

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006664.D
 Acq On : 05 Nov 2021 18:17
 Operator : SY/MD
 Sample : M4477-09
 Misc : 5.01G/10ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:42:10 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	7.801	168	110057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	189321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	182881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	80096	59.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.280%
35) Dibromofluoromethane	7.728	113	58698	55.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.185	98	240567	53.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.483	95	75706	50.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.480%

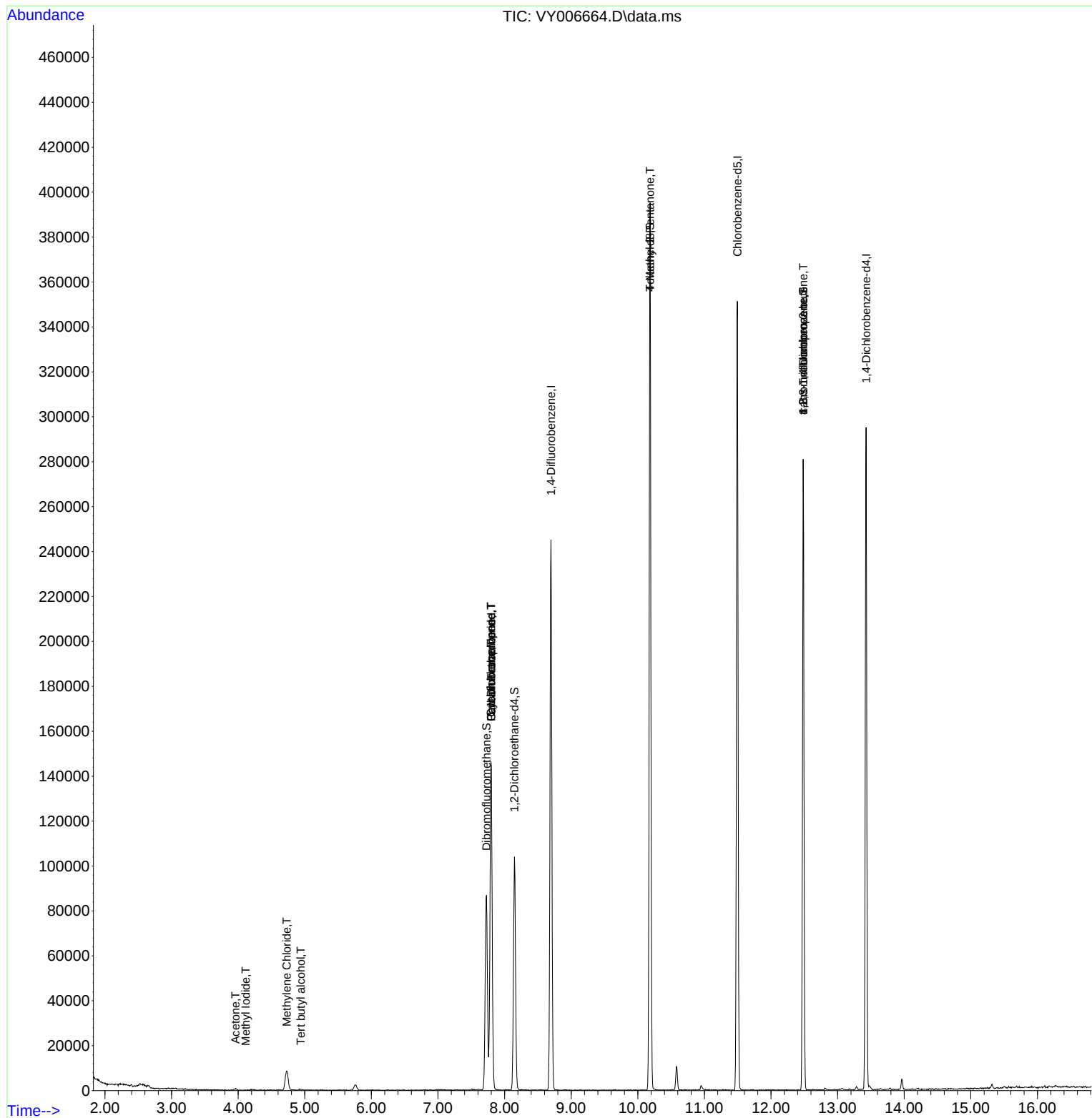
Target Compounds					Qvalue	
10) Methyl Iodide	4.113	142	99	5.142	ug/l #	36
11) Tert butyl alcohol	4.942	59	259	2.105	ug/l #	72
16) Acetone	3.960	43	1103	2.828	ug/l	95
20) Methylene Chloride	4.728	84	6005	1.014	ug/l	96
31) Cyclohexane	7.795	56	2963	1.351	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9338	4.992	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11310	5.481	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1350	1.121	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42084	58.000	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42084	119.072	ug/l #	7

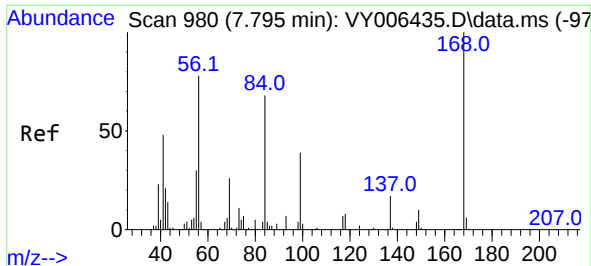
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
Data File : VY006664.D
Acq On : 05 Nov 2021 18:17
Operator : SY/MD
Sample : M4477-09
Misc : 5.01G/10ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

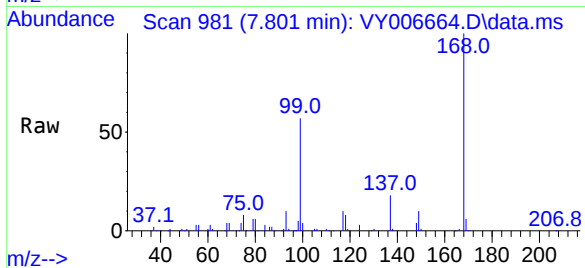
Quant Time: Nov 06 20:42:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



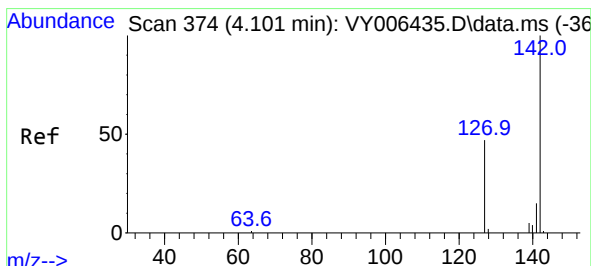
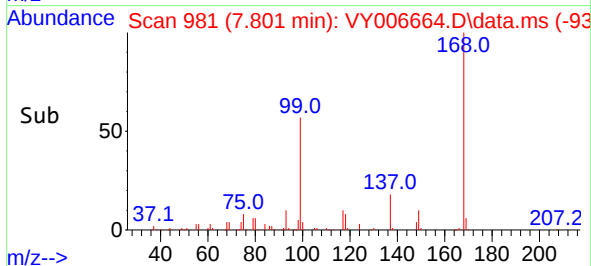
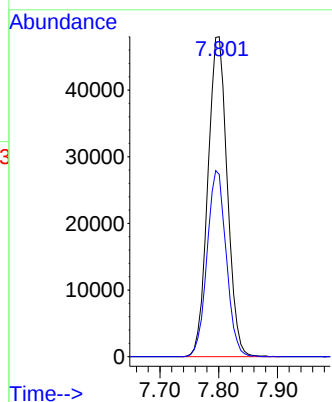


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :

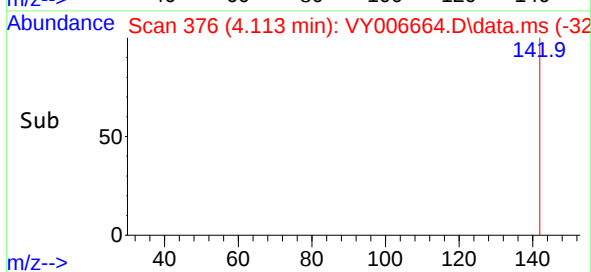
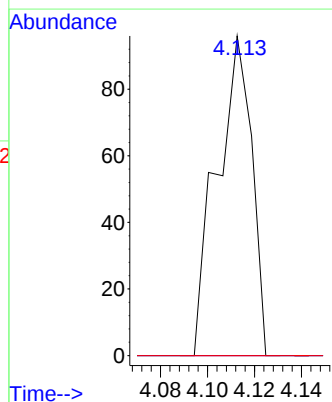
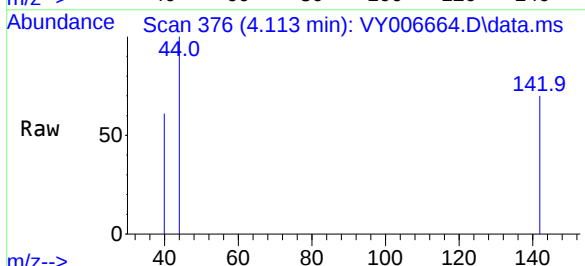


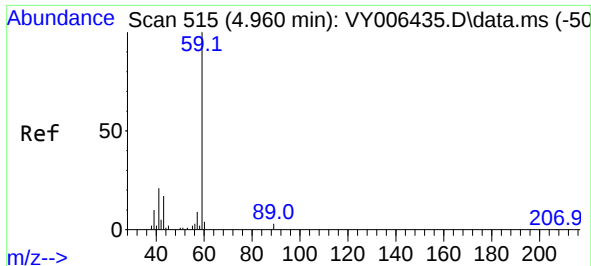
Tgt Ion:168 Resp: 110057
Ion Ratio Lower Upper
168 100
99 57.0 44.8 67.2



#10
Methyl Iodide
Concen: 5.142 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

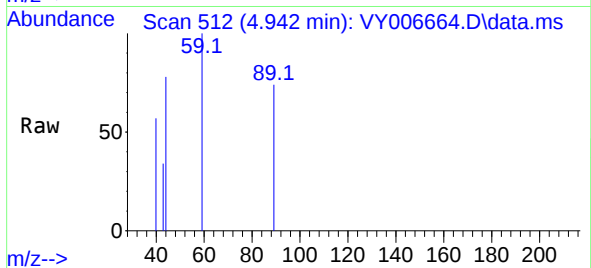
Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



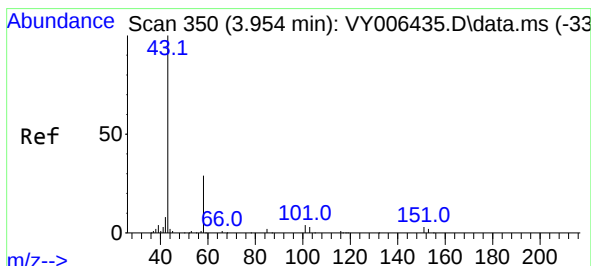
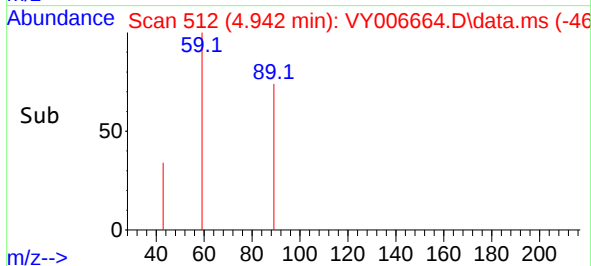
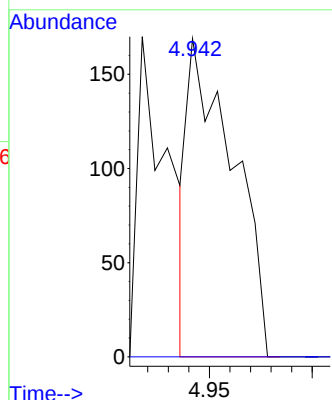


#11
Tert butyl alcohol
Concen: 2.105 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :

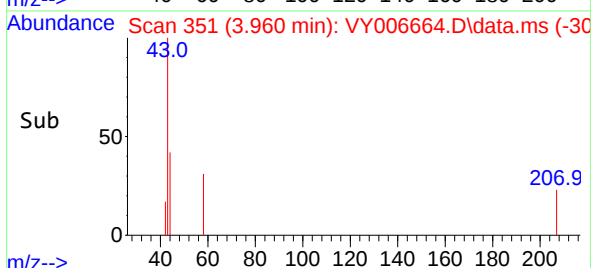
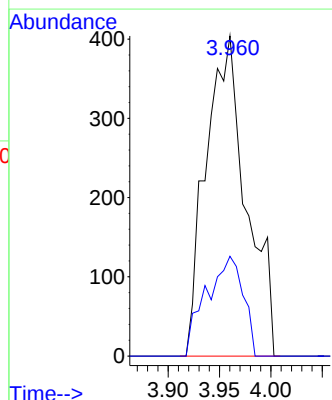
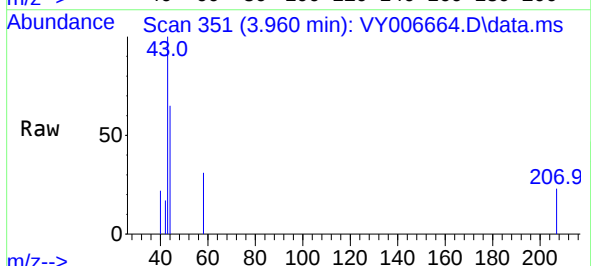


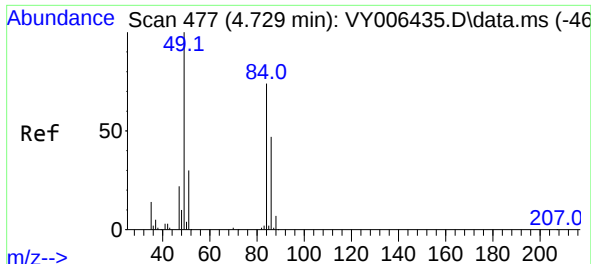
Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 2.828 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

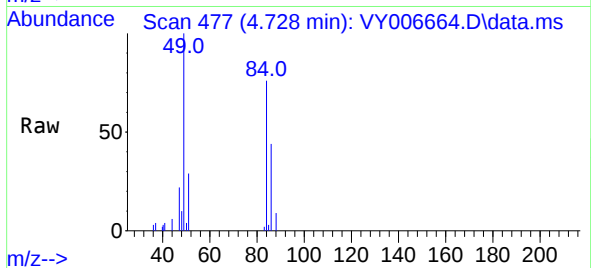
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 31.2 22.9 34.3





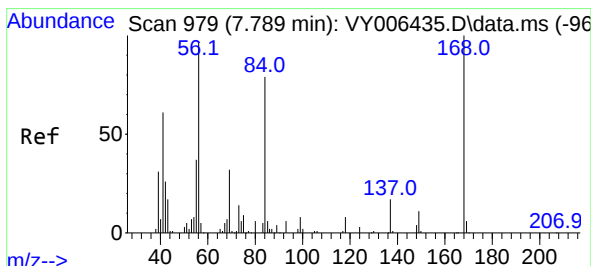
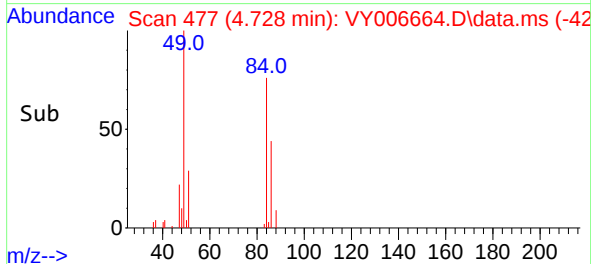
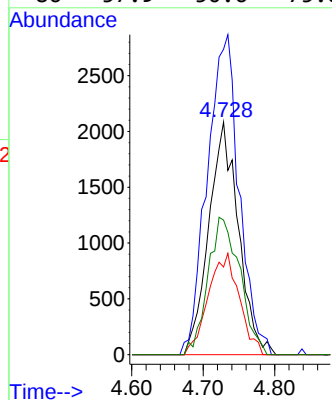
#20
Methylene Chloride
Concen: 1.014 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6005

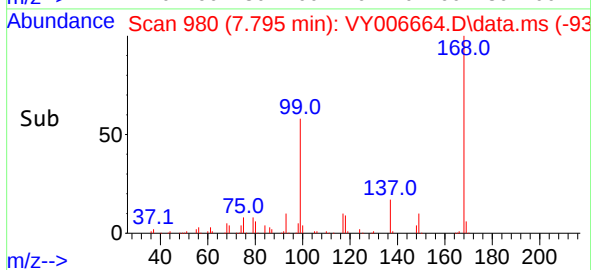
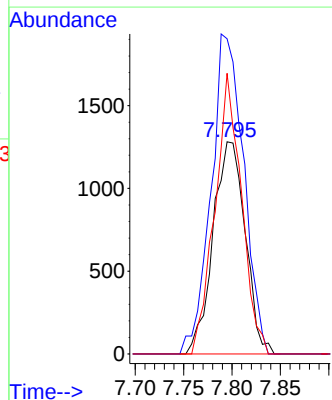
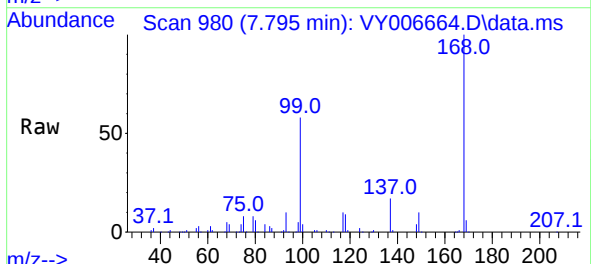
Ion	Ratio	Lower	Upper
84	100		
49	131.3	107.8	161.8
51	37.7	32.8	49.2
86	57.9	50.6	75.8

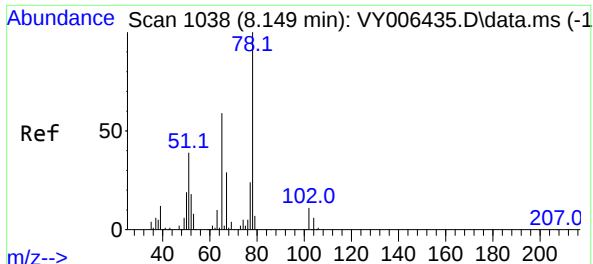


#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Tgt Ion: 56 Resp: 2963

Ion	Ratio	Lower	Upper
56	100		
69	148.5	26.6	40.0#
84	132.2	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 59.141 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006664.D

Acq: 05 Nov 2021 18:17

Instrument :

MSVOA_Y

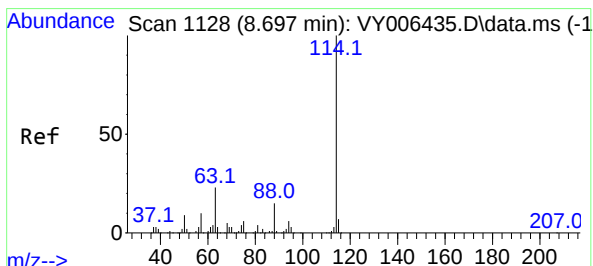
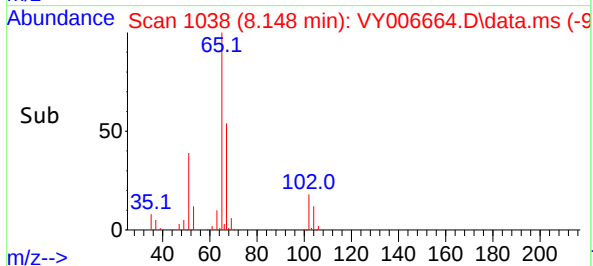
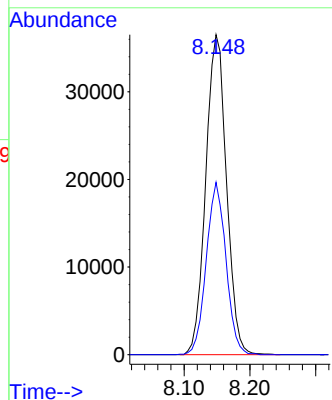
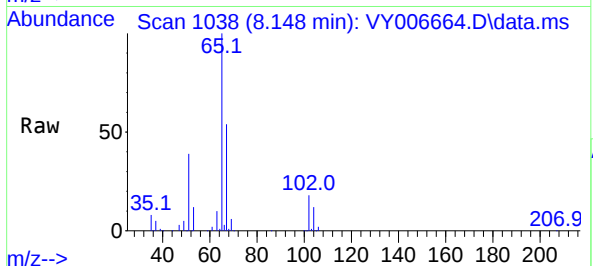
ClientSampleId :

Tgt Ion: 65 Resp: 80096

Ion Ratio Lower Upper

65 100

67 51.2 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: VY006664.D

Acq: 05 Nov 2021 18:17

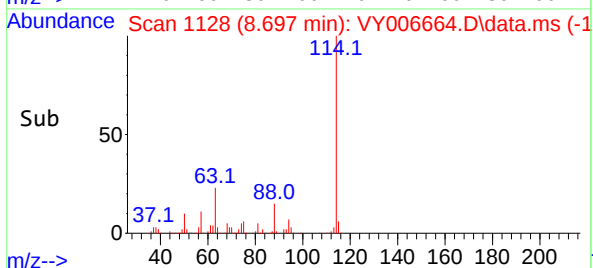
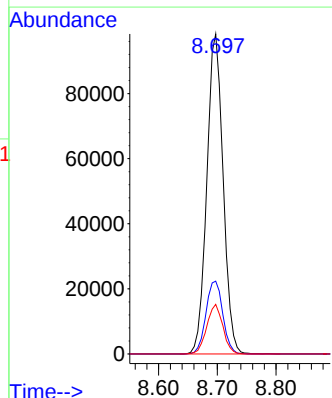
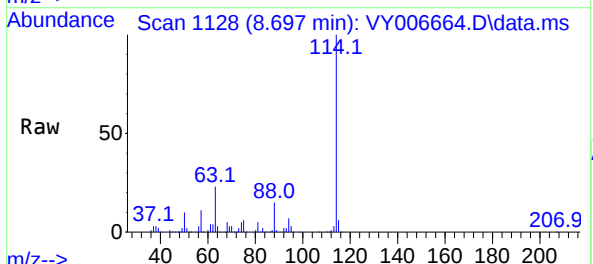
Tgt Ion: 114 Resp: 189321

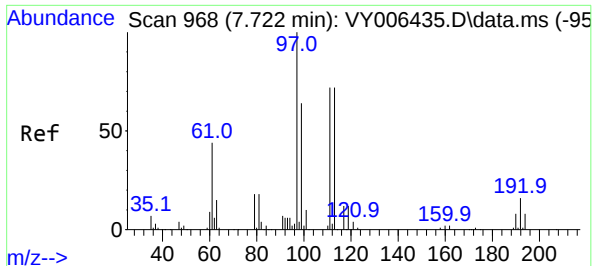
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 15.5 0.0 30.6

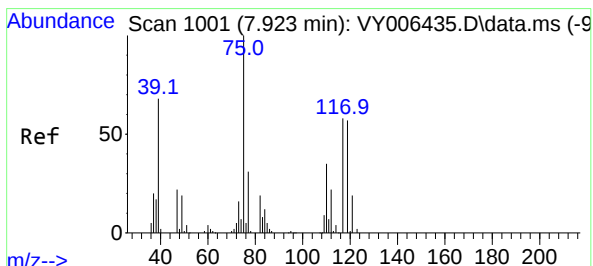
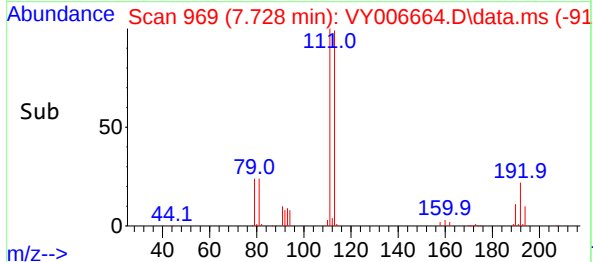
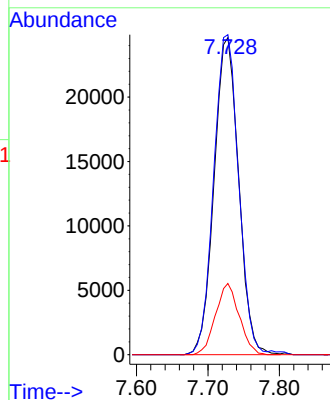
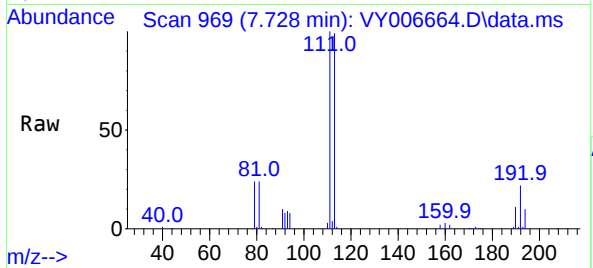




#35
Dibromofluoromethane
Concen: 55.626 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

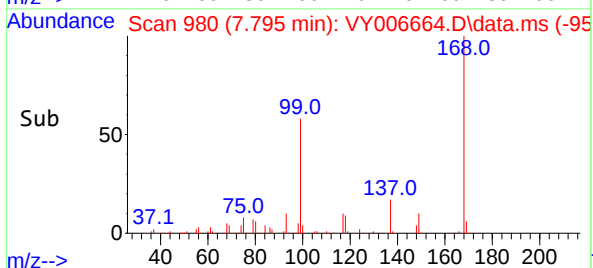
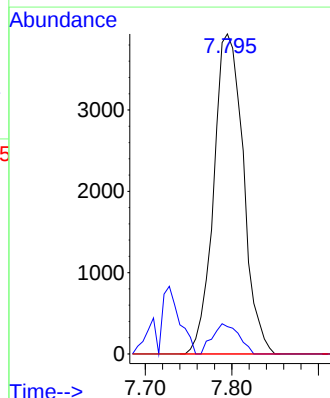
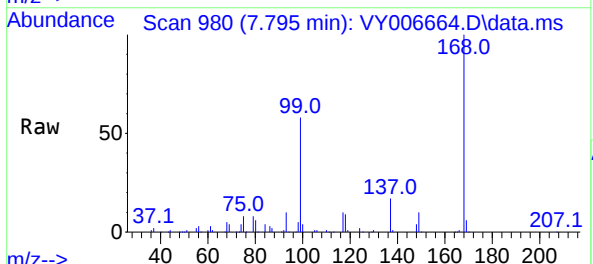
Instrument :
MSVOA_Y
ClientSampleId :

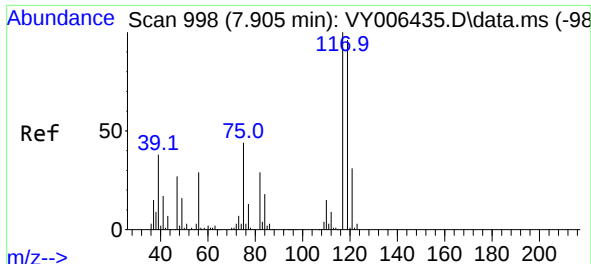
Tgt Ion:113 Resp: 58698
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 21.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.992 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

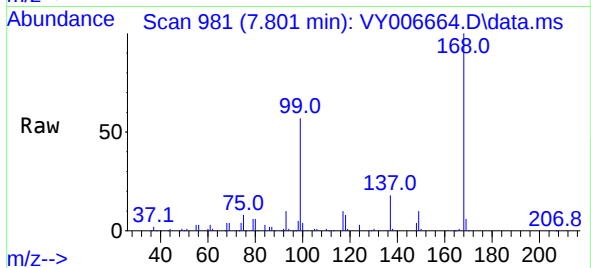
Tgt Ion: 75 Resp: 9338
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.3#
77 0.0 24.9 37.3#



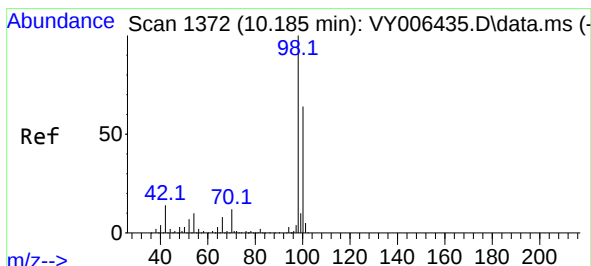
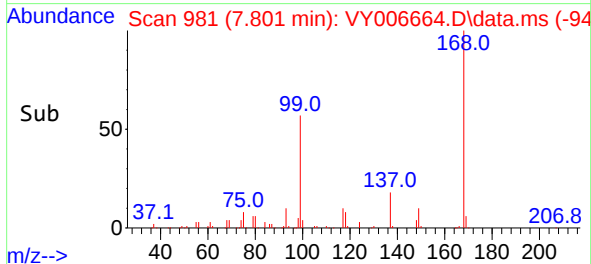
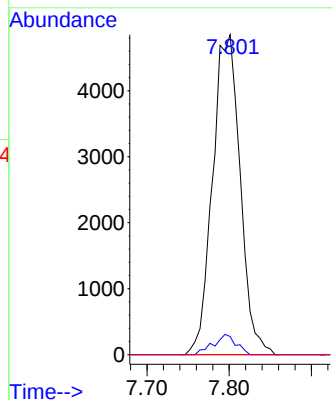


#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :

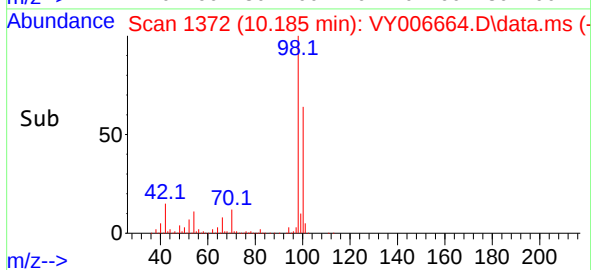
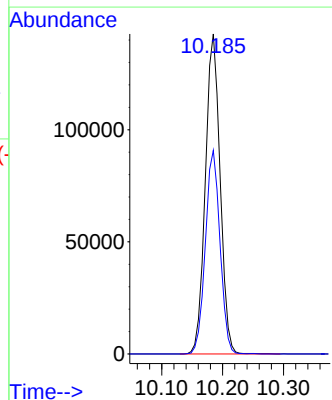
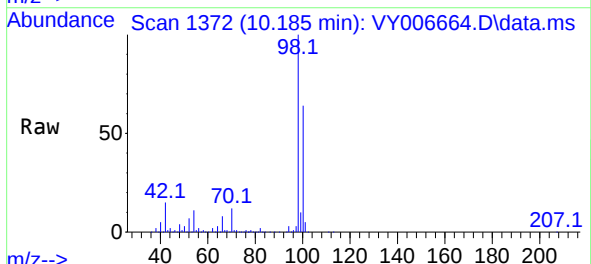


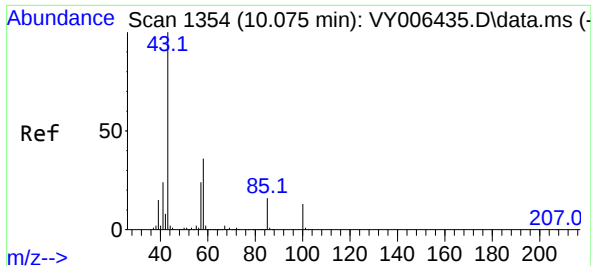
Tgt Ion:117 Resp: 11310
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.779 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Tgt Ion: 98 Resp: 240567
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

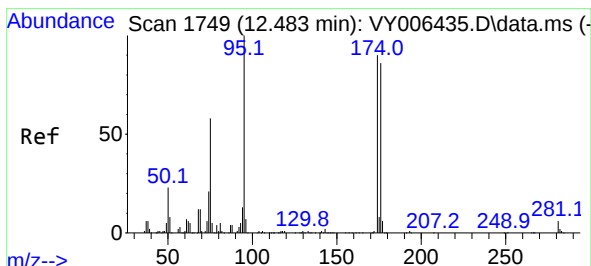
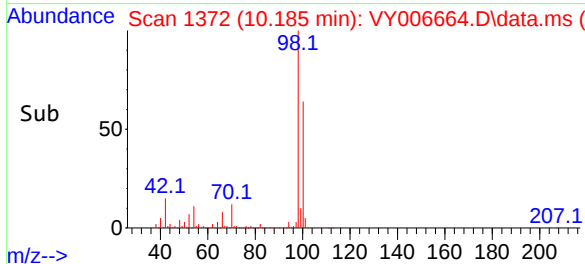
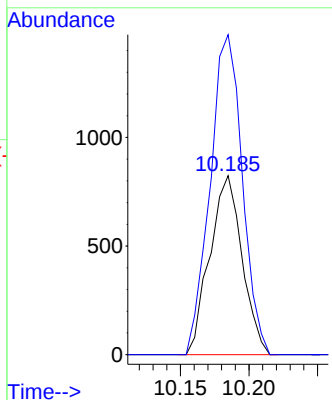
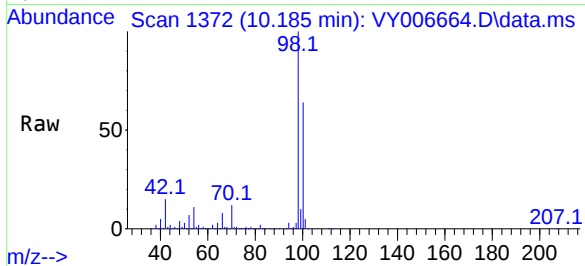




#51
4-Methyl-2-Pentanone
Concen: 1.121 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

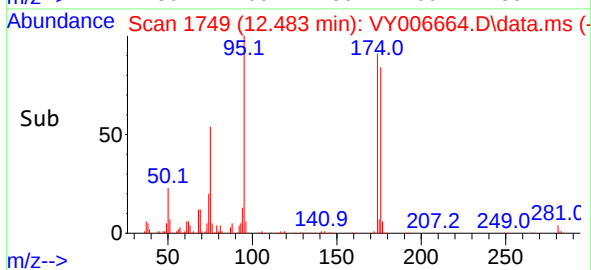
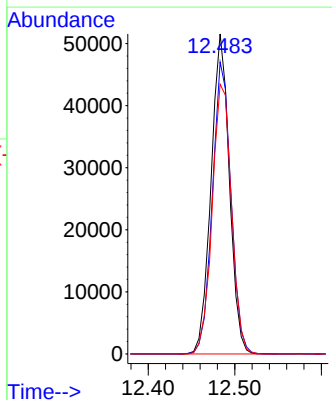
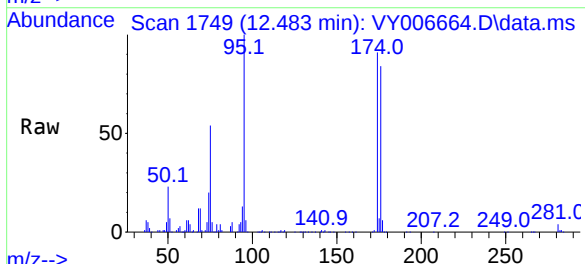
Instrument :
MSVOA_Y
ClientSampleId :

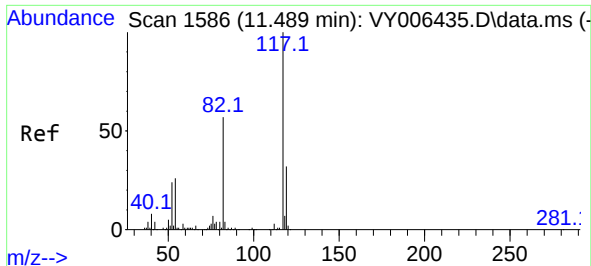
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
58 178.2 28.7 43.1#



#62
4-Bromofluorobenzene
Concen: 50.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Tgt Ion: 95 Resp: 75706
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 88.7 0.0 169.4

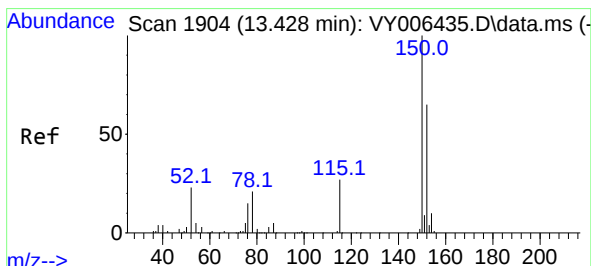
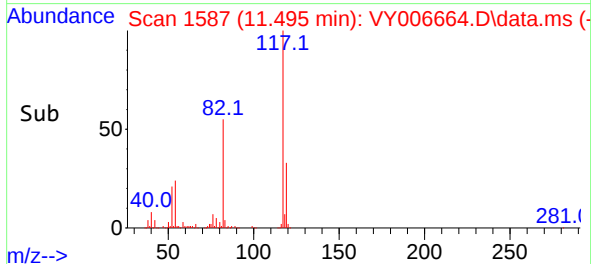
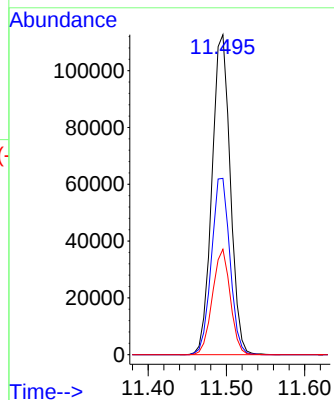
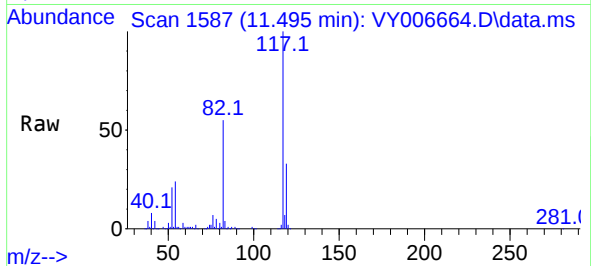




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

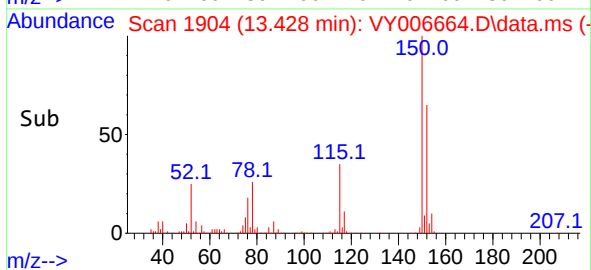
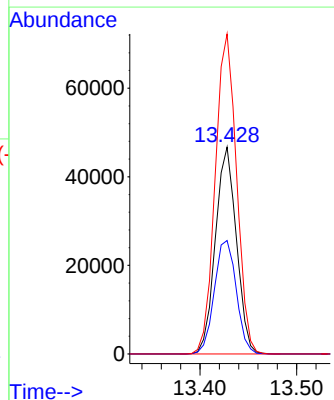
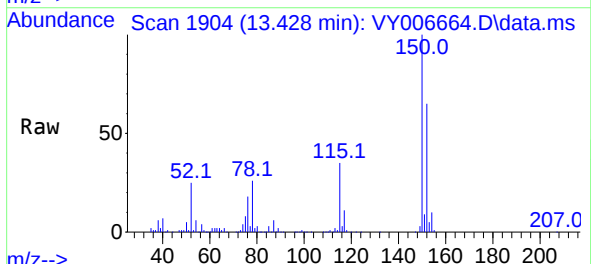
Instrument :
MSVOA_Y
ClientSampleId :

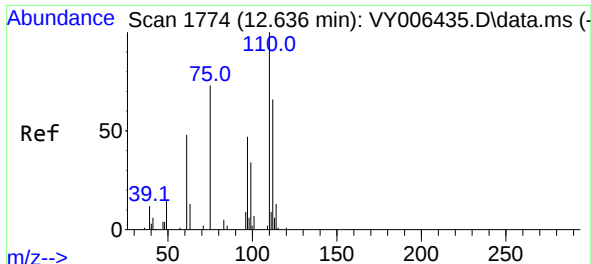
Tgt Ion:117 Resp: 182881
Ion Ratio Lower Upper
117 100
82 55.1 45.7 68.5
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Tgt Ion:152 Resp: 70413
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 157.0 0.0 348.2

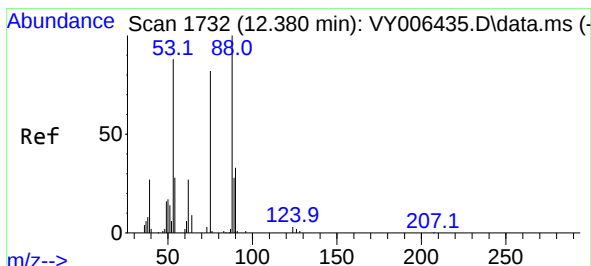
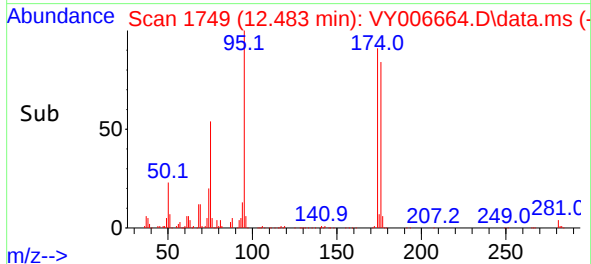
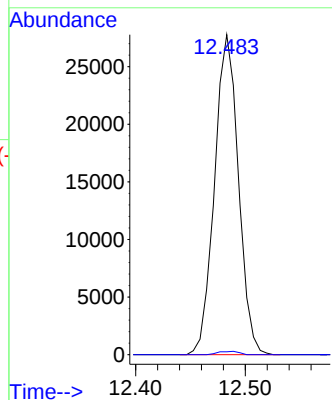
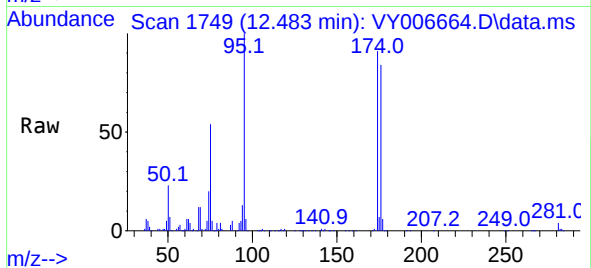




#76
1,2,3-Trichloropropane
Concen: 58.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42084
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006664.D
Acq: 05 Nov 2021 18:17

Tgt Ion: 75 Resp: 42084
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

