

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006541.D
 Acq On : 29 Oct 2021 15:42
 Operator : SY/MD
 Sample : M4409-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 03:01:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

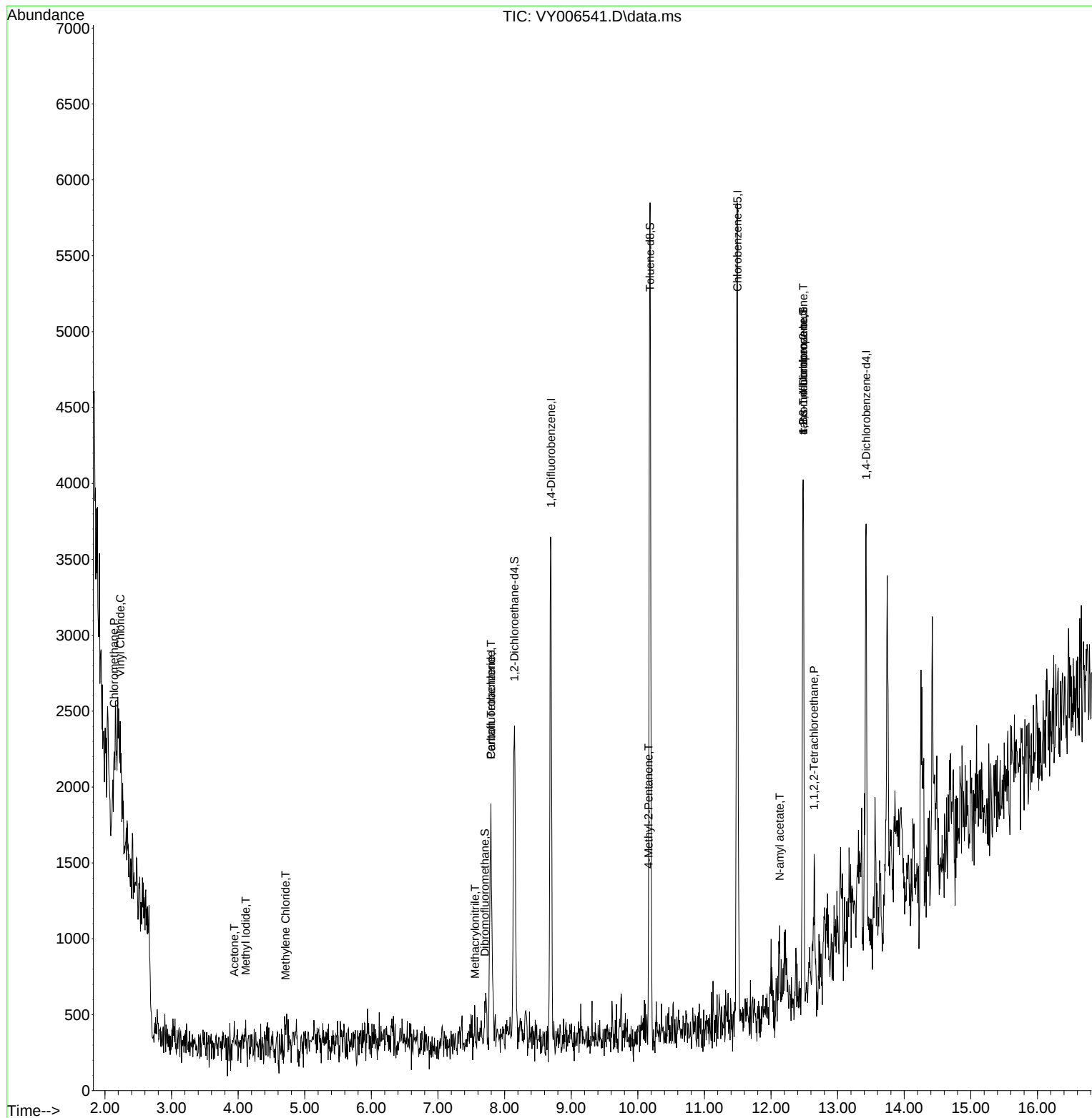
Internal Standards						
1) Pentafluorobenzene	7.795	168	1566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1940	100.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.340%#	
35) Dibromofluoromethane	7.704	113	84	5.131	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 10.260%#	
50) Toluene-d8	10.185	98	3841	55.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.483	95	1349	57.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.420%	
Target Compounds						Qvalue
3) Chloromethane	2.137	50	21	1.075	ug/l	# 43
4) Vinyl Chloride	2.229	62	89	4.078	ug/l	# 44
10) Methyl Iodide	4.113	142	89	10.246	ug/l	# 36
16) Acetone	3.942	43	22	3.965	ug/l	# 46
20) Methylene Chloride	4.710	84	112	2.690	ug/l	# 3
38) Carbon Tetrachloride	7.795	117	41	1.281	ug/l	# 12
41) Methacrylonitrile	7.557	41	27	2.591	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.160	43	19	1.017	ug/l	# 39
74) N-amyl acetate	12.130	43	162	7.349	ug/l	# 57
75) 1,1,2,2-Tetrachloroethane	12.648	83	50	4.346	ug/l	# 26
76) 1,2,3-Trichloropropane	12.483	75	652	66.602	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	652	136.731	ug/l	# 7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
Data File : VY006541.D
Acq On : 29 Oct 2021 15:42
Operator : SY/MD
Sample : M4409-01
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 30 03:01:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

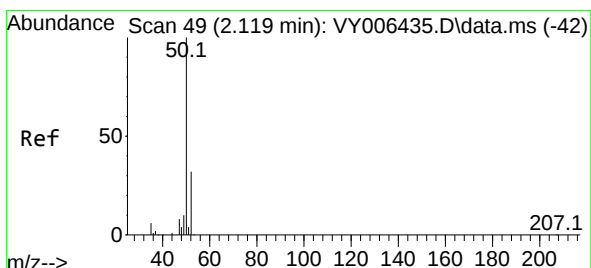
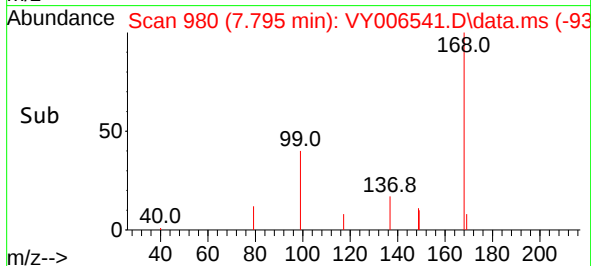
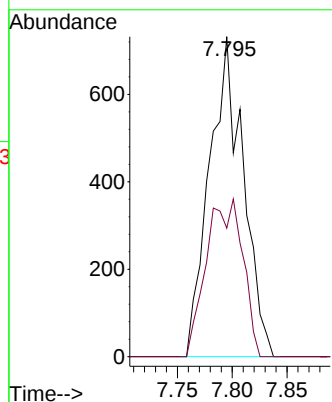
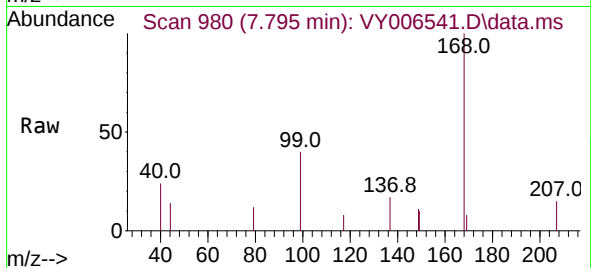




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

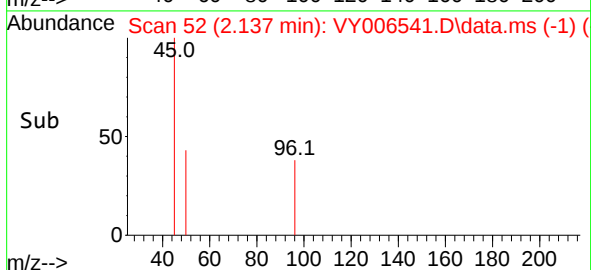
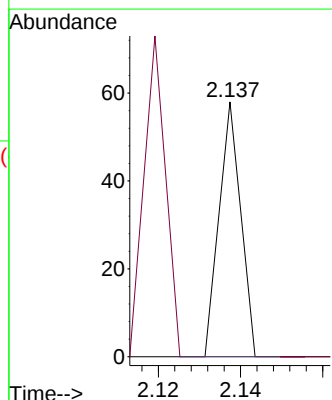
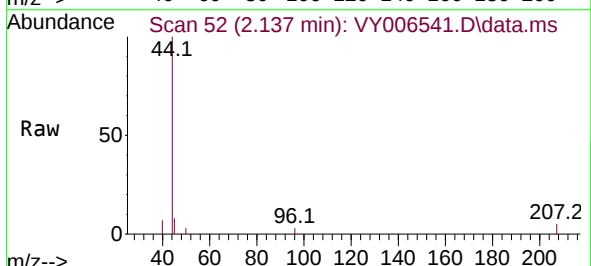
Instrument :
MSVOA_Y
ClientSampleId :

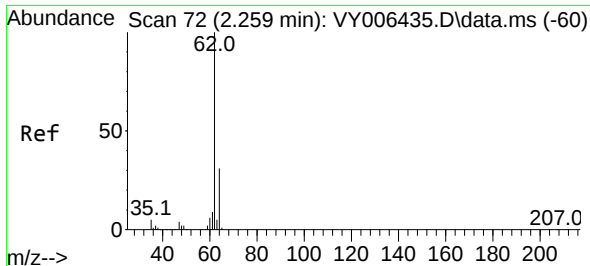
Tgt Ion:168 Resp: 1566
Ion Ratio Lower Upper
168 100
99 40.2 44.8 67.2#



#3
Chloromethane
Concen: 1.075 ug/l
RT: 2.137 min Scan# 52
Delta R.T. 0.018 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

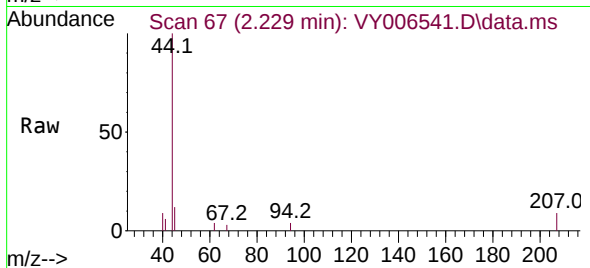
Tgt Ion: 50 Resp: 21
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



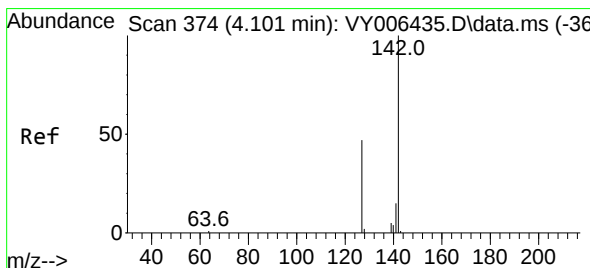
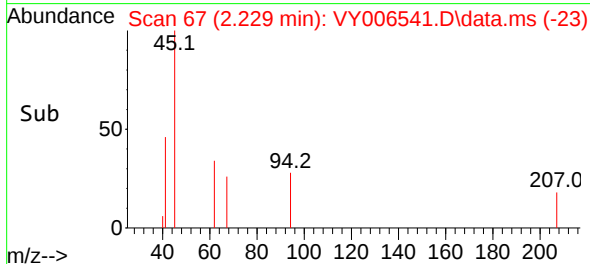
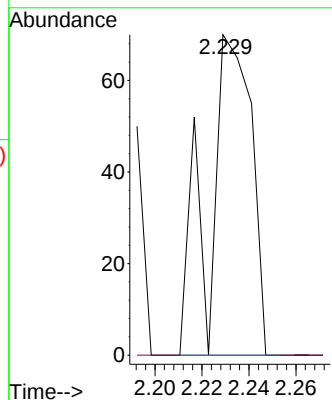


#4
 Vinyl Chloride
 Concen: 4.078 ug/l
 RT: 2.229 min Scan# 61
 Delta R.T. -0.031 min
 Lab File: VY006541.D
 Acq: 29 Oct 2021 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :

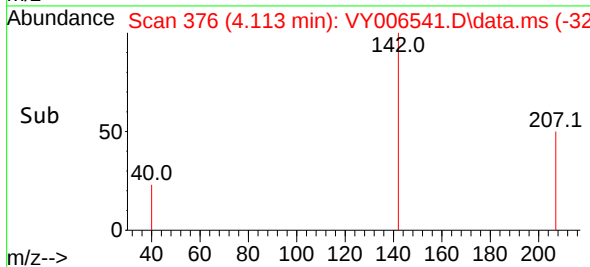
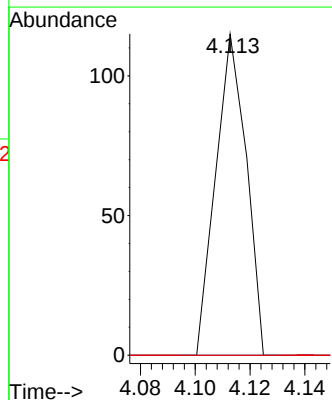
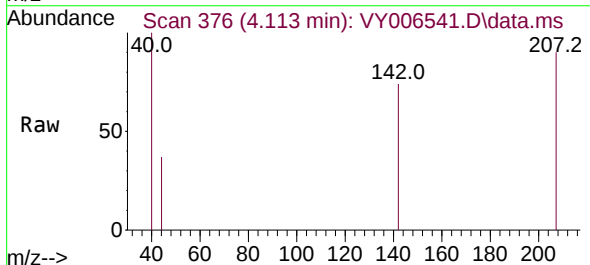


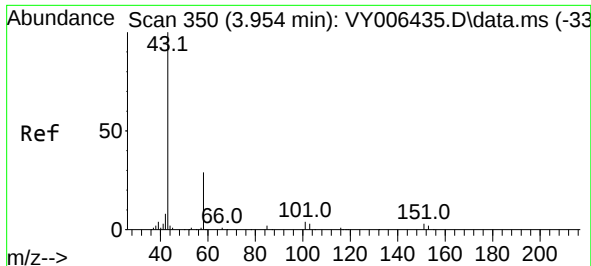
Tgt Ion: 62 Resp: 89
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.7 37.1#



#10
 Methyl Iodide
 Concen: 10.246 ug/l
 RT: 4.113 min Scan# 376
 Delta R.T. 0.012 min
 Lab File: VY006541.D
 Acq: 29 Oct 2021 15:42

Tgt Ion: 142 Resp: 89
 Ion Ratio Lower Upper
 142 100
 127 0.0 40.1 60.1#
 141 0.0 12.5 18.7#

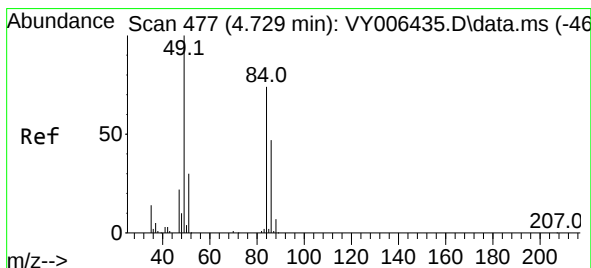
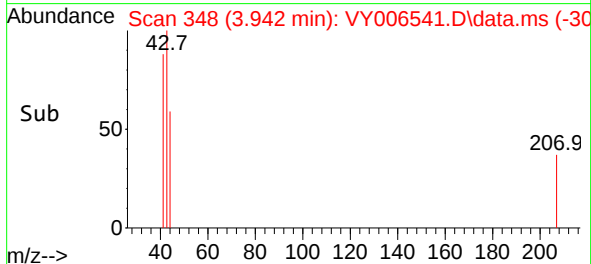
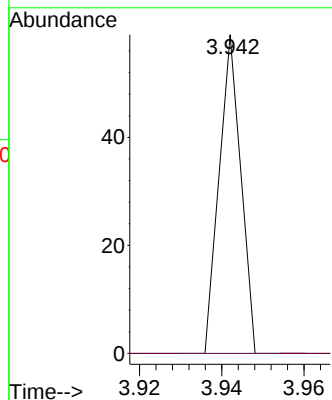
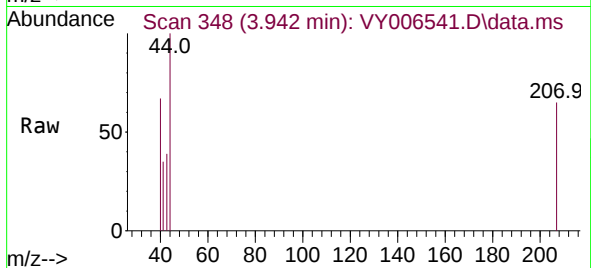




#16
Acetone
Concen: 3.965 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

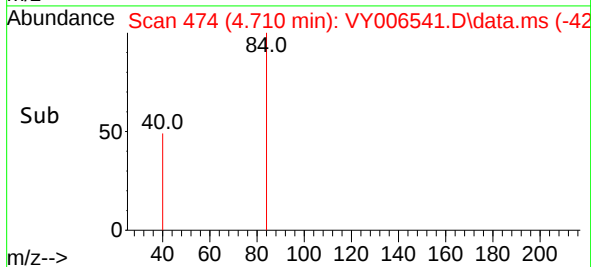
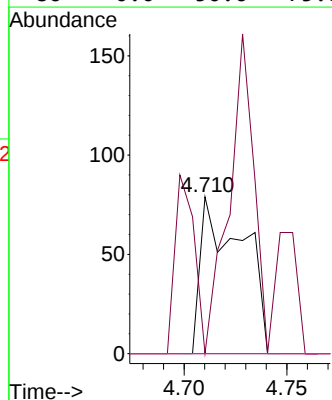
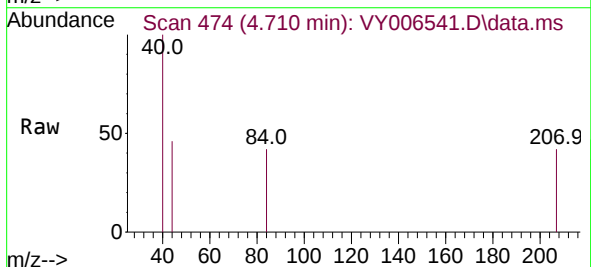
Instrument :
MSVOA_Y
ClientSampleId :

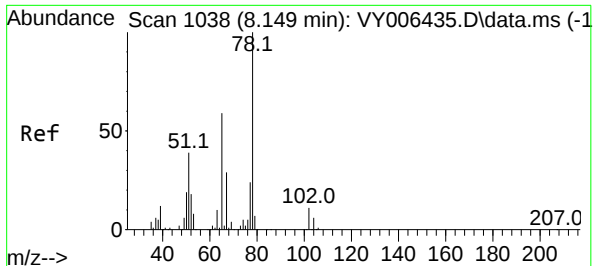
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 2.690 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Tgt Ion: 84 Resp: 112
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 100.671 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

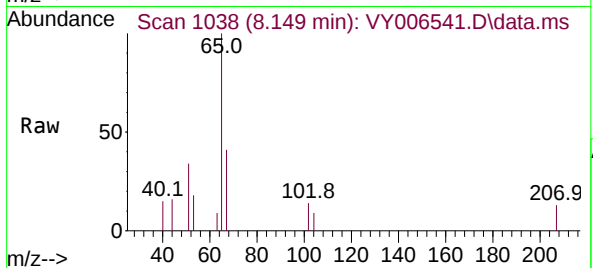
Lab File: VY006541.D

Acq: 29 Oct 2021 15:42

Instrument :

MSVOA_Y

ClientSampleId :

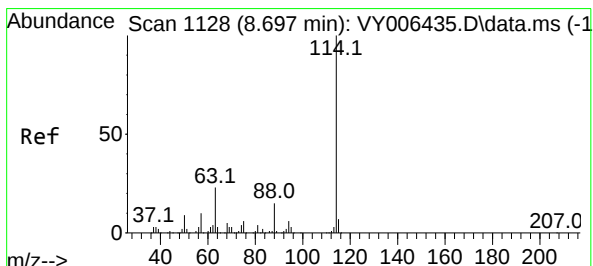
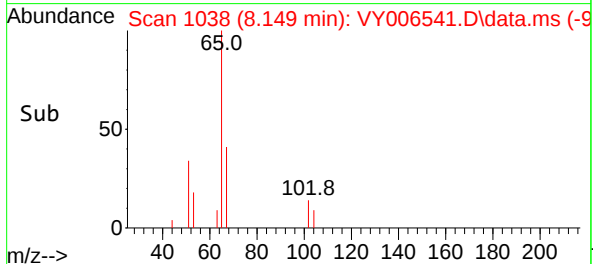
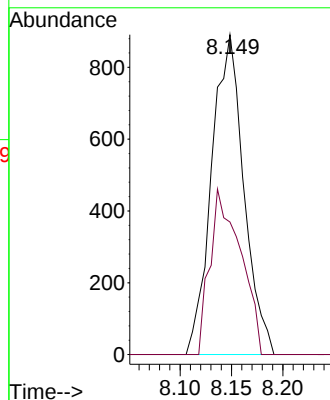


Tgt Ion: 65 Resp: 1940

Ion Ratio Lower Upper

65 100

67 49.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006541.D

Acq: 29 Oct 2021 15:42

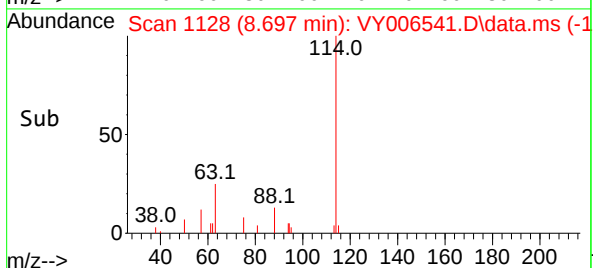
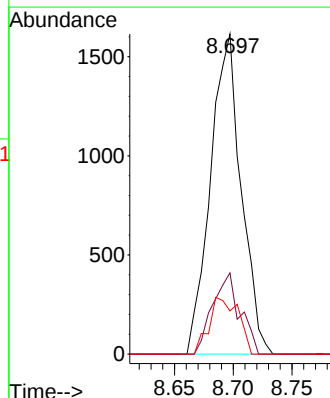
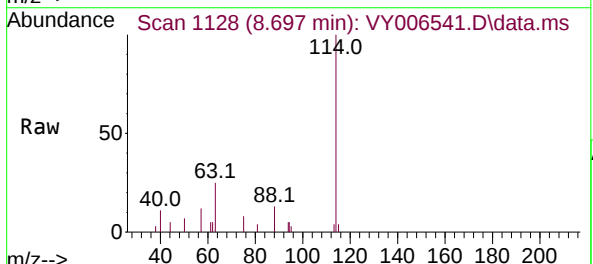
Tgt Ion: 114 Resp: 2937

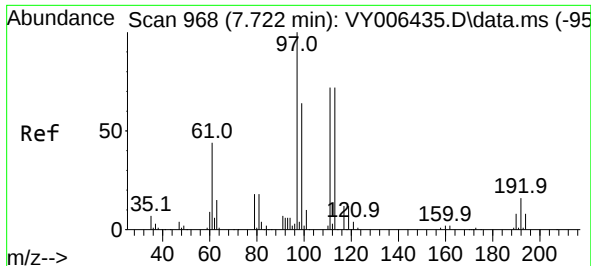
Ion Ratio Lower Upper

114 100

63 25.4 0.0 45.0

88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.131 ug/l

RT: 7.704 min Scan# 91

Delta R.T. -0.018 min

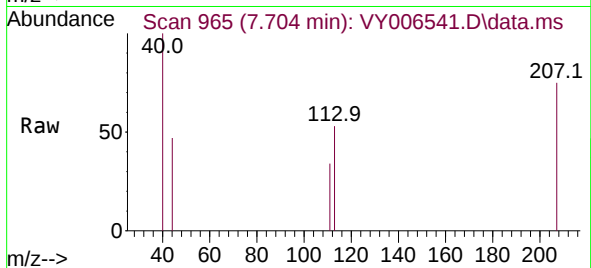
Lab File: VY006541.D

Acq: 29 Oct 2021 15:42

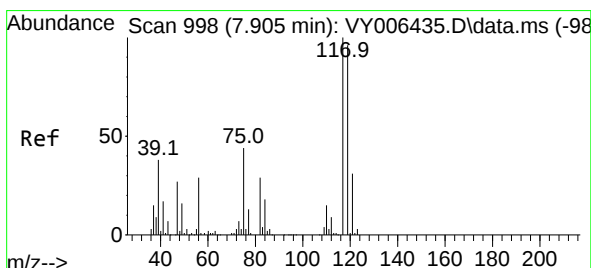
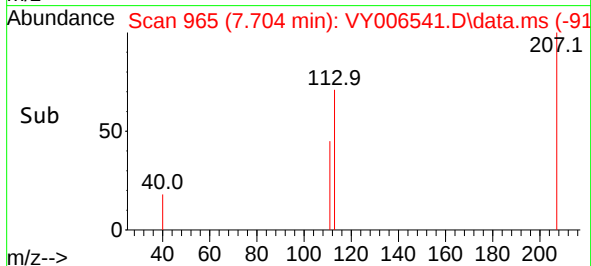
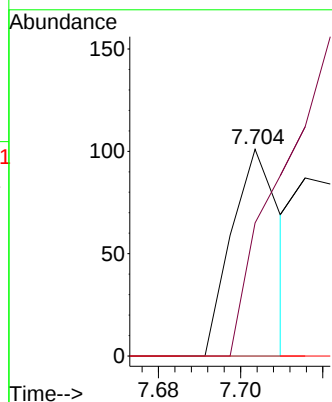
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	84
Ion	Ratio	Lower	Upper
113	100		
111	260.7	82.3	123.5#
192	0.0	17.4	26.2#



#38

Carbon Tetrachloride

Concen: 1.281 ug/l

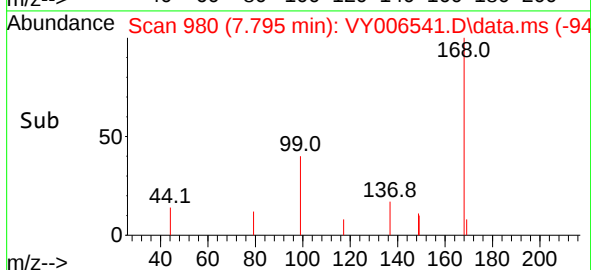
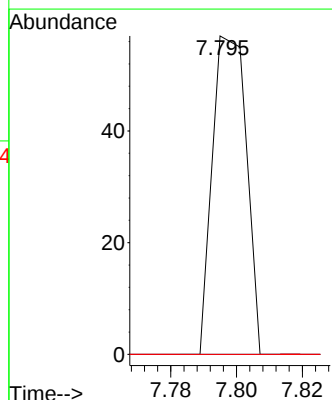
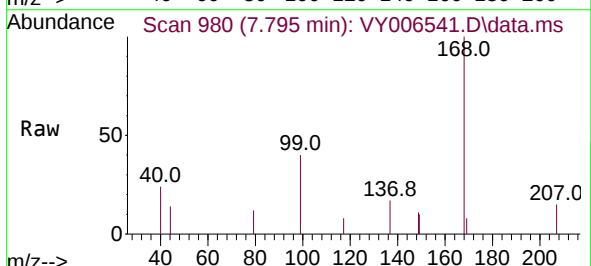
RT: 7.795 min Scan# 980

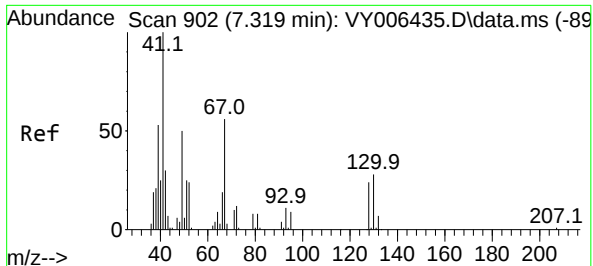
Delta R.T. -0.110 min

Lab File: VY006541.D

Acq: 29 Oct 2021 15:42

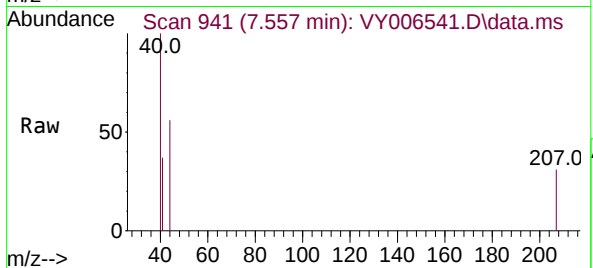
Tgt Ion:	117	Resp:	41
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.6	115.0#
121	0.0	24.7	37.1#



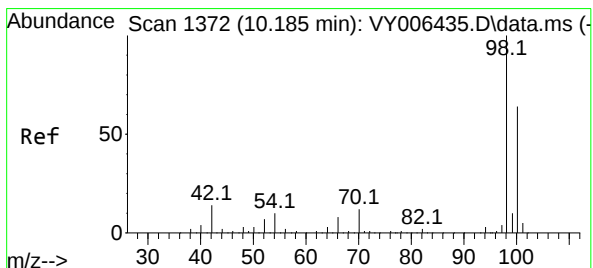
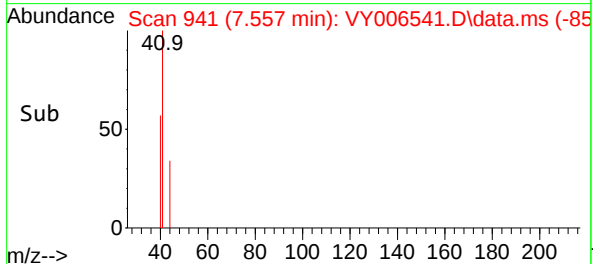
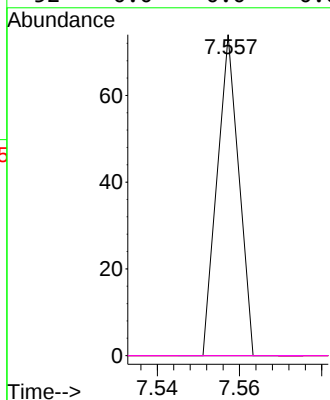


#41
Methacrylonitrile
Concen: 2.591 ug/l
RT: 7.557 min Scan# 941
Delta R.T. 0.238 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Instrument :
MSVOA_Y
ClientSampleId :

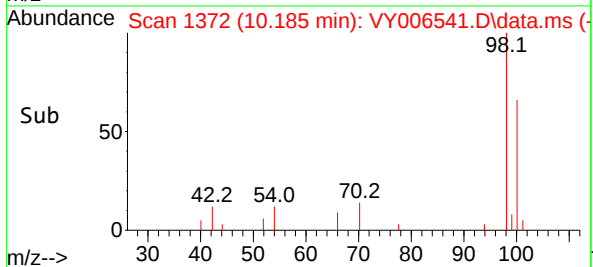
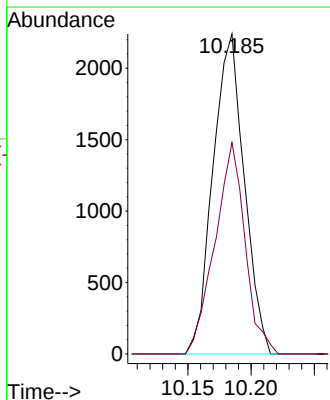
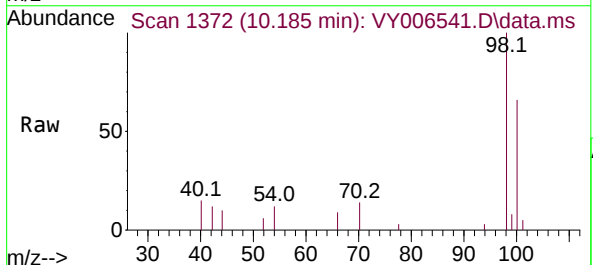


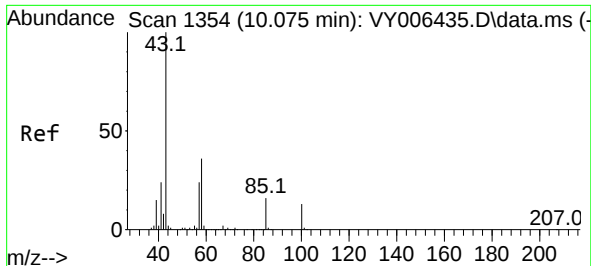
Tgt Ion: 41 Resp: 27
Ion Ratio Lower Upper
41 100
39 0.0 109.0 163.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 55.350 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Tgt Ion: 98 Resp: 3841
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

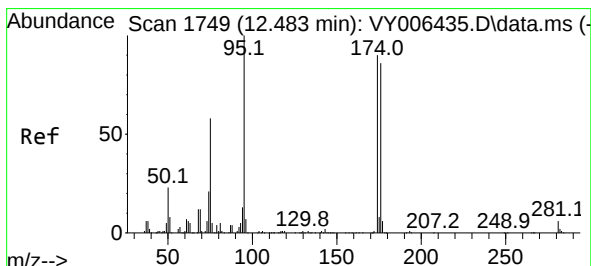
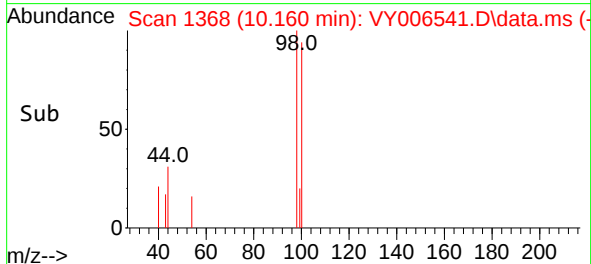
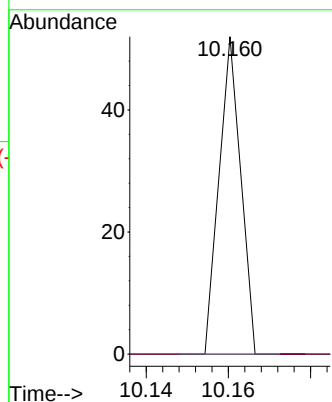
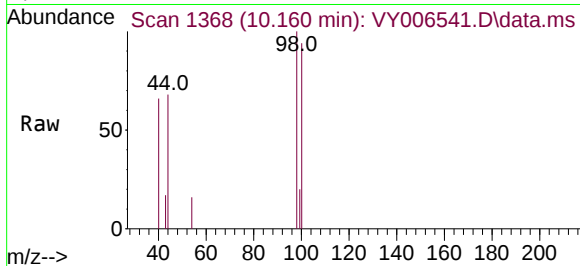




#51
4-Methyl-2-Pentanone
Concen: 1.017 ug/l
RT: 10.160 min Scan# 11
Delta R.T. 0.085 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

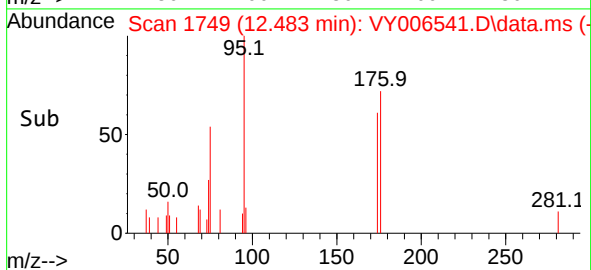
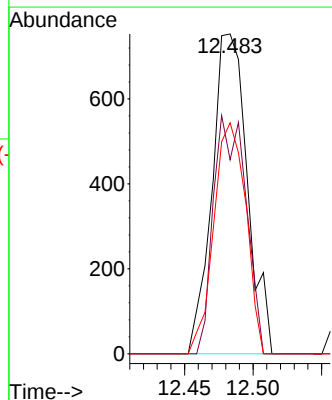
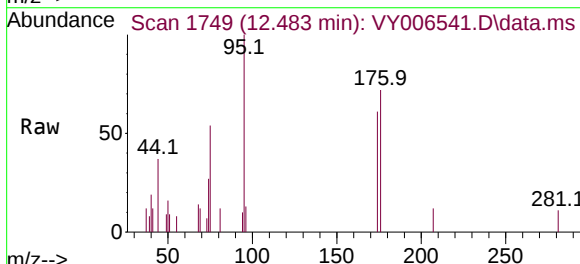
Instrument :
MSVOA_Y
ClientSampleId :

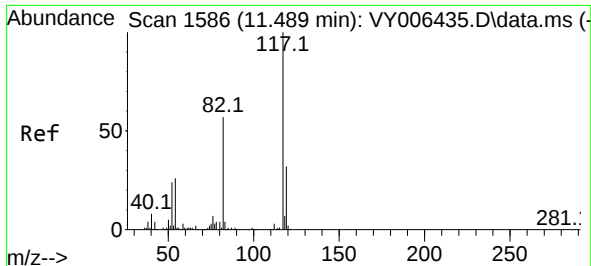
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 57.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Tgt Ion: 95 Resp: 1349
Ion Ratio Lower Upper
95 100
174 68.3 0.0 177.0
176 65.5 0.0 169.4

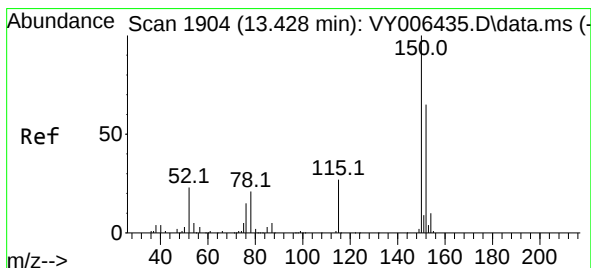
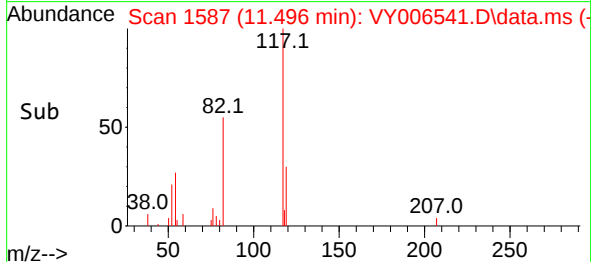
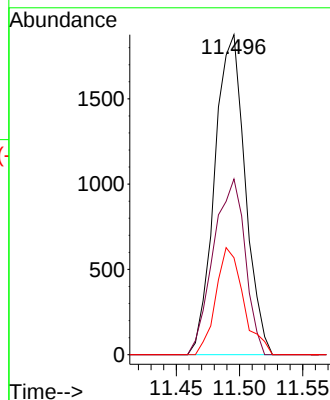
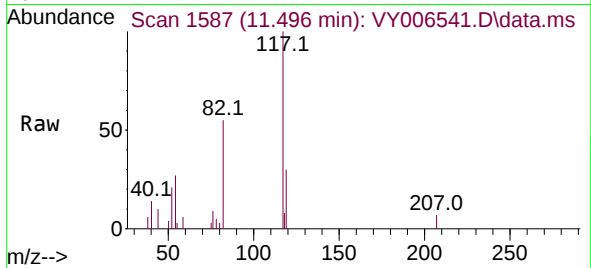




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

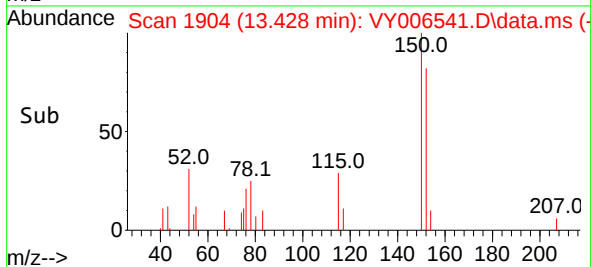
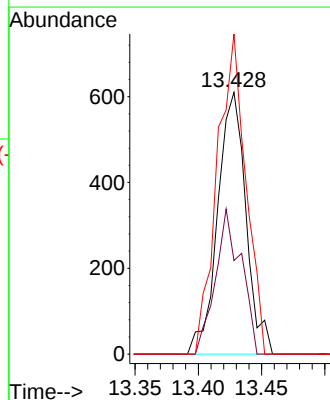
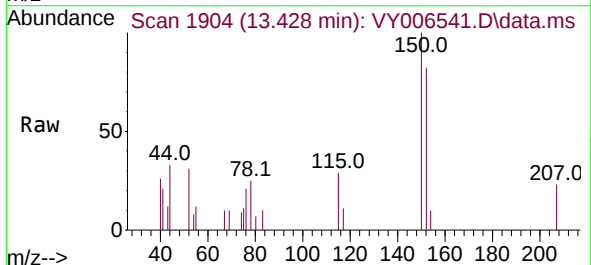
Instrument :
MSVOA_Y
ClientSampleId :

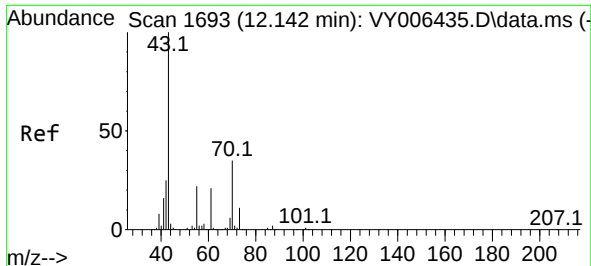
Tgt Ion:117 Resp: 3148
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 30.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

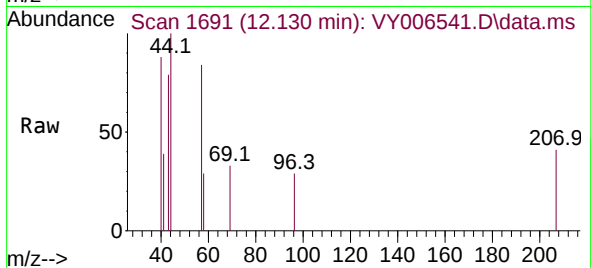
Tgt Ion:152 Resp: 950
Ion Ratio Lower Upper
152 100
115 50.2 28.5 85.5
150 123.3 0.0 348.2



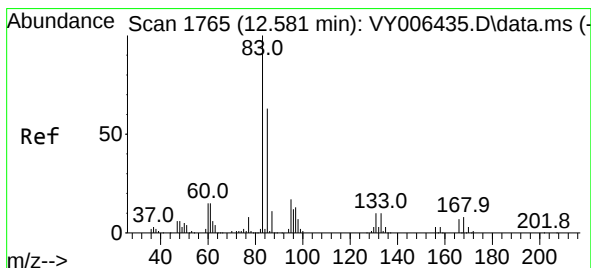
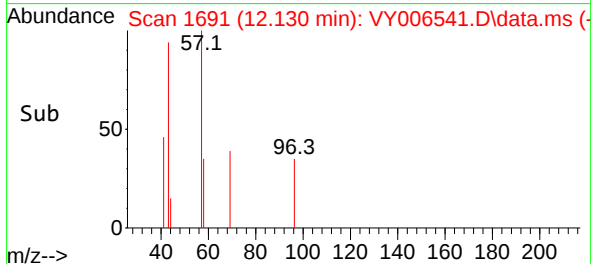
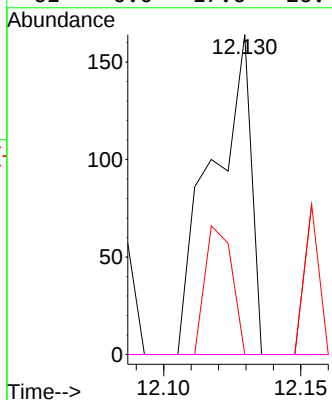


#74
N-amy1 acetate
Concen: 7.349 ug/l
RT: 12.130 min Scan# 1693
Delta R.T. -0.012 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Instrument :
MSVOA_Y
ClientSampleId :

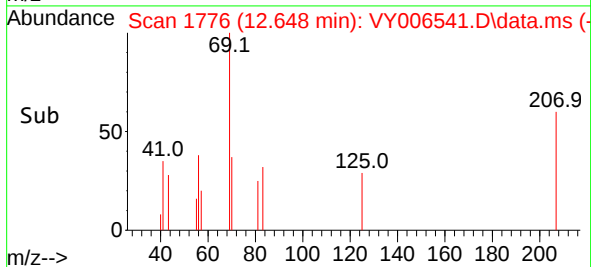
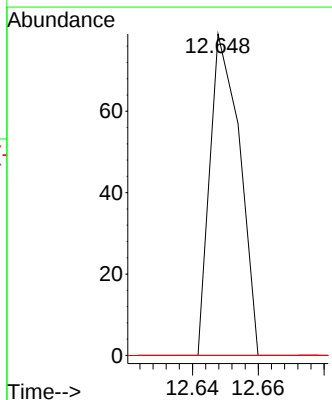
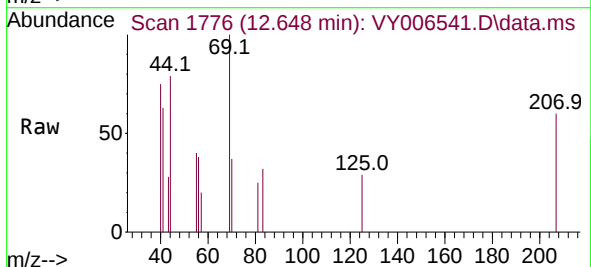


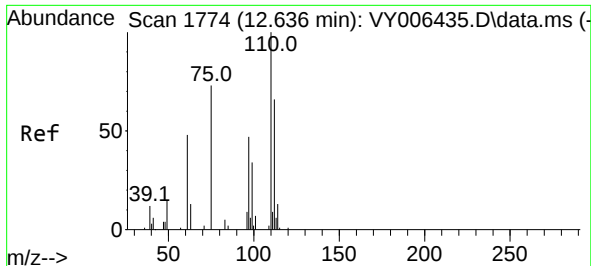
Tgt Ion: 43	Resp: 162
Ion Ratio	Lower Upper
43 100	
70 0.0	29.4 44.0#
55 27.8	18.1 27.1#
61 0.0	17.6 26.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 4.346 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.067 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Tgt Ion: 83	Resp: 50
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.4#
85 0.0	31.9 95.9#

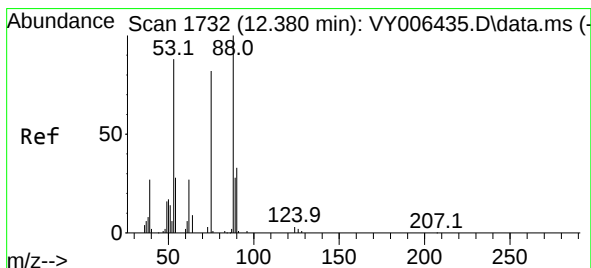
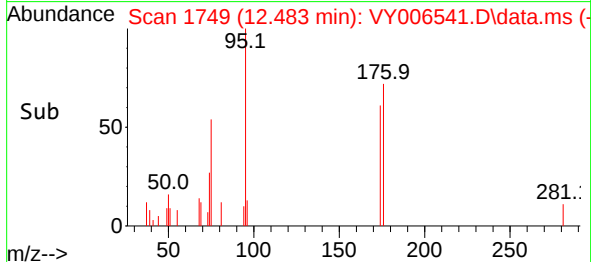
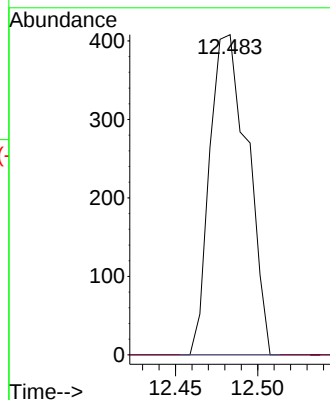
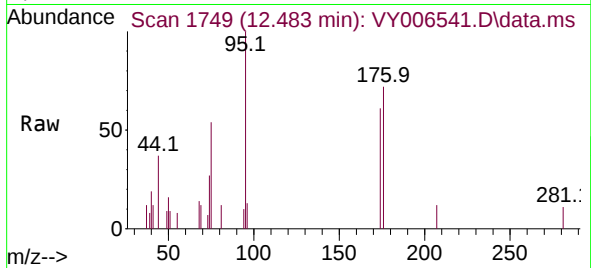




#76
1,2,3-Trichloropropane
Concen: 66.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 652
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 136.731 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

Tgt Ion: 75 Resp: 652
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

