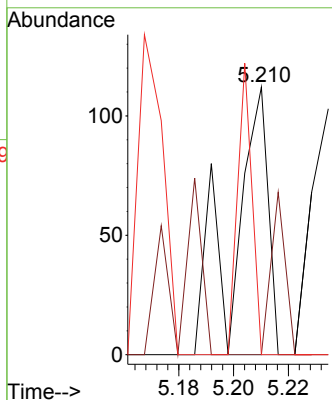
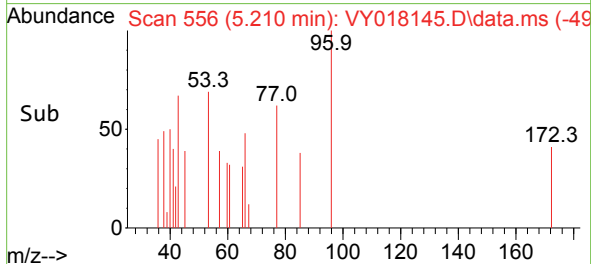


#15
Acrylonitrile
Concen: 29.491 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

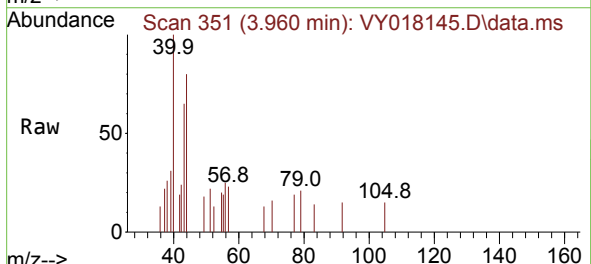
Instrument :
MSVOA_Y
ClientSampleId :



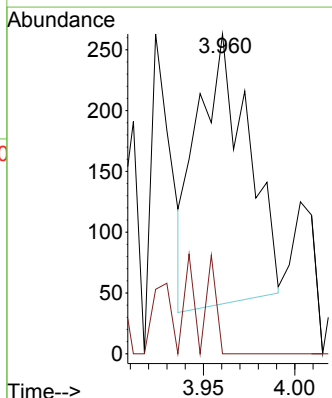
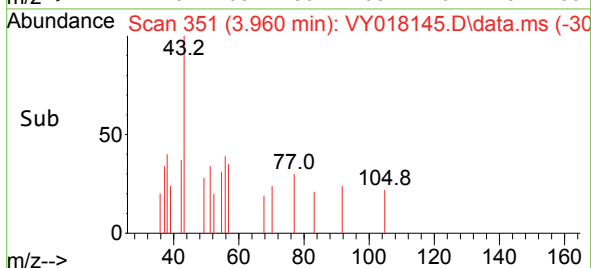
Tgt Ion: 53 Resp: 98
Ion Ratio Lower Upper
53 100
52 25.5 64.7 97.1#
51 45.9 28.4 42.6#

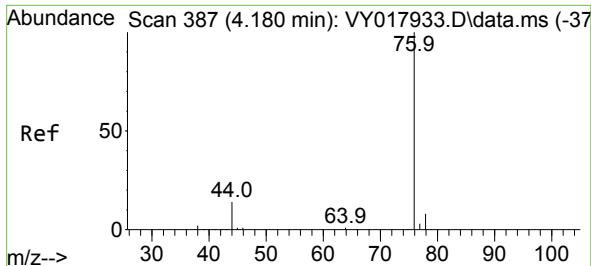


#16
Acetone
Concen: 153.596 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09



Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

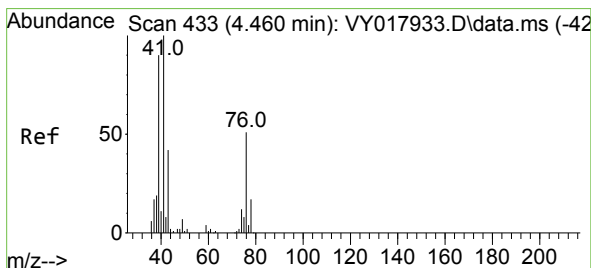
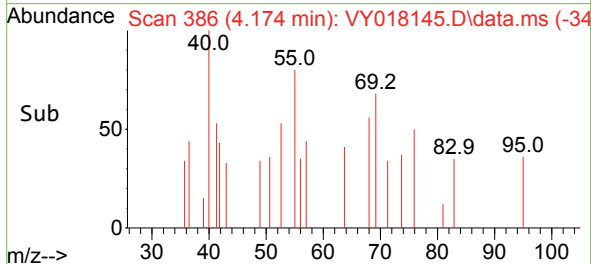
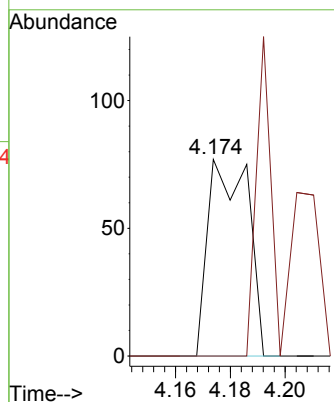
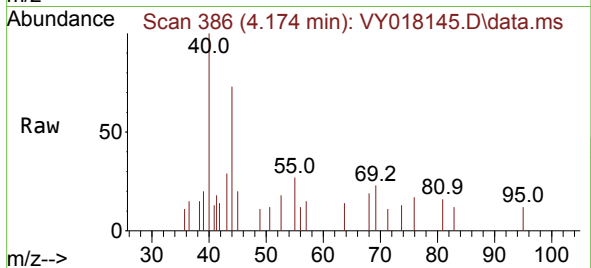




#17
Carbon Disulfide
Concen: 1.490 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.018 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

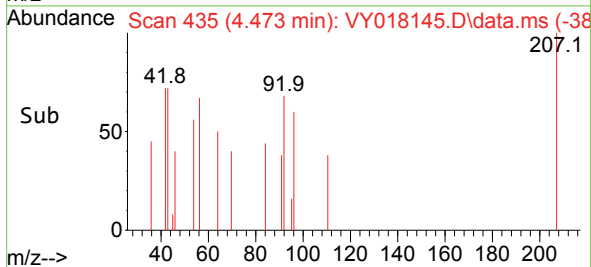
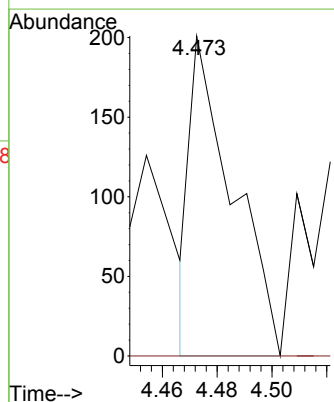
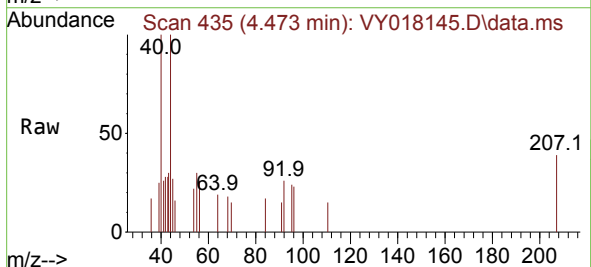
Instrument :
MSVOA_Y
ClientSampleId :

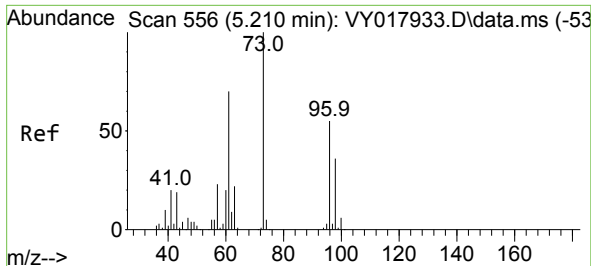
Tgt Ion: 76 Resp: 78
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#18
Methyl Acetate
Concen: 31.050 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

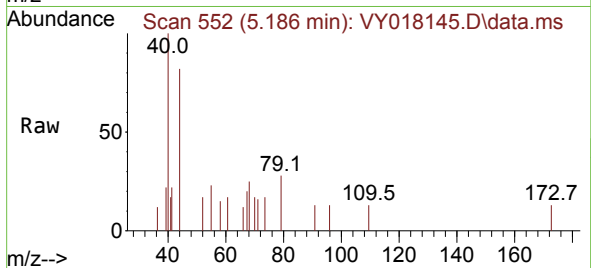
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



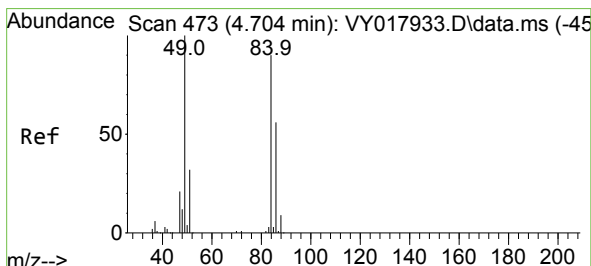
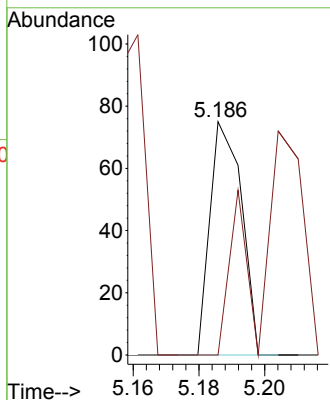
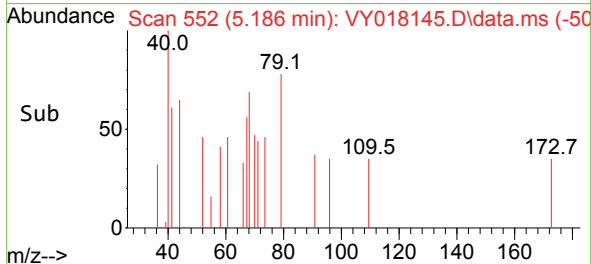


#19
Methyl tert-butyl Ether
Concen: 1.243 ug/l
RT: 5.186 min Scan# 51
Delta R.T. -0.036 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

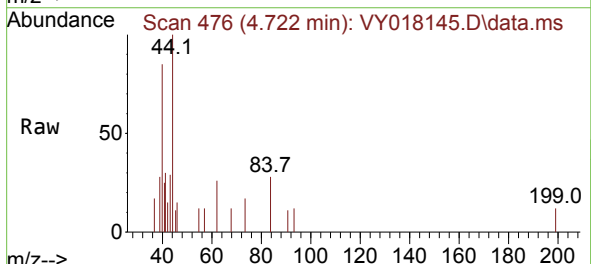
Instrument :
MSVOA_Y
ClientSampleId :



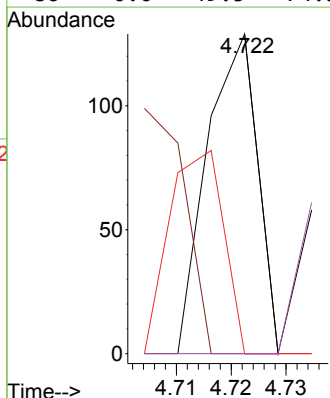
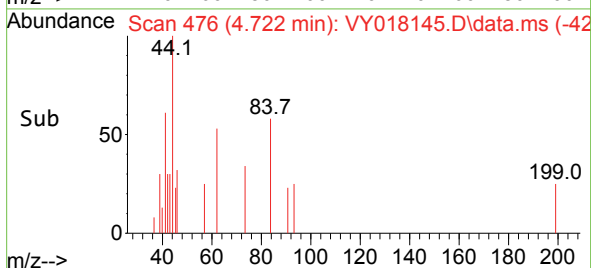
Tgt Ion: 73 Resp: 50
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#

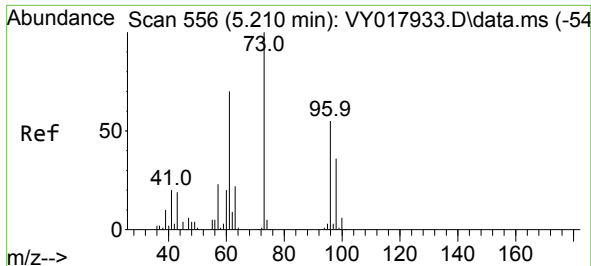


#20
Methylene Chloride
Concen: 4.249 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09



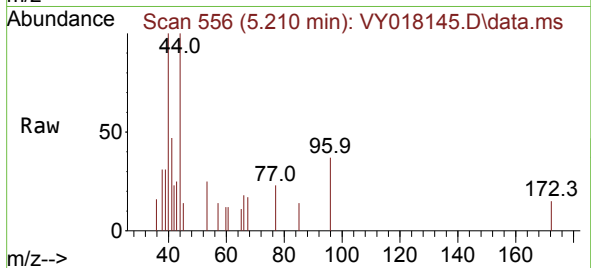
Tgt Ion: 84 Resp: 82
Ion Ratio Lower Upper
84 100
49 0.0 84.4 126.6#
51 0.0 26.0 39.0#
86 0.0 49.5 74.3#



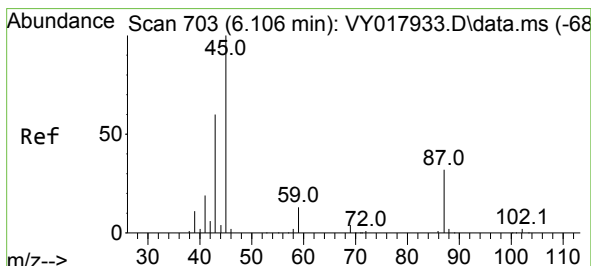
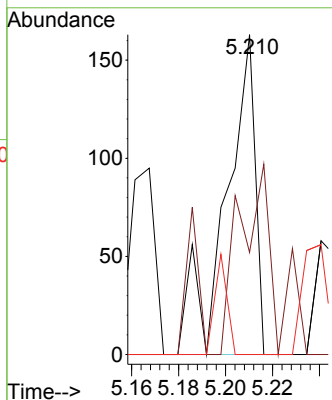
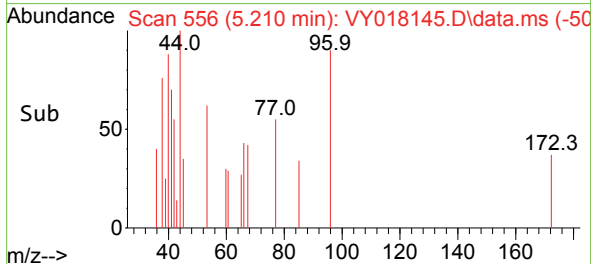


#21
trans-1,2-Dichloroethene
Concen: 7.618 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

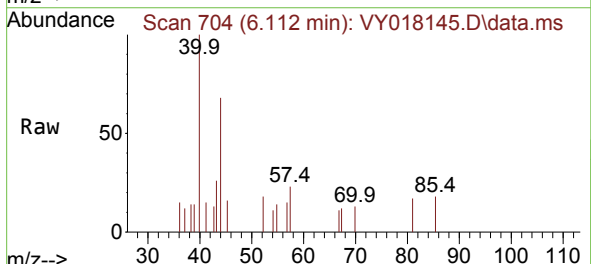
Instrument :
MSVOA_Y
ClientSampleId :



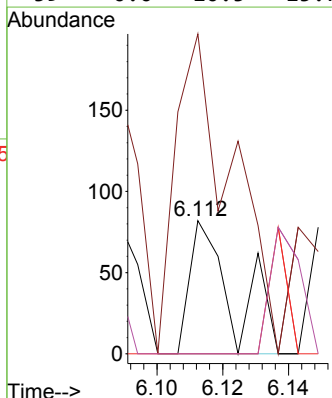
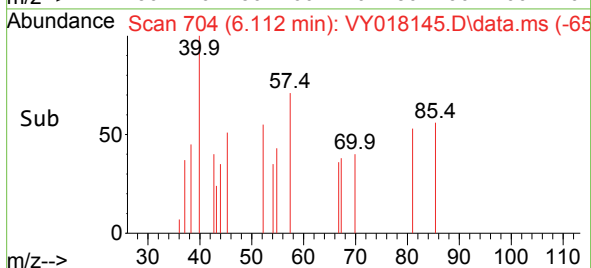
Tgt Ion: 96 Resp: 142
Ion Ratio Lower Upper
96 100
61 31.9 97.5 146.3#
98 0.0 50.5 75.7#

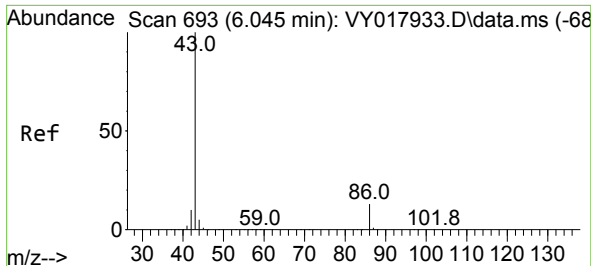


#22
Diisopropyl ether
Concen: 1.571 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09



Tgt Ion: 45 Resp: 75
Ion Ratio Lower Upper
45 100
43 240.2 42.2 63.2#
87 0.0 25.0 37.6#
59 0.0 10.5 15.7#

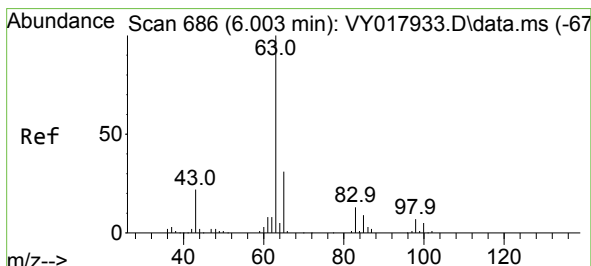
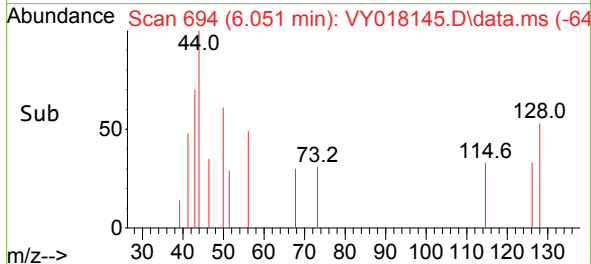
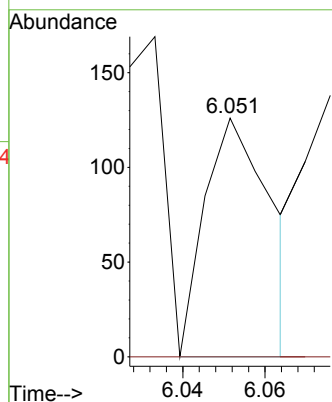
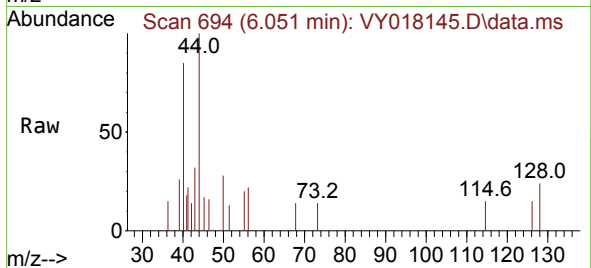




#23
Vinyl Acetate
Concen: 4.656 ug/l
RT: 6.051 min Scan# 694
Delta R.T. -0.013 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

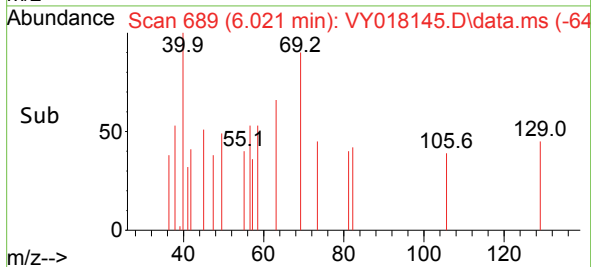
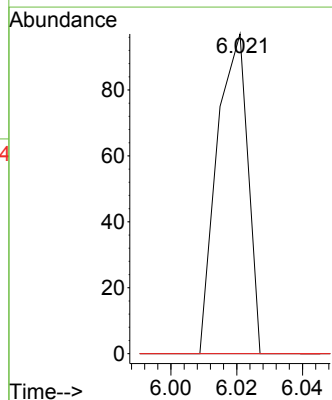
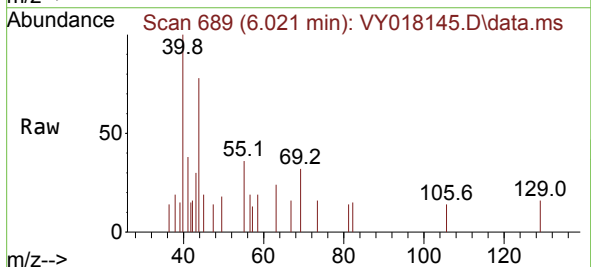
Instrument :
MSVOA_Y
ClientSampleId :

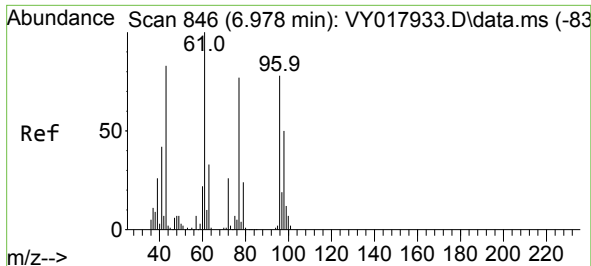
Tgt Ion: 43 Resp: 141
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



#24
1,1-Dichloroethane
Concen: 2.185 ug/l
RT: 6.021 min Scan# 689
Delta R.T. 0.000 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

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





#25

2-Butanone

Concen: 64.186 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

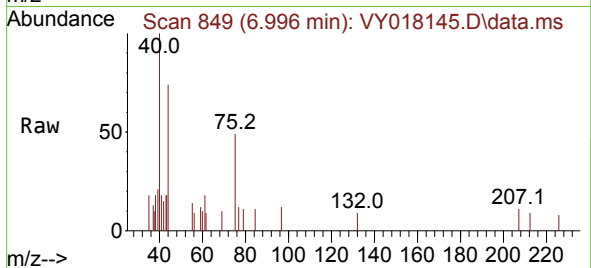
Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

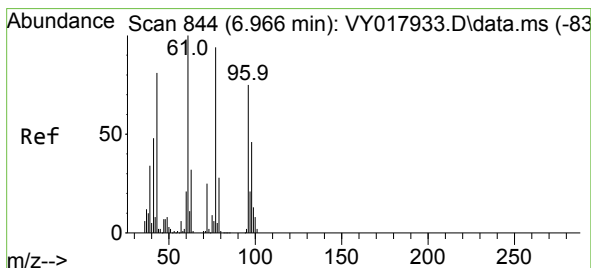
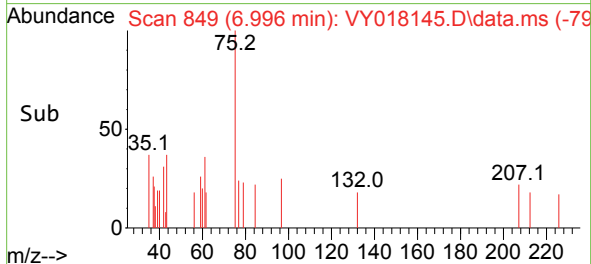
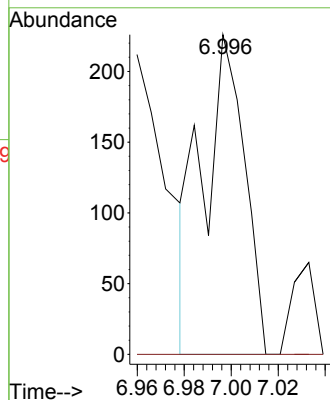


Tgt Ion: 43 Resp: 275

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 3.560 ug/l

RT: 6.740 min Scan# 807

Delta R.T. -0.238 min

Lab File: VY018145.D

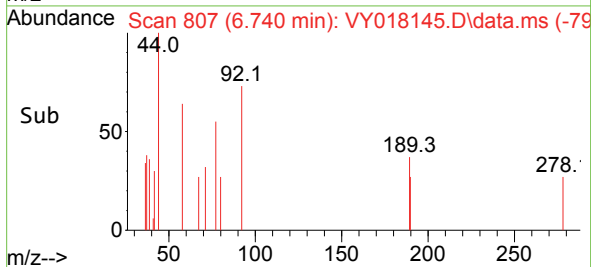
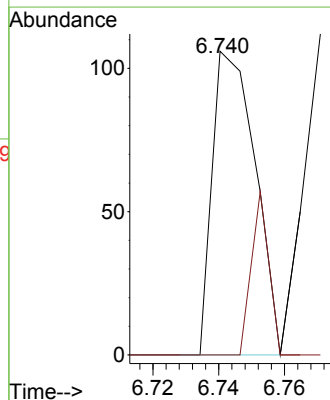
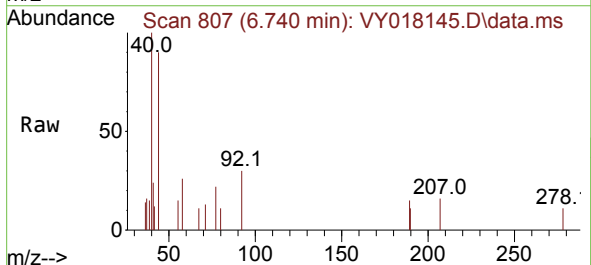
Acq: 03 May 2024 16:09

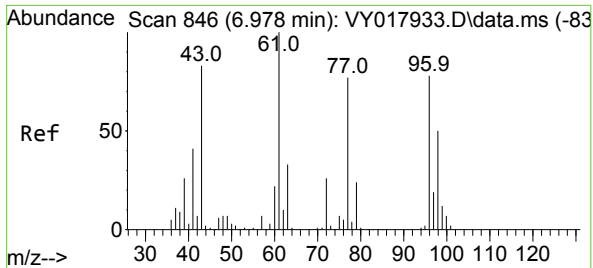
Tgt Ion: 77 Resp: 96

Ion Ratio Lower Upper

77 100

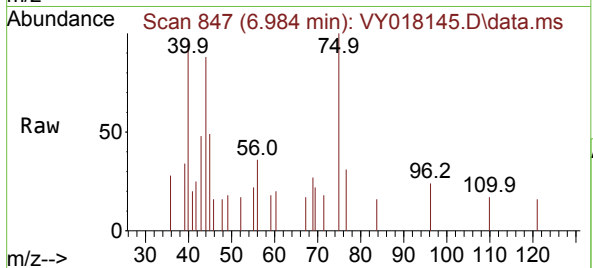
97 21.9 12.0 36.1



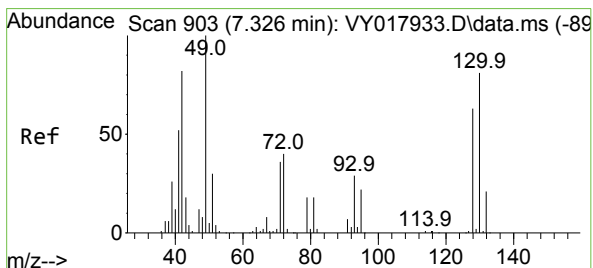
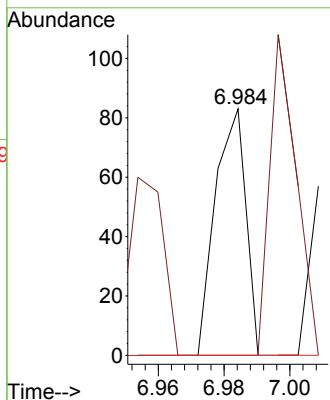
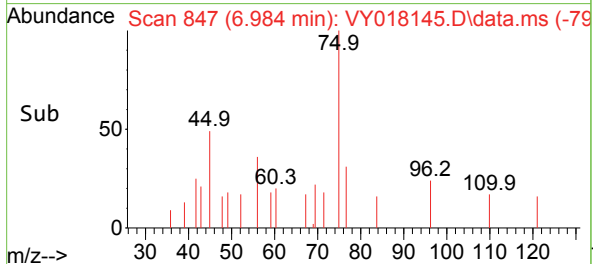


#27
 cis-1,2-Dichloroethene
 Concen: 2.384 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY018145.D
 Acq: 03 May 2024 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :

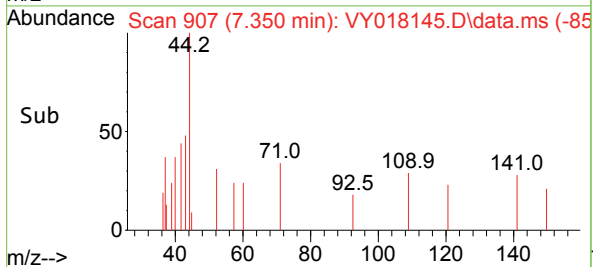
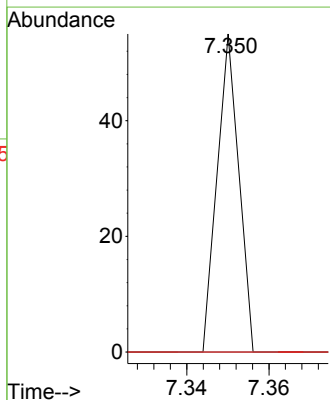
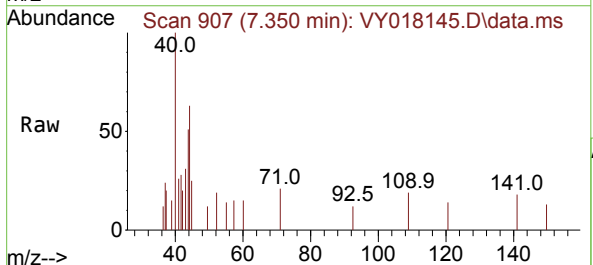


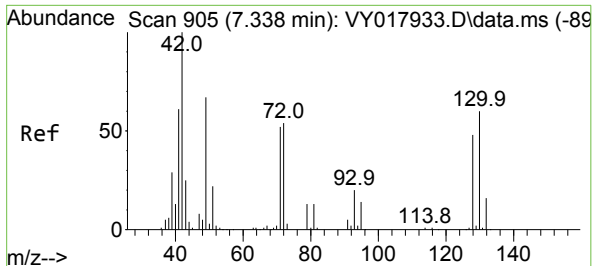
Tgt Ion:	96	Resp:	53
Ion	Ratio	Lower	Upper
96	100		
61	113.2	0.0	256.2
98	0.0	0.0	130.0



#28
 Bromochloromethane
 Concen: 1.717 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.012 min
 Lab File: VY018145.D
 Acq: 03 May 2024 16:09

Tgt Ion:	49	Resp:	20
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	72.7	109.1#





#29

Tetrahydrofuran

Concen: 77.100 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018145.D

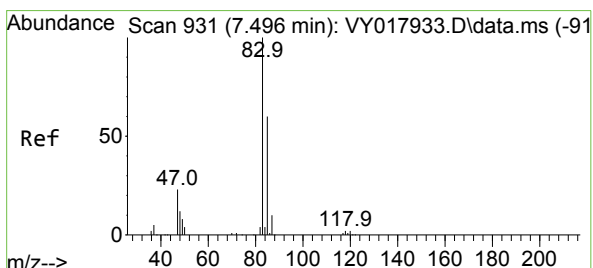
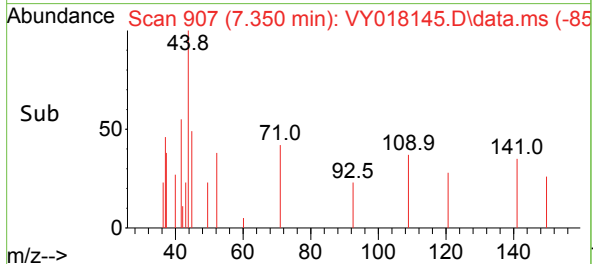
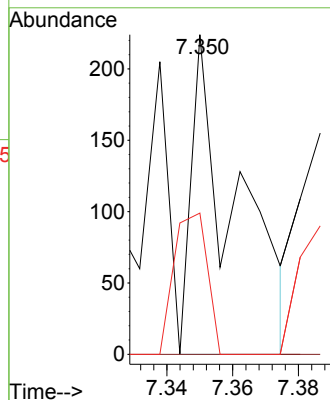
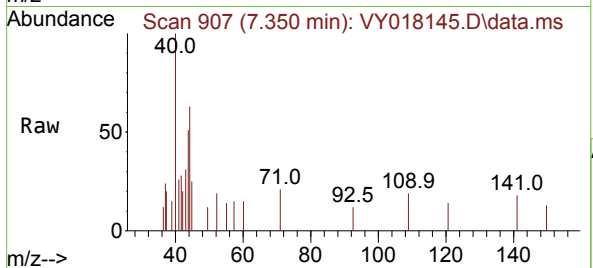
Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	210
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	33.3	40.8	61.2#



#30

Chloroform

Concen: 1.311 ug/l

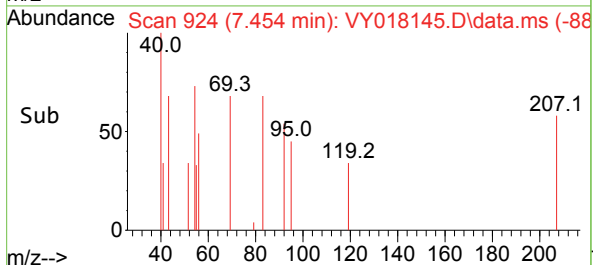
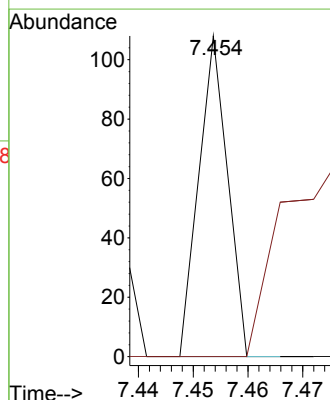
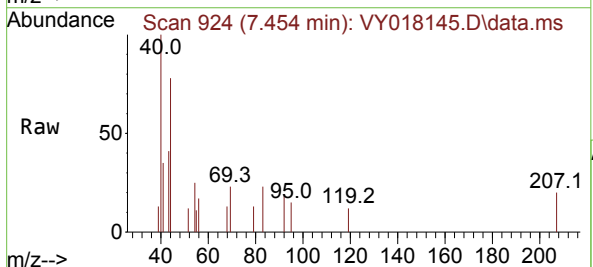
RT: 7.454 min Scan# 924

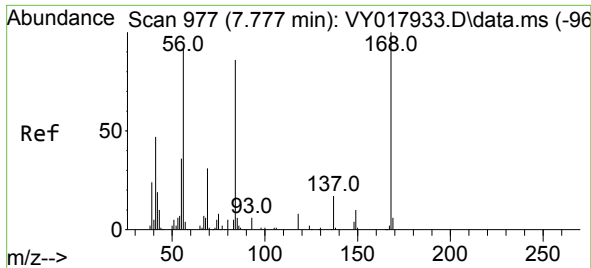
Delta R.T. -0.054 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Tgt Ion:	83	Resp:	40
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4#

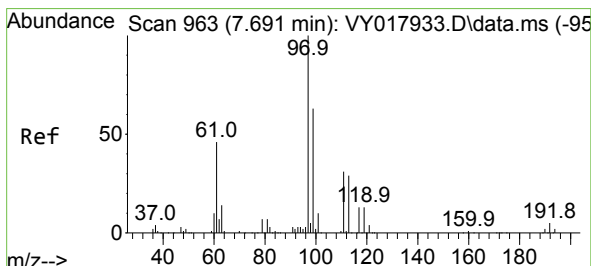
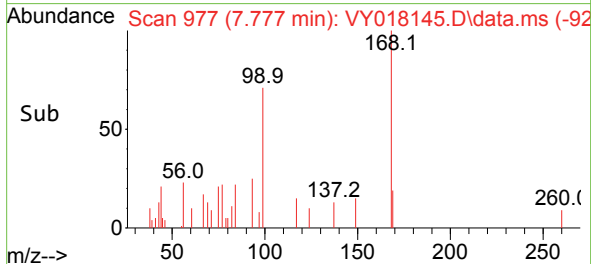
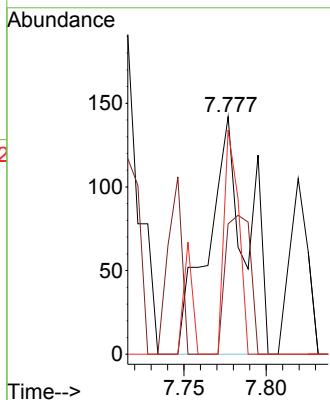
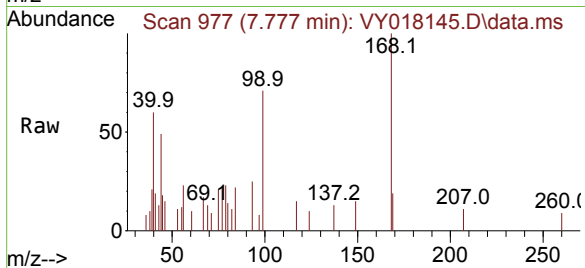




#31
Cyclohexane
Concen: 8.340 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

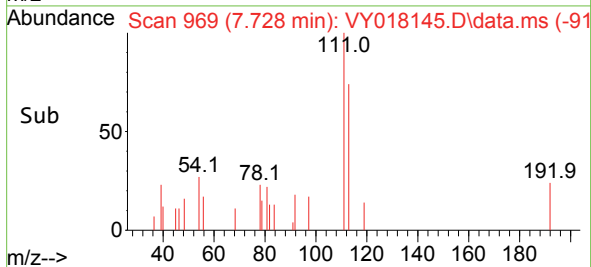
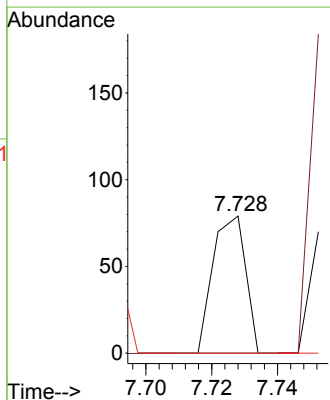
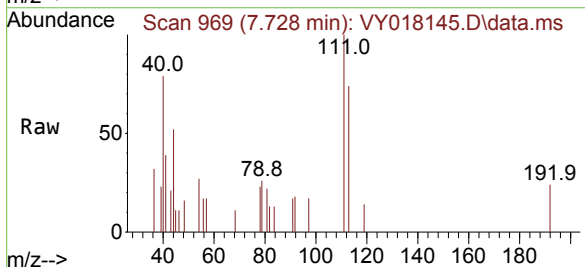
Instrument :
MSVOA_Y
ClientSampleId :

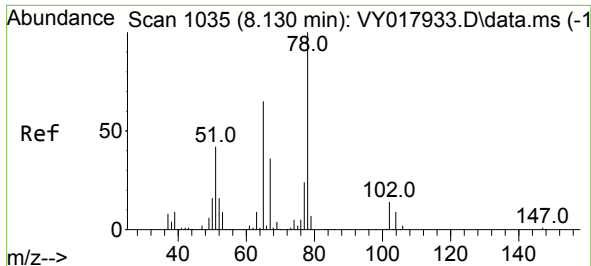
Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
69 54.9 28.7 43.1#
84 94.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 1.975 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.025 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 97 Resp: 55
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 110.402 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

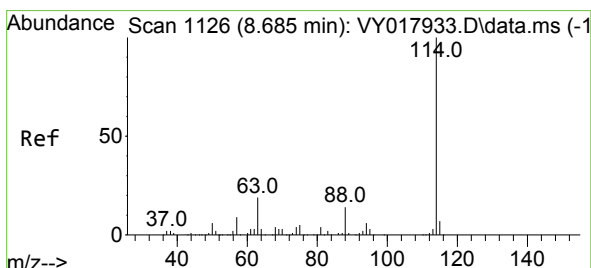
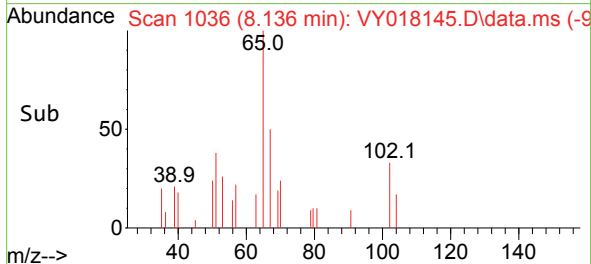
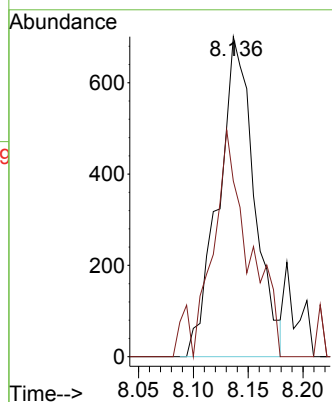
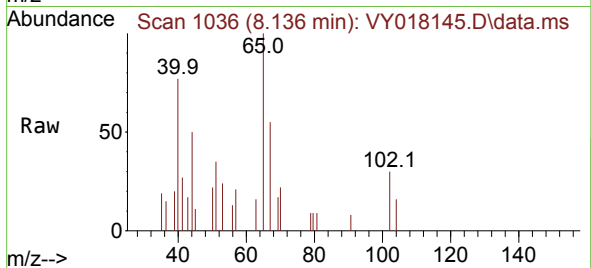
ClientSampleId :

Tgt Ion: 65 Resp: 1596

Ion Ratio Lower Upper

65 100

67 69.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

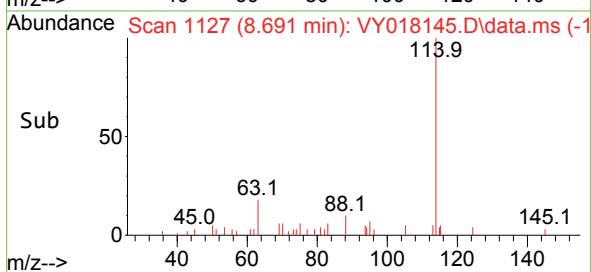
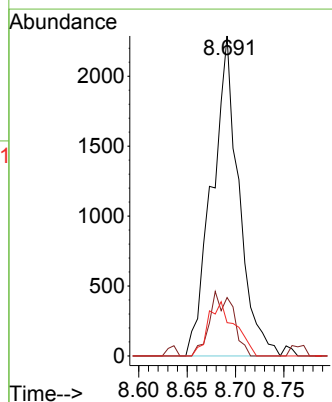
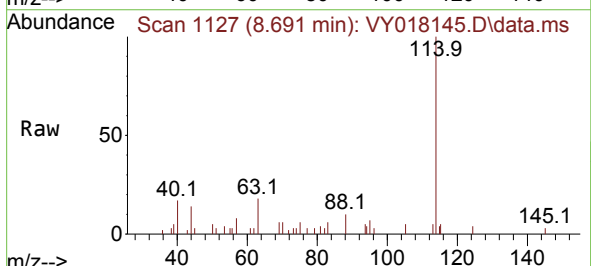
Tgt Ion: 114 Resp: 4414

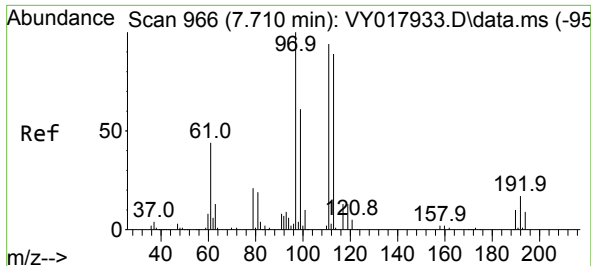
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

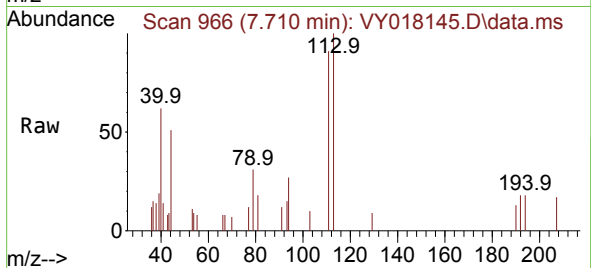
88 10.4 0.0 27.2



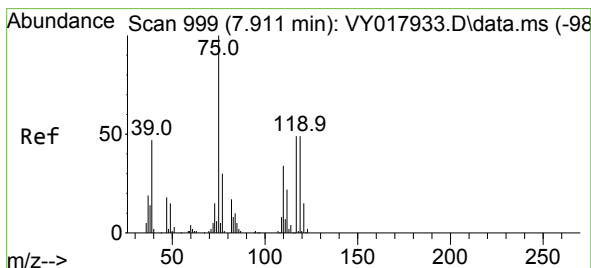
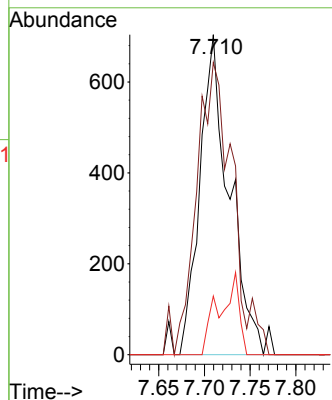
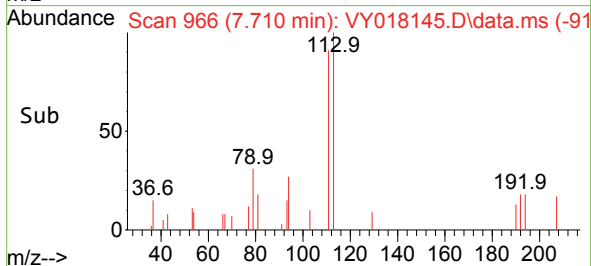


#35
Dibromofluoromethane
Concen: 62.564 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :

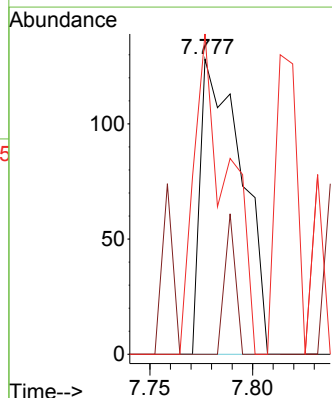
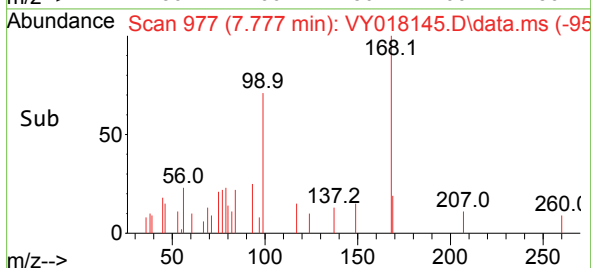
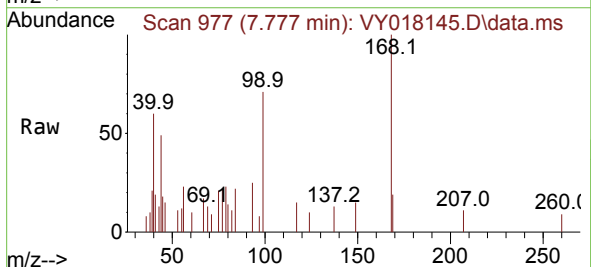


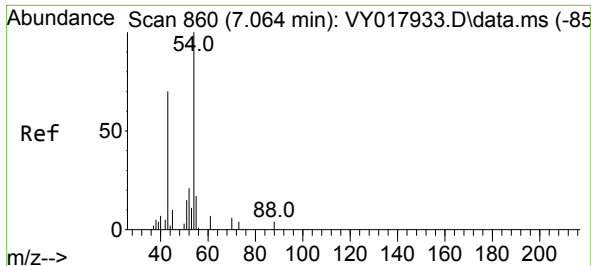
Tgt Ion:113 Resp: 1587
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 6.4 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 75 Resp: 179
Ion Ratio Lower Upper
75 100
110 12.3 19.0 57.0#
77 90.5 25.3 37.9#





#37

Ethyl Acetate

Concen: 19.206 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.116 min

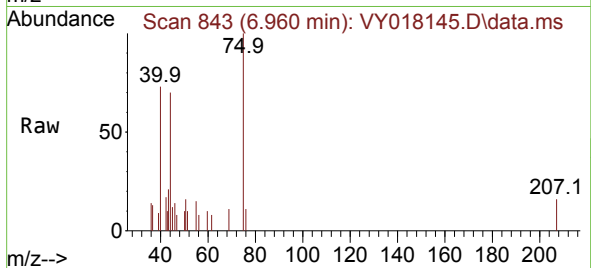
Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :



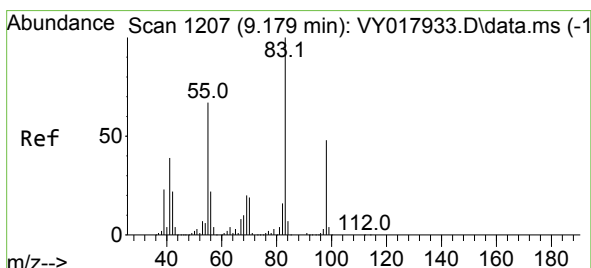
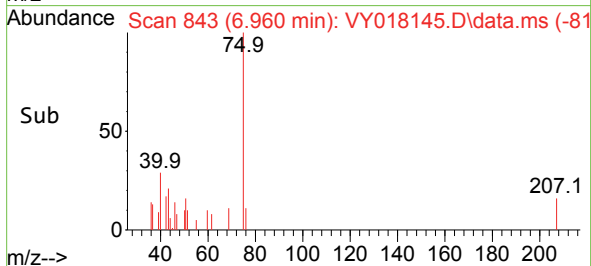
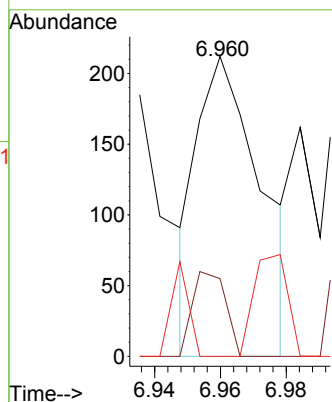
Tgt Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 8.8 7.8 11.8



#39

Methylcyclohexane

Concen: 1.086 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

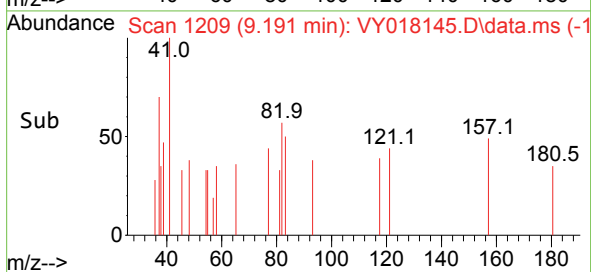
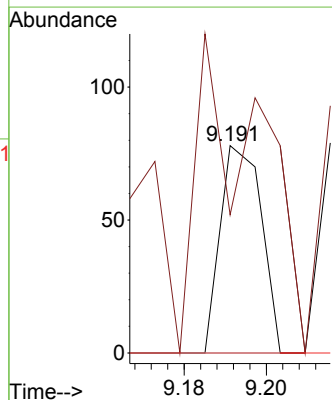
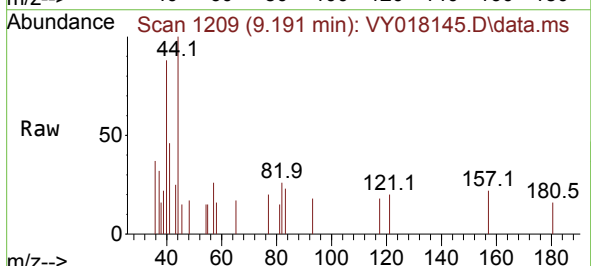
Tgt Ion: 83 Resp: 54

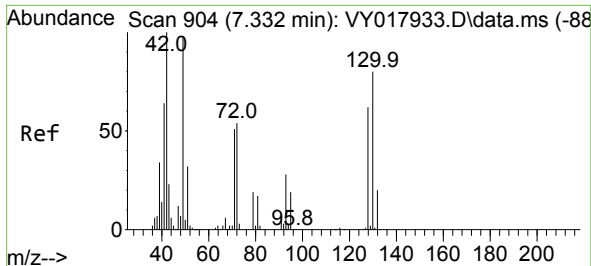
Ion Ratio Lower Upper

83 100

55 66.7 51.5 77.3

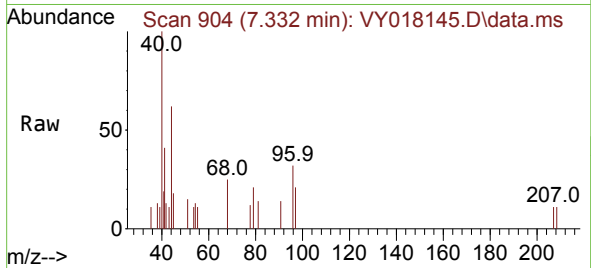
98 0.0 40.5 60.7#



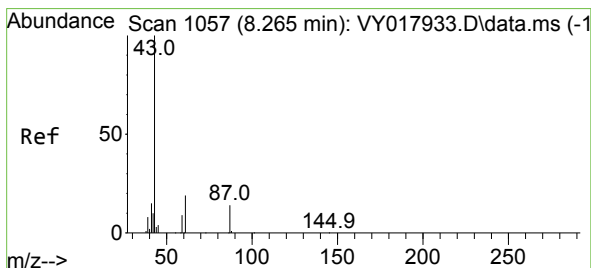
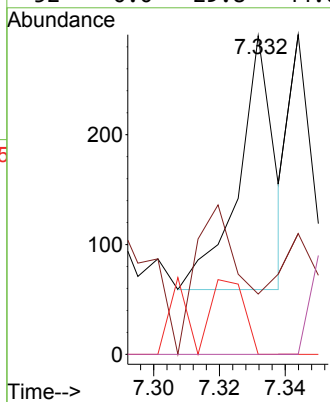
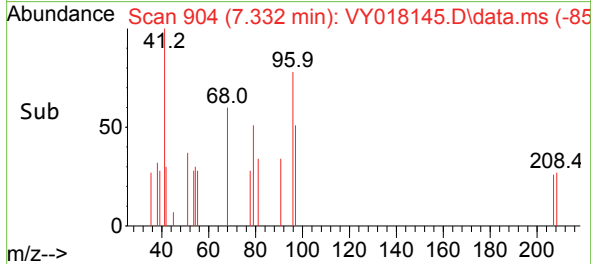


#41
Methacrylonitrile
Concen: 20.139 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

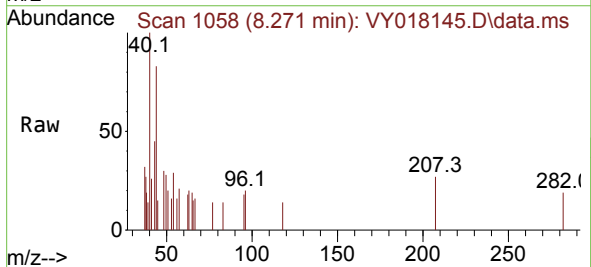
Instrument :
MSVOA_Y
ClientSampleId :



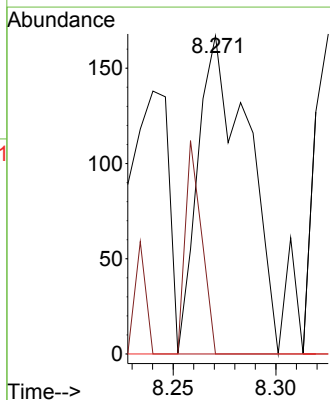
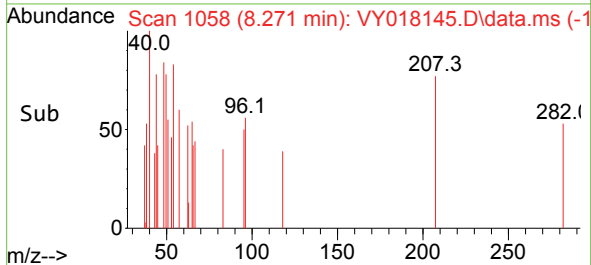
Tgt Ion:	41	Resp:	175
Ion	Ratio	Lower	Upper
41	100		
39	77.1	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#

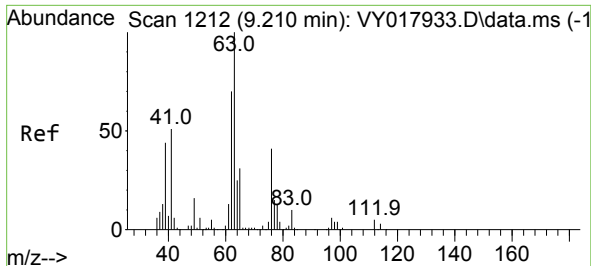


#43
Isopropyl Acetate
Concen: 9.110 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09



Tgt Ion:	43	Resp:	282
Ion	Ratio	Lower	Upper
43	100		
61	22.0	27.9	41.9#
87	0.0	13.1	19.7#





#45

1,2-Dichloropropane

Concen: 1.432 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.025 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

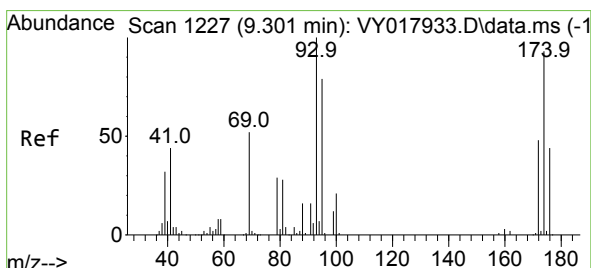
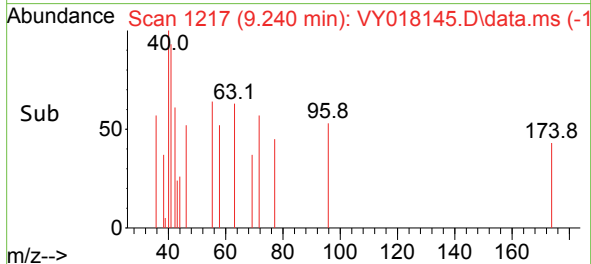
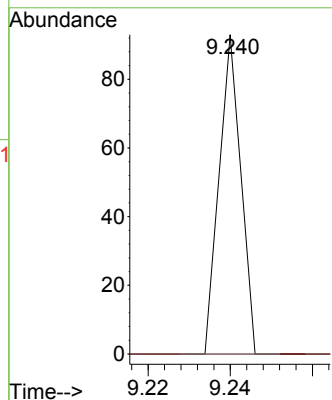
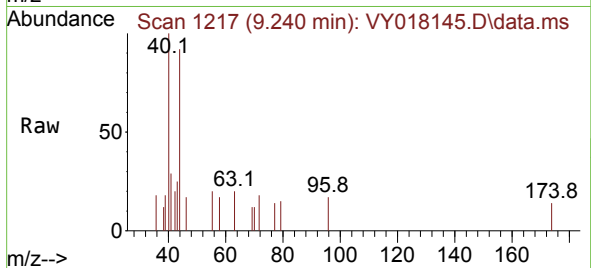
ClientSampleId :

Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 3.880 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. -0.061 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

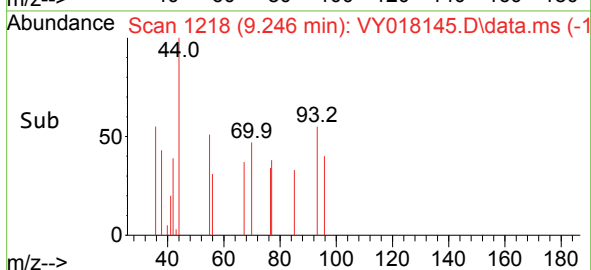
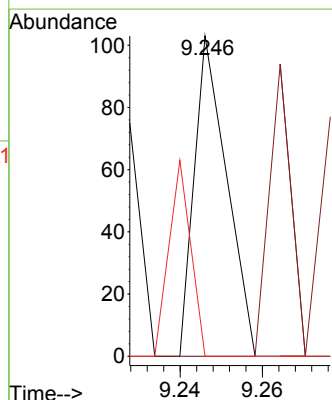
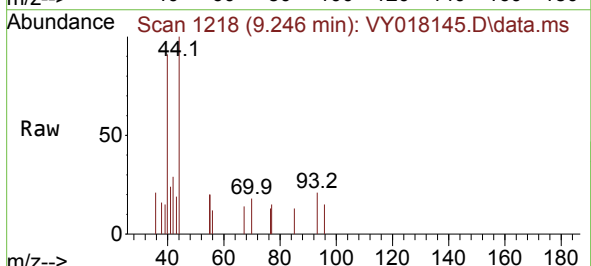
Tgt Ion: 93 Resp: 56

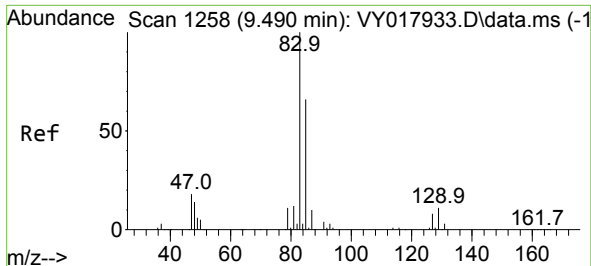
Ion Ratio Lower Upper

93 100

95 0.0 66.2 99.4#

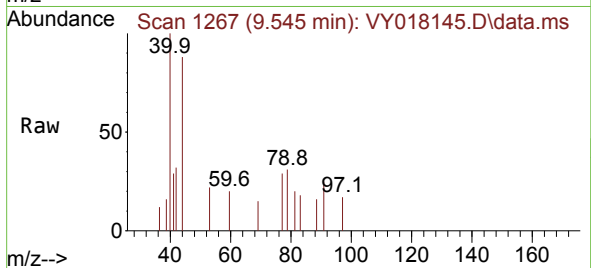
174 41.1 80.9 121.3#



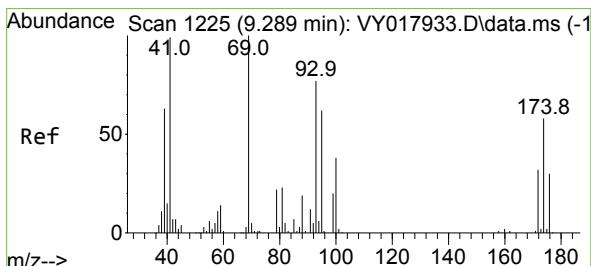
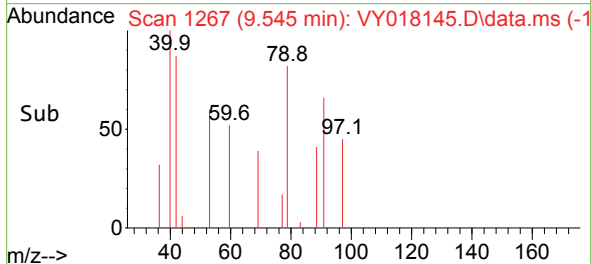
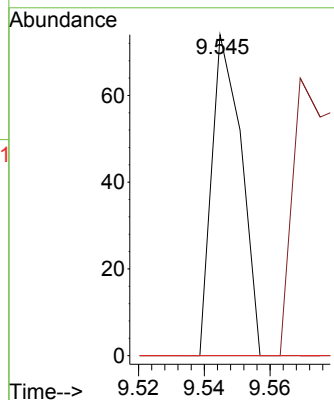


#47
Bromodichloromethane
Concen: 1.298 ug/l
RT: 9.545 min Scan# 1267
Delta R.T. 0.049 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :

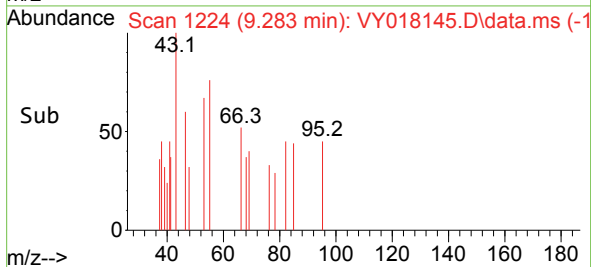
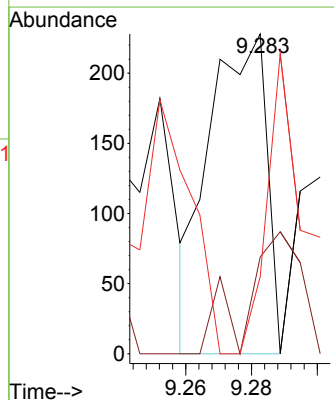
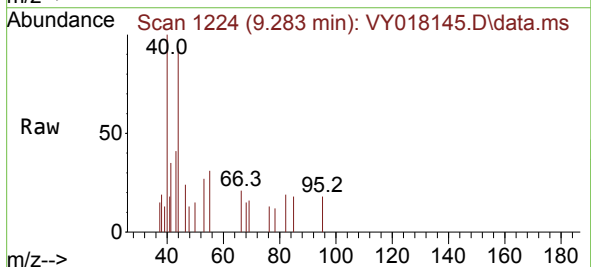


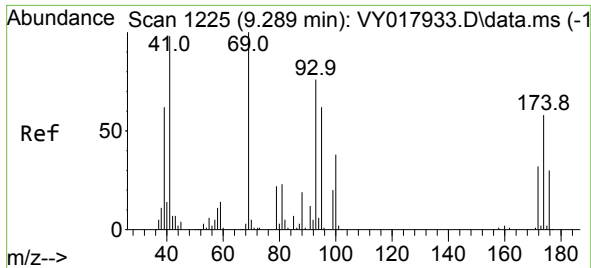
Tgt Ion: 83 Resp: 46
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 19.265 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 41 Resp: 273
Ion Ratio Lower Upper
41 100
69 37.0 84.1 126.1#
39 59.0 43.6 65.4

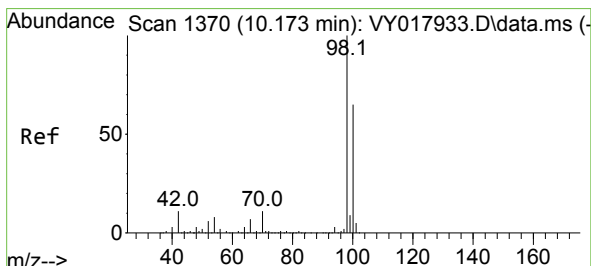
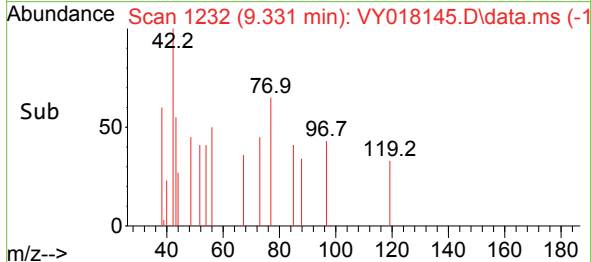
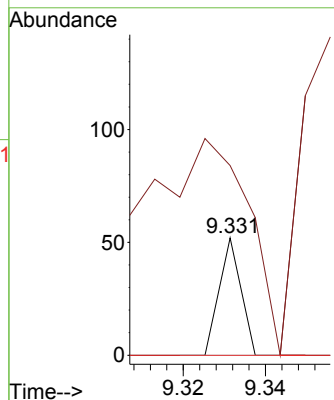
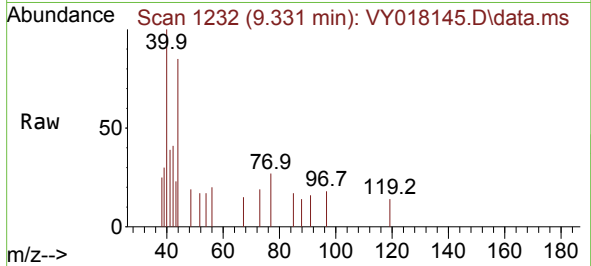




#49
1,4-Dioxane
Concen: 118.656 ug/l
RT: 9.331 min Scan# 11
Delta R.T. 0.030 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

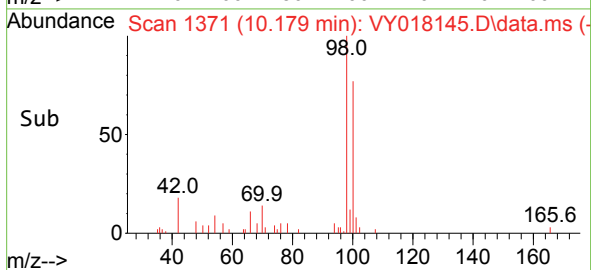
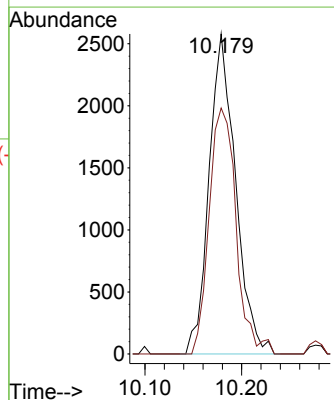
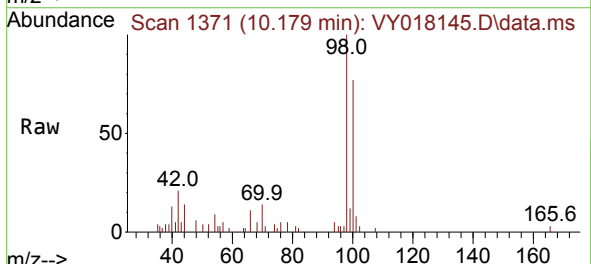
Instrument :
MSVOA_Y
ClientSampleId :

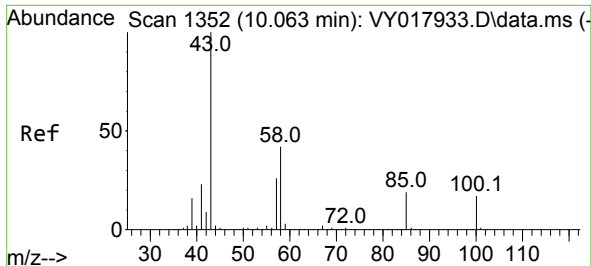
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 868.4 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 49.583 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 98 Resp: 4910
Ion Ratio Lower Upper
98 100
100 78.1 52.0 78.0#

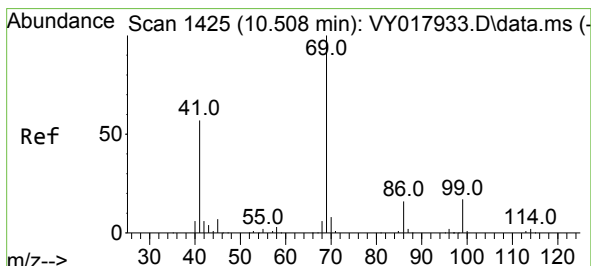
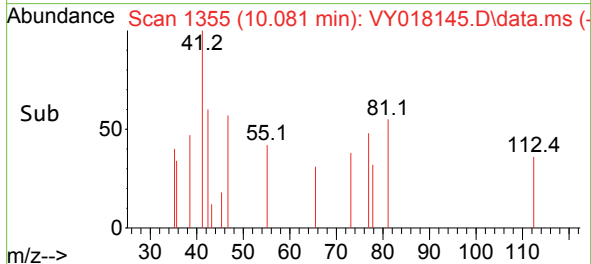
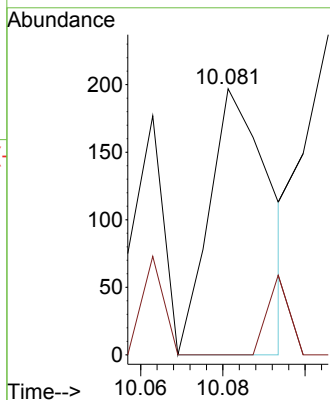
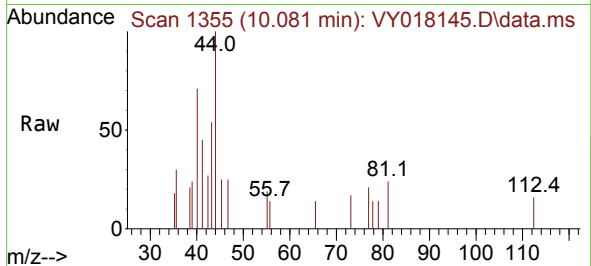




#51
4-Methyl-2-Pentanone
Concen: 13.294 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

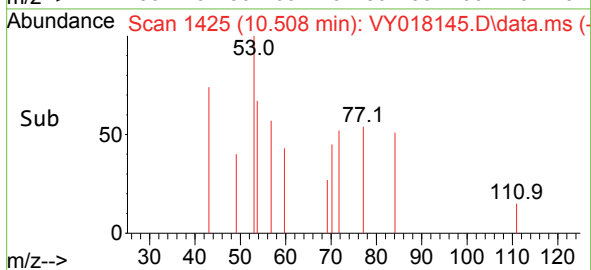
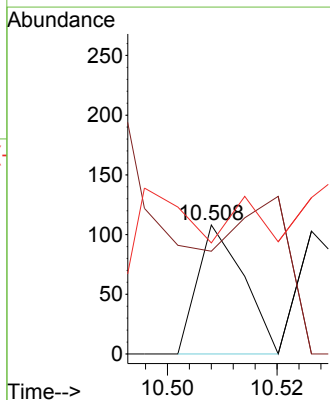
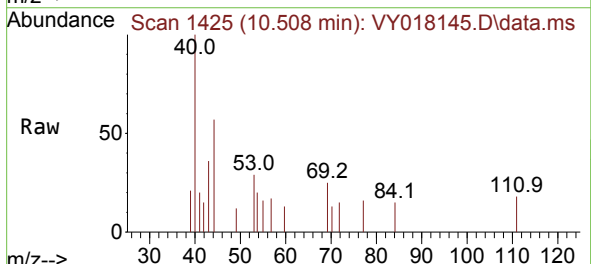
Instrument :
MSVOA_Y
ClientSampleId :

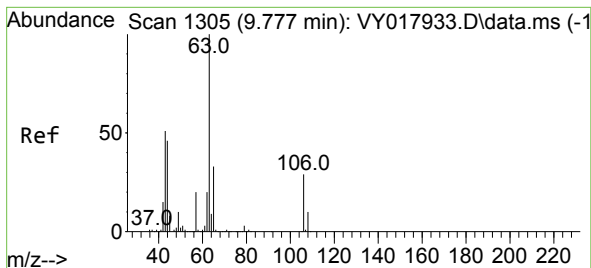
Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
58 10.9 35.7 53.5#



#56
Ethyl methacrylate
Concen: 2.295 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 69 Resp: 63
Ion Ratio Lower Upper
69 100
41 0.0 42.3 63.5#
39 0.0 22.9 34.3#

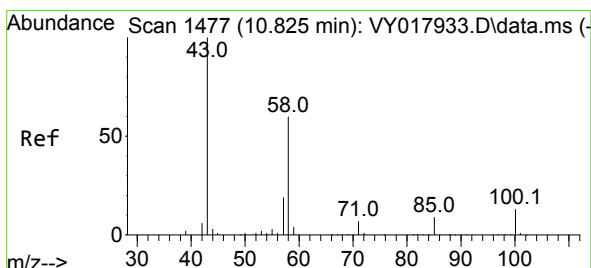
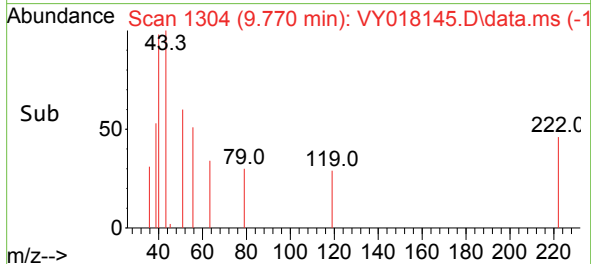
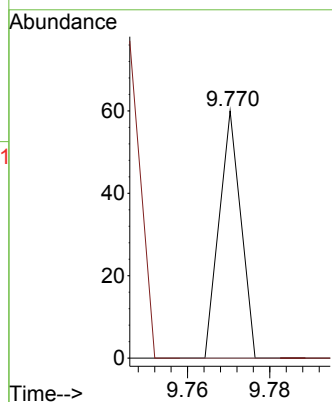
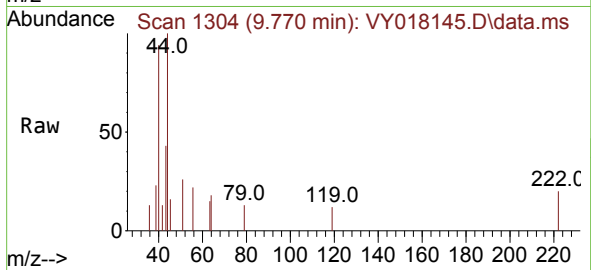




#58
2-Chloroethyl Vinyl ether
Concen: 1.717 ug/l
RT: 9.770 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

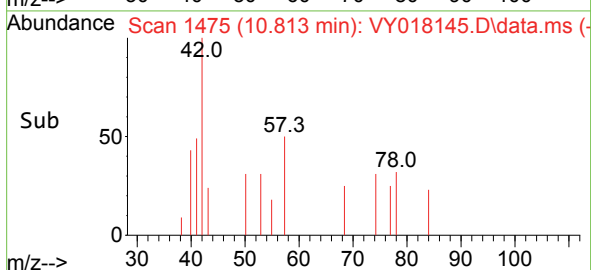
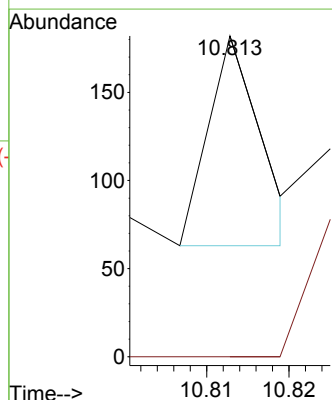
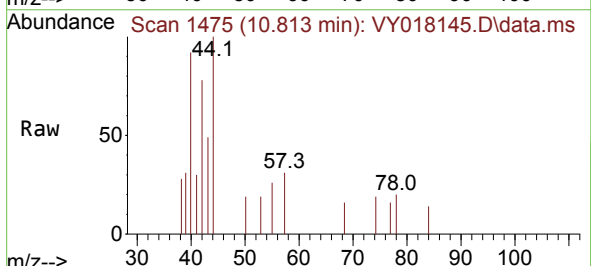
Instrument :
MSVOA_Y
ClientSampleId :

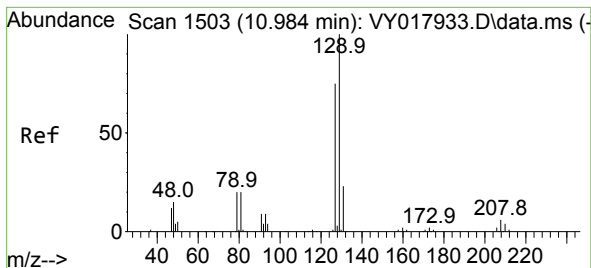
Tgt Ion: 63 Resp: 22
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



#59
2-Hexanone
Concen: 5.004 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.018 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
58 53.7 31.4 94.0

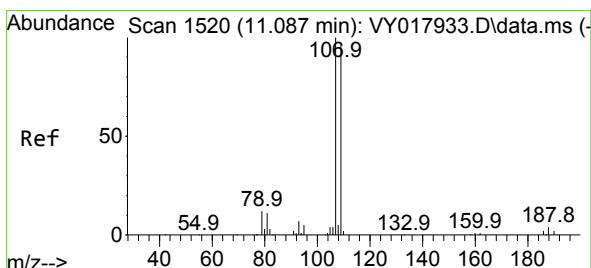
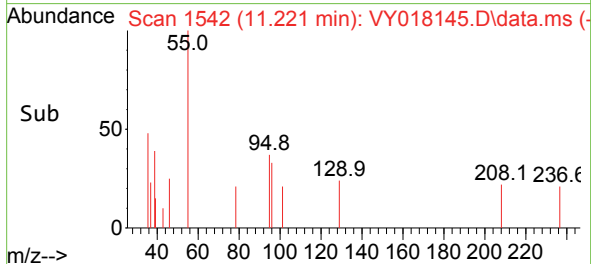
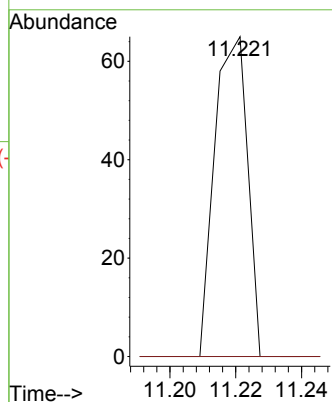
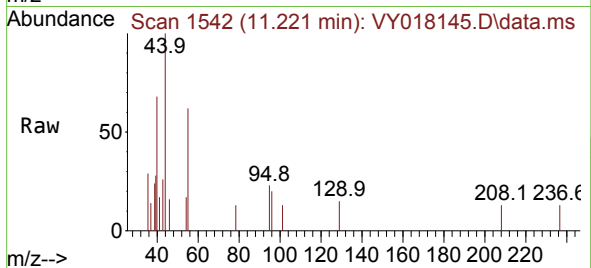




#60
Dibromochloromethane
Concen: 1.707 ug/l
RT: 11.221 min Scan# 11
Delta R.T. 0.238 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

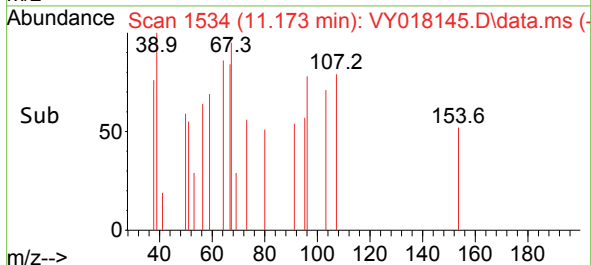
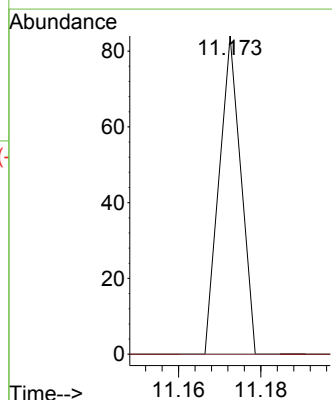
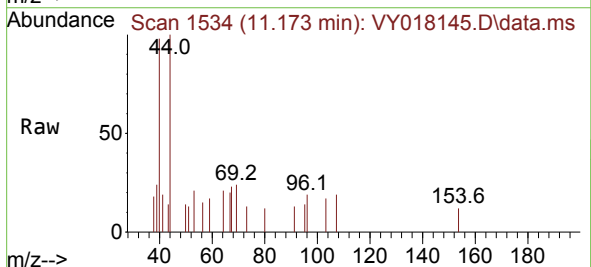
Instrument :
MSVOA_Y
ClientSampleId :

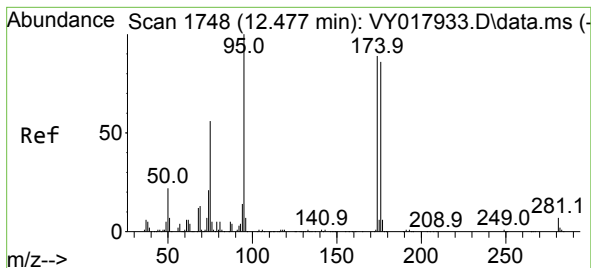
Tgt Ion:129 Resp: 45
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 1.667 ug/l
RT: 11.173 min Scan# 1534
Delta R.T. 0.086 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion:107 Resp: 31
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#

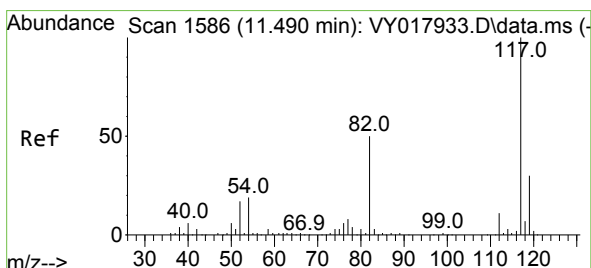
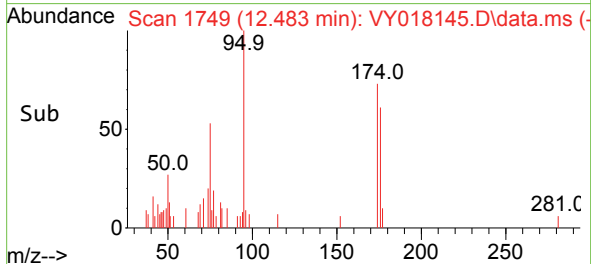
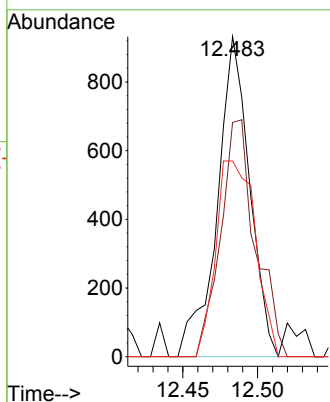
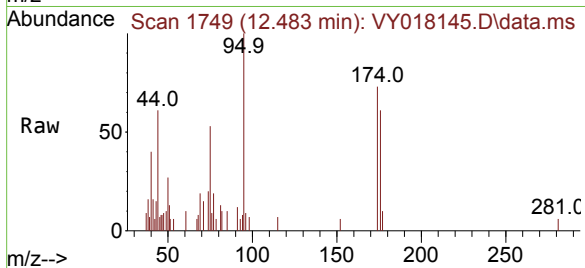




#62
4-Bromofluorobenzene
Concen: 41.169 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

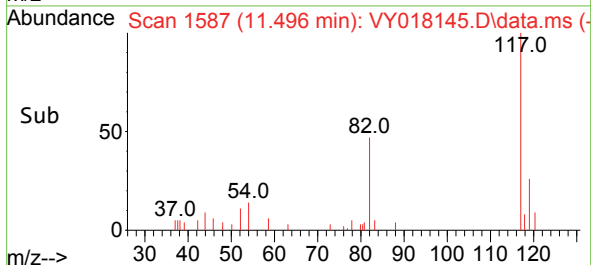
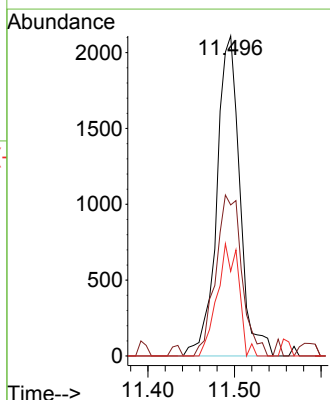
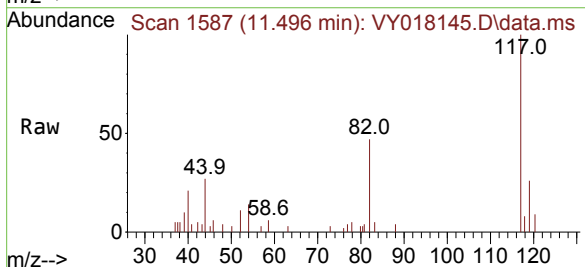
Instrument :
MSVOA_Y
ClientSampleId :

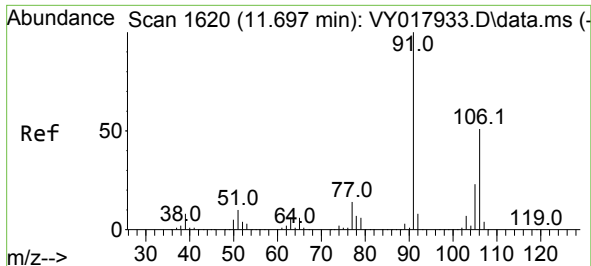
Tgt Ion: 95 Resp: 1403
Ion Ratio Lower Upper
95 100
174 79.7 0.0 175.6
176 74.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion: 117 Resp: 3909
Ion Ratio Lower Upper
117 100
82 43.9 42.4 63.6
119 26.4 25.9 38.9

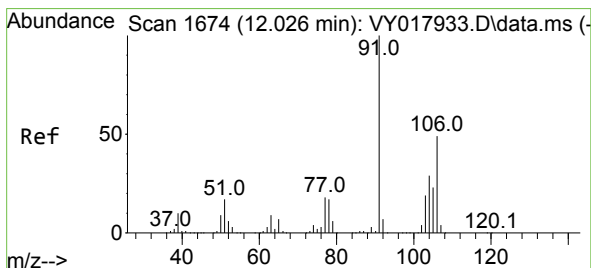
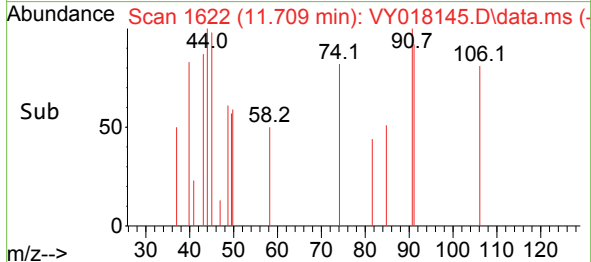
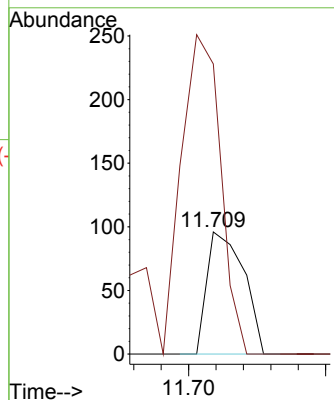
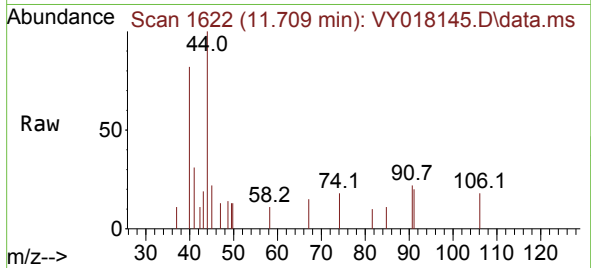




#68
m/p-Xylenes
Concen: 1.605 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

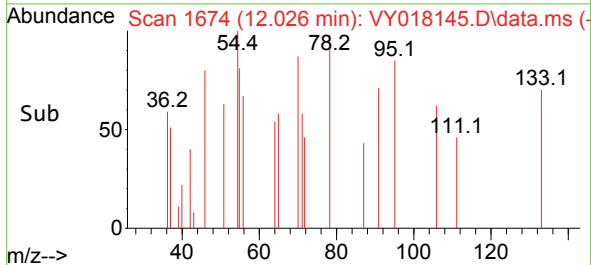
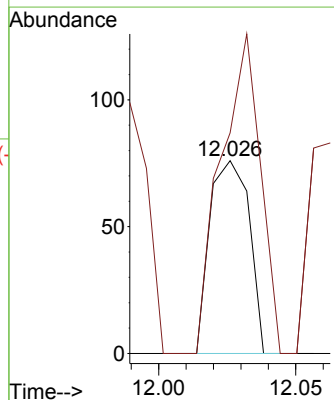
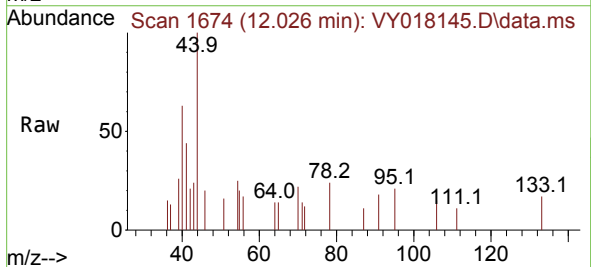
Instrument :
MSVOA_Y
ClientSampleId :

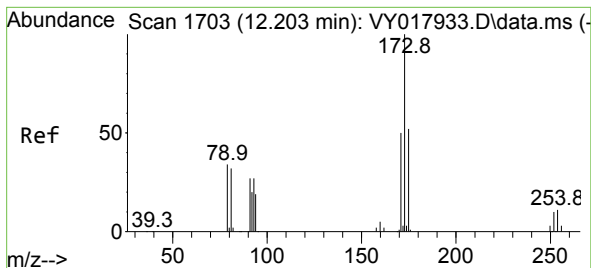
Tgt Ion:106 Resp: 89
Ion Ratio Lower Upper
106 100
91 279.8 156.0 234.0#



#69
o-Xylene
Concen: 1.427 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion:106 Resp: 76
Ion Ratio Lower Upper
106 100
91 165.8 103.6 310.8





#71

Bromoform

Concen: 1.476 ug/l

RT: 12.459 min Scan# 11

Delta R.T. 0.250 min

Lab File: VY018145.D

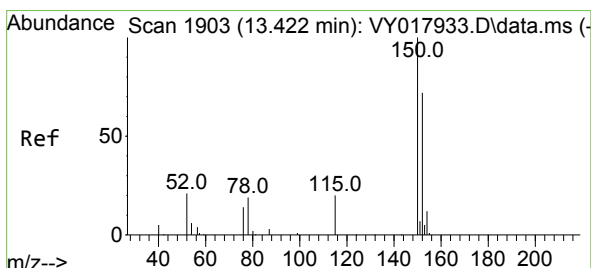
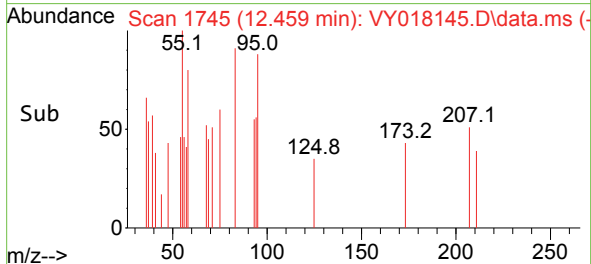
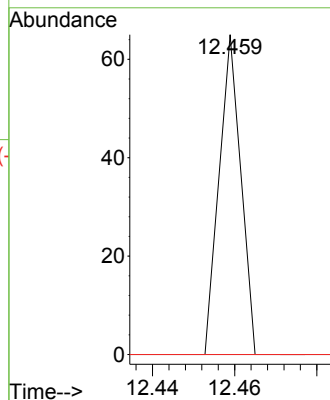
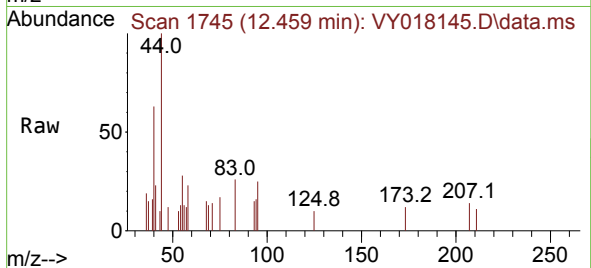
Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	24
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

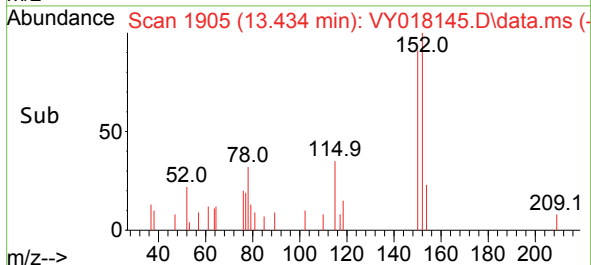
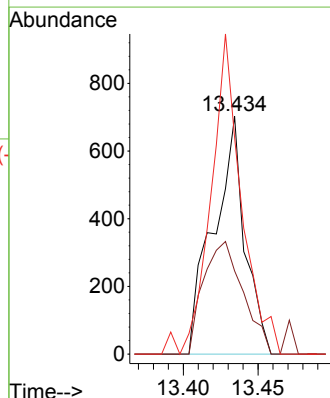
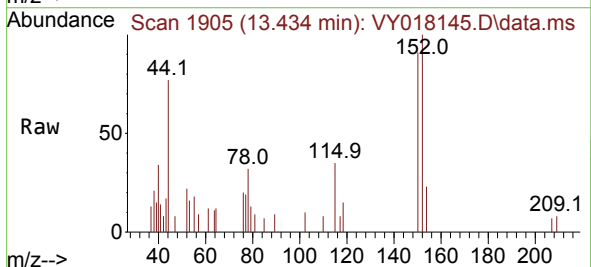
RT: 13.434 min Scan# 1905

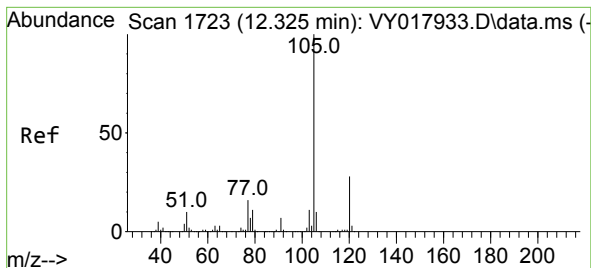
Delta R.T. 0.006 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Tgt Ion:152	Resp:	1023
Ion Ratio	Lower	Upper
152	100	
115	59.9	28.2
150	131.8	0.0





#73

Isopropylbenzene

Concen: 1.312 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

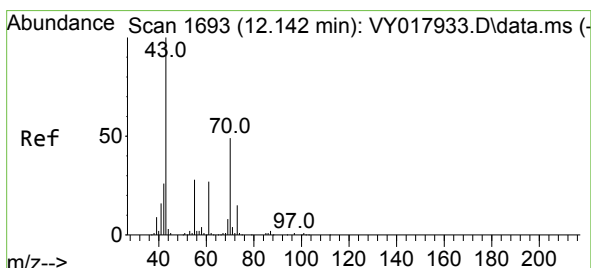
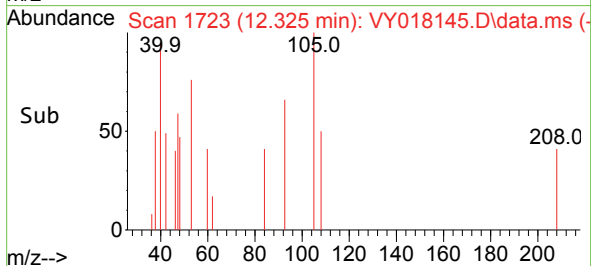
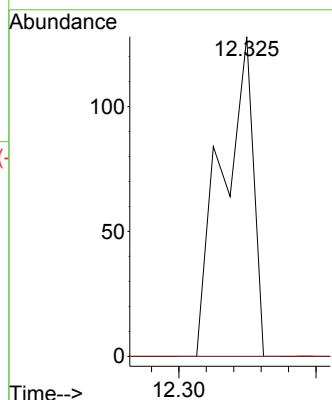
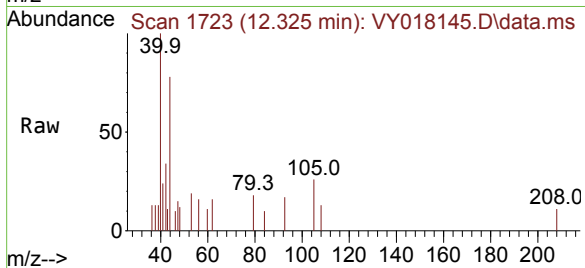
ClientSampleId :

Tgt Ion:105 Resp: 101

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.1#



#74

N-ethyl acetate

Concen: 3.551 ug/l

RT: 12.130 min Scan# 1691

Delta R.T. -0.012 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Tgt Ion: 43 Resp: 60

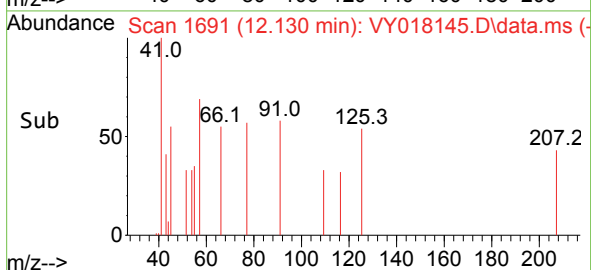
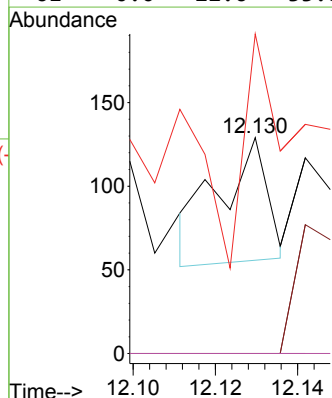
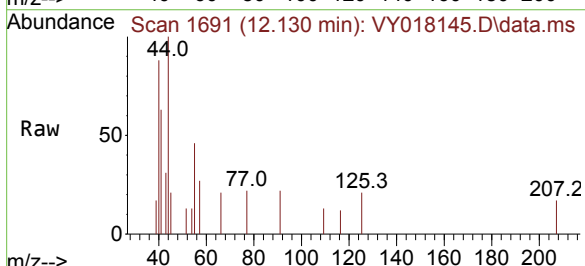
Ion Ratio Lower Upper

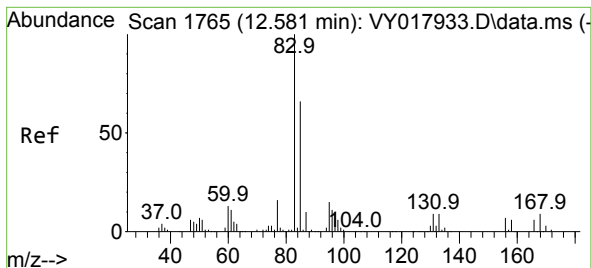
43 100

70 88.3 41.4 62.2#

55 231.7 23.3 34.9#

61 0.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.959 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.030 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

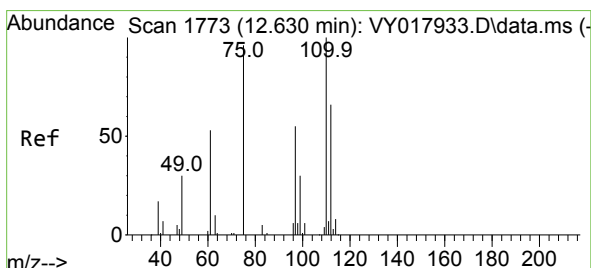
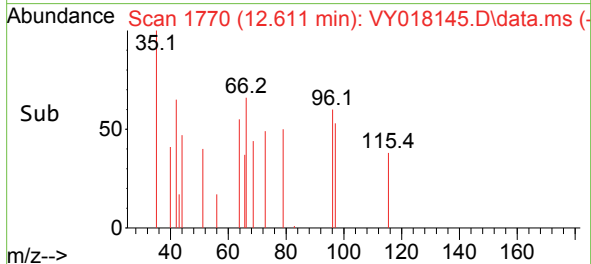
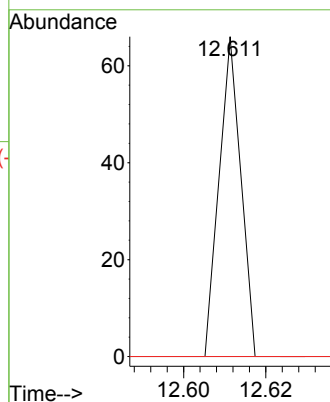
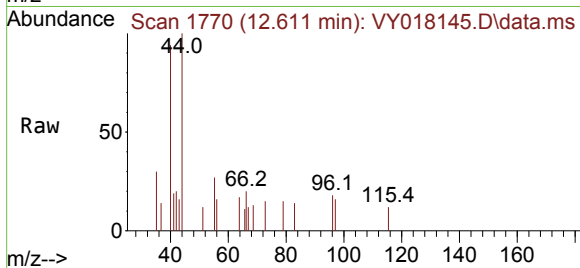
Tgt Ion: 83 Resp: 24

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: 7.105 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.061 min

Lab File: VY018145.D

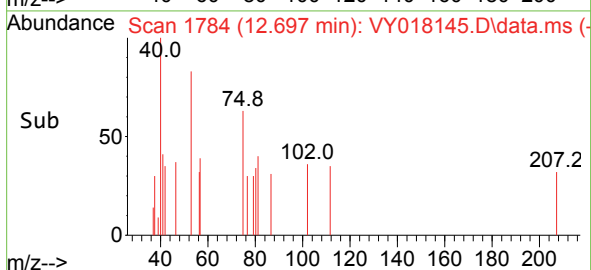
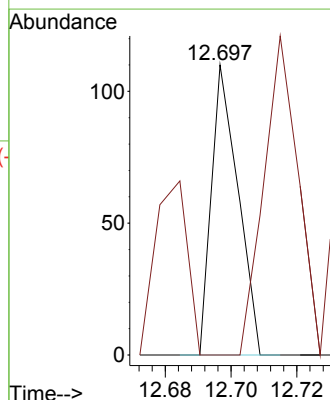
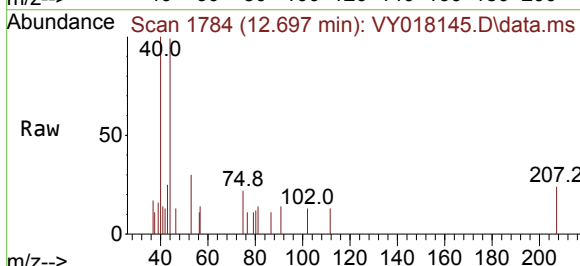
Acq: 03 May 2024 16:09

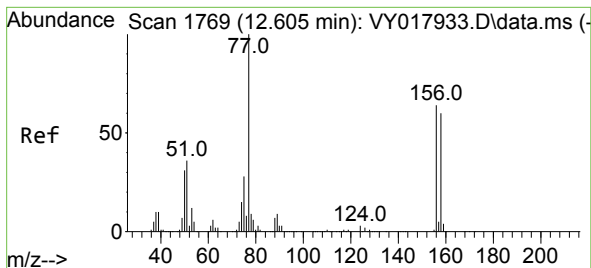
Tgt Ion: 75 Resp: 61

Ion Ratio Lower Upper

75 100

77 73.8 0.0 0.0#





#77

Bromobenzene

Concen: 1.039 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.147 min

Lab File: VY018145.D

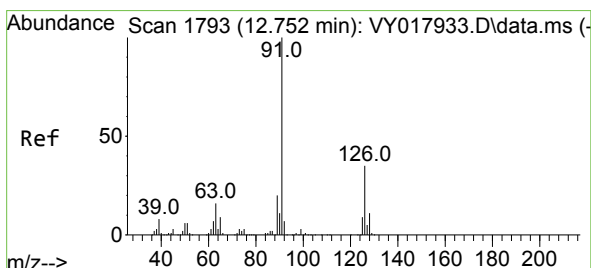
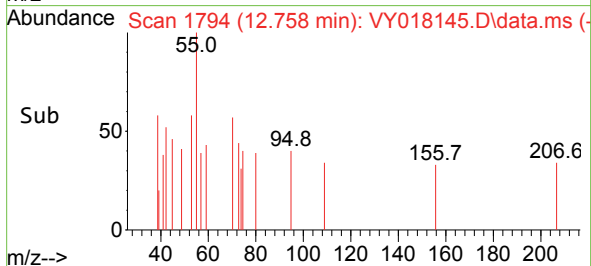
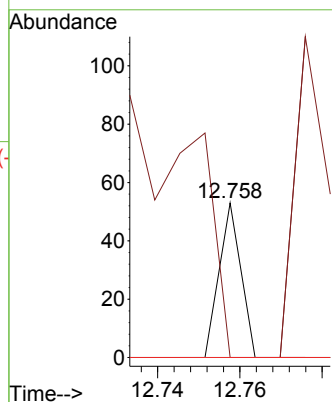
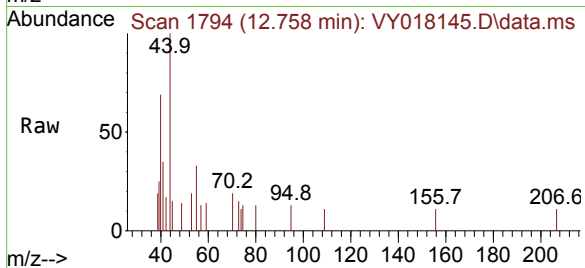
Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	19
Ion	Ratio	Lower	Upper
156	100		
77	321.1	87.1	261.3#
158	0.0	48.6	145.9#



#79

2-Chlorotoluene

Concen: 1.867 ug/l

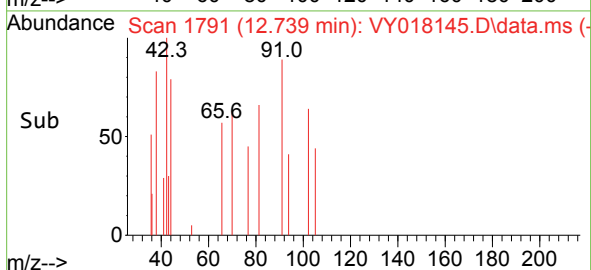
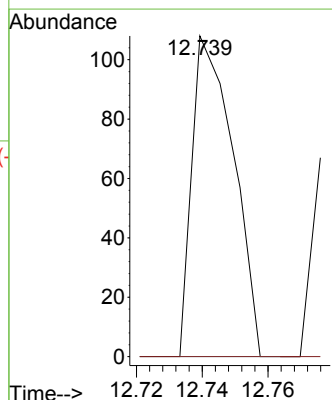
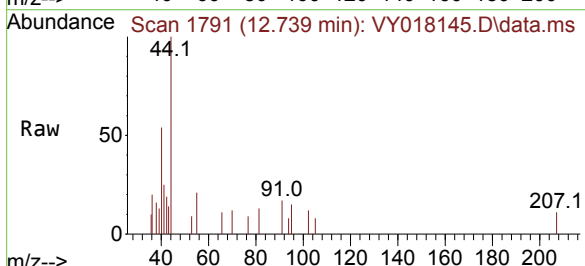
RT: 12.739 min Scan# 1791

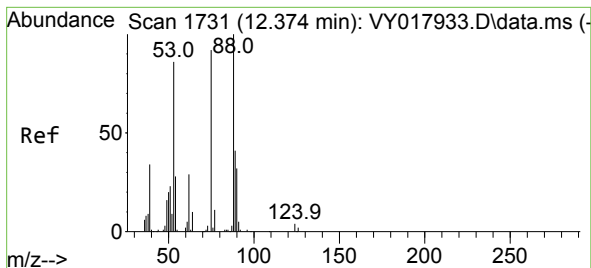
Delta R.T. -0.018 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

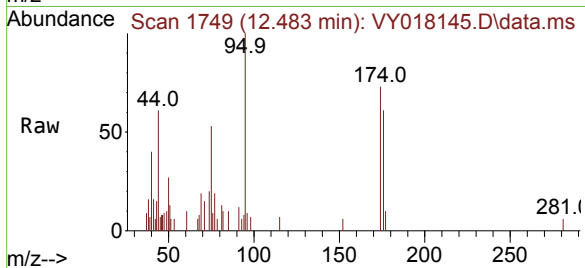
Tgt Ion:	91	Resp:	94
Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.8	53.5#



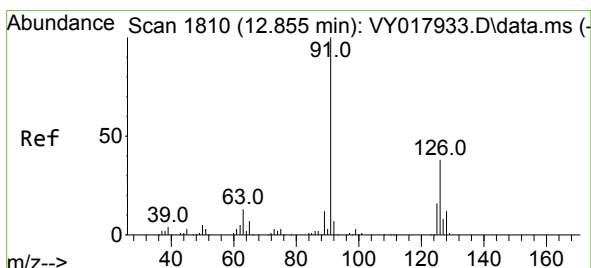
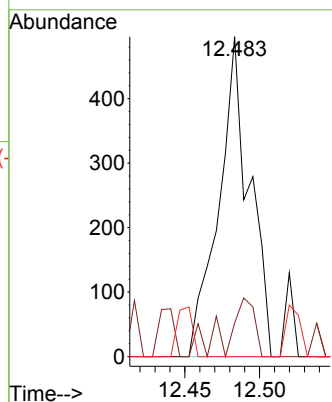
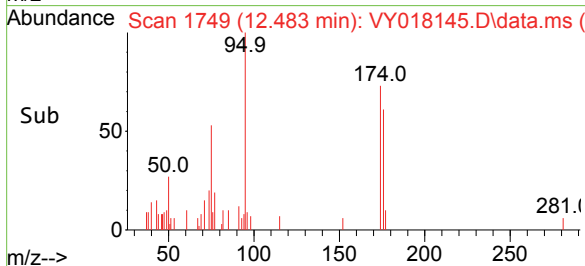


#81
trans-1,4-Dichloro-2-butene
Concen: 150.018 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

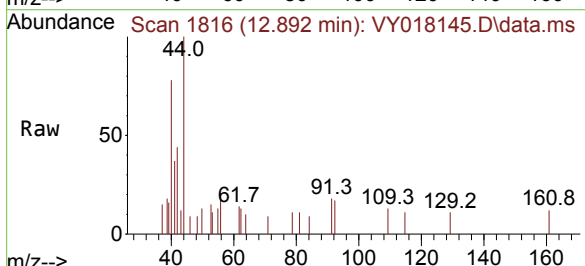
Instrument :
MSVOA_Y
ClientSampleId :



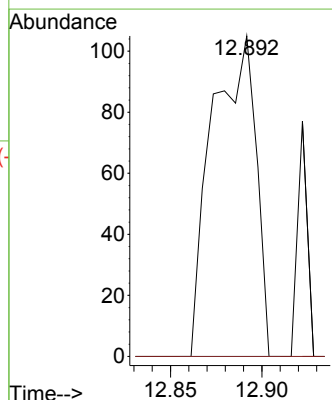
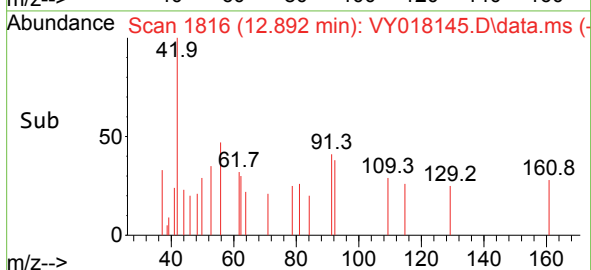
Tgt Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
53 14.6 66.8 100.2#
89 0.0 35.8 53.6#

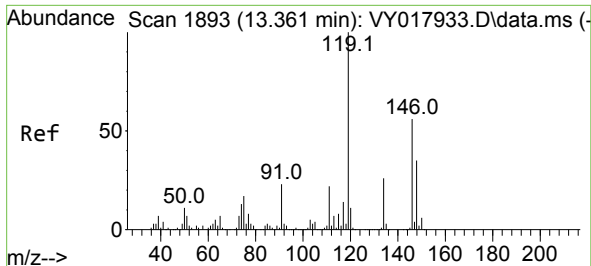


#82
4-Chlorotoluene
Concen: 3.392 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.037 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09



Tgt Ion: 91 Resp: 175
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#

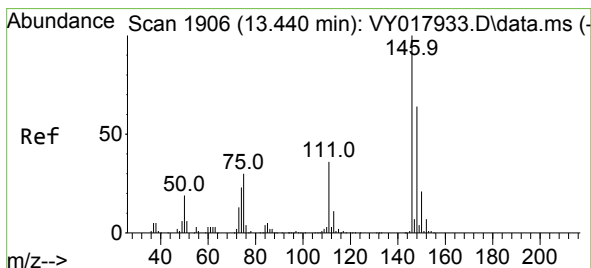
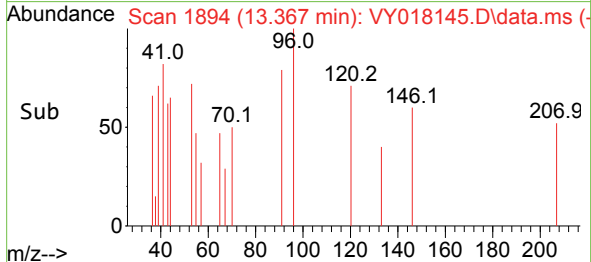
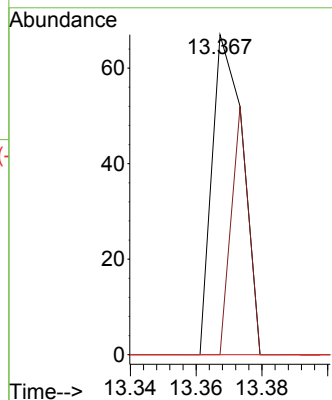
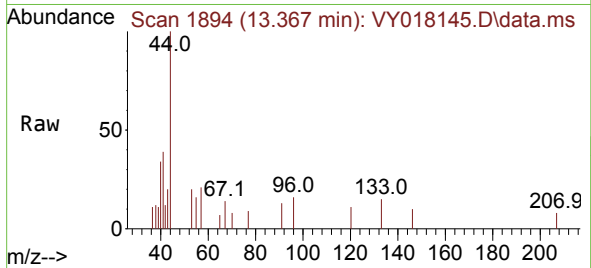




#87
1,3-Dichlorobenzene
Concen: 1.257 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

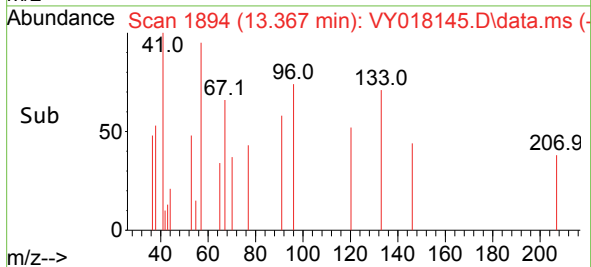
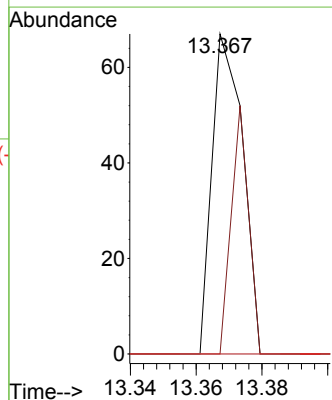
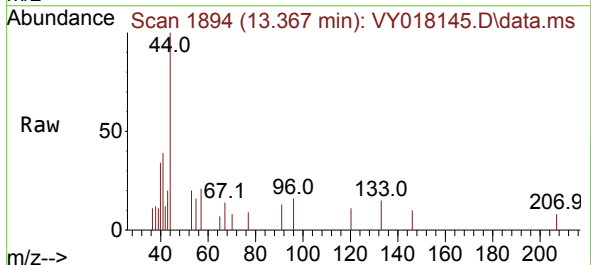
Instrument :
MSVOA_Y
ClientSampleId :

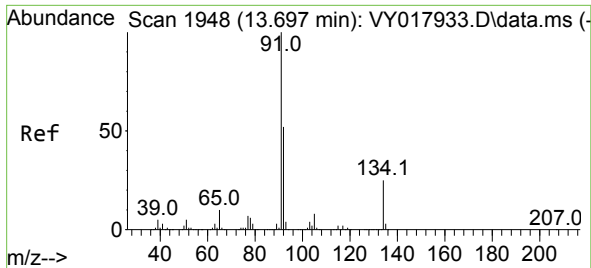
Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
111 43.2 19.0 57.0
148 0.0 31.7 95.1#



#88
1,4-Dichlorobenzene
Concen: 1.276 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.079 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion:146 Resp: 44
Ion Ratio Lower Upper
146 100
111 43.2 18.4 55.4
148 0.0 32.4 97.2#





#89

n-Butylbenzene

Concen: 2.428 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018145.D

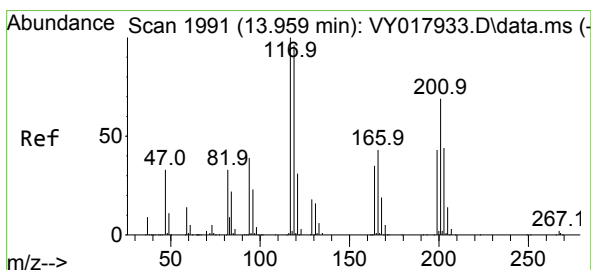
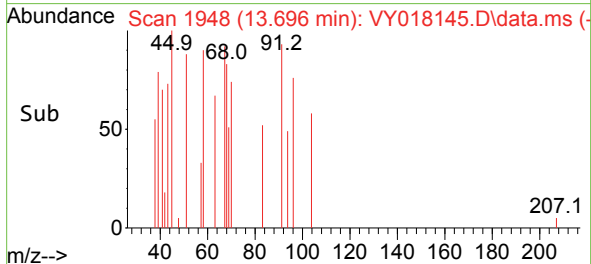
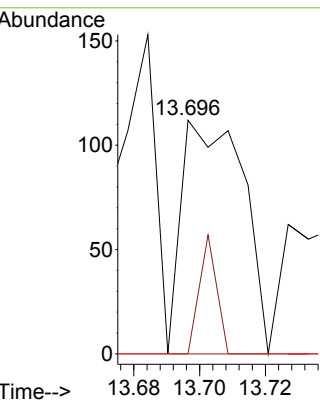
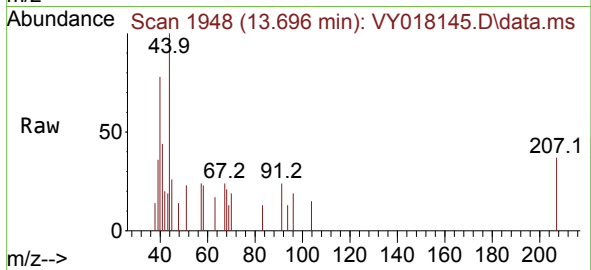
Acq: 03 May 2024 16:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	146
Ion	Ratio	Lower	Upper
91	100		
92	14.4	26.6	79.7#
134	0.0	12.9	38.7#



#90

Hexachloroethane

Concen: 2.898 ug/l

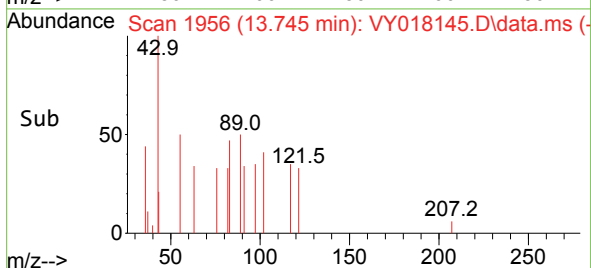
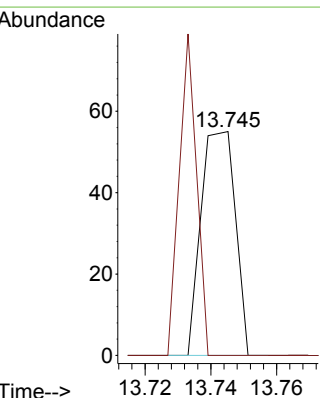
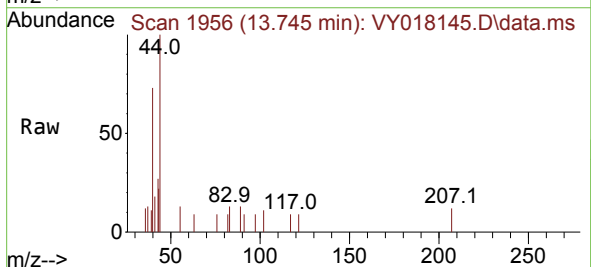
RT: 13.745 min Scan# 1956

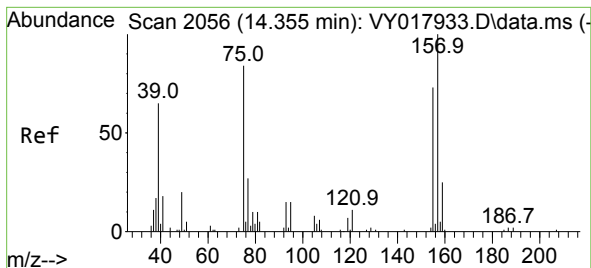
Delta R.T. -0.213 min

Lab File: VY018145.D

Acq: 03 May 2024 16:09

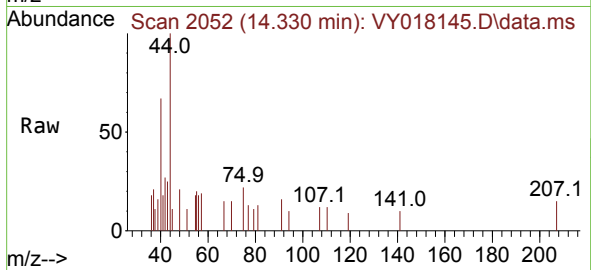
Tgt Ion:	117	Resp:	40
Ion	Ratio	Lower	Upper
117	100		
201	72.5	37.4	112.2



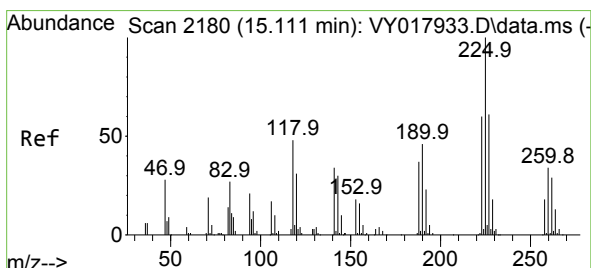
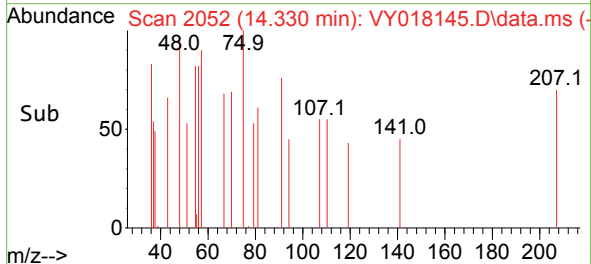
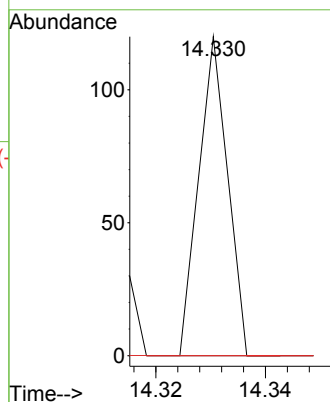


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.808 ug/l
RT: 14.330 min Scan# 2056
Delta R.T. -0.024 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :

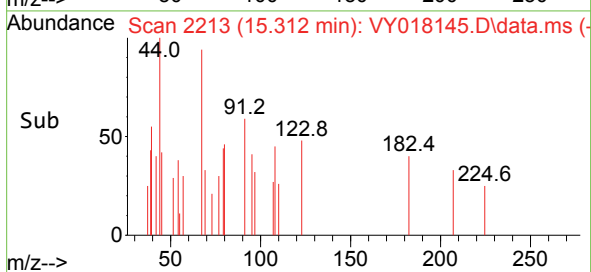
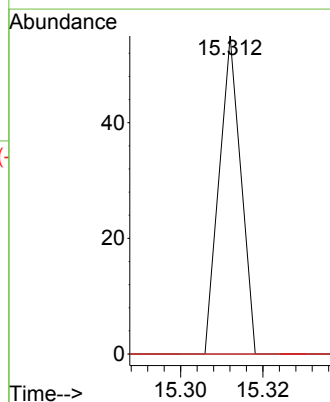
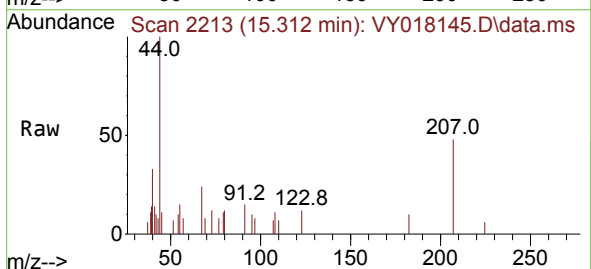


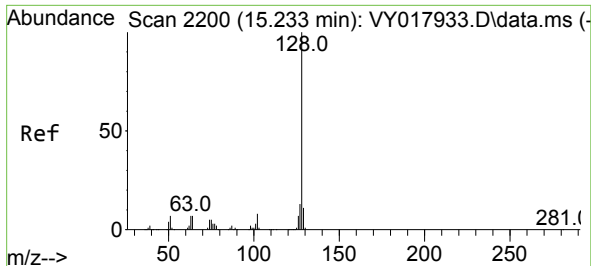
Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#94
Hexachlorobutadiene
Concen: 2.120 ug/l
RT: 15.312 min Scan# 2213
Delta R.T. 0.201 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

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

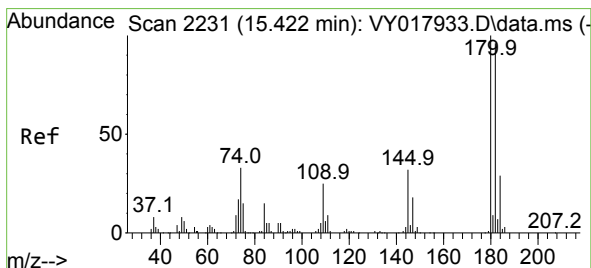
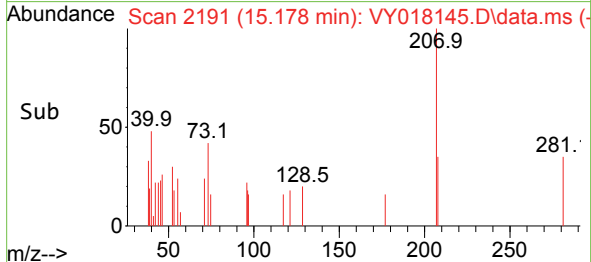
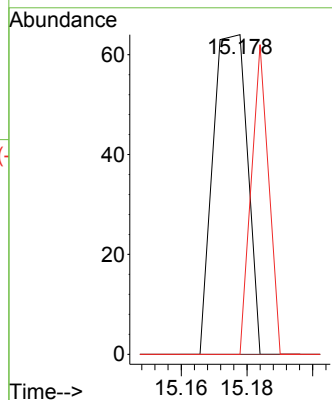
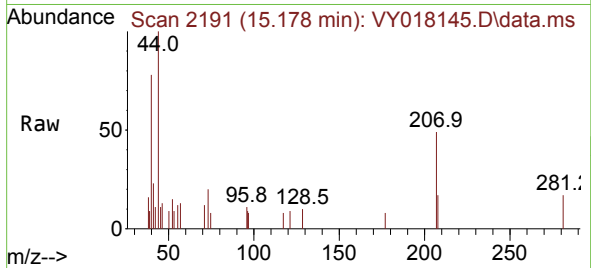




#95
Naphthalene
Concen: 1.466 ug/l
RT: 15.178 min Scan# 21
Delta R.T. -0.055 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 46
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 50.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.617 ug/l
RT: 15.599 min Scan# 2260
Delta R.T. 0.177 min
Lab File: VY018145.D
Acq: 03 May 2024 16:09

Tgt Ion:180 Resp: 23
Ion Ratio Lower Upper
180 100
182 0.0 47.6 142.9#
145 0.0 15.4 46.1#

