

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006815.D
 Acq On : 18 Nov 2021 18:31
 Operator : SY/MD
 Sample : M4762-03
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11929

Quant Time: Nov 19 05:35:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

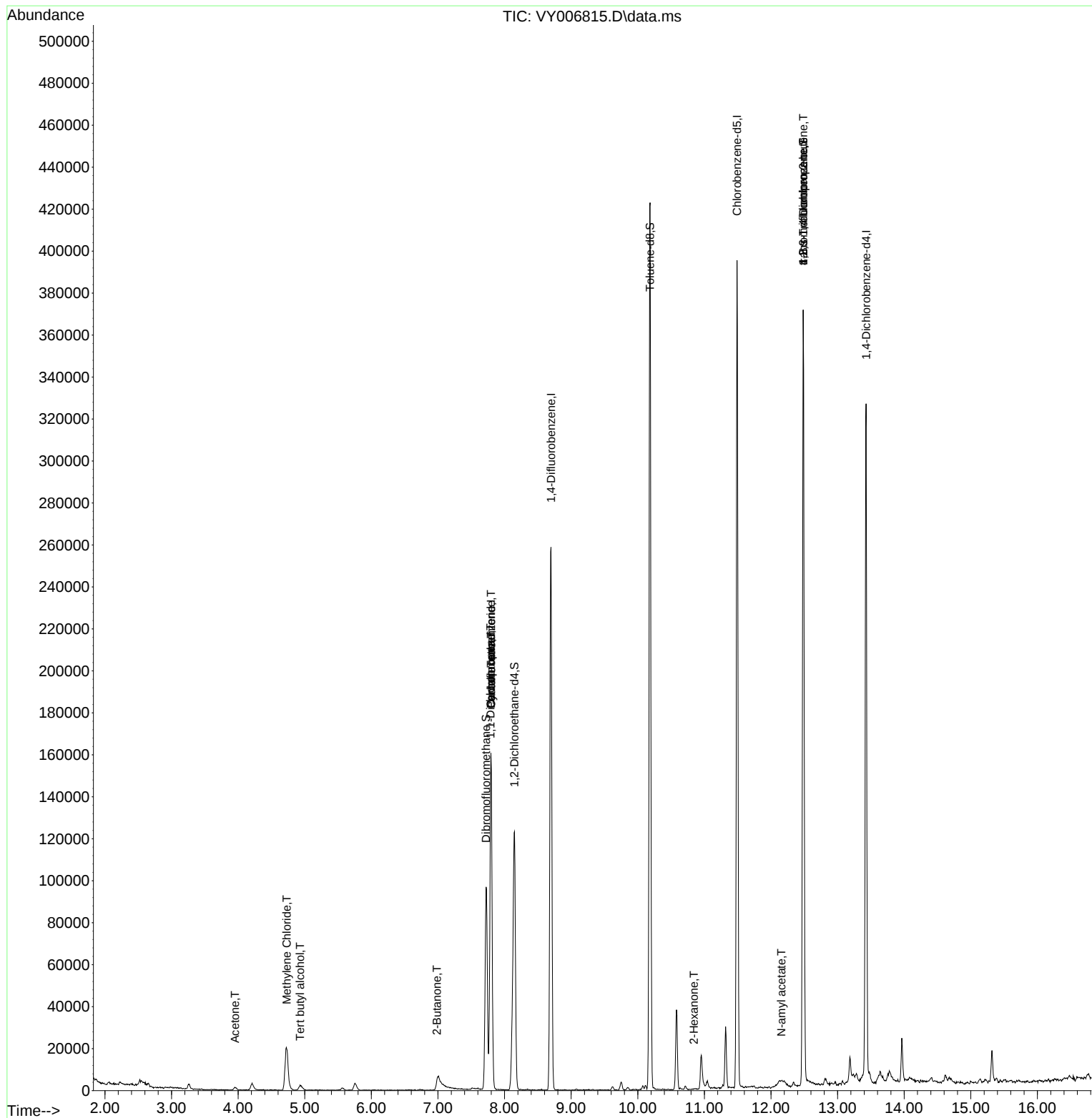
Internal Standards						
1) Pentafluorobenzene	7.795	168	120345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87599	55.539	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.080%			
35) Dibromofluoromethane	7.722	113	66042	52.405	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.800%			
50) Toluene-d8	10.185	98	268868	51.557	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.120%			
62) 4-Bromofluorobenzene	12.483	95	83941	47.746	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.930	59	2969	12.517	ug/l #	72
16) Acetone	3.954	43	2359	4.923	ug/l	98
20) Methylene Chloride	4.729	84	13526	6.476	ug/l	95
25) 2-Butanone	6.984	43	324	11.944	ug/l #	52
31) Cyclohexane	7.795	56	2985	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10286	4.612	ug/l #	49
38) Carbon Tetrachloride	7.795	117	12276	5.382	ug/l #	16
59) 2-Hexanone	10.843	43	73	23.877	ug/l #	28
74) N-amyl acetate	12.154	43	119	3.209	ug/l #	5
76) 1,2,3-Trichloropropane	12.483	75	48860	59.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48860	118.493	ug/l #	7

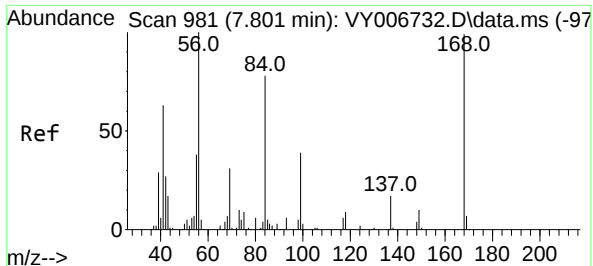
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
Data File : VY006815.D
Acq On : 18 Nov 2021 18:31
Operator : SY/MD
Sample : M4762-03
Misc : 5.06G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11929

Quant Time: Nov 19 05:35:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

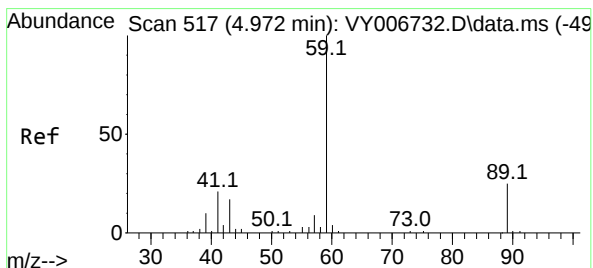
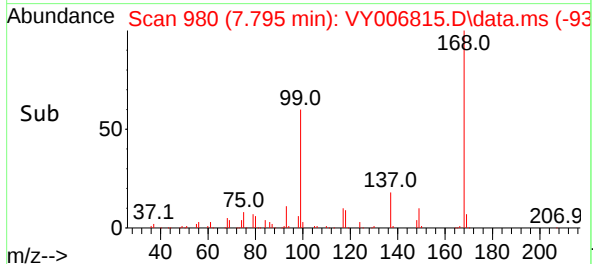
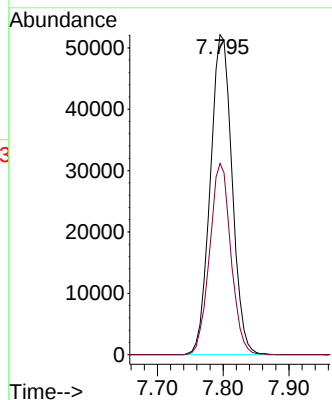
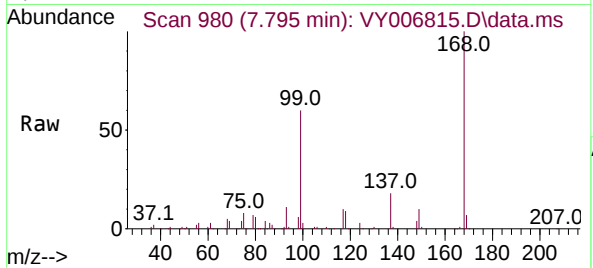




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

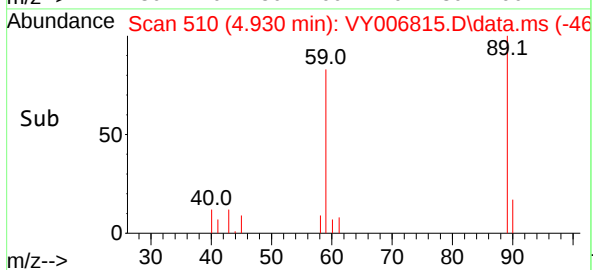
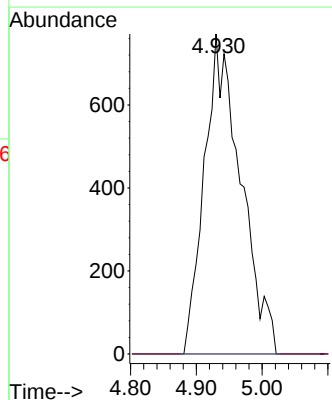
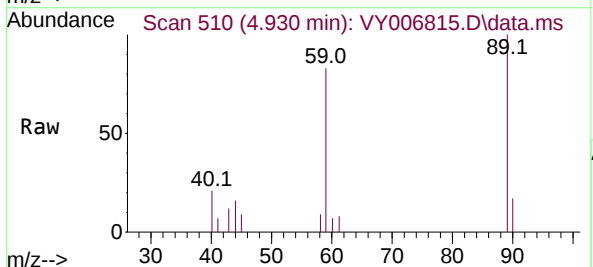
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

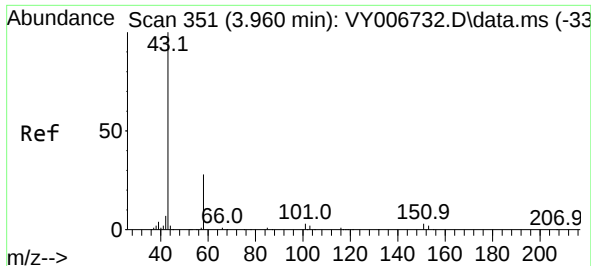
Tgt Ion:168 Resp: 120345
Ion Ratio Lower Upper
168 100
99 59.8 44.8 67.2



#11
Tert butyl alcohol
Concen: 12.517 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.042 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Tgt Ion: 59 Resp: 2969
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

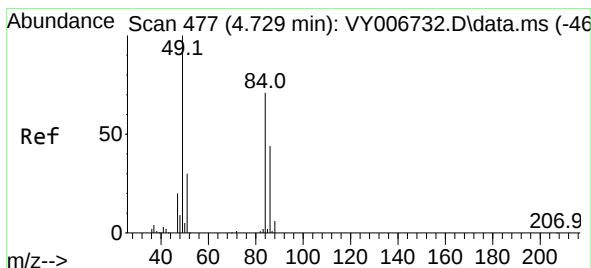
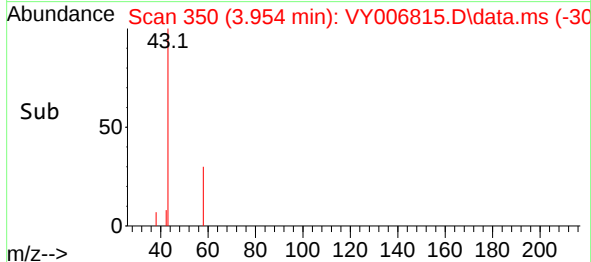
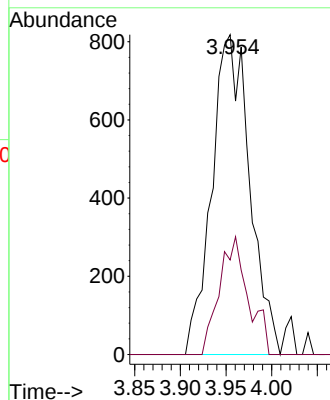
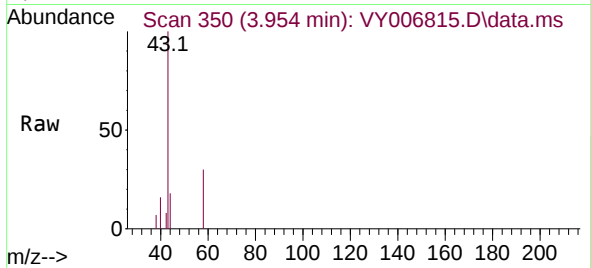




#16
Acetone
Concen: 4.923 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

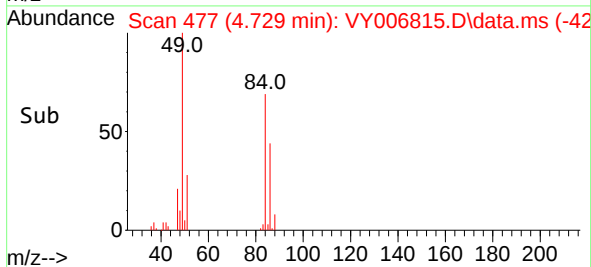
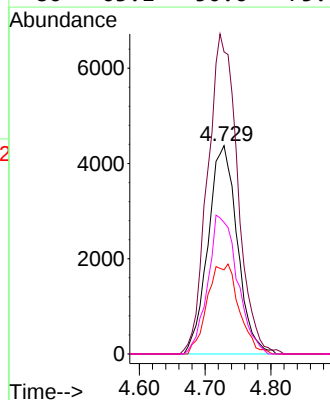
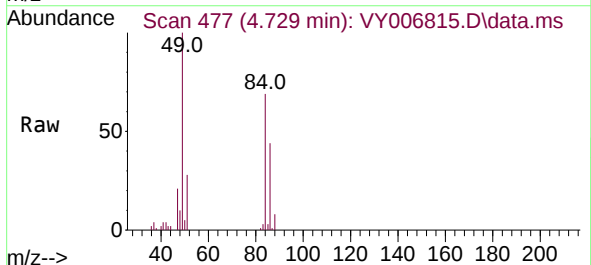
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

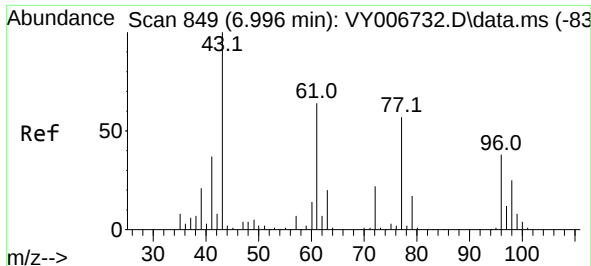
Tgt Ion: 43 Resp: 2359
Ion Ratio Lower Upper
43 100
58 29.6 22.9 34.3



#20
Methylene Chloride
Concen: 6.476 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Tgt Ion: 84 Resp: 13526
Ion Ratio Lower Upper
84 100
49 145.0 107.8 161.8
51 40.4 32.8 49.2
86 63.1 50.6 75.8





#25

2-Butanone

Concen: 11.944 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY006815.D

Acq: 18 Nov 2021 18:31

Instrument :

MSVOA_Y

ClientSampleId :

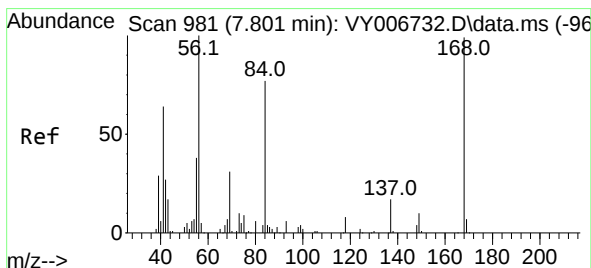
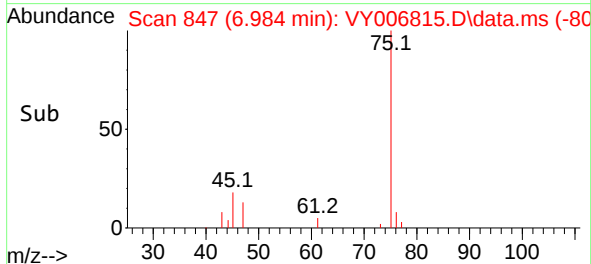
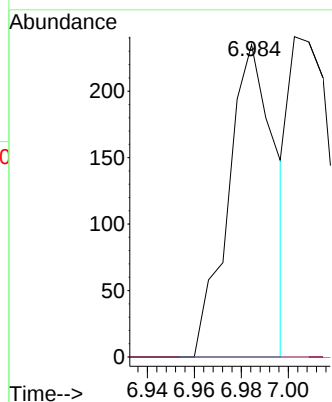
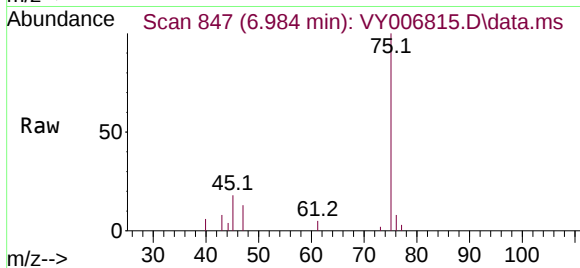
72-11929

Tgt Ion: 43 Resp: 324

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006815.D

Acq: 18 Nov 2021 18:31

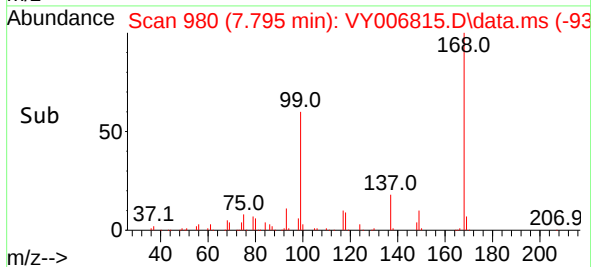
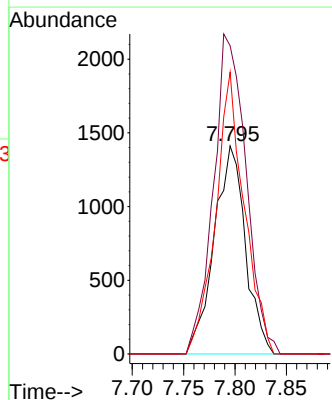
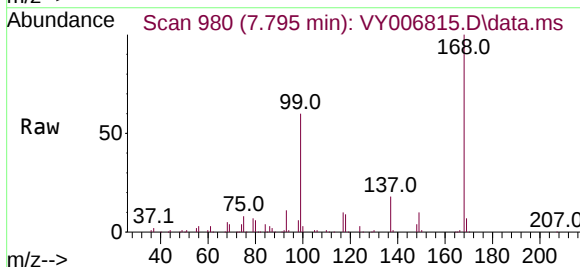
Tgt Ion: 56 Resp: 2985

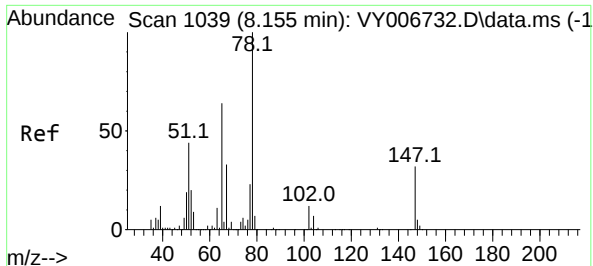
Ion Ratio Lower Upper

56 100

69 148.2 26.6 40.0#

84 135.5 65.0 97.4#

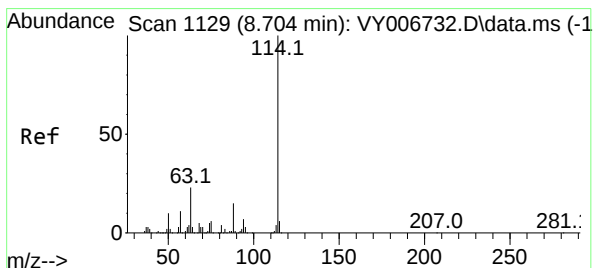
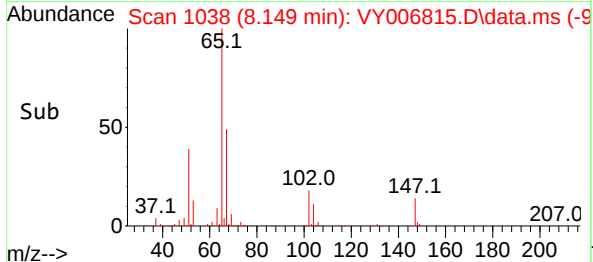
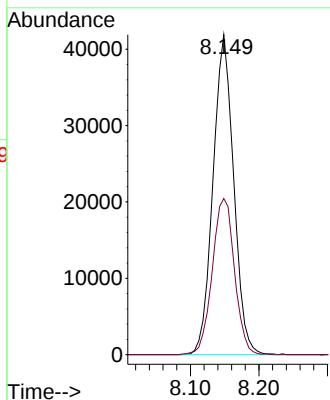
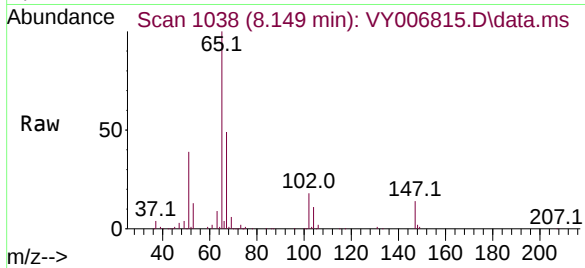




#33
 1,2-Dichloroethane-d4
 Concen: 55.539 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY006815.D
 Acq: 18 Nov 2021 18:31

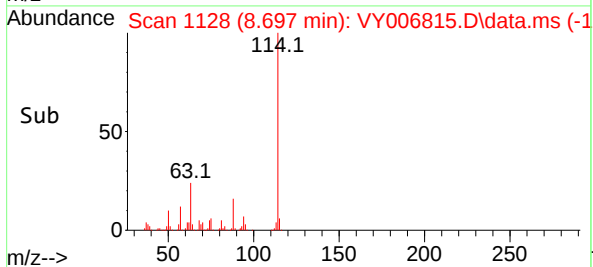
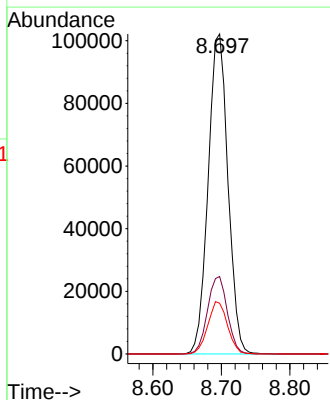
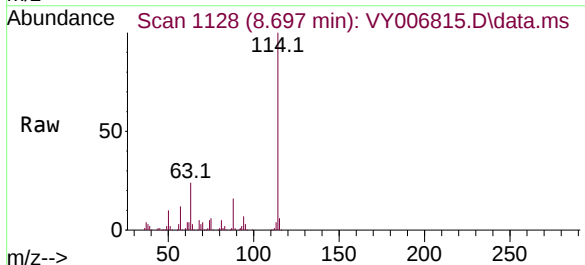
Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11929

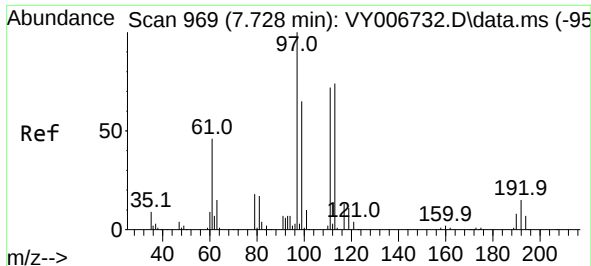
Tgt Ion: 65 Resp: 87599
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY006815.D
 Acq: 18 Nov 2021 18:31

Tgt Ion: 114 Resp: 205169
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 45.0
 88 15.9 0.0 30.6

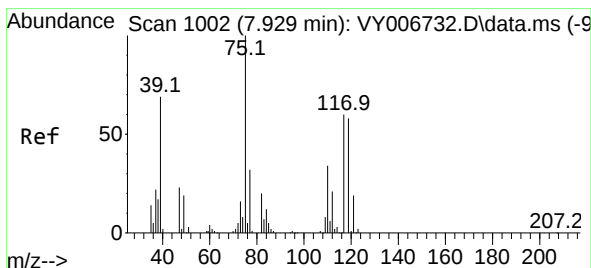
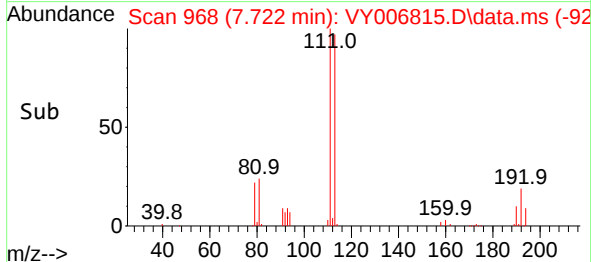
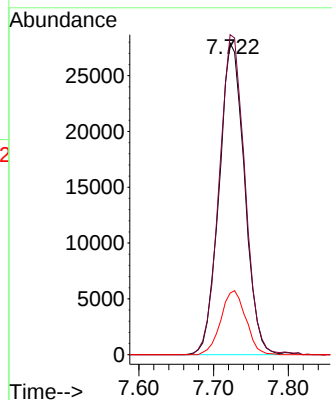
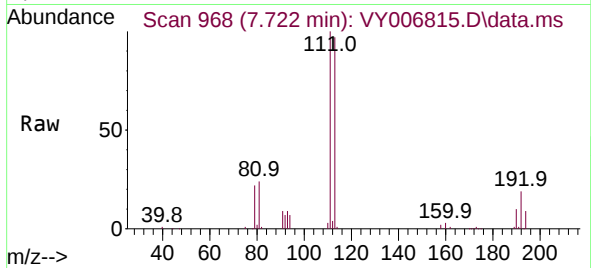




#35
Dibromofluoromethane
Concen: 52.405 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

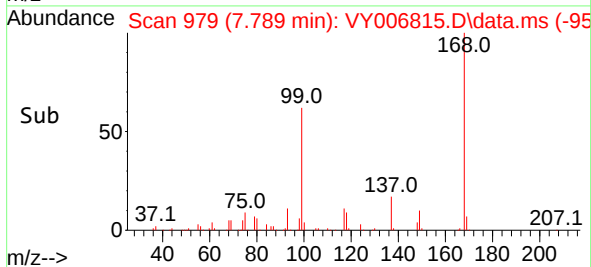
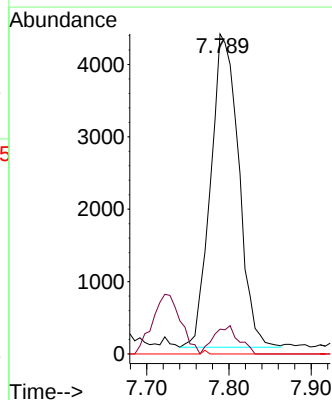
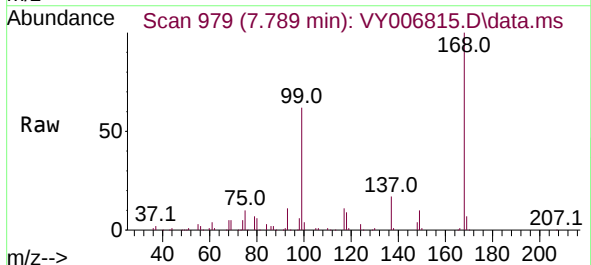
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

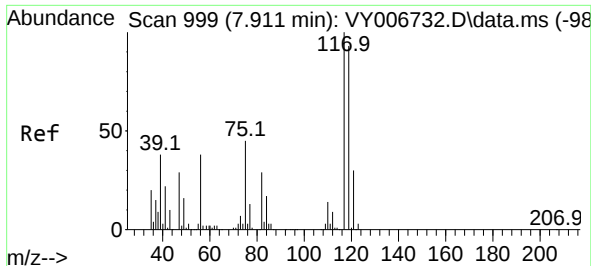
Tgt Ion:113 Resp: 66042
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 20.2 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.612 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Tgt Ion: 75 Resp: 10286
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.3#
77 0.0 24.9 37.3#

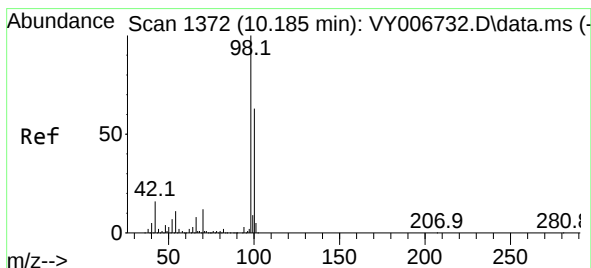
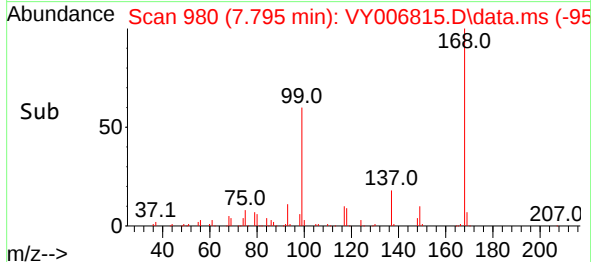
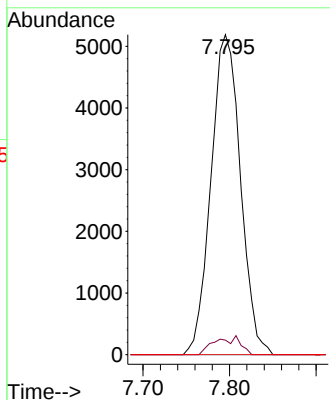
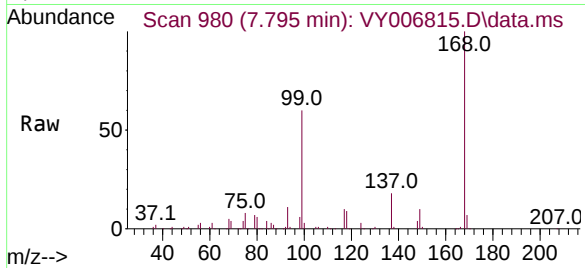




#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

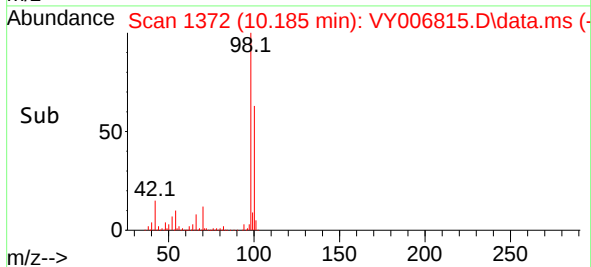
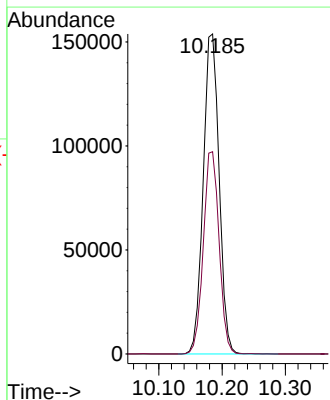
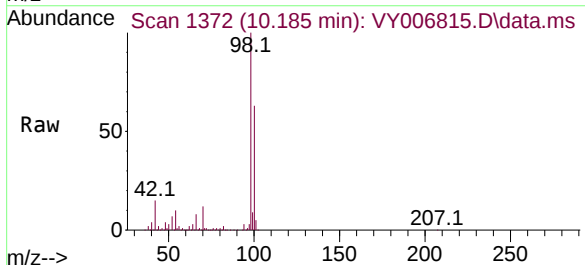
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

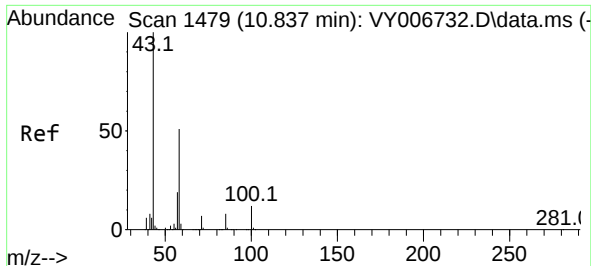
Tgt Ion:117 Resp: 12276
Ion Ratio Lower Upper
117 100
119 4.5 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.557 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Tgt Ion: 98 Resp: 268868
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

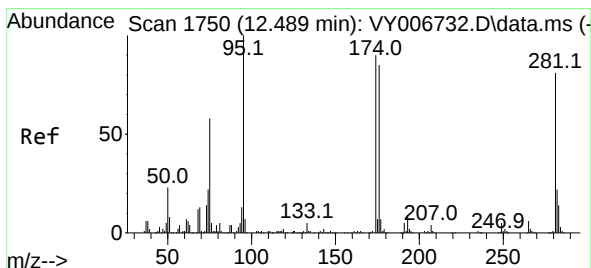
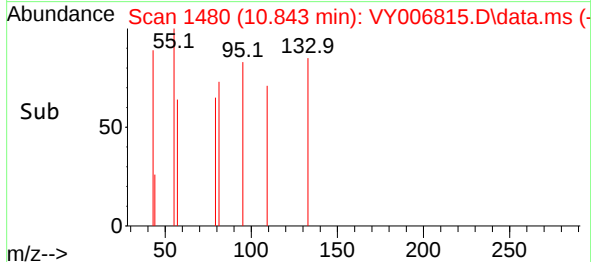
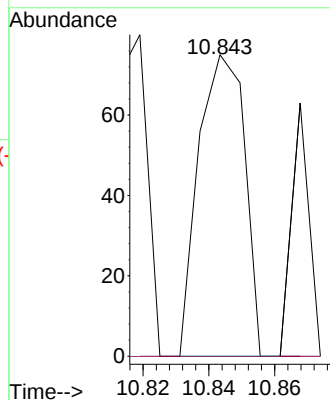
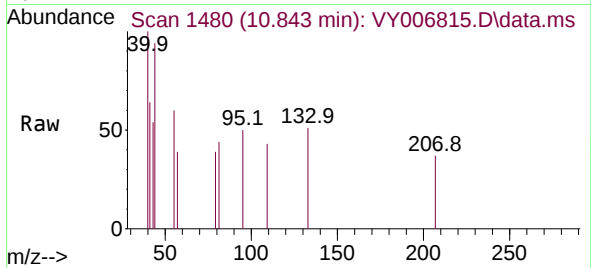




#59
2-Hexanone
Concen: 23.877 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

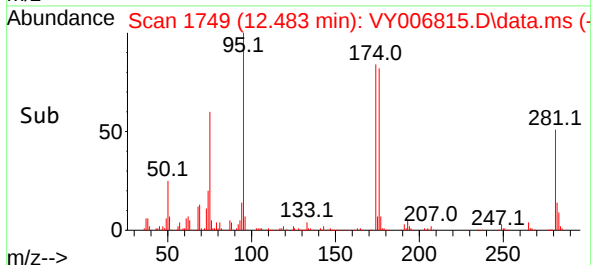
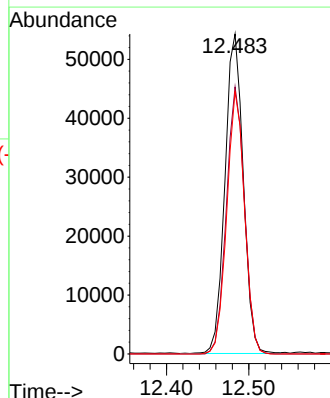
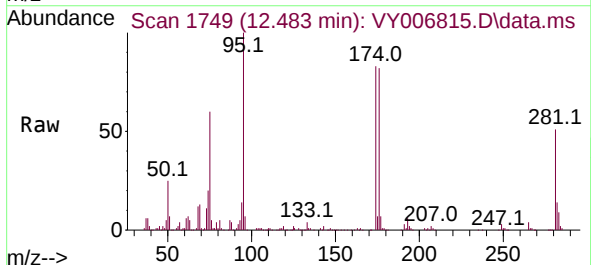
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

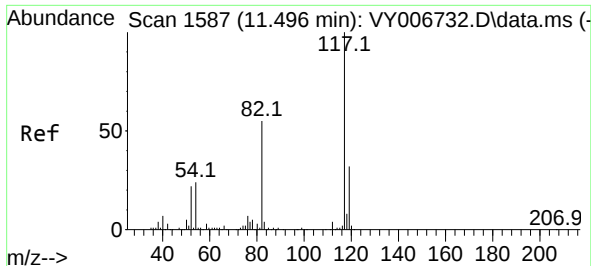
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 47.746 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Tgt Ion: 95 Resp: 83941
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.5 0.0 169.4

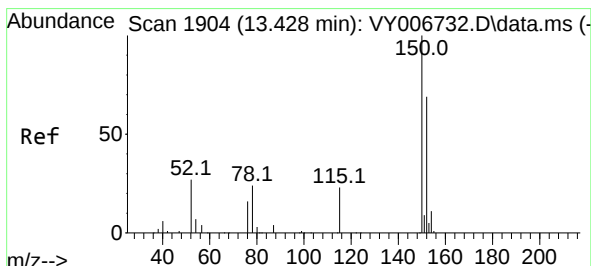
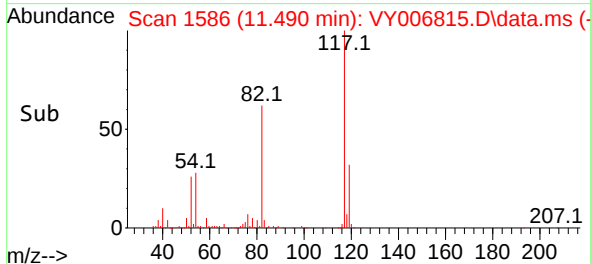
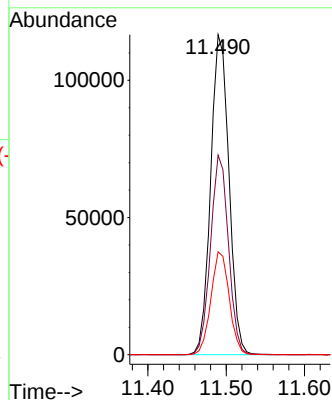
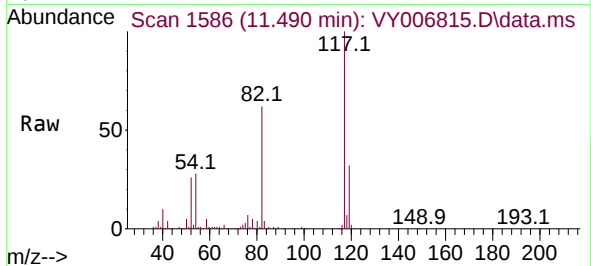




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

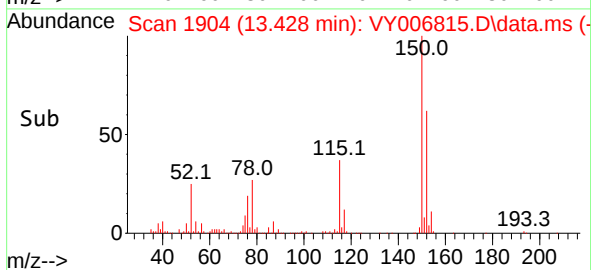
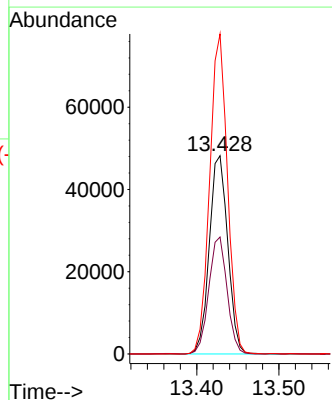
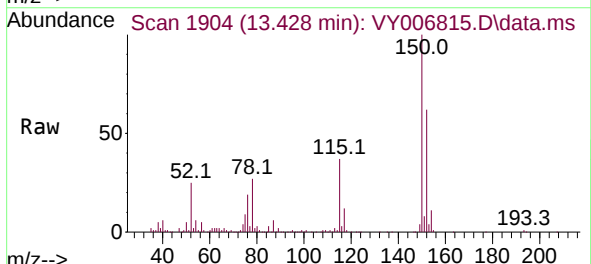
Instrument :
MSVOA_Y
ClientSampleId :
72-11929

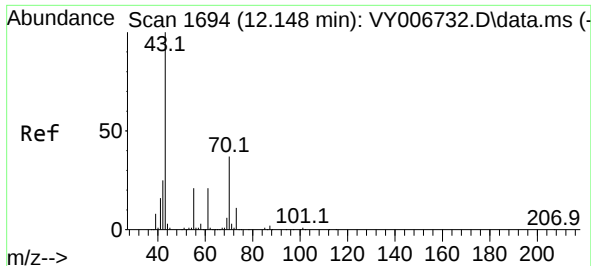
Tgt Ion:117 Resp: 188979
Ion Ratio Lower Upper
117 100
82 62.4 45.7 68.5
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

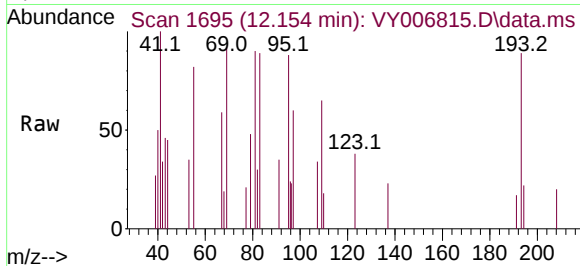
Tgt Ion:152 Resp: 75150
Ion Ratio Lower Upper
152 100
115 58.4 28.5 85.5
150 155.4 0.0 348.2



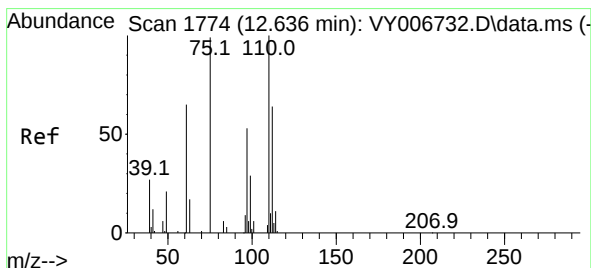
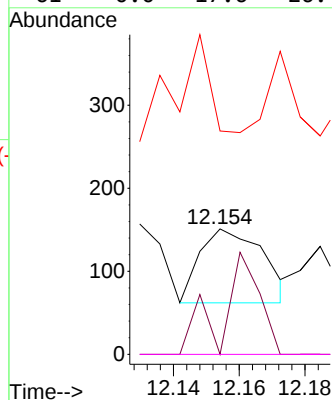
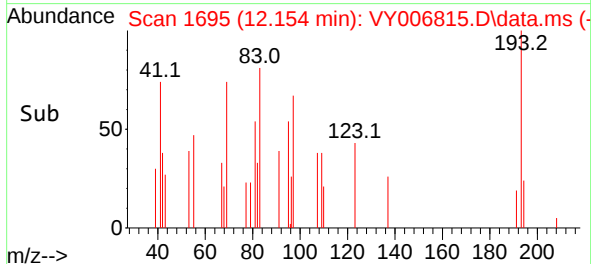


#74
N-amy1 acetate
Concen: 3.209 ug/l
RT: 12.154 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Instrument :
MSVOA_Y
ClientSampleId :
72-11929

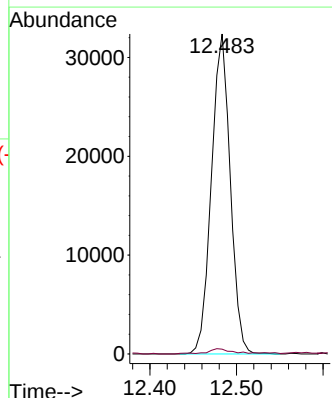
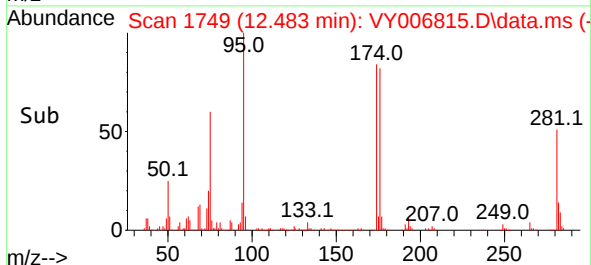
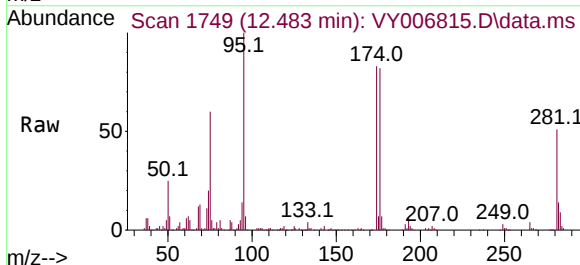


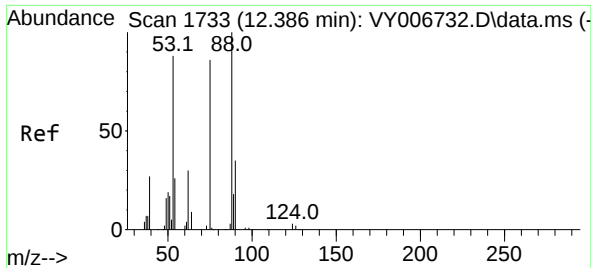
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
70 82.4 29.4 44.0#
55 105.9 18.1 27.1#
61 0.0 17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 59.801 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006815.D
Acq: 18 Nov 2021 18:31

Tgt Ion: 75 Resp: 48860
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.493 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY006815.D
 Acq: 18 Nov 2021 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11929

Tgt Ion: 75 Resp: 48860
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.8 128.6#
 89 0.6 39.3 58.9#

