

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019945.D
 Acq On : 18 Oct 2024 12:03
 Operator : SY/MD
 Sample : P4421-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 23:30:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	1725	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.616	114	3409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.432	117	1372	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	360	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1631	76.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.580%	
35) Dibromofluoromethane	7.634	113	1460	64.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.800%	
50) Toluene-d8	10.109	98	2696	32.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 64.900%	
62) 4-Bromofluorobenzene	12.414	95	335	11.160	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 22.320%#	

Target Compounds			Qvalue			
3) Chloromethane	2.086	50	117	5.598	ug/l #	43
4) Vinyl Chloride	2.105	62	133	5.783	ug/l #	42
5) Bromomethane	2.617	94	175	12.021	ug/l #	3
6) Chloroethane	2.775	64	95	6.149	ug/l #	42
8) Diethyl Ether	3.330	74	34	3.269	ug/l #	5
10) Methyl Iodide	4.013	142	105	5.215	ug/l #	30
11) Tert butyl alcohol	5.110	59	50	12.373	ug/l #	88
13) Acrolein	3.745	56	21	13.456	ug/l #	15
14) Allyl chloride	4.391	41	55	1.647	ug/l #	69
15) Acrylonitrile	5.092	53	23	4.835	ug/l #	8
16) Acetone	3.866	43	23	4.160	ug/l #	36
18) Methyl Acetate	4.342	43	19	1.595	ug/l #	46
21) trans-1,2-Dichloroethene	5.159	96	28	1.390	ug/l #	1
24) 1,1-Dichloroethane	5.830	63	60	1.484	ug/l #	80
25) 2-Butanone	6.933	43	24	3.243	ug/l #	41
28) Bromochloromethane	7.457	49	56	3.147	ug/l #	6
29) Tetrahydrofuran	7.256	42	68	16.092	ug/l #	26
30) Chloroform	7.658	83	59	1.432	ug/l #	17
31) Cyclohexane	7.726	56	39	1.099	ug/l #	11
36) 1,1-Dichloropropene	7.707	75	131	4.042	ug/l #	40
37) Ethyl Acetate	6.994	43	48	2.840	ug/l #	67
38) Carbon Tetrachloride	7.707	117	102	2.936	ug/l #	13
41) Methacrylonitrile	7.207	41	23	2.515	ug/l #	15
42) 1,2-Dichloroethane	8.293	62	52	1.845	ug/l #	71
47) Bromodichloromethane	9.433	83	44	1.236	ug/l #	26
48) Methyl methacrylate	9.231	41	94	6.200	ug/l #	24
51) 4-Methyl-2-Pentanone	10.012	43	29	1.650	ug/l #	31
54) cis-1,3-Dichloropropene	9.908	75	51	1.349	ug/l #	54
59) 2-Hexanone	10.786	43	23	1.832	ug/l #	19
67) Ethyl Benzene	11.633	91	67	1.175	ug/l #	44
69) o-Xylene	11.694	106	21	1.038	ug/l #	1
74) N-ethyl acetate	12.085	43	36	4.489	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.706	83	68	12.638	ug/l #	26
76) 1,2,3-Trichloropropane	12.414	75	230	32.613	ug/l #	100
79) 2-Chlorotoluene	12.670	91	79	3.766	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.194	75	44	25.183	ug/l #	45

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

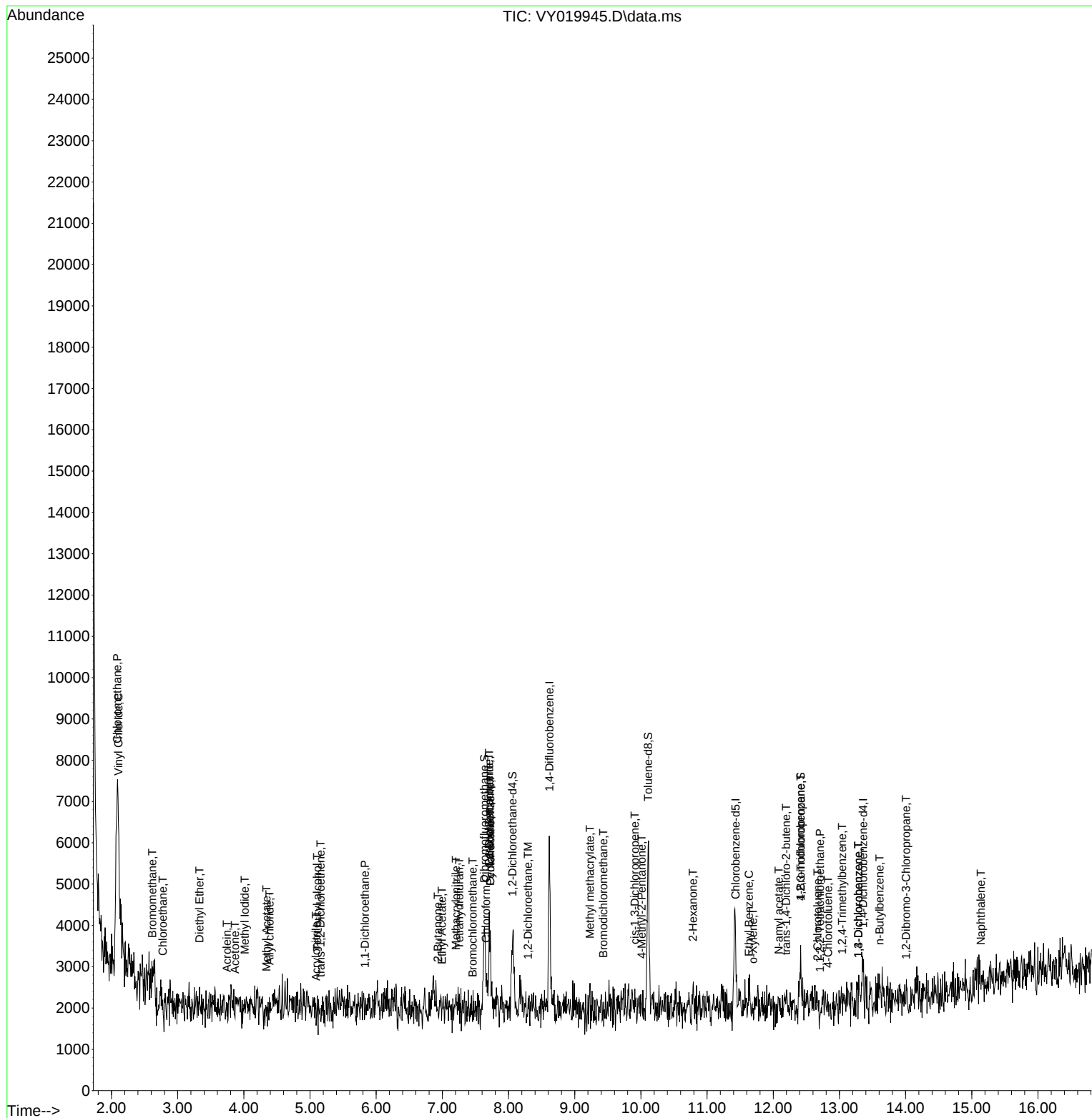
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.828	91	44	2.051	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.042	105	59	2.433	ug/l #	30
87) 1,3-Dichlorobenzene	13.286	146	20	1.541	ug/l #	14
88) 1,4-Dichlorobenzene	13.286	146	20	1.569	ug/l #	12
89) n-Butylbenzene	13.609	91	121	4.662	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.005	75	23	26.785	ug/l #	1
95) Naphthalene	15.139	128	158	13.103	ug/l #	69

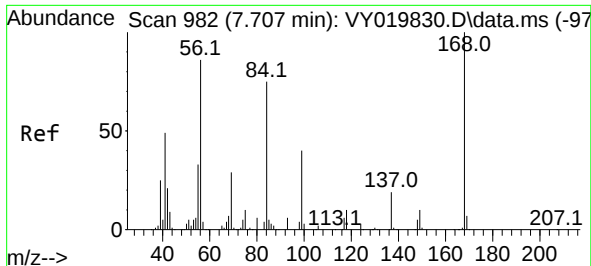
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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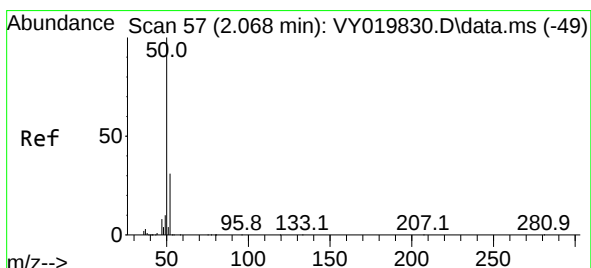
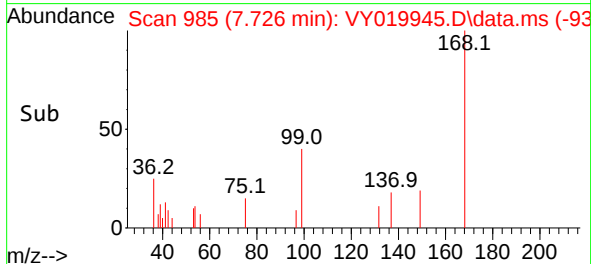
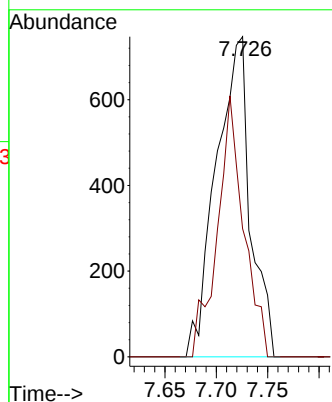
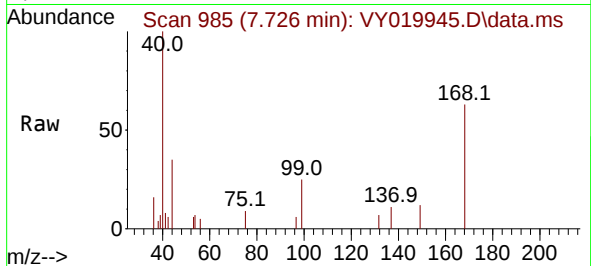




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

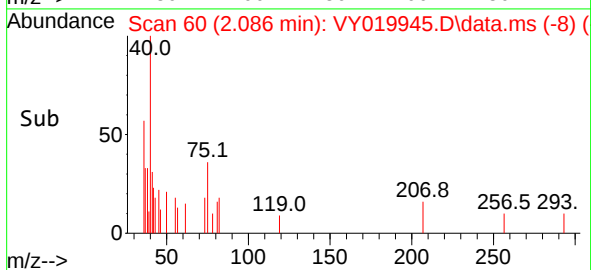
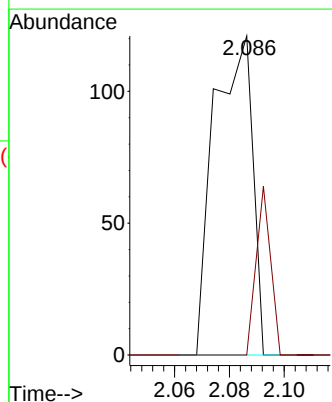
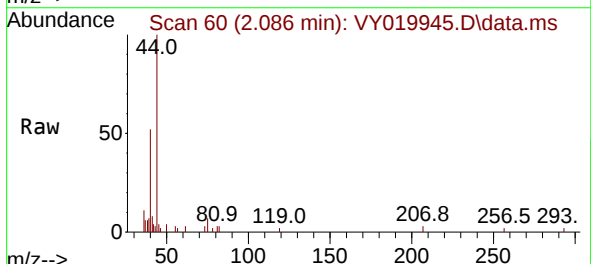
Instrument :
MSVOA_Y
ClientSampleId :

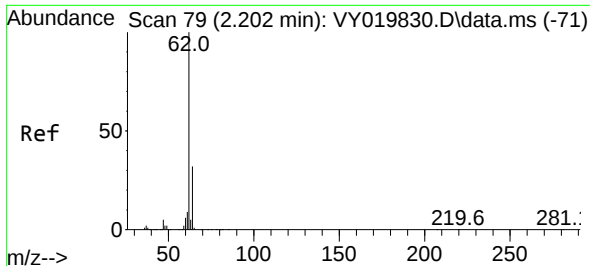
Tgt Ion:168 Resp: 1725
Ion Ratio Lower Upper
168 100
99 40.0 39.1 58.7



#3
Chloromethane
Concen: 5.598 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.019 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 50 Resp: 117
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

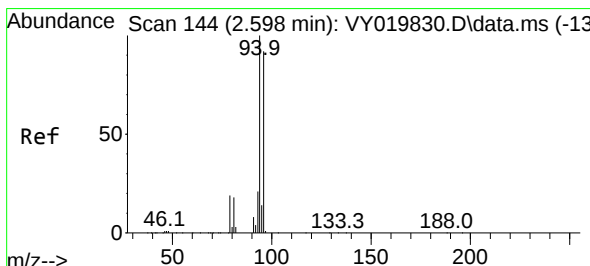
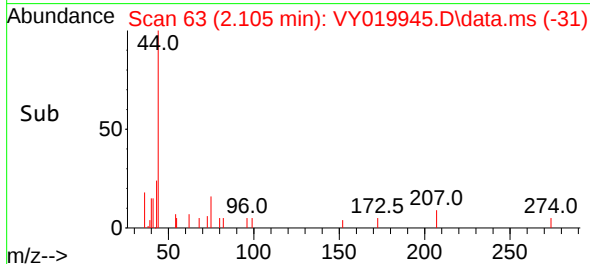
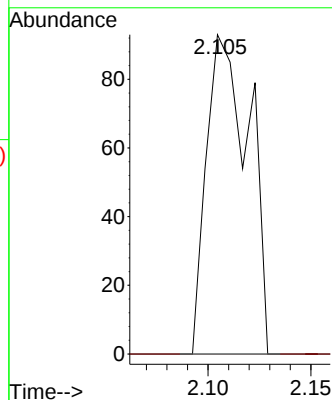
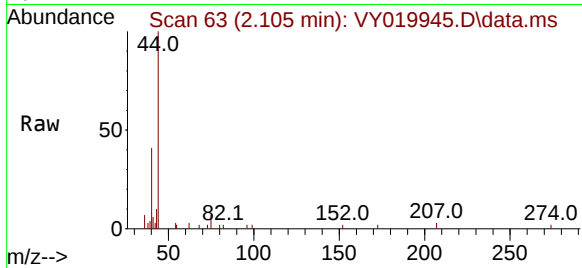




#4
 Vinyl Chloride
 Concen: 5.783 ug/l
 RT: 2.105 min Scan# 61
 Delta R.T. -0.103 min
 Lab File: VY019945.D
 Acq: 18 Oct 2024 12:03

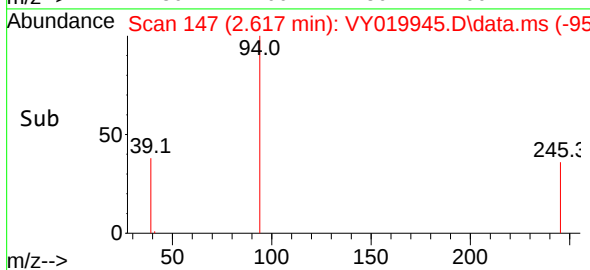
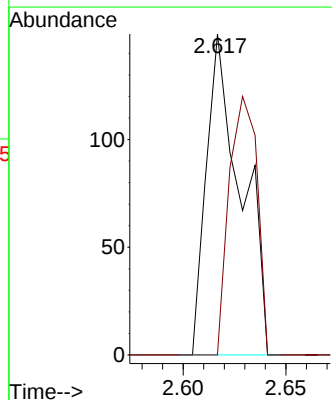
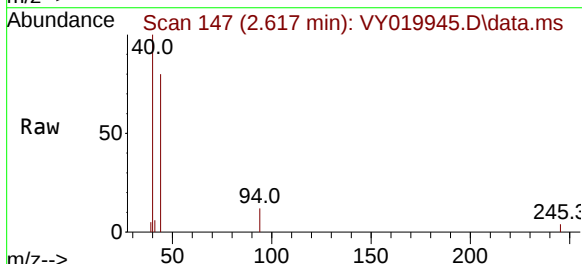
Instrument :
 MSVOA_Y
 ClientSampleId :

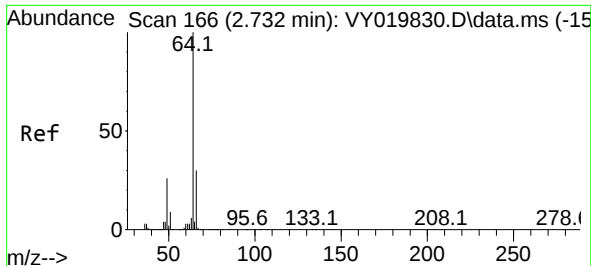
Tgt Ion: 62 Resp: 133
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 12.021 ug/l
 RT: 2.617 min Scan# 147
 Delta R.T. 0.019 min
 Lab File: VY019945.D
 Acq: 18 Oct 2024 12:03

Tgt Ion: 94 Resp: 175
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.1 111.1#

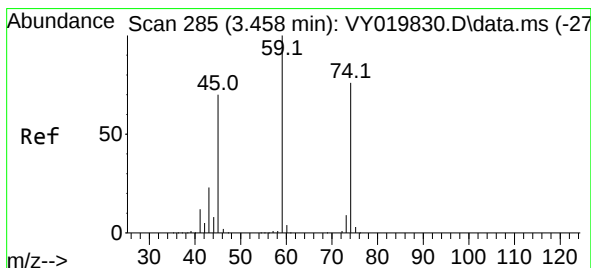
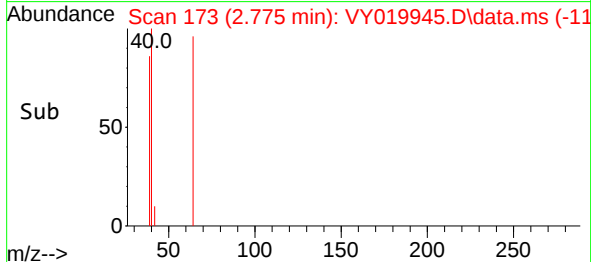
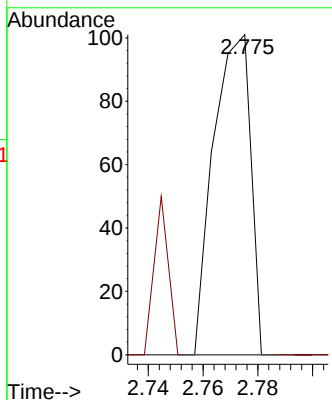
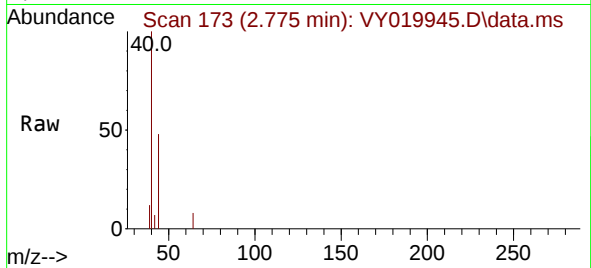




#6
Chloroethane
Concen: 6.149 ug/l
RT: 2.775 min Scan# 11
Delta R.T. 0.037 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

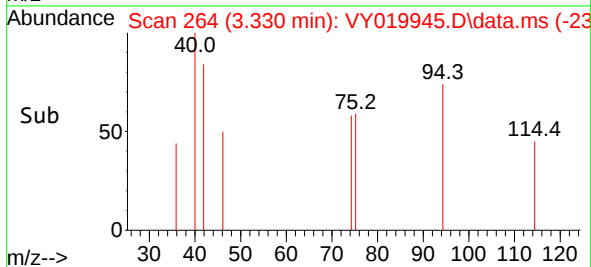
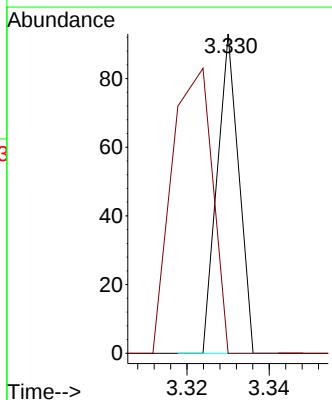
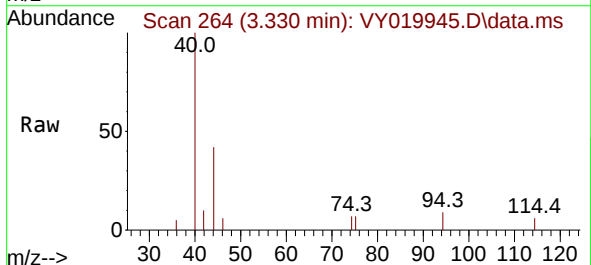
Instrument :
MSVOA_Y
ClientSampleId :

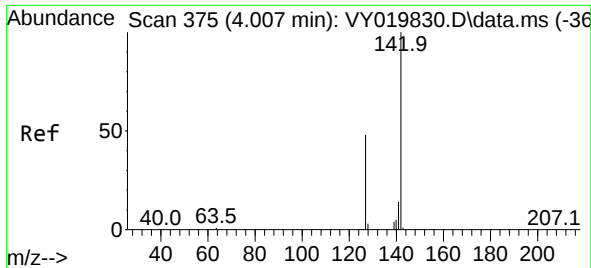
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 3.269 ug/l
RT: 3.330 min Scan# 264
Delta R.T. -0.128 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

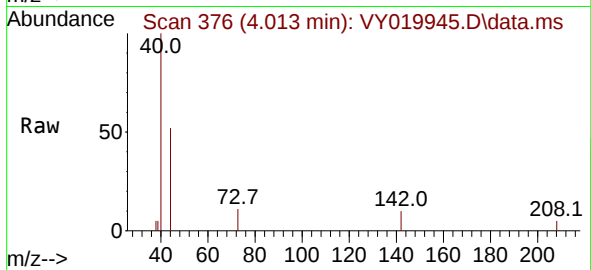
Tgt Ion: 74 Resp: 34
Ion Ratio Lower Upper
74 100
45 167.6 41.3 124.1#



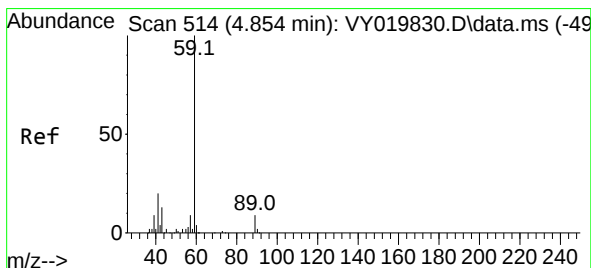
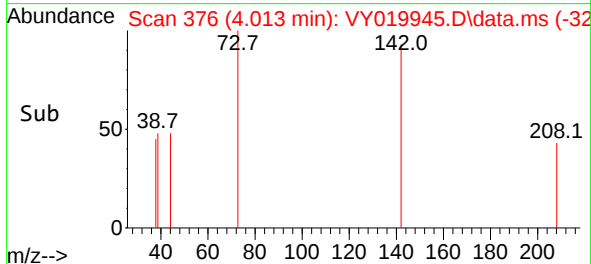
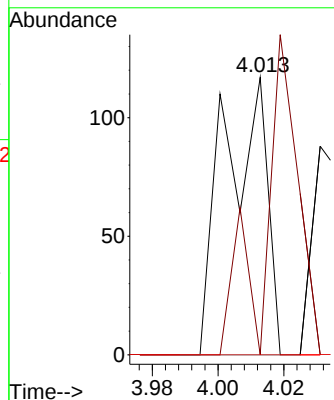


#10
Methyl Iodide
Concen: 5.215 ug/l
RT: 4.013 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

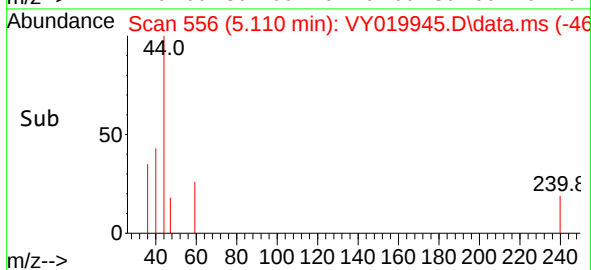
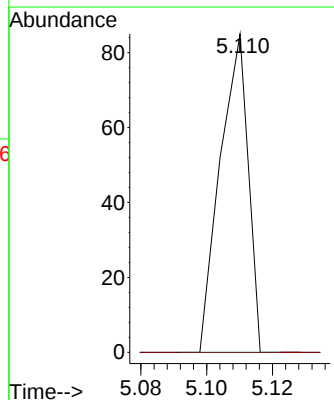
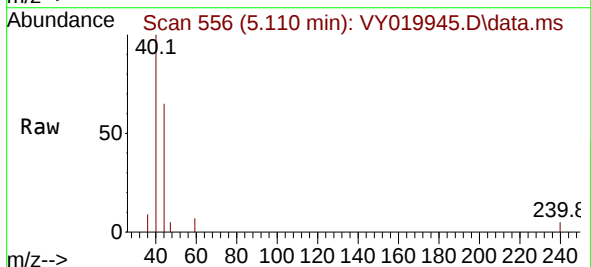


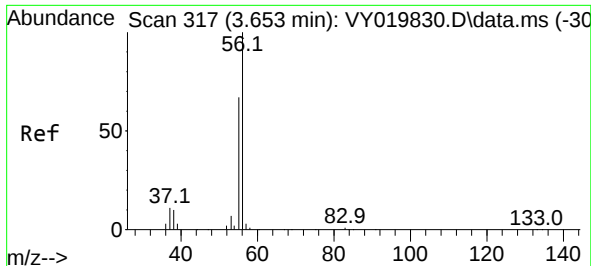
Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
127 92.4 32.8 49.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 12.373 ug/l
RT: 5.110 min Scan# 556
Delta R.T. 0.250 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

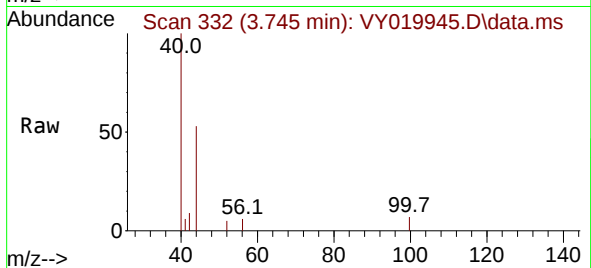
Tgt Ion: 59 Resp: 50
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



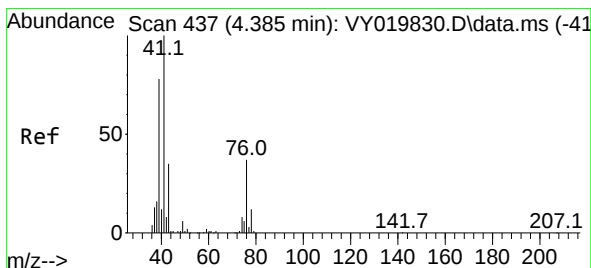
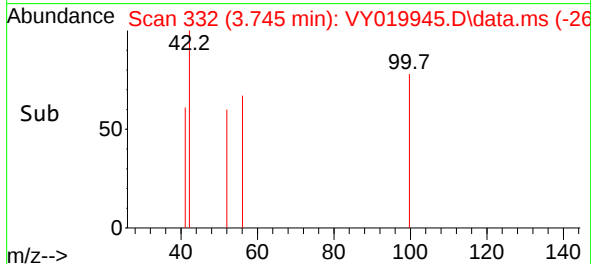
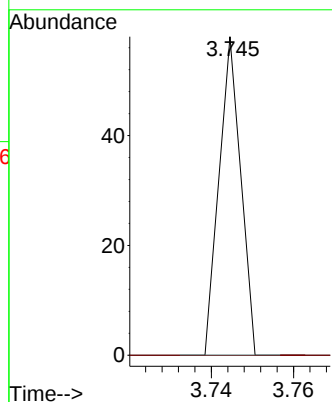


#13
Acrolein
Concen: 13.456 ug/l
RT: 3.745 min Scan# 317
Delta R.T. 0.092 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

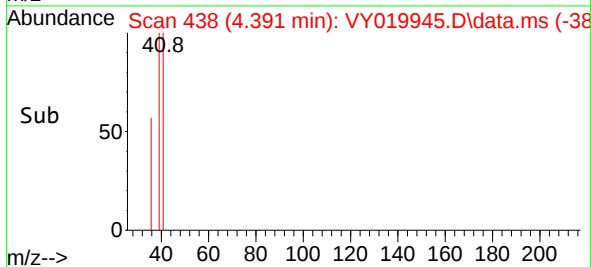
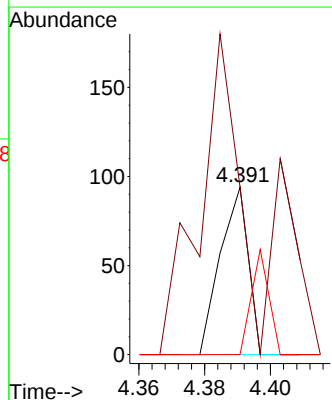
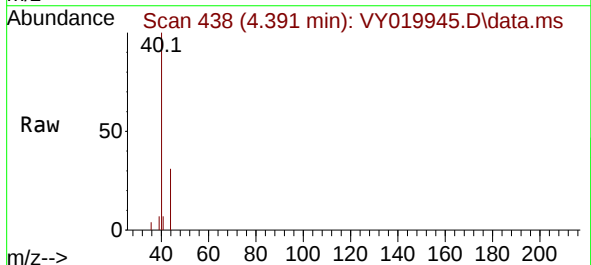


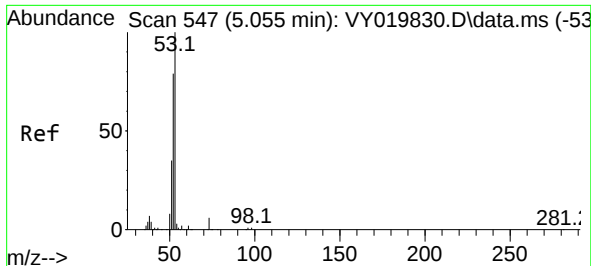
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#14
Allyl chloride
Concen: 1.647 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

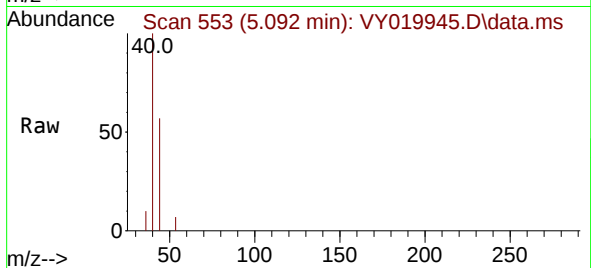
Tgt Ion: 41 Resp: 55
Ion Ratio Lower Upper
41 100
39 109.1 58.3 87.5#
76 40.0 39.0 58.6



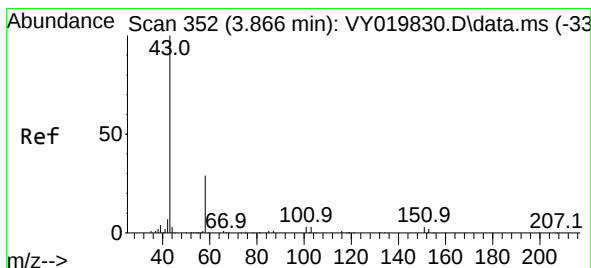
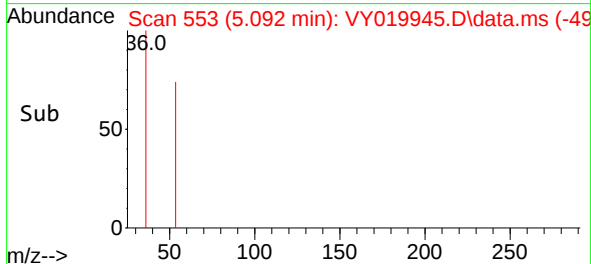
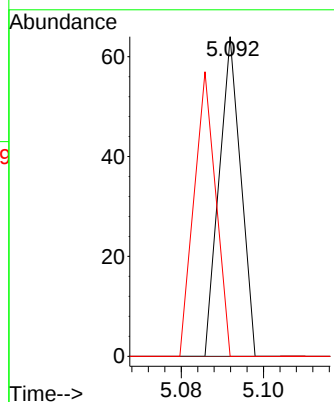


#15
Acrylonitrile
Concen: 4.835 ug/l
RT: 5.092 min Scan# 51
Delta R.T. 0.037 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

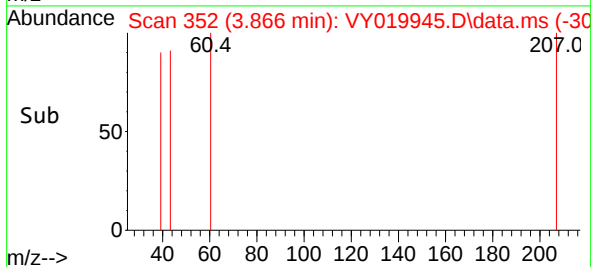
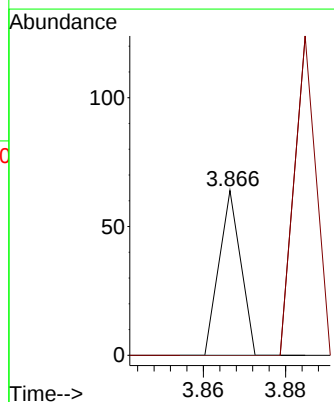
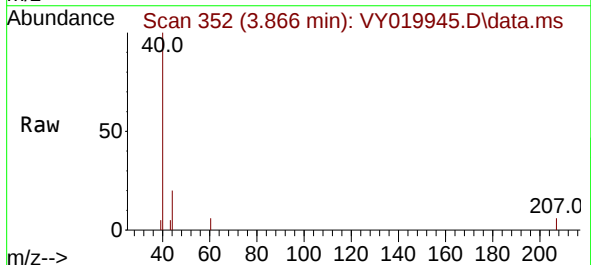


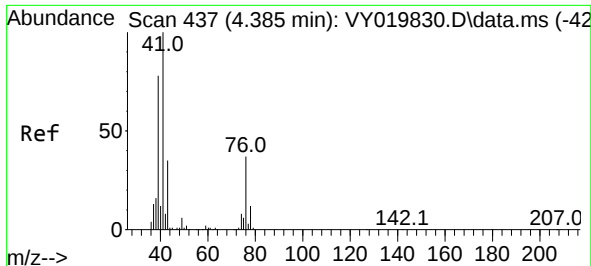
Tgt Ion: 53 Resp: 23
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 91.3 28.4 42.6#



#16
Acetone
Concen: 4.160 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

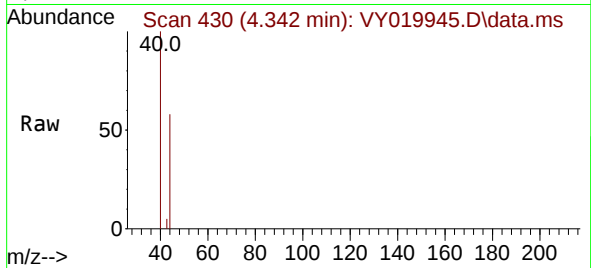
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Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



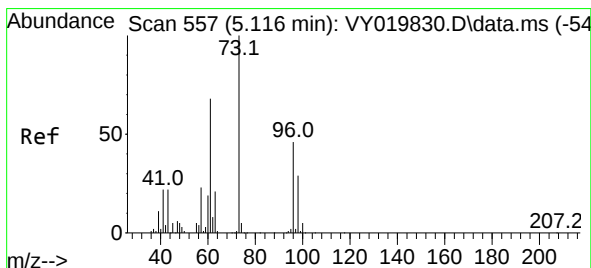
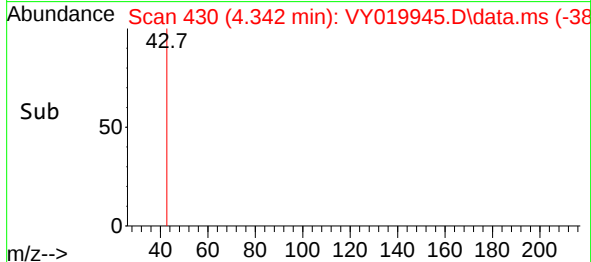
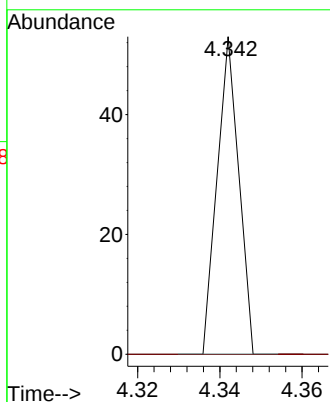


#18
Methyl Acetate
Concen: 1.595 ug/l
RT: 4.342 min Scan# 41
Delta R.T. -0.042 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

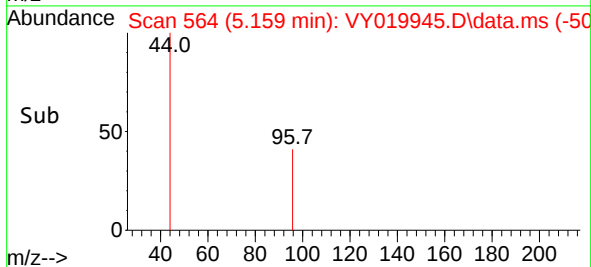
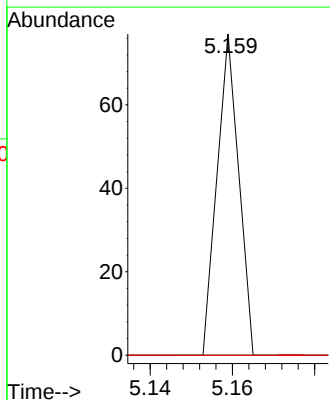
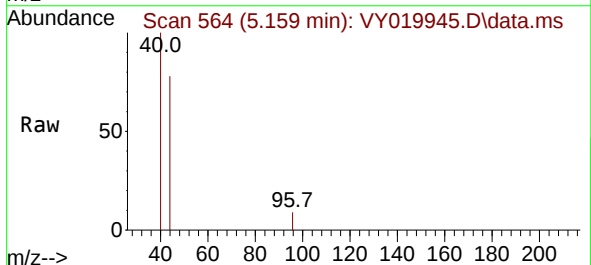


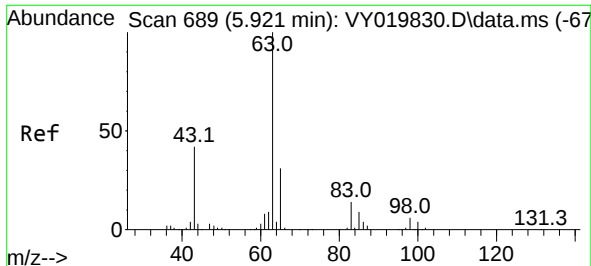
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#21
trans-1,2-Dichloroethene
Concen: 1.390 ug/l
RT: 5.159 min Scan# 564
Delta R.T. 0.049 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 96 Resp: 28
Ion Ratio Lower Upper
96 100
61 0.0 97.5 146.3#
98 0.0 50.5 75.7#

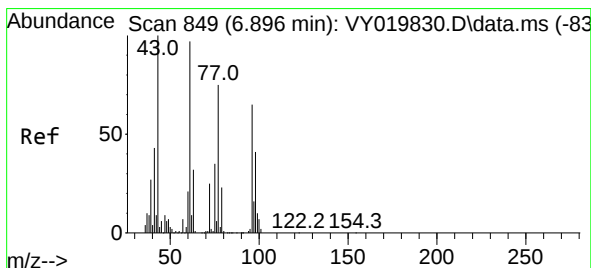
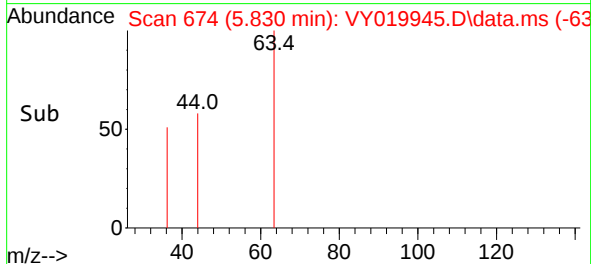
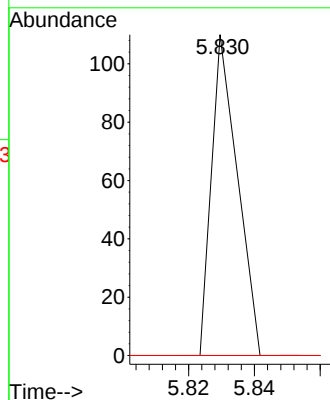
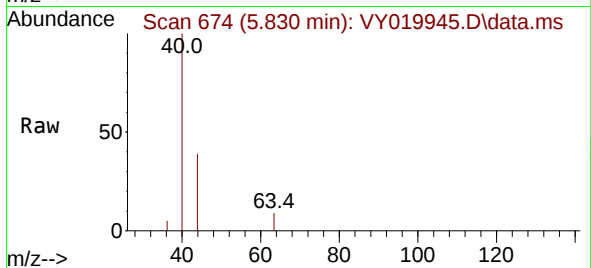




#24
1,1-Dichloroethane
Concen: 1.484 ug/l
RT: 5.830 min Scan# 61
Delta R.T. -0.085 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

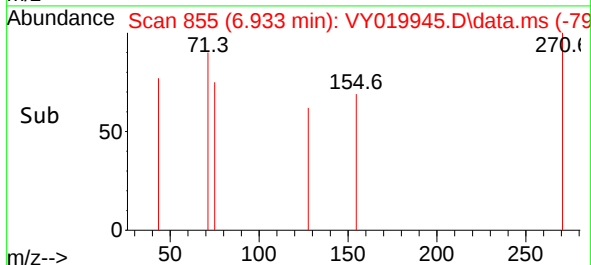
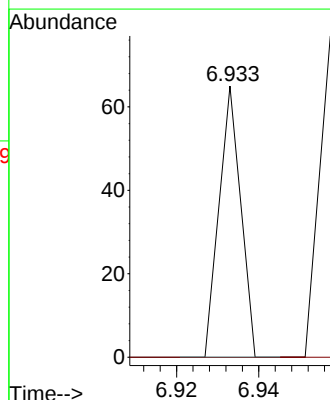
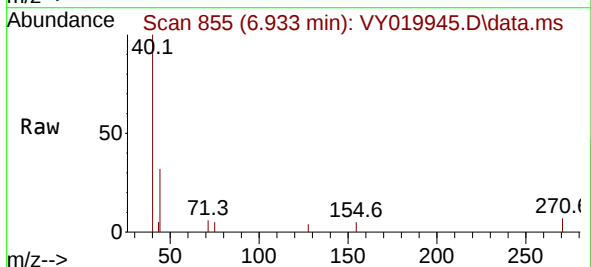
Instrument :
MSVOA_Y
ClientSampleId :

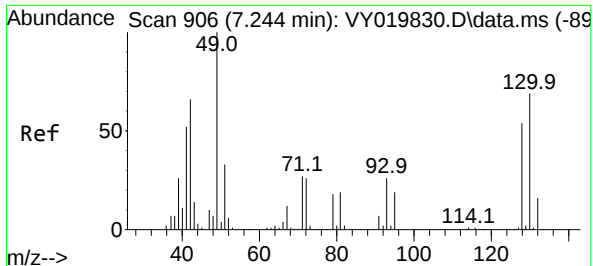
Tgt Ion: 63 Resp: 60
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 3.243 ug/l
RT: 6.933 min Scan# 855
Delta R.T. 0.043 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#28

Bromochloromethane

Concen: 3.147 ug/l

RT: 7.457 min Scan# 941

Delta R.T. 0.214 min

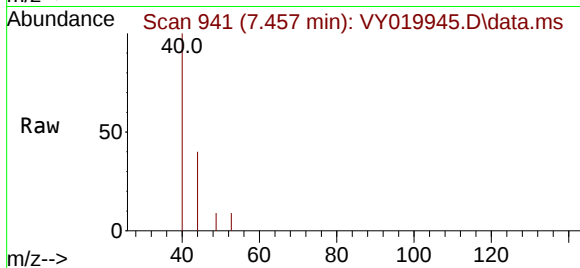
Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

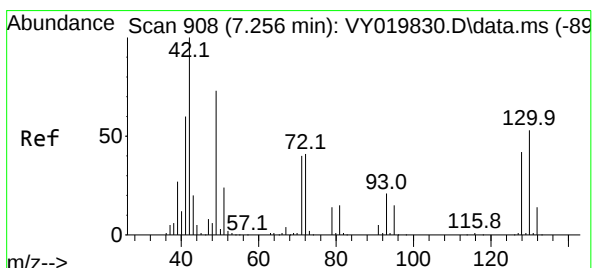
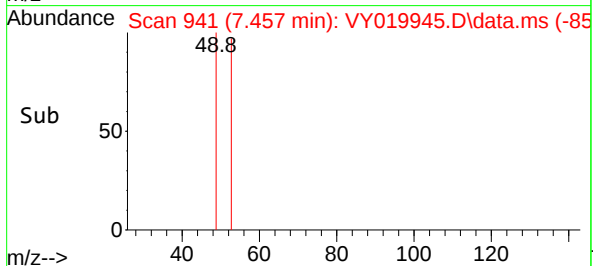
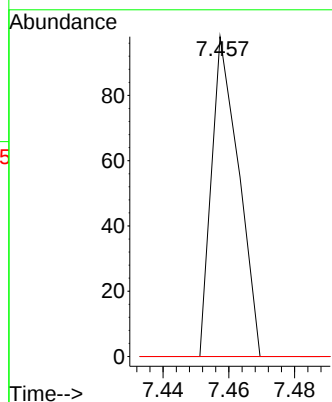
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	49	Resp:	56
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	72.7	109.1#



#29

Tetrahydrofuran

Concen: 16.092 ug/l

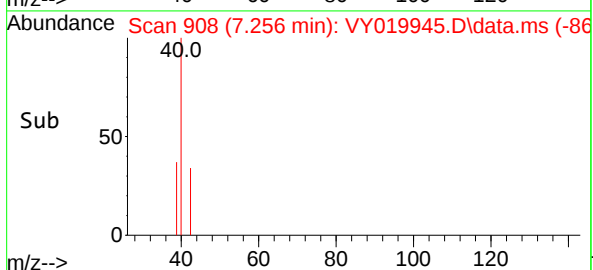
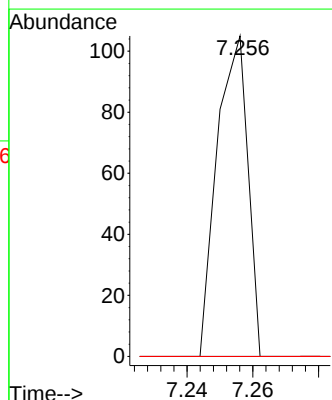
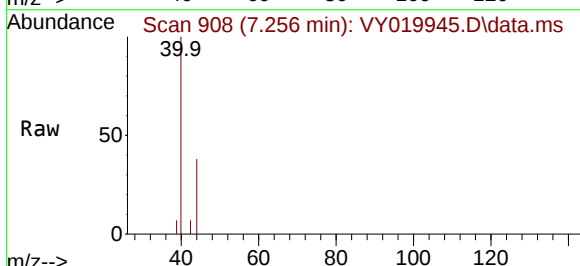
RT: 7.256 min Scan# 908

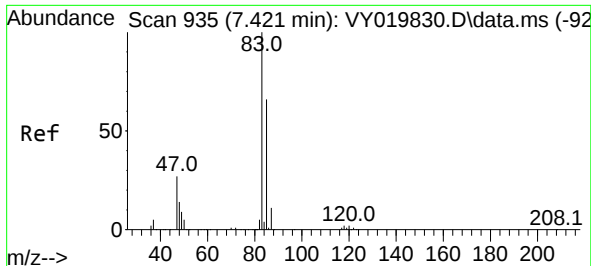
Delta R.T. -0.006 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Tgt Ion:	42	Resp:	68
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#

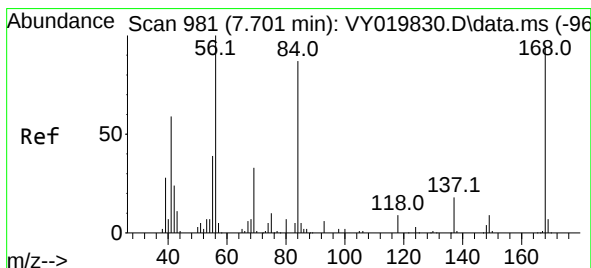
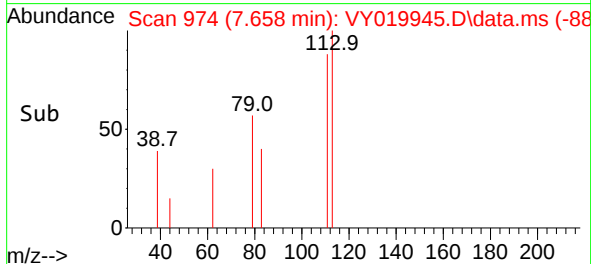
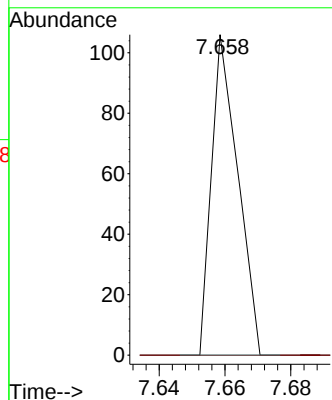
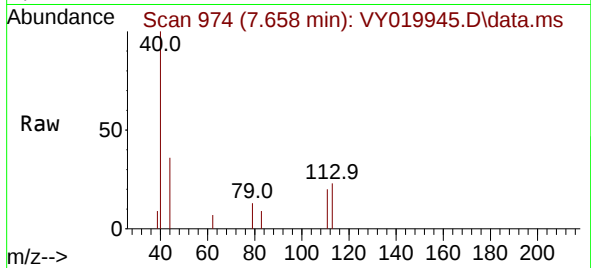




#30
Chloroform
Concen: 1.432 ug/l
RT: 7.658 min Scan# 91
Delta R.T. 0.238 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

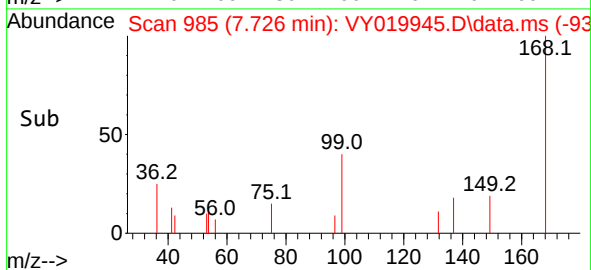
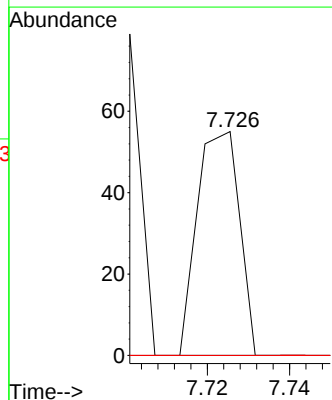
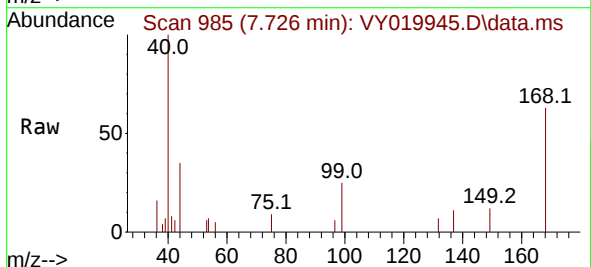
Instrument :
MSVOA_Y
ClientSampleId :

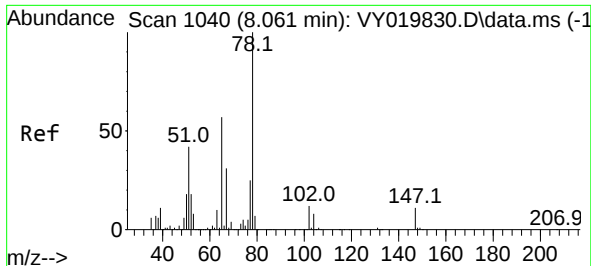
Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.726 min Scan# 985
Delta R.T. 0.025 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 76.790 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

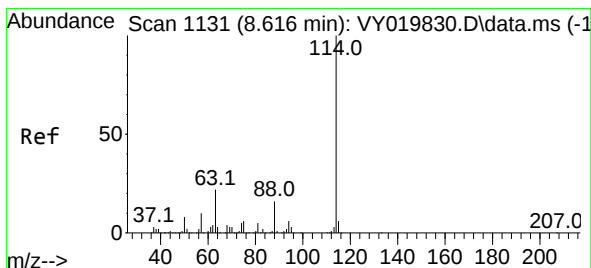
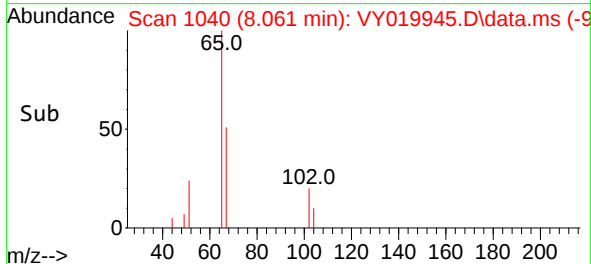
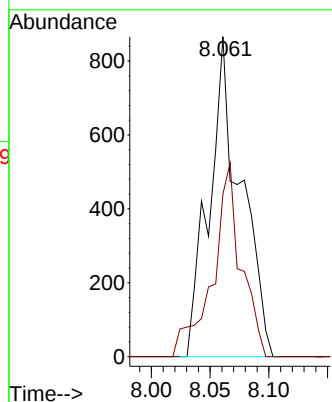
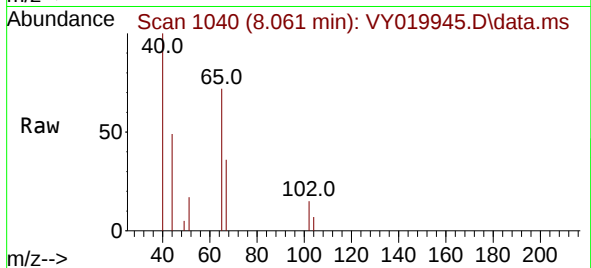
ClientSampleId :

Tgt Ion: 65 Resp: 1631

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

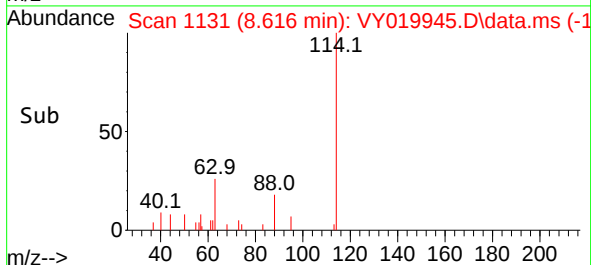
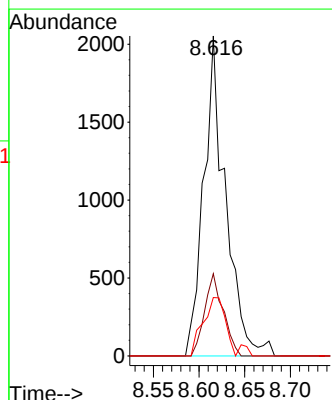
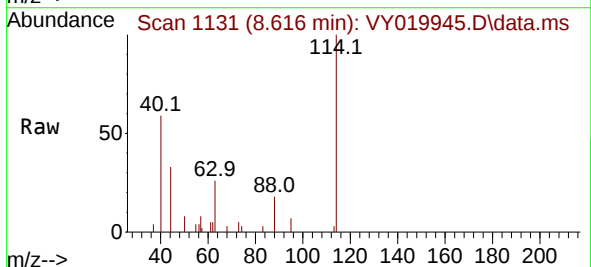
Tgt Ion: 114 Resp: 3409

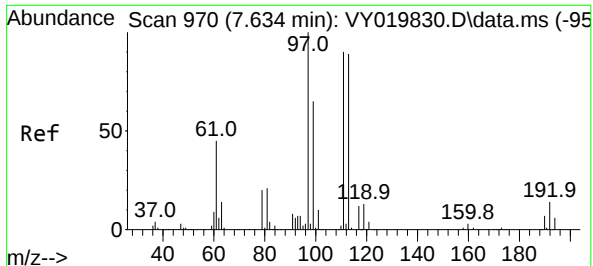
Ion Ratio Lower Upper

114 100

63 25.7 0.0 35.0

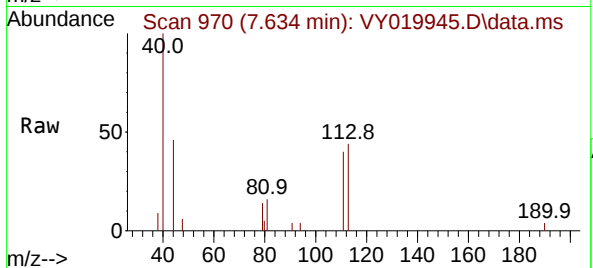
88 18.2 0.0 27.2



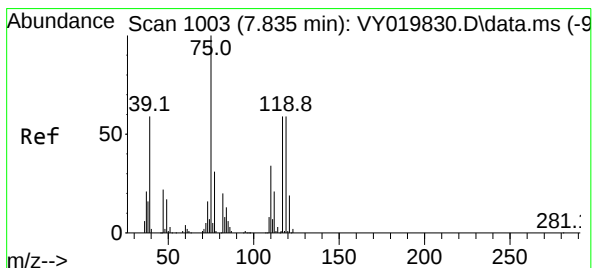
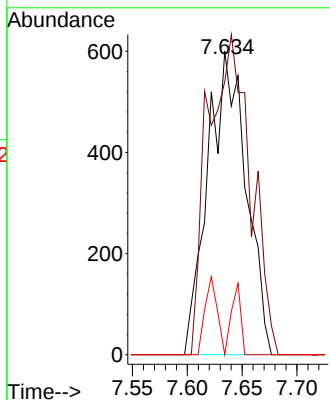
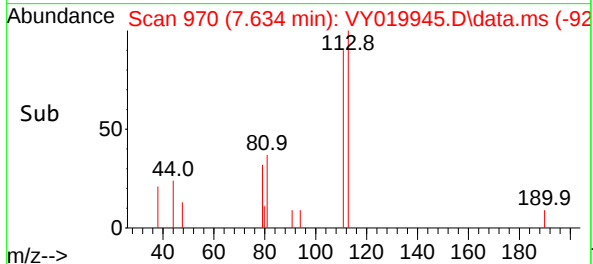


#35
Dibromofluoromethane
Concen: 64.901 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

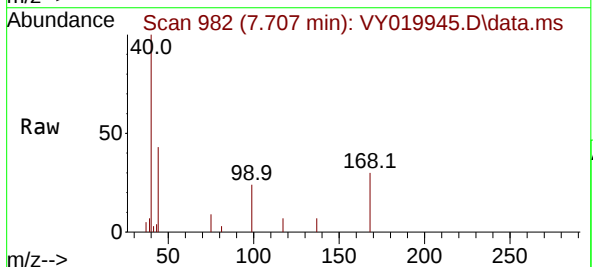
Instrument :
MSVOA_Y
ClientSampleId :



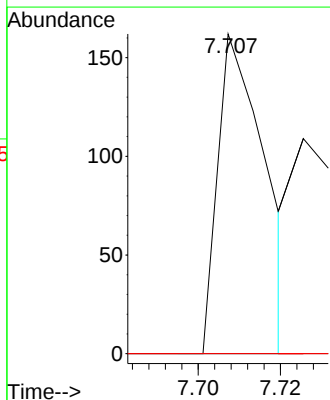
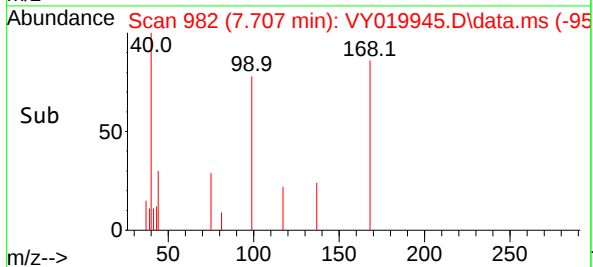
Tgt Ion:113 Resp: 1460
Ion Ratio Lower Upper
113 100
111 116.8 82.2 123.4
192 5.7 15.9 23.9#

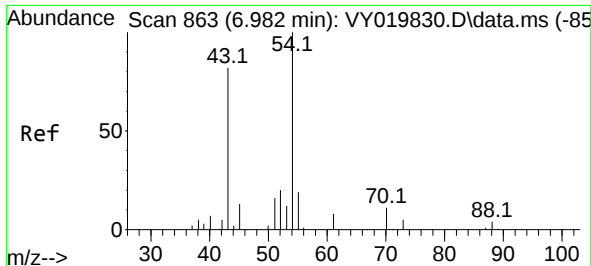


#36
1,1-Dichloropropene
Concen: 4.042 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03



Tgt Ion: 75 Resp: 131
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.840 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY019945.D

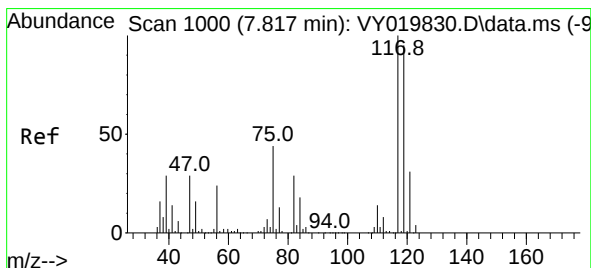
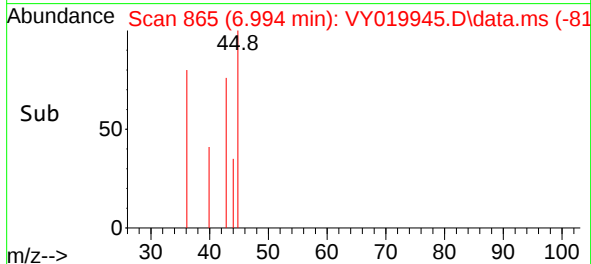
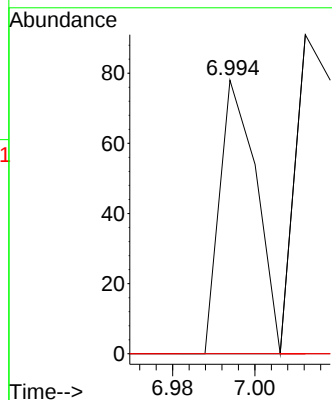
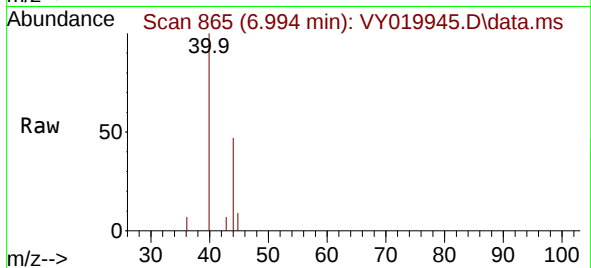
Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	48
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 2.936 ug/l

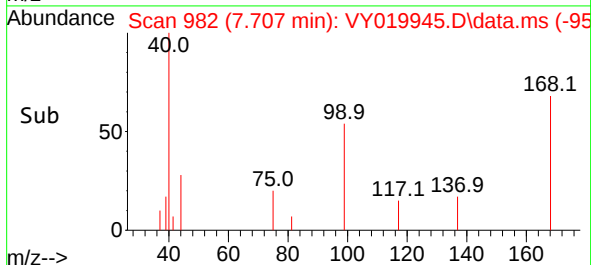
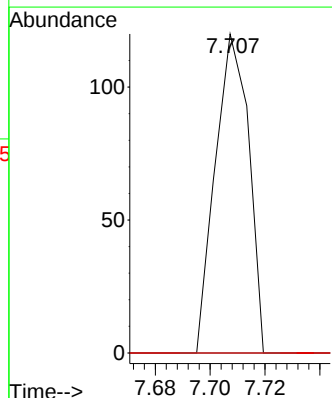
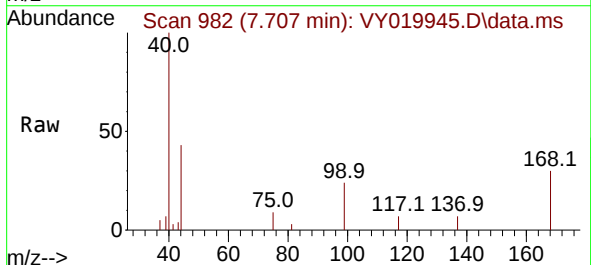
RT: 7.707 min Scan# 982

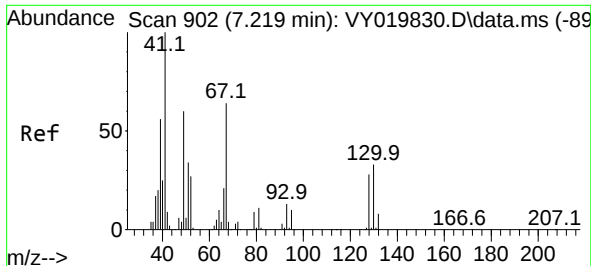
Delta R.T. -0.109 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

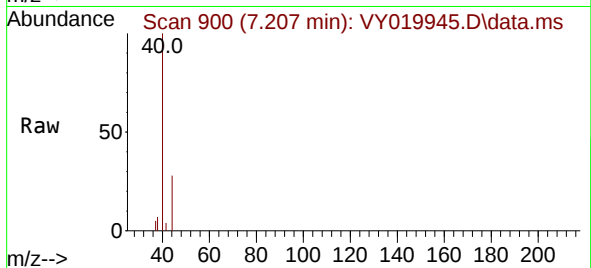
Tgt Ion:	117	Resp:	102
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	24.0	36.0#



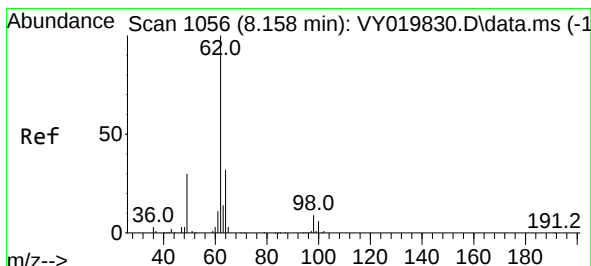
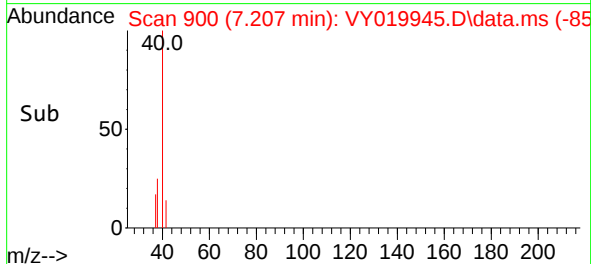
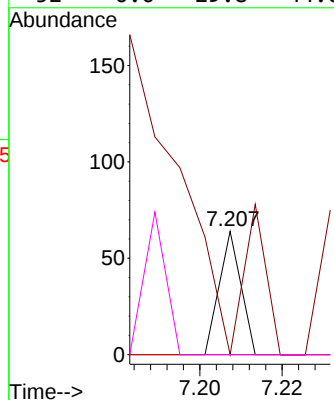


#41
Methacrylonitrile
Concen: 2.515 ug/l
RT: 7.207 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

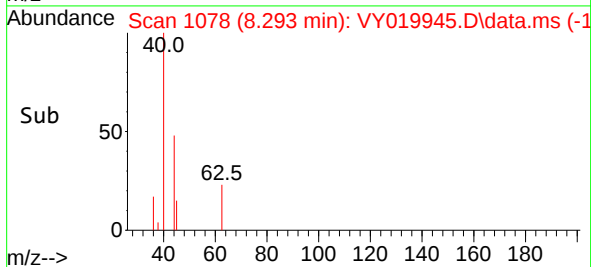
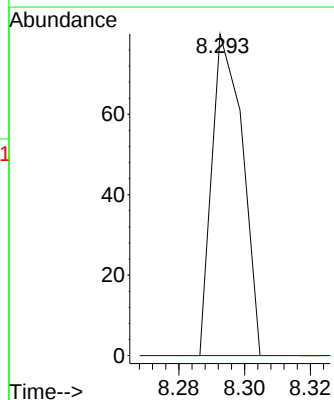
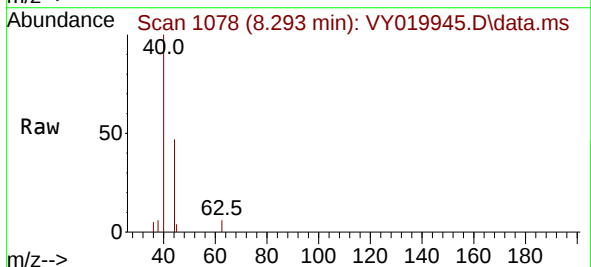


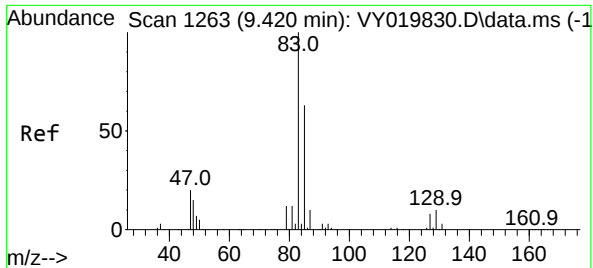
Tgt Ion:	41	Resp:	23
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 1.845 ug/l
RT: 8.293 min Scan# 1078
Delta R.T. 0.134 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion:	62	Resp:	52
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0

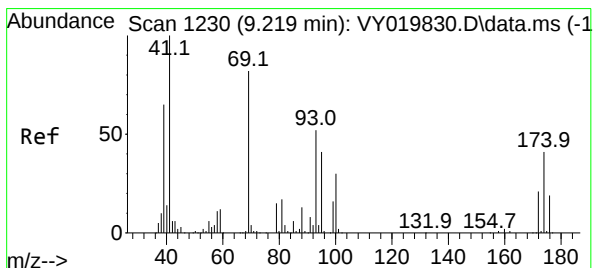
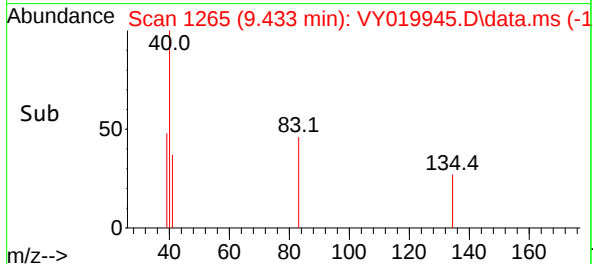
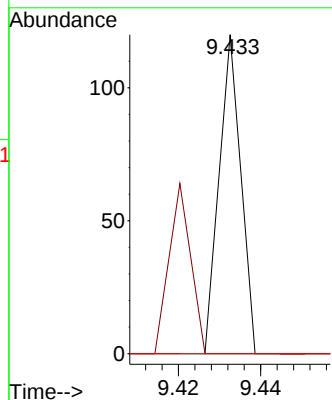
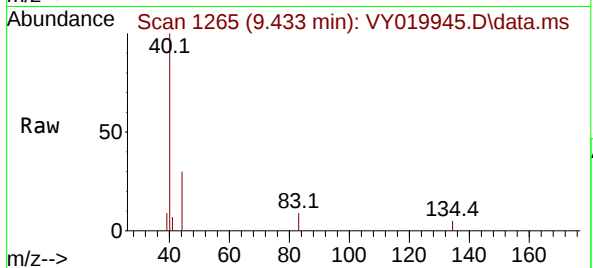




#47
Bromodichloromethane
Concen: 1.236 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

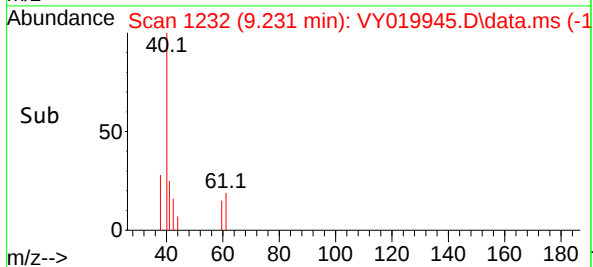
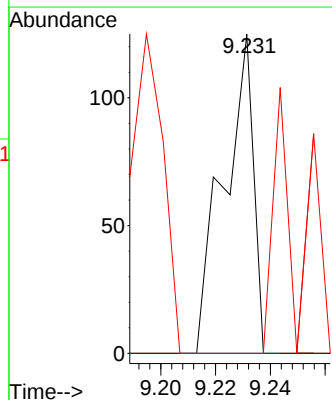
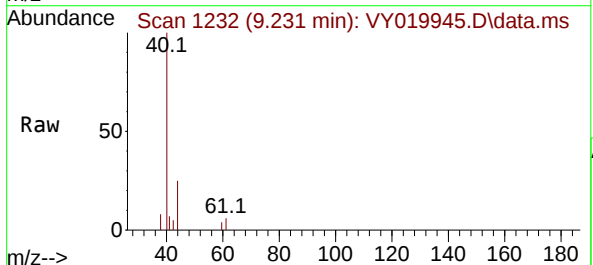
Instrument :
MSVOA_Y
ClientSampleId :

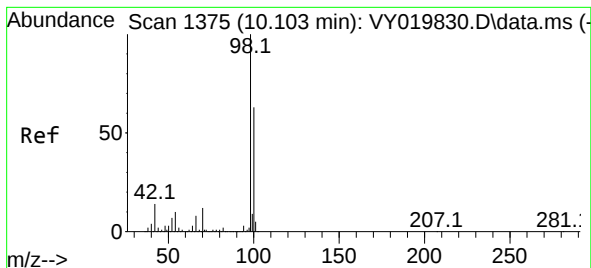
Tgt Ion: 83 Resp: 44
Ion Ratio Lower Upper
83 100
85 0.0 50.1 75.1#
127 0.0 7.4 11.0#



#48
Methyl methacrylate
Concen: 6.200 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.013 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 41 Resp: 94
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 73.4 43.6 65.4#

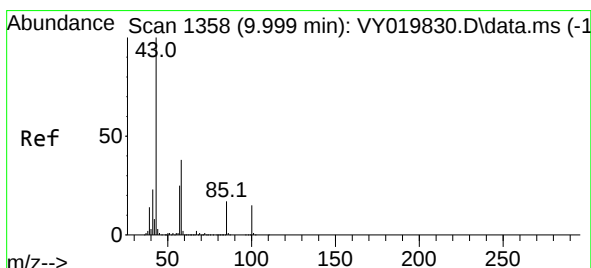
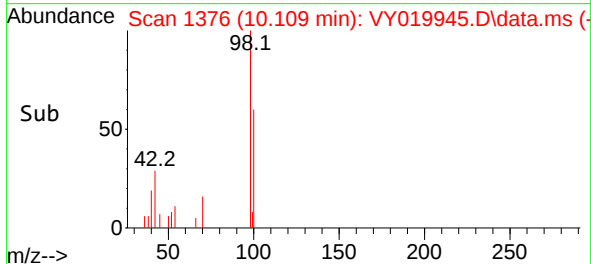
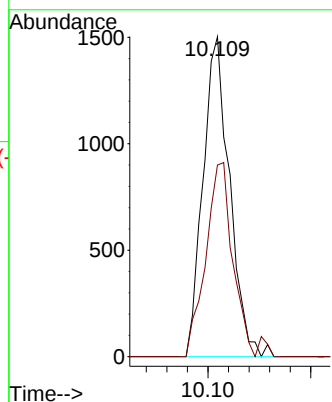
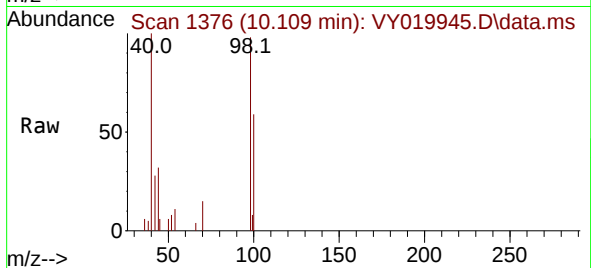




#50
Toluene-d8
Concen: 32.453 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

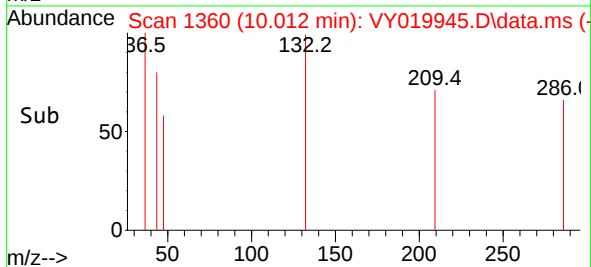
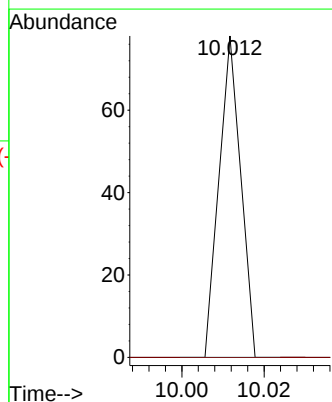
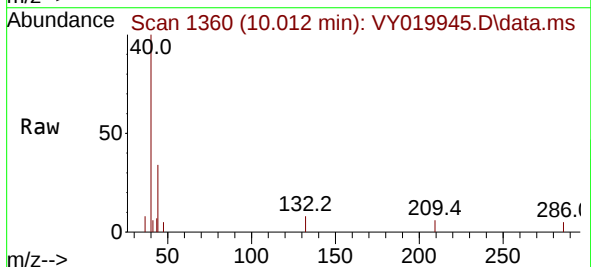
Instrument :
MSVOA_Y
ClientSampleId :

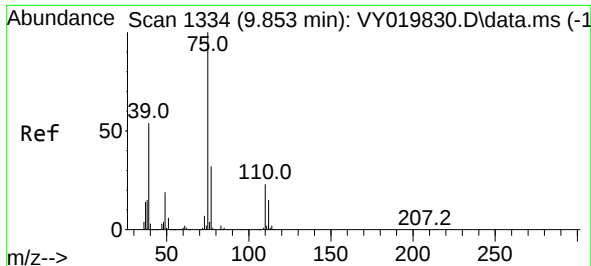
Tgt Ion: 98 Resp: 2696
Ion Ratio Lower Upper
98 100
100 61.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.650 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.013 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 43 Resp: 29
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#

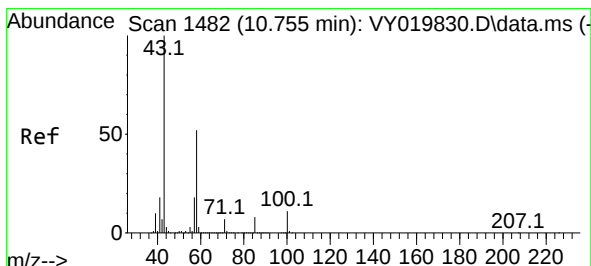
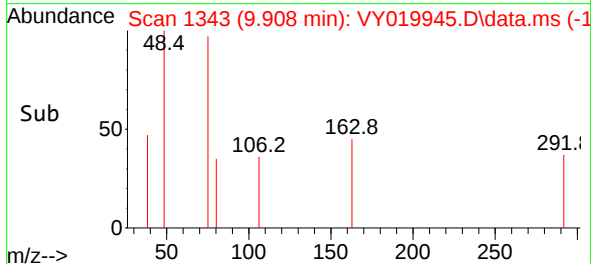
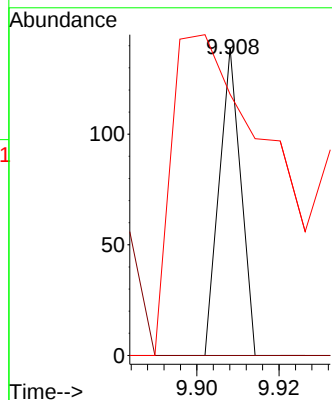
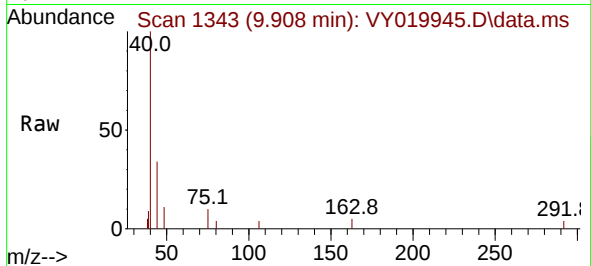




#54
 cis-1,3-Dichloropropene
 Concen: 1.349 ug/l
 RT: 9.908 min Scan# 11
 Delta R.T. 0.049 min
 Lab File: VY019945.D
 Acq: 18 Oct 2024 12:03

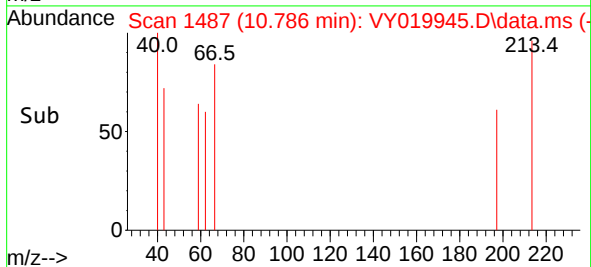
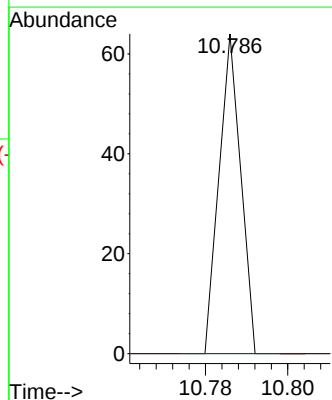
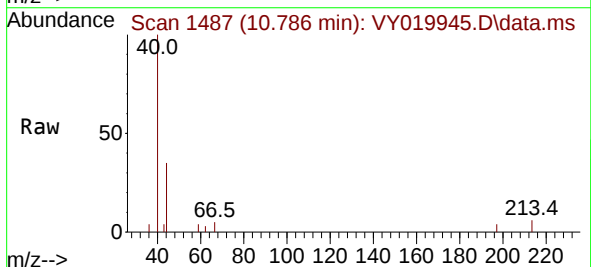
Instrument :
 MSVOA_Y
 ClientSampleId :

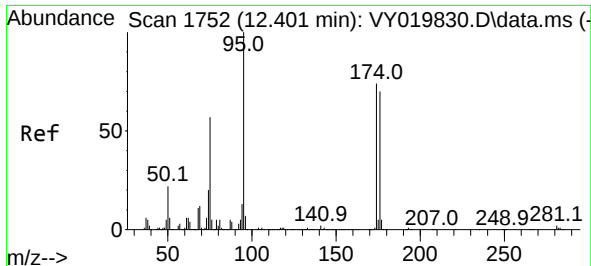
Tgt Ion: 75 Resp: 51
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 15.1 29.8 44.6#



#59
 2-Hexanone
 Concen: 1.832 ug/l
 RT: 10.786 min Scan# 1487
 Delta R.T. 0.025 min
 Lab File: VY019945.D
 Acq: 18 Oct 2024 12:03

Tgt Ion: 43 Resp: 23
 Ion Ratio Lower Upper
 43 100
 58 0.0 31.4 94.0#





#62

4-Bromofluorobenzene

Concen: 11.160 ug/l

RT: 12.414 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019945.D

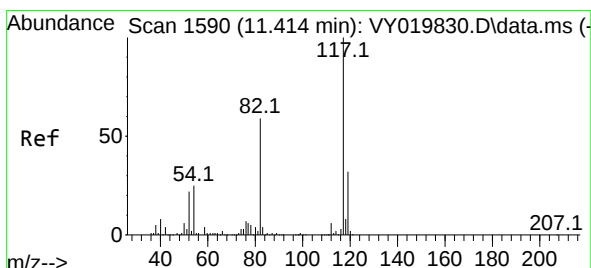
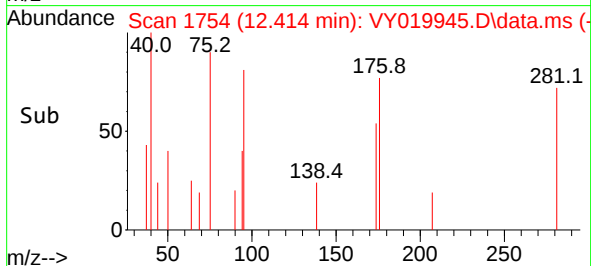
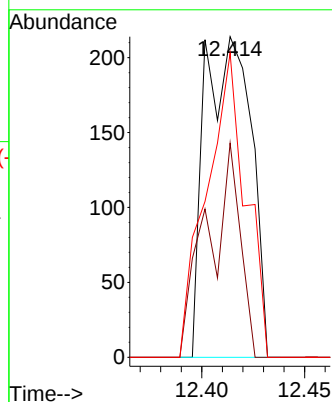
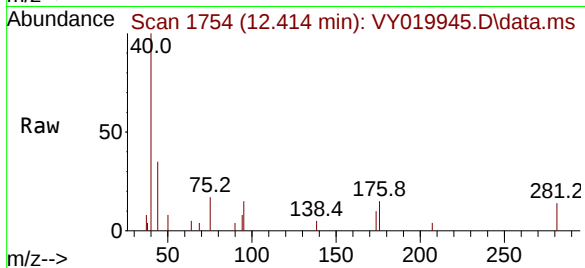
Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 95	Resp:	335
Ion Ratio	Lower	Upper
95	100	
174	46.9	0.0 175.6
176	80.0	0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

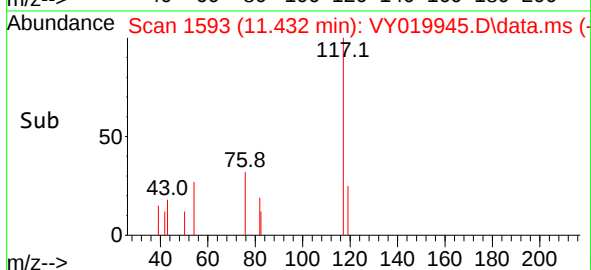
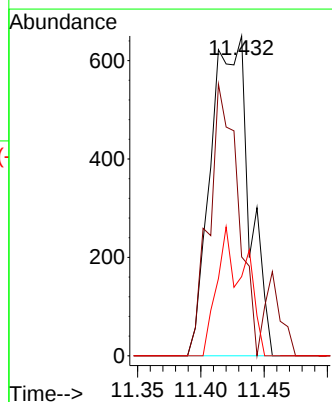
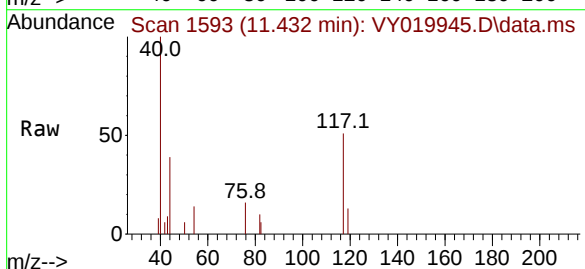
RT: 11.432 min Scan# 1593

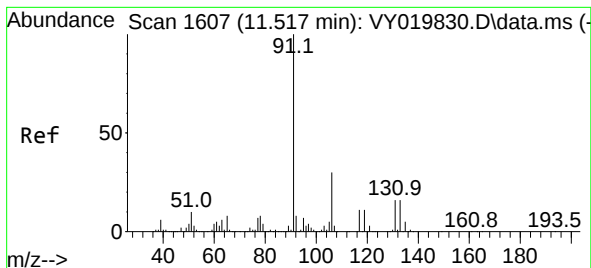
Delta R.T. 0.013 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Tgt Ion: 117	Resp:	1372
Ion Ratio	Lower	Upper
117	100	
82	30.9	42.4 63.6#
119	24.8	25.9 38.9#





#67

Ethyl Benzene

Concen: 1.175 ug/l

RT: 11.633 min Scan# 1

Delta R.T. 0.110 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

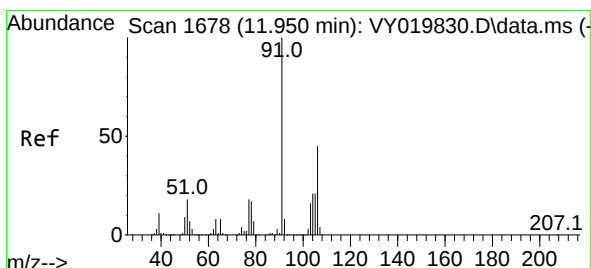
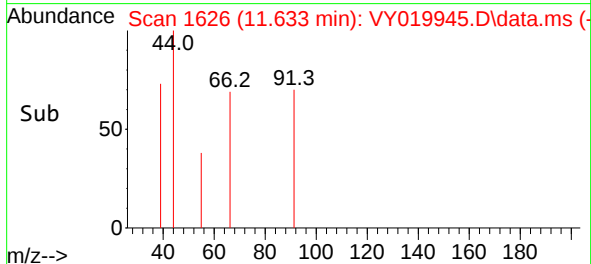
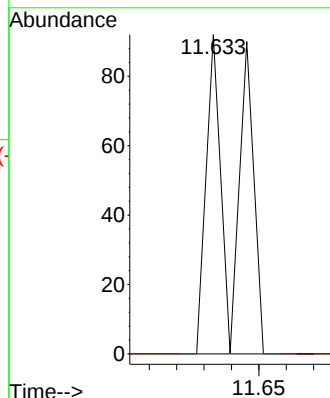
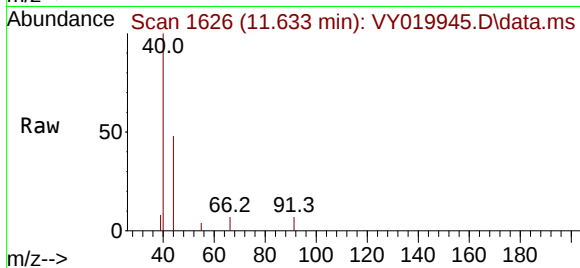
ClientSampleId :

Tgt Ion: 91 Resp: 67

Ion Ratio Lower Upper

91 100

106 0.0 24.5 36.7#



#69

o-Xylene

Concen: 1.038 ug/l

RT: 11.694 min Scan# 1636

Delta R.T. -0.262 min

Lab File: VY019945.D

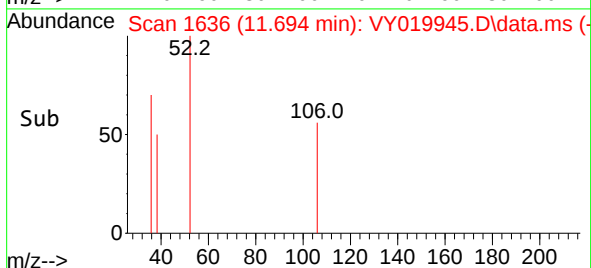
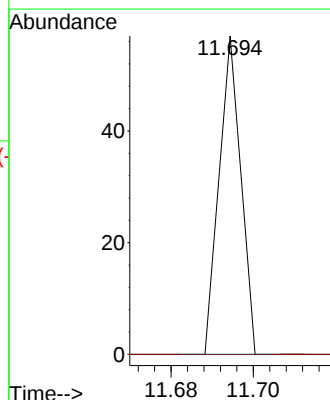
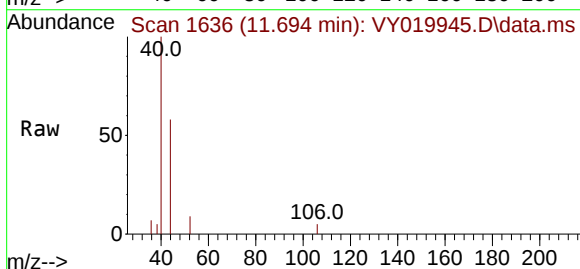
Acq: 18 Oct 2024 12:03

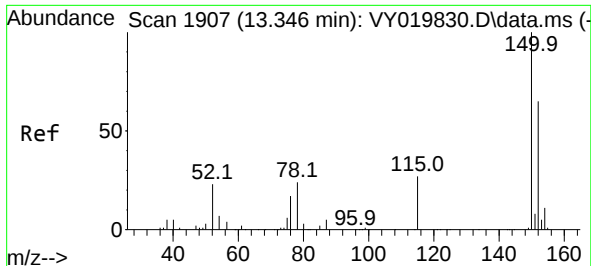
Tgt Ion:106 Resp: 21

Ion Ratio Lower Upper

106 100

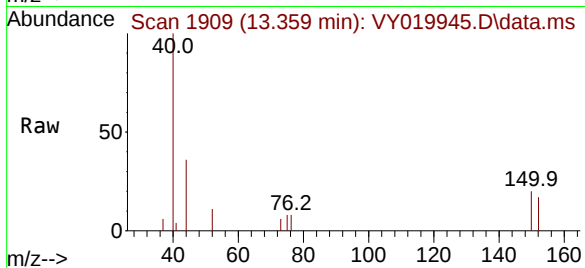
91 0.0 103.6 310.8#



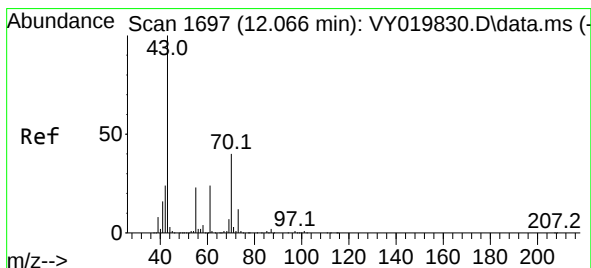
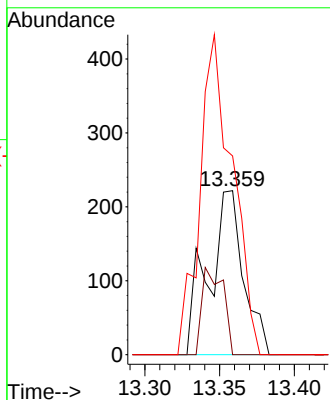
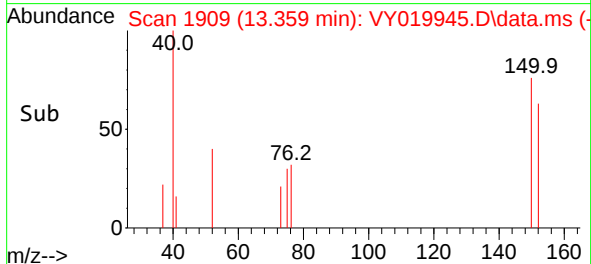


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.013 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :

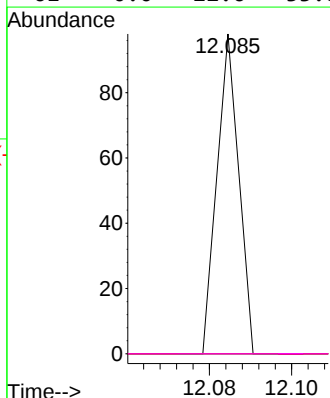
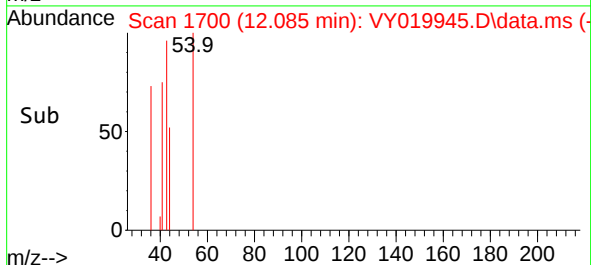
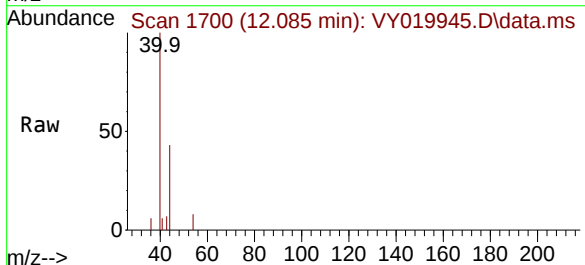


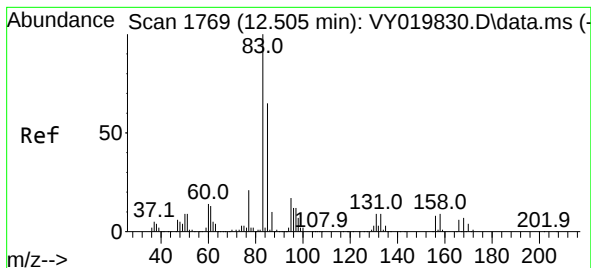
Tgt Ion:152 Resp: 360
Ion Ratio Lower Upper
152 100
115 31.9 28.2 84.7
150 182.2 0.0 345.6



#74
N-ethyl acetate
Concen: 4.489 ug/l
RT: 12.085 min Scan# 1700
Delta R.T. 0.013 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 43 Resp: 36
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 0.0 23.3 34.9#
61 0.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 12.638 ug/l

RT: 12.706 min Scan# 1754

Delta R.T. 0.195 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

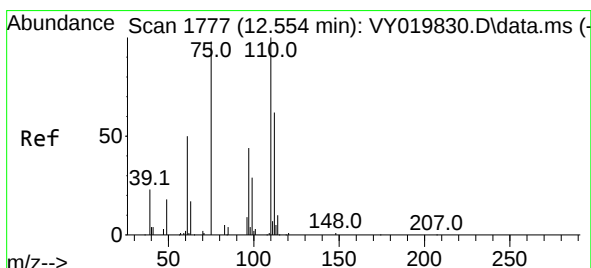
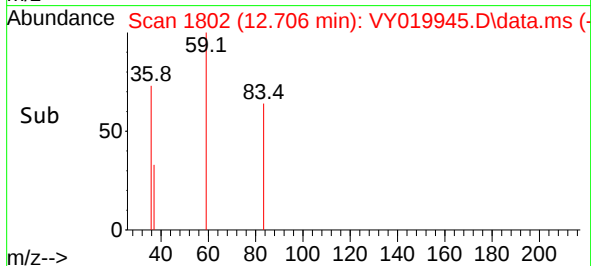
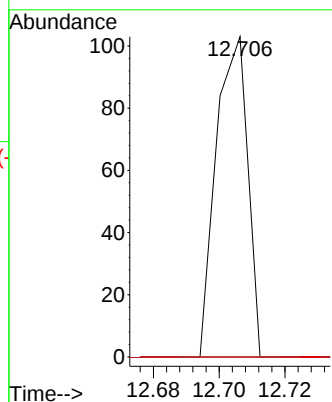
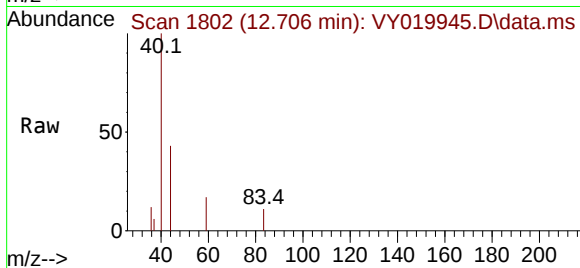
Tgt Ion: 83 Resp: 68

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: 32.613 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY019945.D

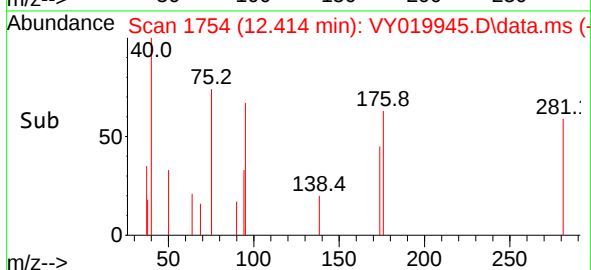
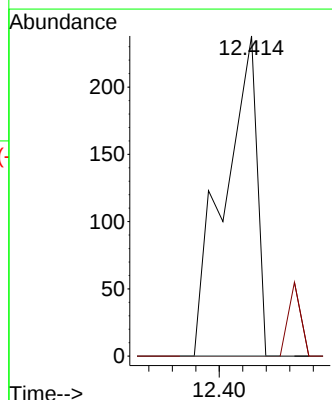
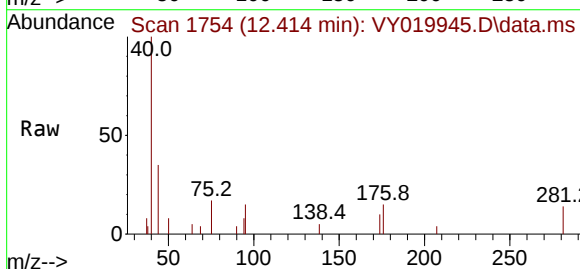
Acq: 18 Oct 2024 12:03

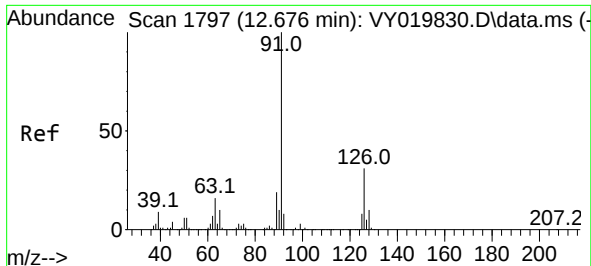
Tgt Ion: 75 Resp: 230

Ion Ratio Lower Upper

75 100

77 8.7 0.0 0.0#

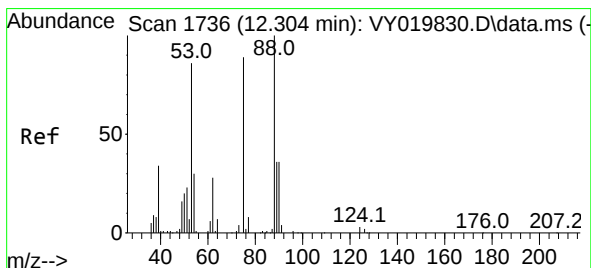
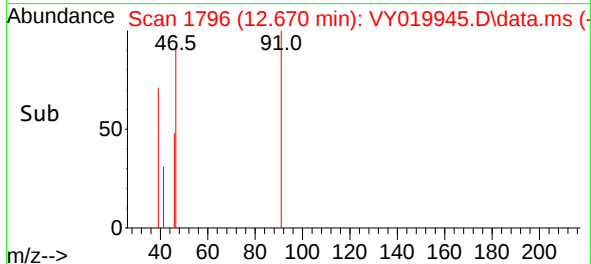
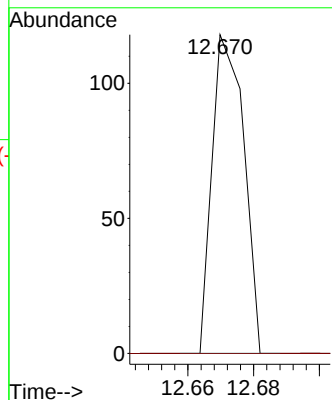
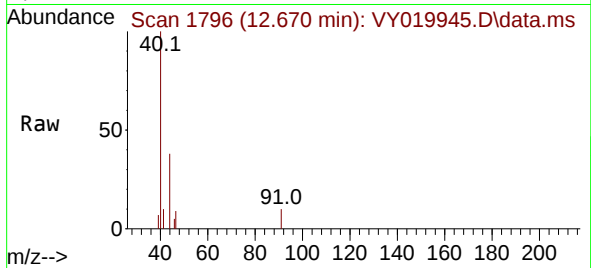




#79
2-Chlorotoluene
Concen: 3.766 ug/l
RT: 12.670 min Scan# 1718
Delta R.T. -0.012 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

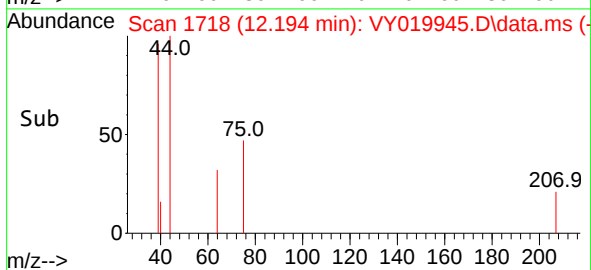
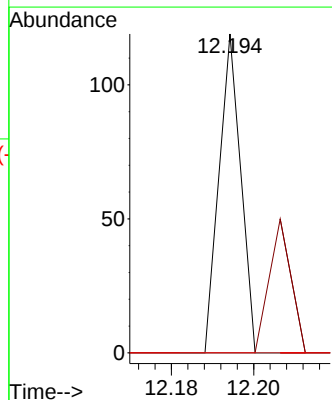
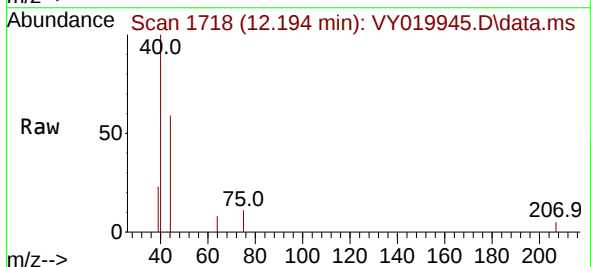
Instrument :
MSVOA_Y
ClientSampleId :

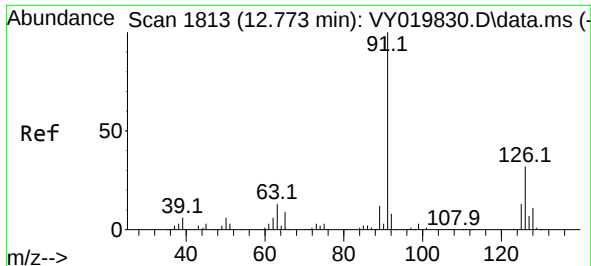
Tgt Ion: 91 Resp: 79
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 25.183 ug/l
RT: 12.194 min Scan# 1718
Delta R.T. -0.109 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
53 40.9 66.8 100.2#
89 0.0 35.8 53.6#





#82

4-Chlorotoluene

Concen: 2.051 ug/l

RT: 12.828 min Scan# 1822

Delta R.T. 0.049 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

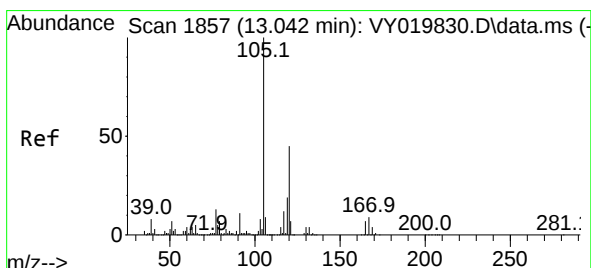
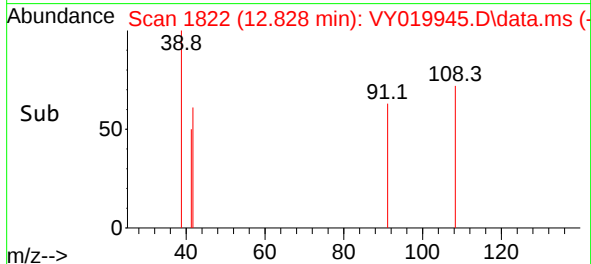
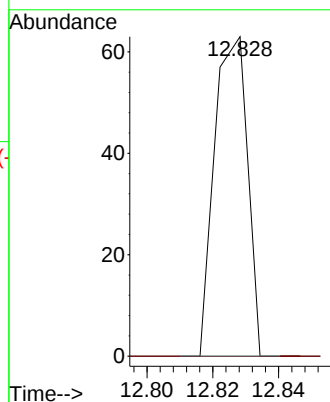
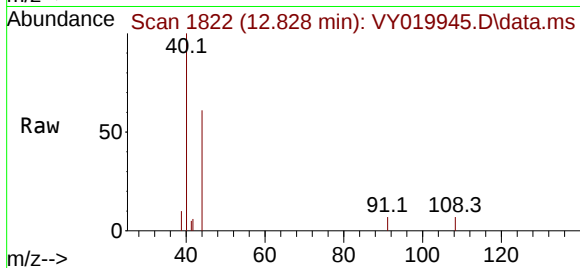
ClientSampleId :

Tgt Ion: 91 Resp: 44

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



#84

1,2,4-Trimethylbenzene

Concen: 2.433 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019945.D

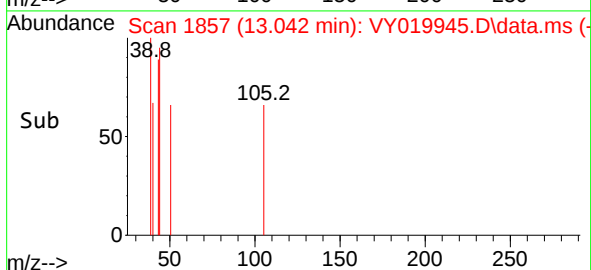
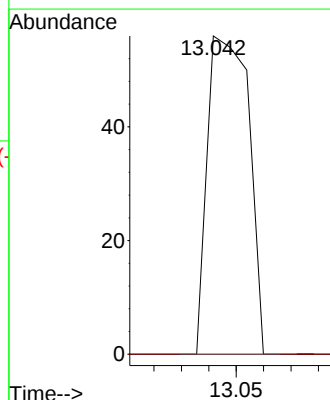
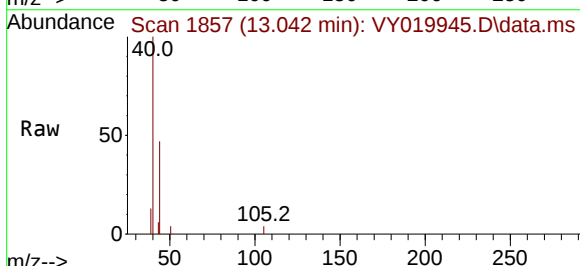
Acq: 18 Oct 2024 12:03

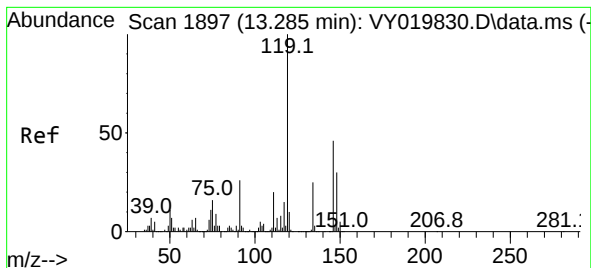
Tgt Ion: 105 Resp: 59

Ion Ratio Lower Upper

105 100

120 0.0 23.2 69.6#





#87

1,3-Dichlorobenzene

Concen: 1.541 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

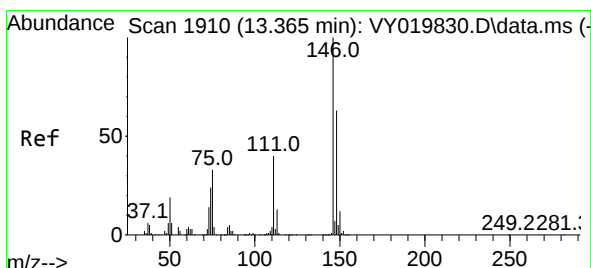
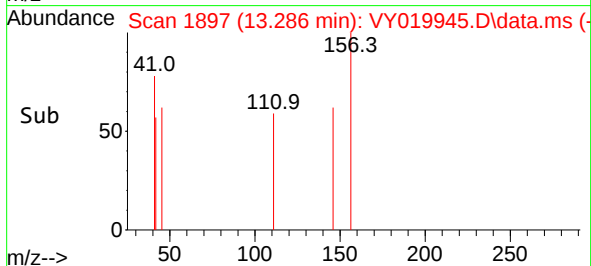
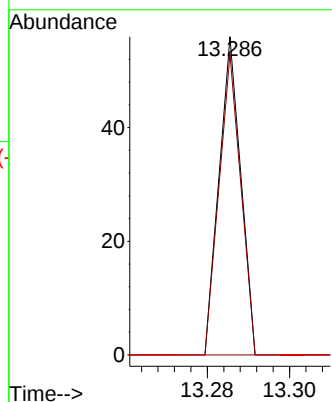
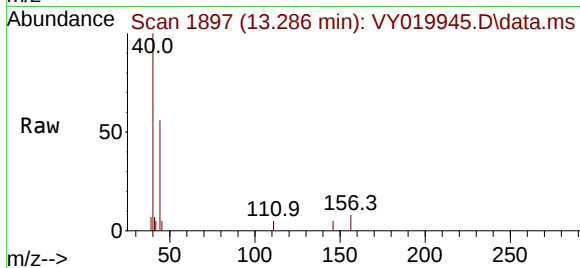
Tgt Ion:146 Resp: 20

Ion Ratio Lower Upper

146 100

111 95.0 19.0 57.0#

148 0.0 31.7 95.1#



#88

1,4-Dichlorobenzene

Concen: 1.569 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.085 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

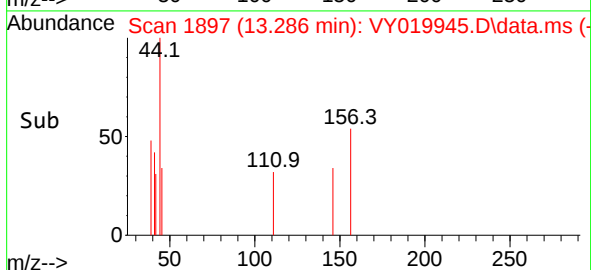
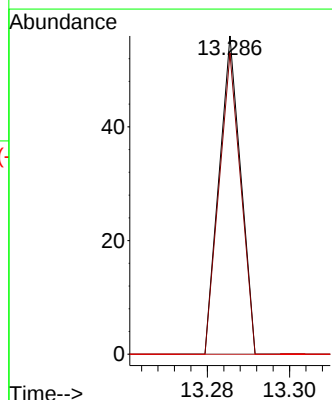
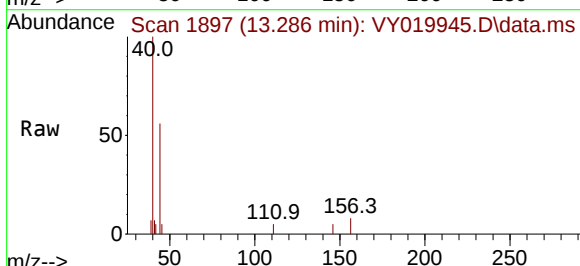
Tgt Ion:146 Resp: 20

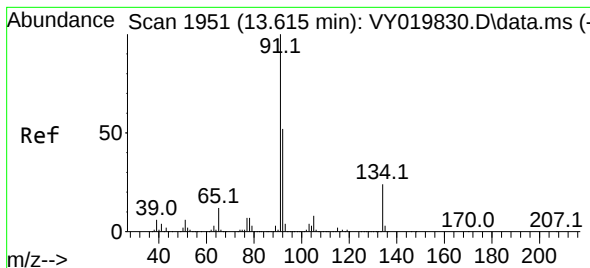
Ion Ratio Lower Upper

146 100

111 95.0 18.4 55.4#

148 0.0 32.4 97.2#





#89

n-Butylbenzene

Concen: 4.662 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. -0.012 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

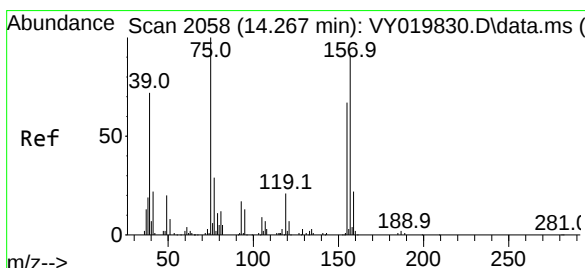
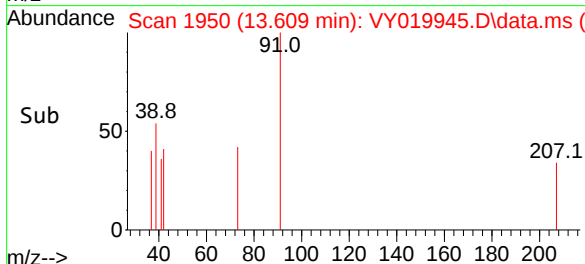
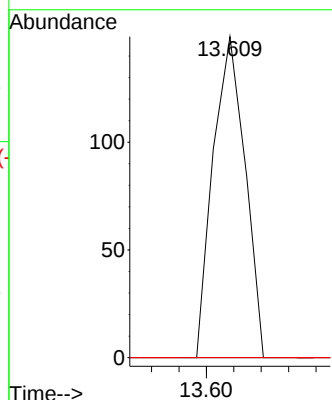
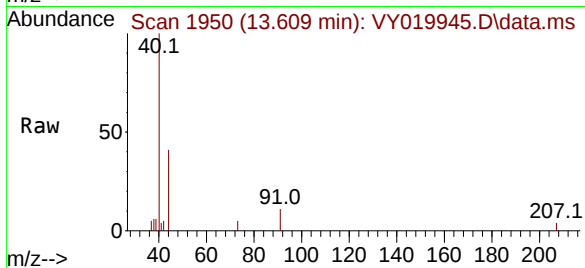
Tgt Ion: 91 Resp: 121

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: 26.785 ug/l

RT: 14.005 min Scan# 2015

Delta R.T. -0.268 min

Lab File: VY019945.D

Acq: 18 Oct 2024 12:03

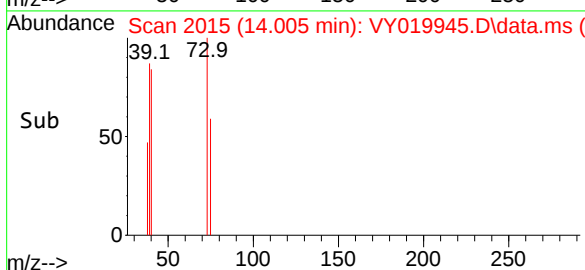
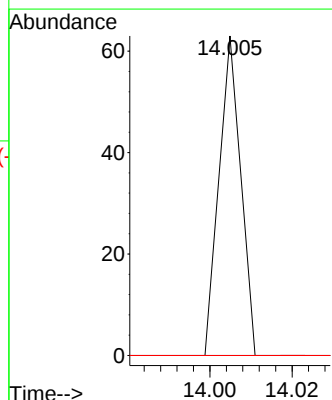
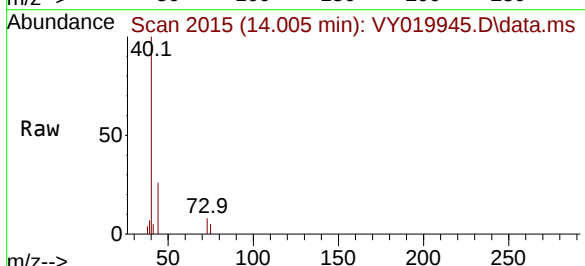
Tgt Ion: 75 Resp: 23

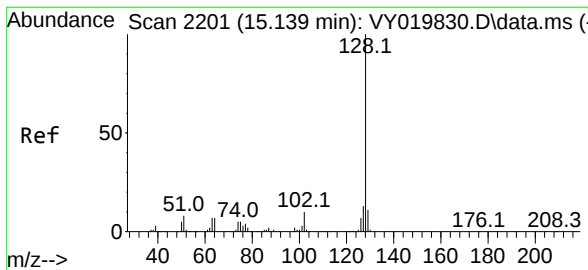
Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

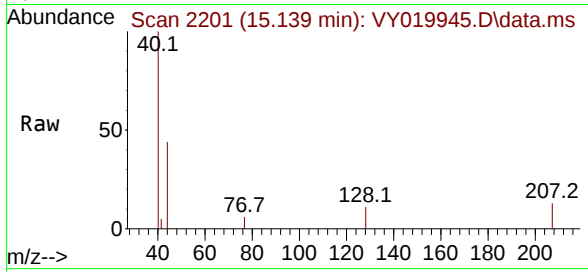
157 0.0 62.7 188.2#





#95
Naphthalene
Concen: 13.103 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019945.D
Acq: 18 Oct 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	158
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

