

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006486.D
 Acq On : 26 Oct 2021 17:11
 Operator : SY/MD
 Sample : M4325-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:26:53 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	41445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	57220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29267	57.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.780%
35) Dibromofluoromethane	7.722	113	20258	53.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.620%
50) Toluene-d8	10.185	98	84447	52.917	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.483	95	23609	43.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.840%

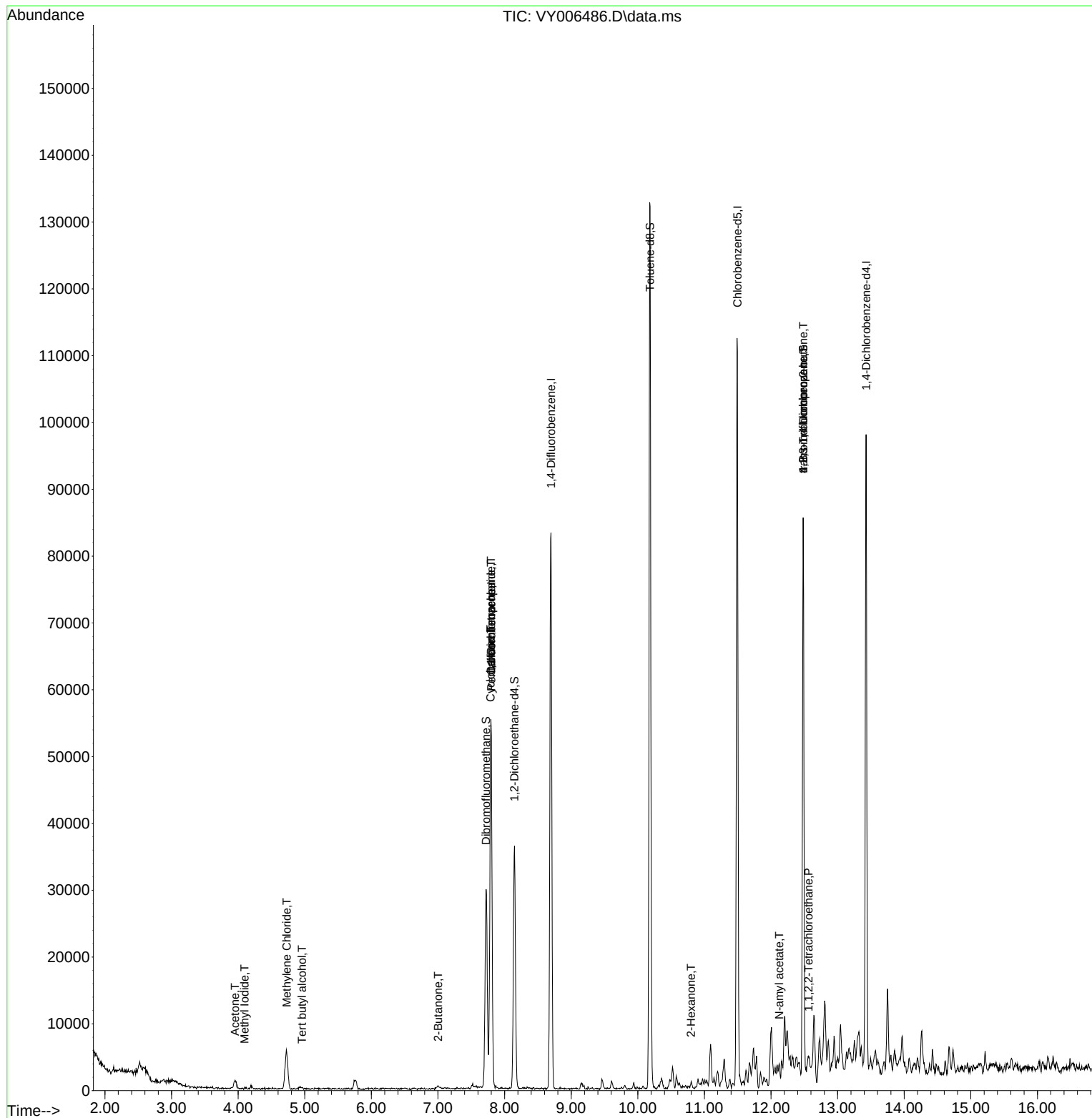
Target Compounds					Qvalue	
10) Methyl Iodide	4.095	142	183	5.463	ug/l #	48
11) Tert butyl alcohol	4.960	59	91	1.964	ug/l #	72
16) Acetone	3.954	43	2435	16.581	ug/l	91
20) Methylene Chloride	4.729	84	3886	4.890	ug/l #	88
25) 2-Butanone	7.003	43	225	1.169	ug/l #	52
31) Cyclohexane	7.789	56	1126	1.364	ug/l #	28
36) 1,1-Dichloropropene	7.795	75	3739	5.603	ug/l #	46
38) Carbon Tetrachloride	7.795	117	4123	5.600	ug/l #	16
59) 2-Hexanone	10.801	43	480	1.544	ug/l #	28
74) N-amyl acetate	12.124	43	717	1.383	ug/l #	47
75) 1,1,2,2-Tetrachloroethane	12.563	83	410	1.516	ug/l #	33
76) 1,2,3-Trichloropropane	12.483	75	13363	58.055	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13363	119.185	ug/l #	7

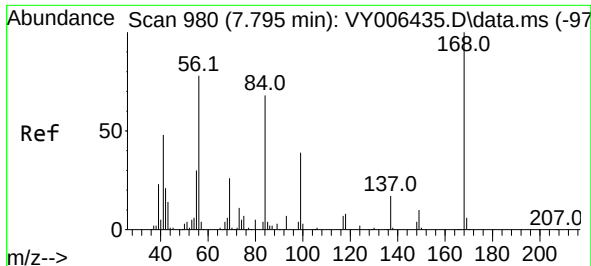
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
Data File : VY006486.D
Acq On : 26 Oct 2021 17:11
Operator : SY/MD
Sample : M4325-03
Misc : 5.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 27 05:26:53 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

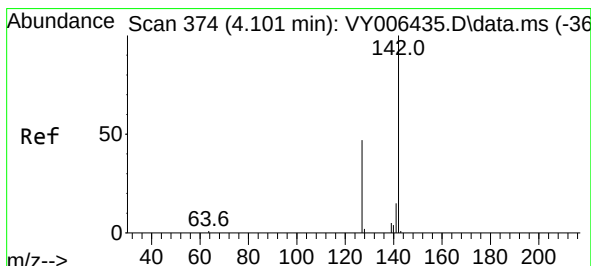
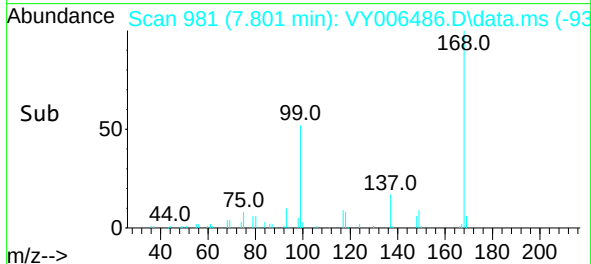
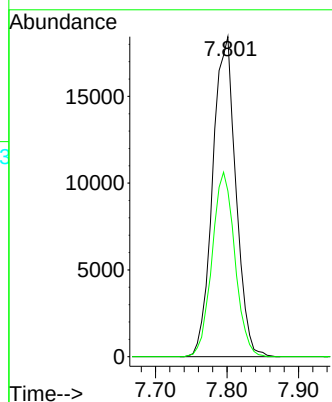
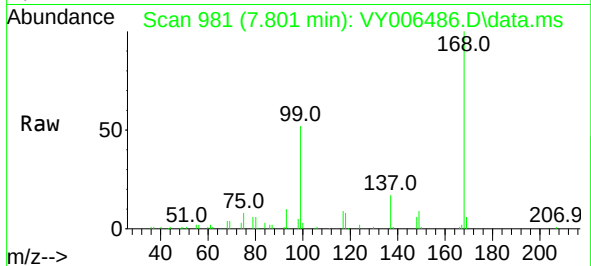




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

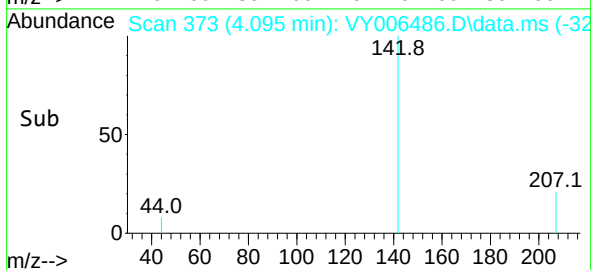
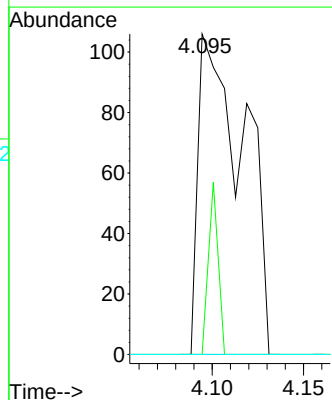
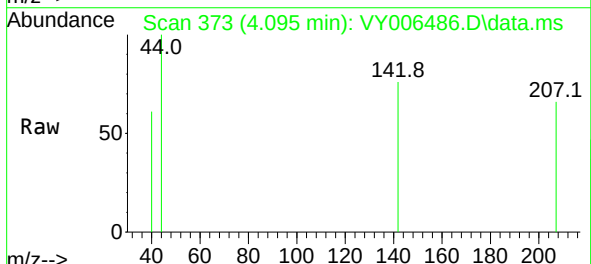
Instrument :
MSVOA_Y
ClientSampleId :

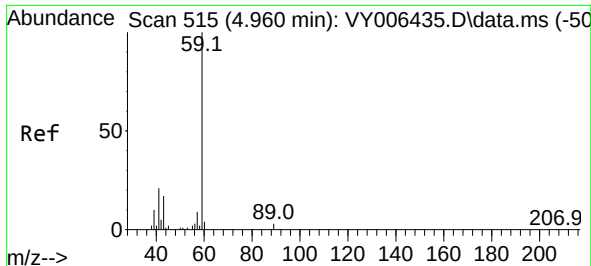
Tgt Ion:168 Resp: 41445
Ion Ratio Lower Upper
168 100
99 51.8 44.8 67.2



#10
Methyl Iodide
Concen: 5.463 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
127 11.5 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 1.964 ug/l

RT: 4.960 min Scan# 515

Delta R.T. 0.000 min

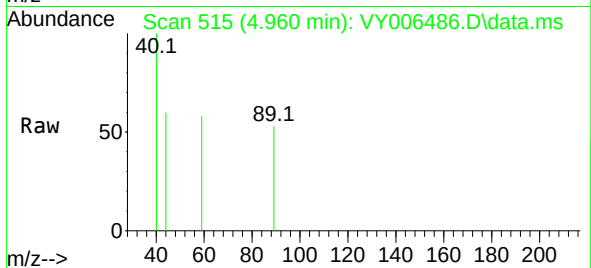
Lab File: VY006486.D

Acq: 26 Oct 2021 17:11

Instrument :

MSVOA_Y

ClientSampleId :

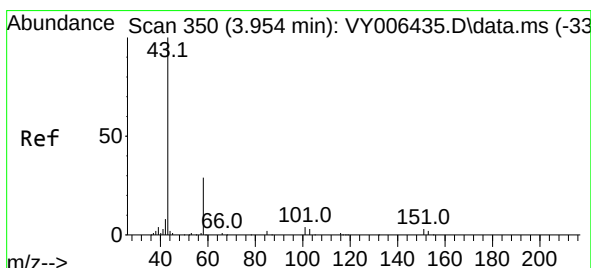
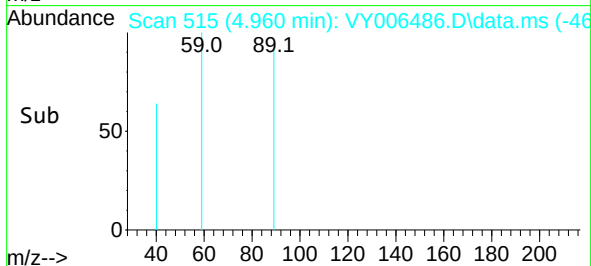
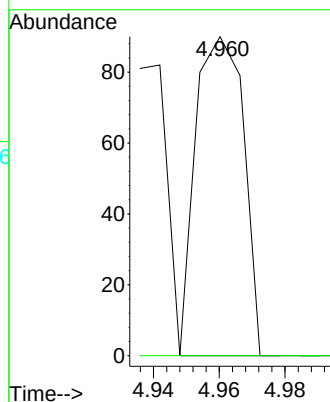


Tgt Ion: 59 Resp: 91

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 16.581 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006486.D

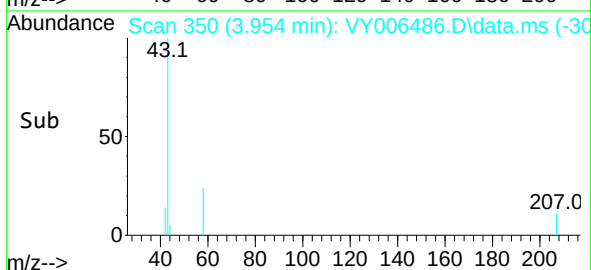
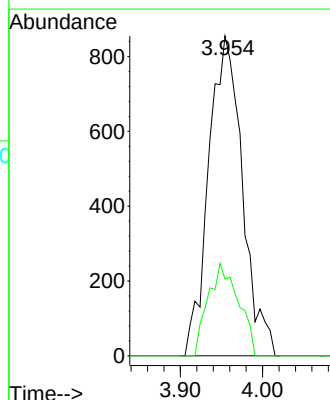
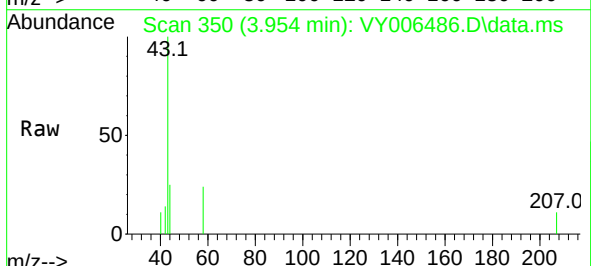
Acq: 26 Oct 2021 17:11

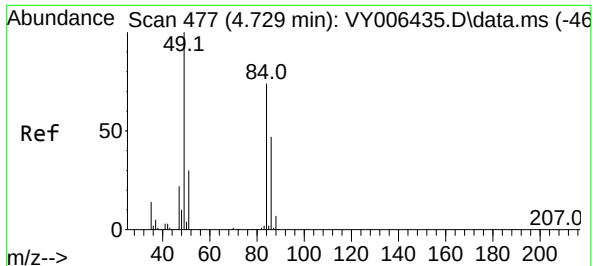
Tgt Ion: 43 Resp: 2435

Ion Ratio Lower Upper

43 100

58 24.0 22.9 34.3





#20

Methylene Chloride

Concen: 4.890 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.000 min

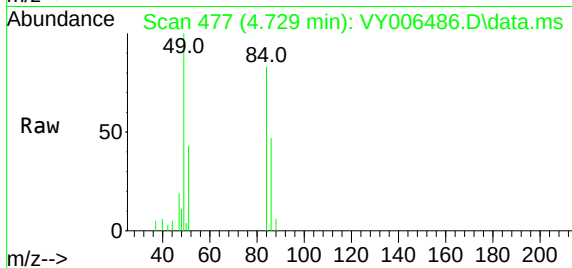
Lab File: VY006486.D

Acq: 26 Oct 2021 17:11

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 3886

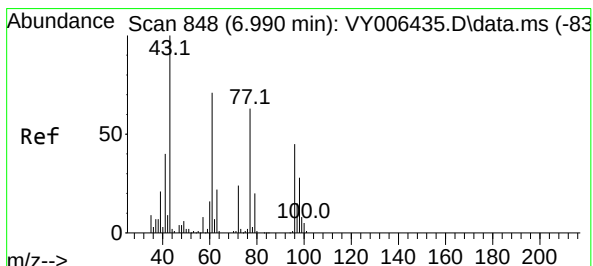
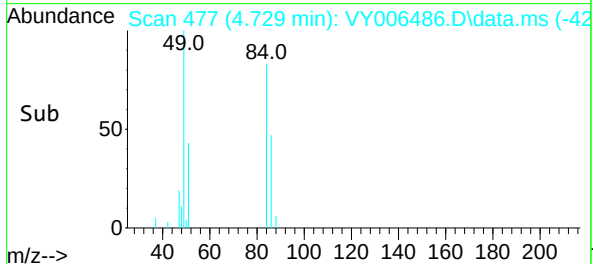
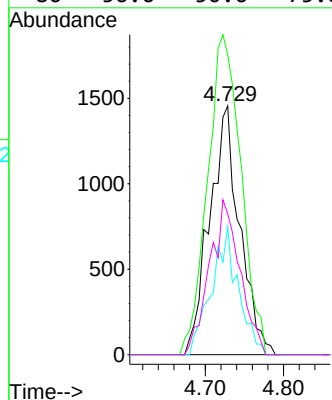
Ion Ratio Lower Upper

84 100

49 120.5 107.8 161.8

51 51.4 32.8 49.2#

86 56.6 50.6 75.8



#25

2-Butanone

Concen: 1.169 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY006486.D

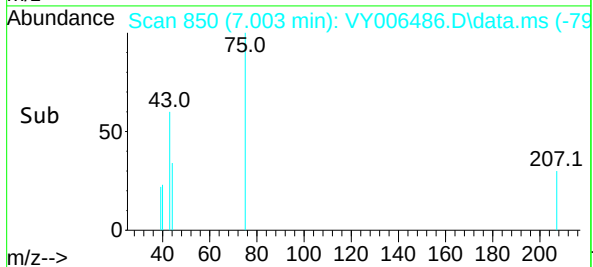
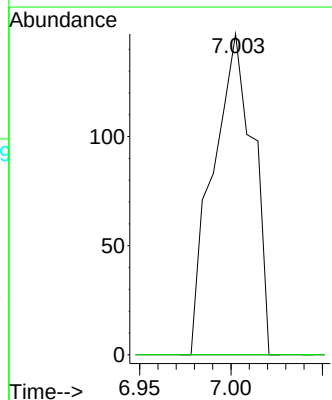
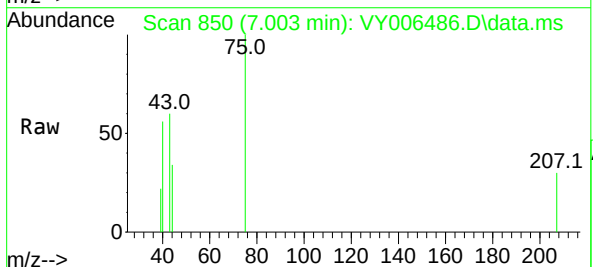
Acq: 26 Oct 2021 17:11

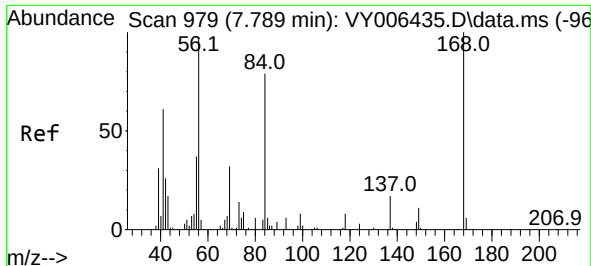
Tgt Ion: 43 Resp: 225

Ion Ratio Lower Upper

43 100

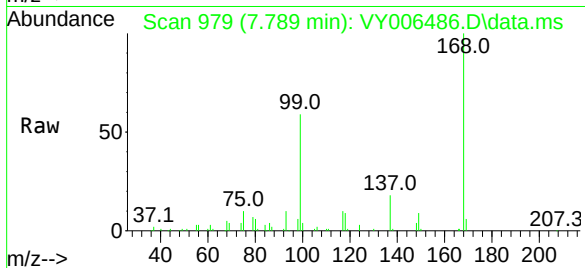
72 0.0 18.9 28.3#



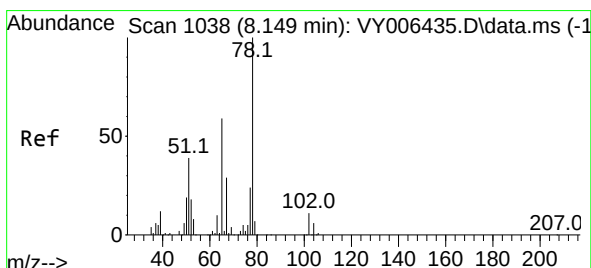
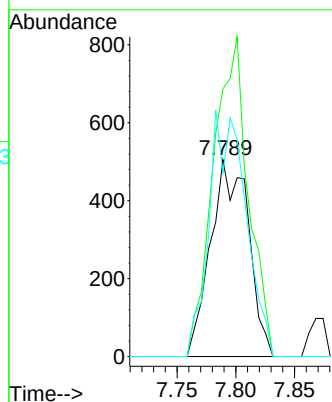
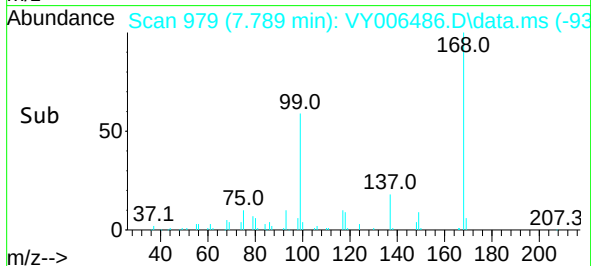


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :

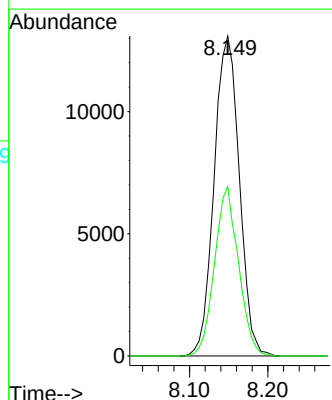
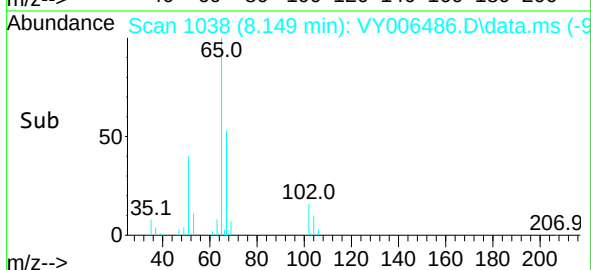
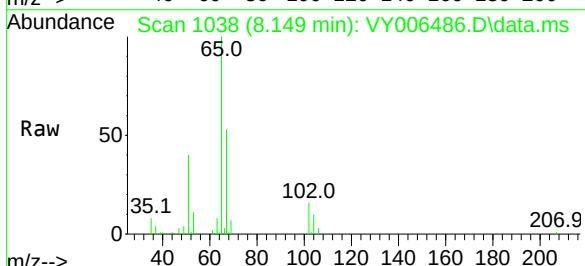


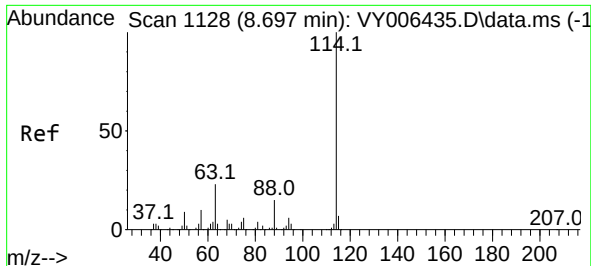
Tgt Ion: 56 Resp: 1126
Ion Ratio Lower Upper
56 100
69 136.0 26.6 40.0#
84 105.7 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 57.385 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

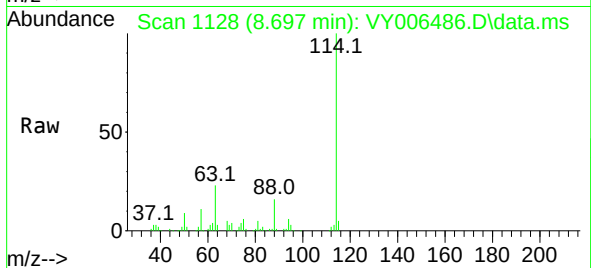
Tgt Ion: 65 Resp: 29267
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.2



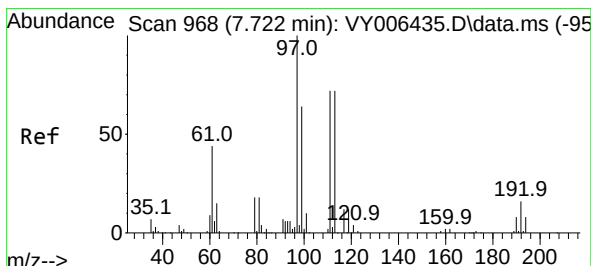
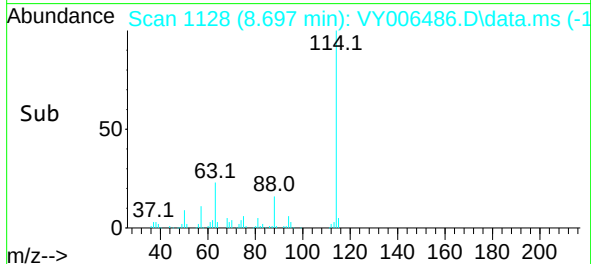
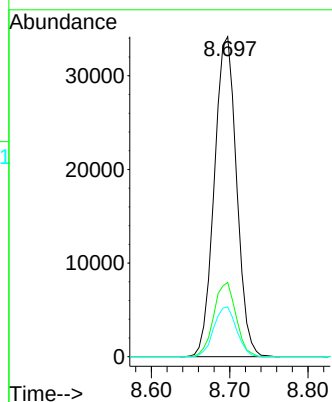


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :

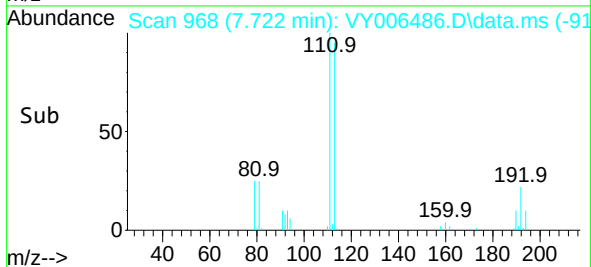
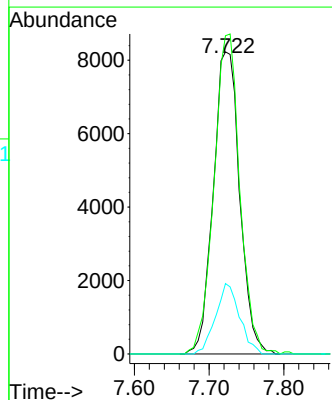
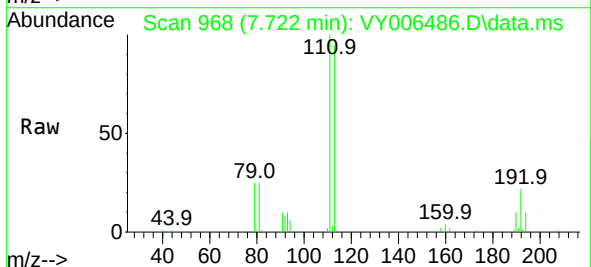


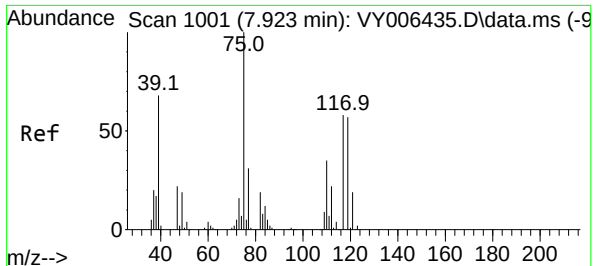
Tgt Ion:114 Resp: 67541
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.813 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion:113 Resp: 20258
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 21.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.603 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

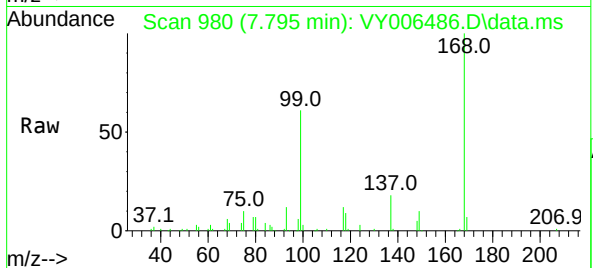
Lab File: VY006486.D

Acq: 26 Oct 2021 17:11

Instrument :

MSVOA_Y

ClientSampleId :



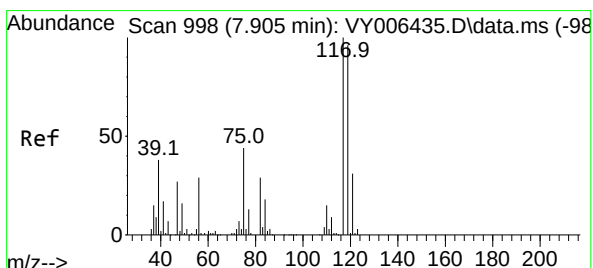
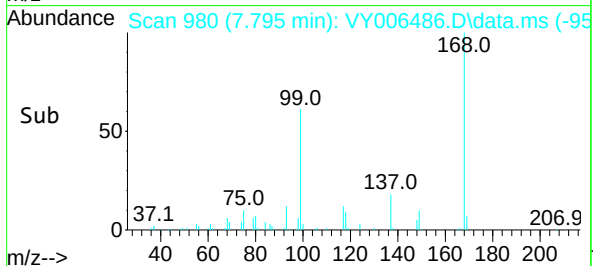
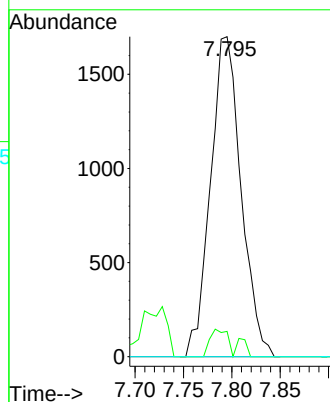
Tgt Ion: 75 Resp: 3739

Ion Ratio Lower Upper

75 100

110 4.9 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.600 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006486.D

Acq: 26 Oct 2021 17:11

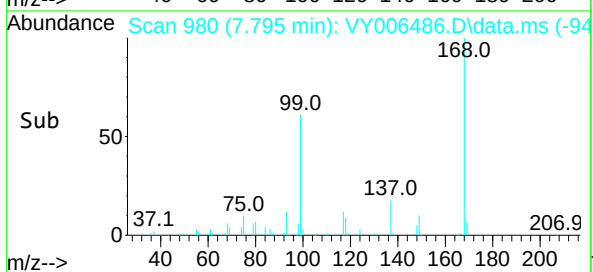
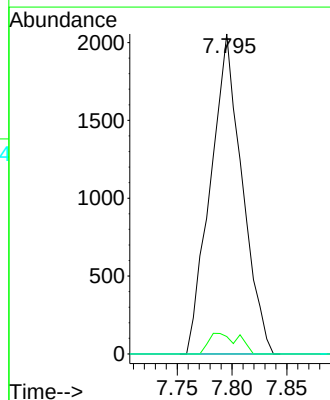
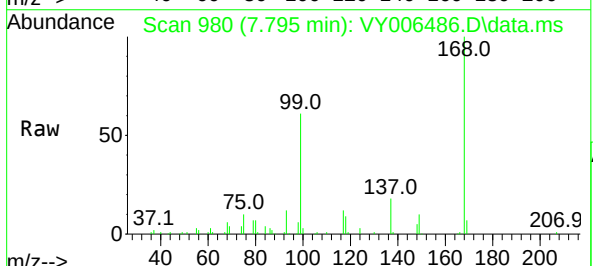
Tgt Ion: 117 Resp: 4123

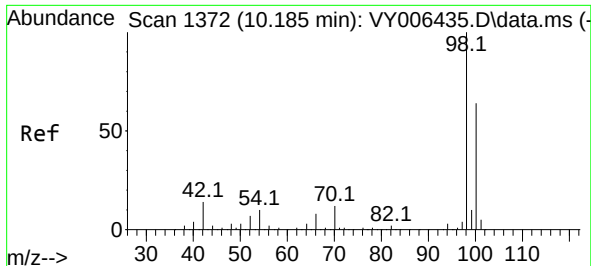
Ion Ratio Lower Upper

117 100

119 5.5 76.6 115.0#

121 0.0 24.7 37.1#

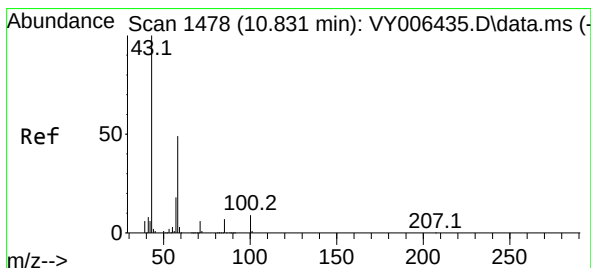
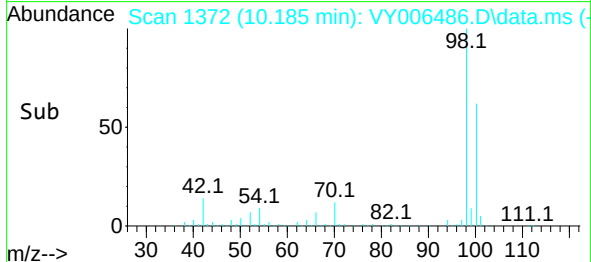
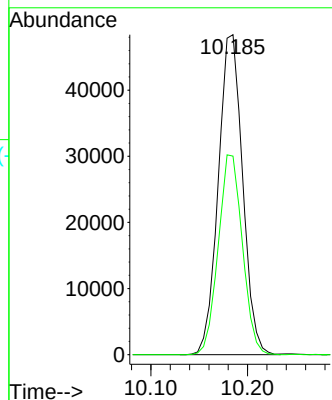
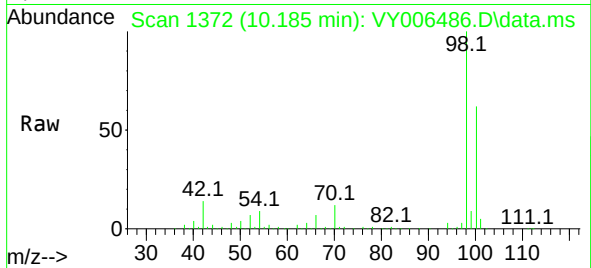




#50
Toluene-d8
Concen: 52.917 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

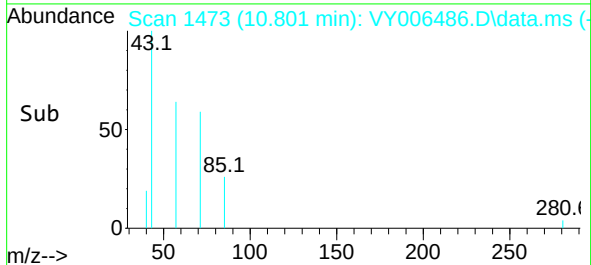
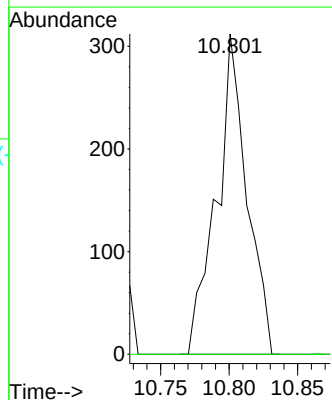
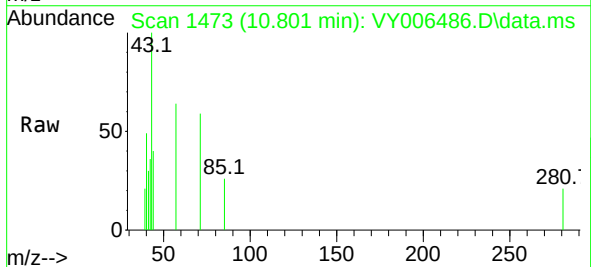
Instrument :
MSVOA_Y
ClientSampleId :

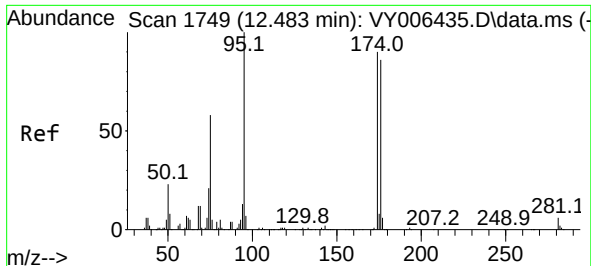
Tgt Ion: 98 Resp: 84447
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#59
2-Hexanone
Concen: 1.544 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion: 43 Resp: 480
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

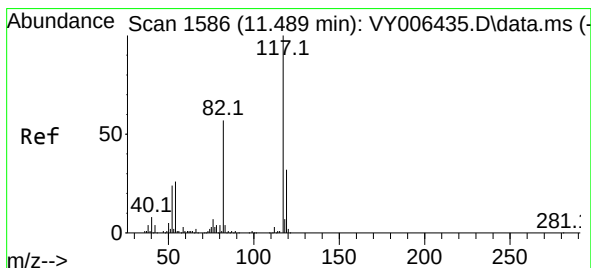
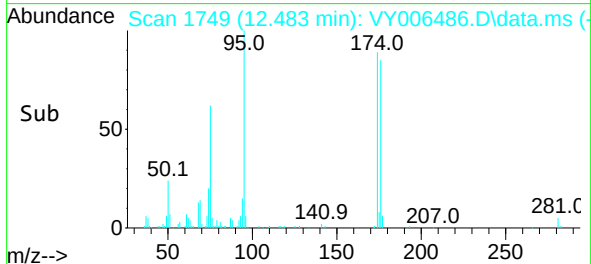
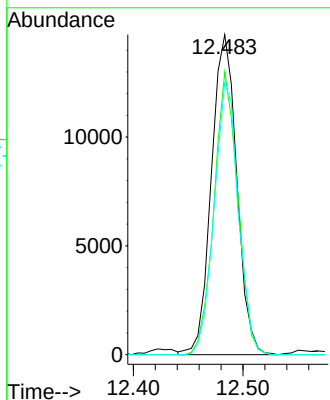
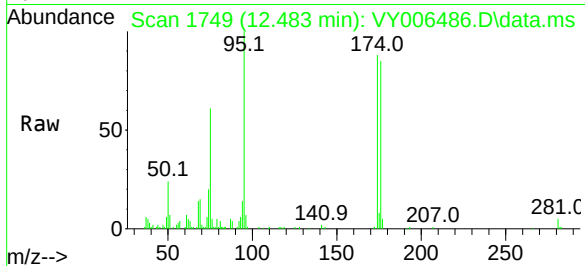




#62
4-Bromofluorobenzene
Concen: 43.918 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

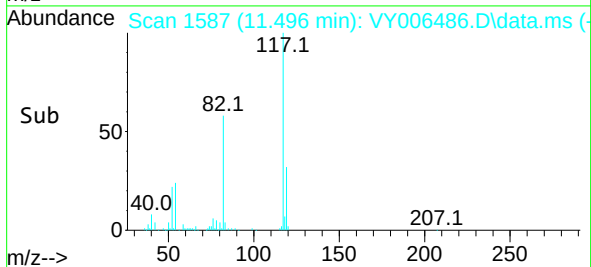
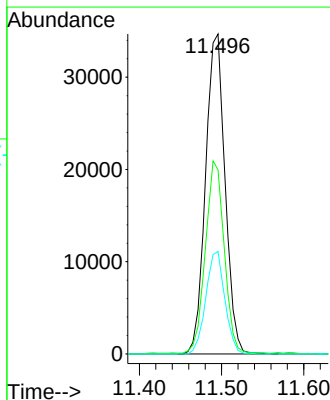
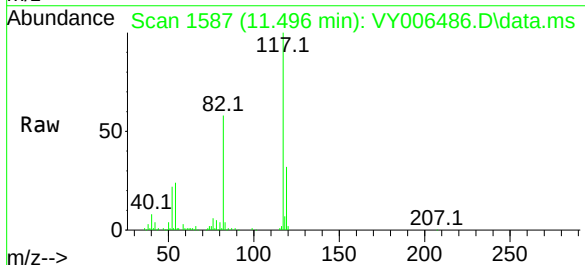
Instrument :
MSVOA_Y
ClientSampleId :

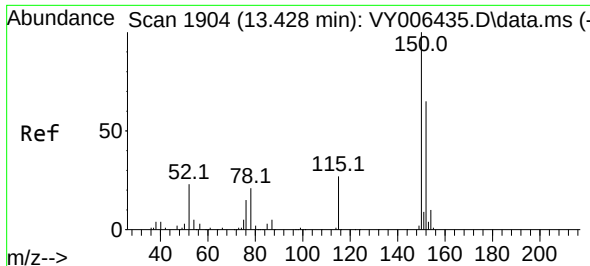
Tgt Ion: 95 Resp: 23609
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion: 117 Resp: 57220
Ion Ratio Lower Upper
117 100
82 57.3 45.7 68.5
119 32.1 25.5 38.3

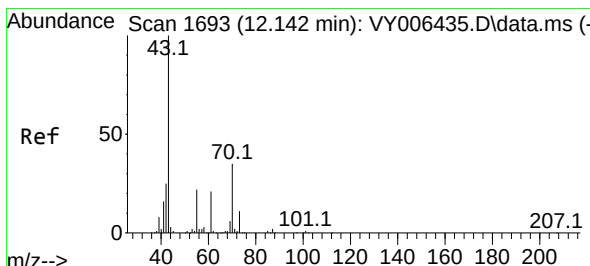
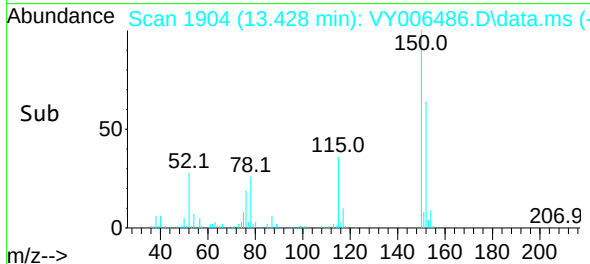
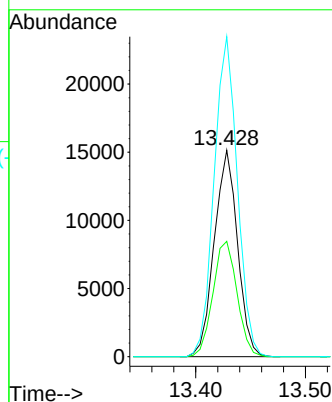
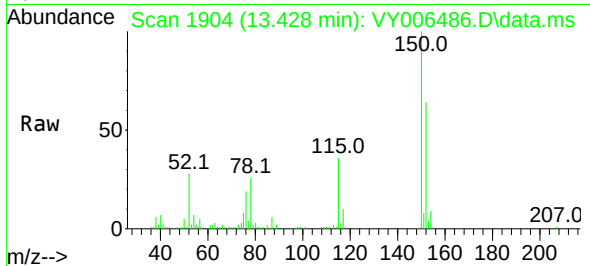




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

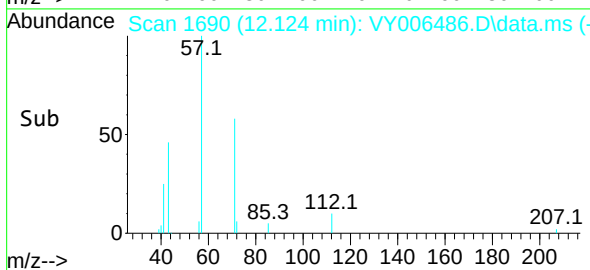
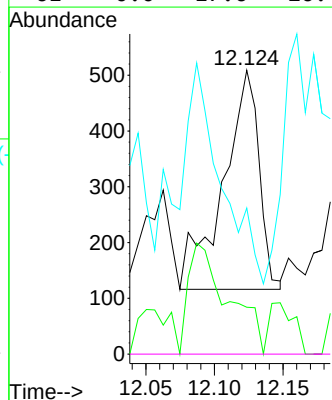
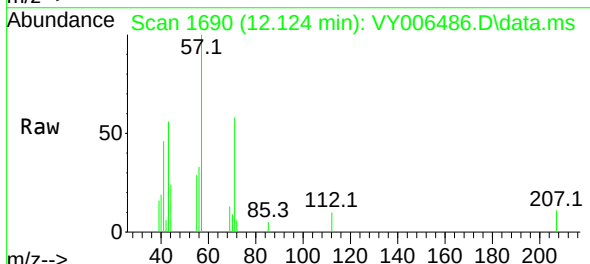
Instrument :
MSVOA_Y
ClientSampleId :

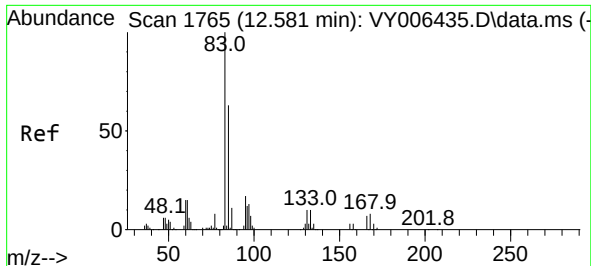
Tgt Ion:152 Resp: 22337
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.5
150 154.9 0.0 348.2



#74
N-ethyl acetate
Concen: 1.383 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

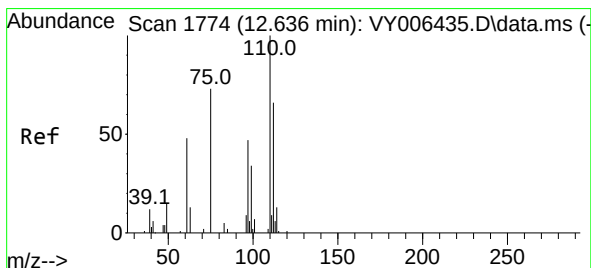
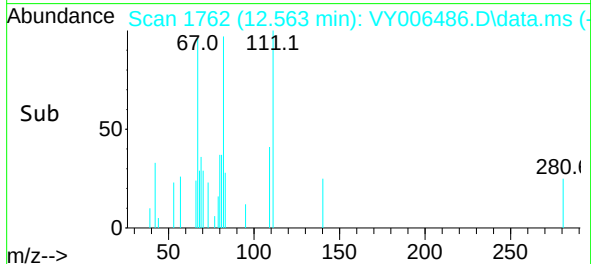
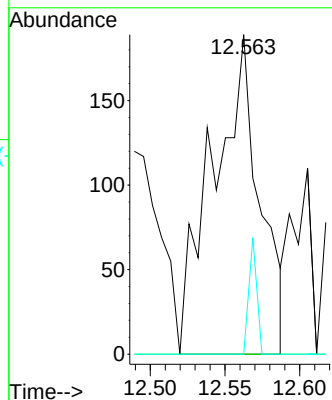
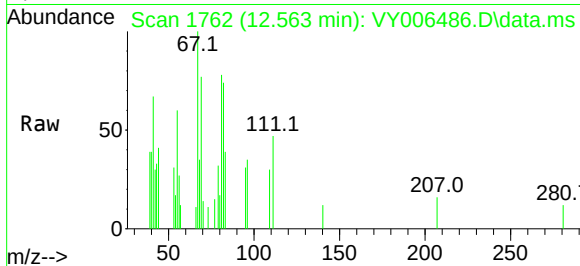




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.516 ug/l
 RT: 12.563 min Scan# 1762
 Delta R.T. -0.018 min
 Lab File: VY006486.D
 Acq: 26 Oct 2021 17:11

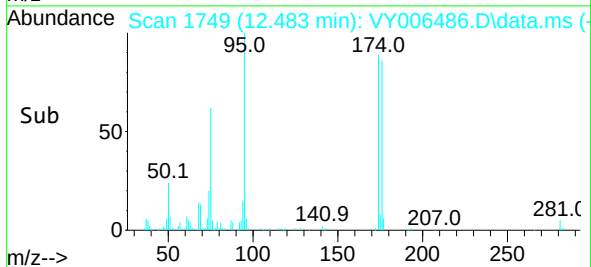
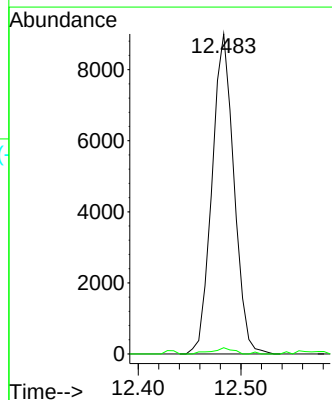
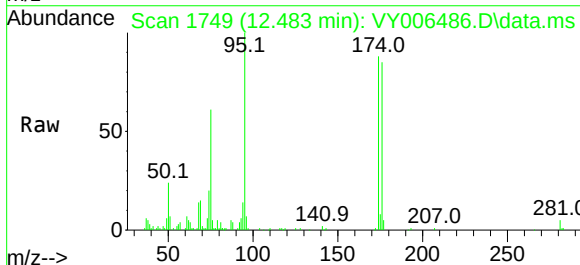
Instrument :
 MSVOA_Y
 ClientSampleId :

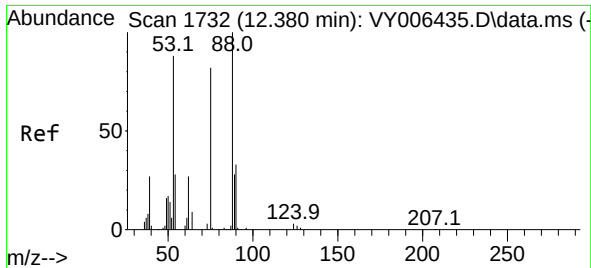
Tgt Ion: 83 Resp: 410
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.4#
 85 6.1 31.9 95.9#



#76
 1,2,3-Trichloropropane
 Concen: 58.055 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006486.D
 Acq: 26 Oct 2021 17:11

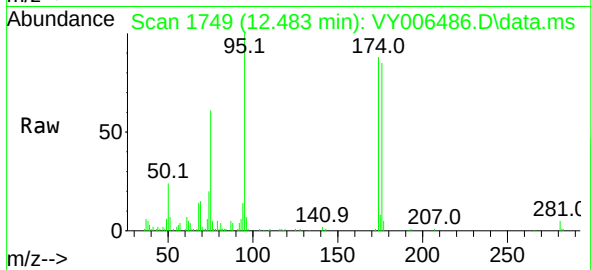
Tgt Ion: 75 Resp: 13363
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.185 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006486.D
 Acq: 26 Oct 2021 17:11

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	13363
Ion	Ratio	Lower	Upper
75	100		
53	1.1	85.8	128.6#
89	0.0	39.3	58.9#

