

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006484.D
 Acq On : 26 Oct 2021 16:24
 Operator : SY/MD
 Sample : M4332-01RE
 Misc : 5.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:26:37 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)

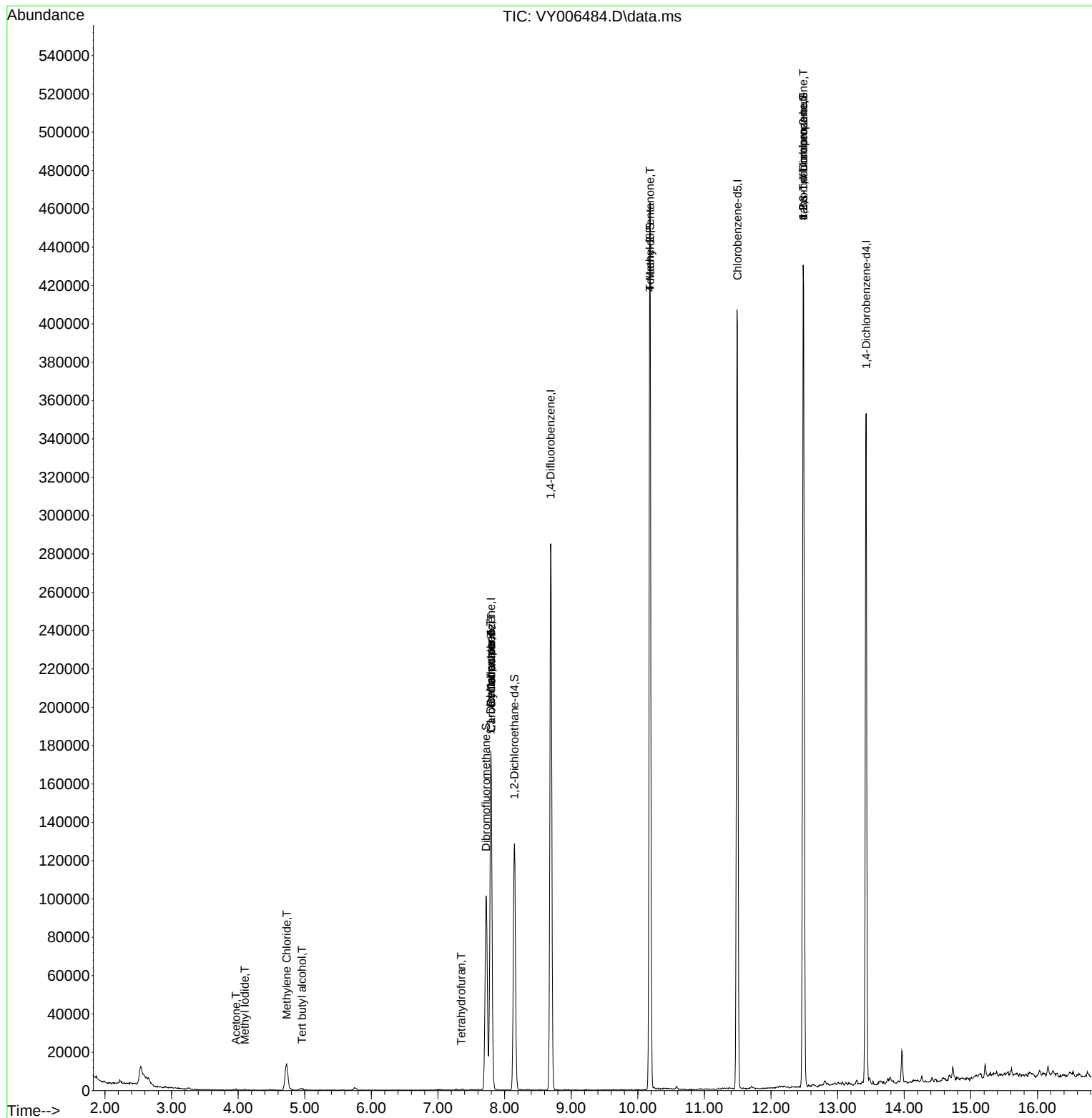
Internal Standards						
1) Pentafluorobenzene	7.795	168	130963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	106984	66.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.760%	
35) Dibromofluoromethane	7.721	113	68754	54.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.840%	
50) Toluene-d8	10.184	98	291206	54.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	89661	49.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	575	5.460	ug/l #	77
11) Tert butyl alcohol	4.960	59	877	5.990	ug/l #	72
16) Acetone	3.966	43	937	2.019	ug/l #	85
20) Methylene Chloride	4.728	84	9333	2.665	ug/l	96
29) Tetrahydrofuran	7.350	42	449	1.204	ug/l #	51
31) Cyclohexane	7.795	56	3405	1.305	ug/l #	35
36) 1,1-Dichloropropene	7.789	75	11027	4.924	ug/l #	51
38) Carbon Tetrachloride	7.801	117	13363	5.409	ug/l #	15
51) 4-Methyl-2-Pentanone	10.184	43	1828	1.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52413	61.995	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52413	127.274	ug/l #	7

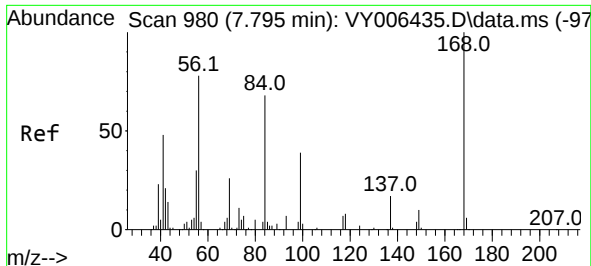
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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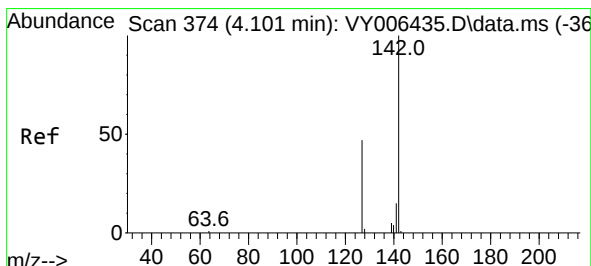
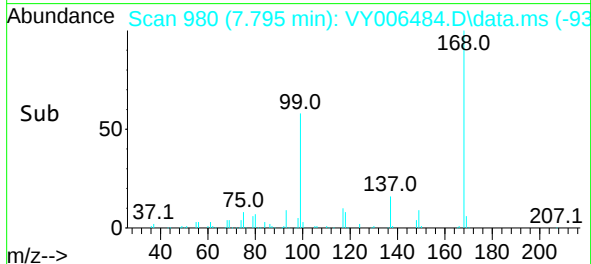
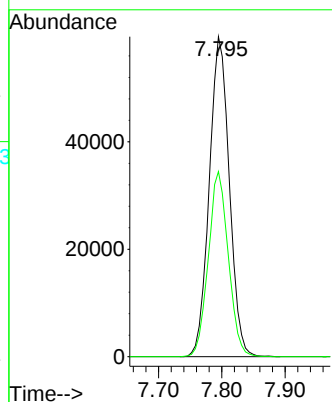
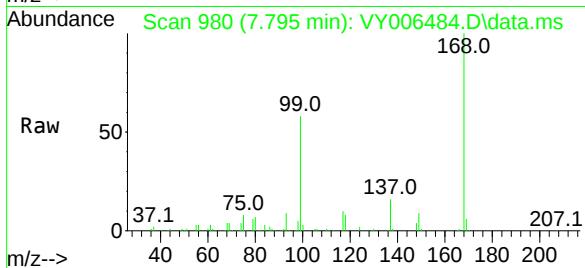




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

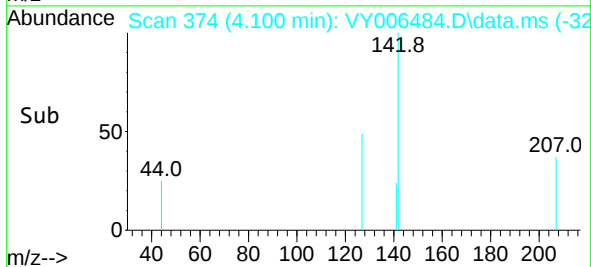
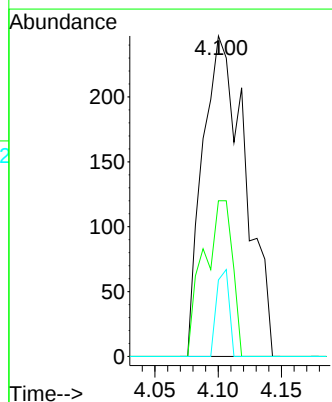
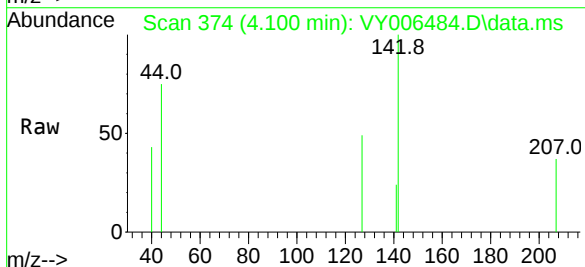
Instrument :
MSVOA_Y
ClientSampleId :

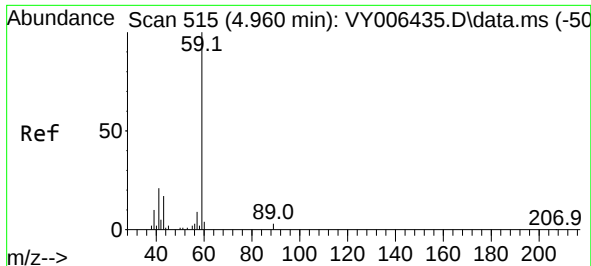
Tgt Ion:168 Resp: 130963
Ion Ratio Lower Upper
168 100
99 57.8 44.8 67.2



#10
Methyl Iodide
Concen: 5.460 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Tgt Ion:142 Resp: 575
Ion Ratio Lower Upper
142 100
127 33.0 40.1 60.1#
141 8.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 5.990 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.000 min

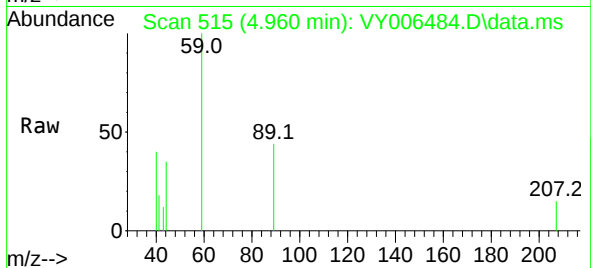
Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

Instrument :

MSVOA_Y

ClientSampleId :

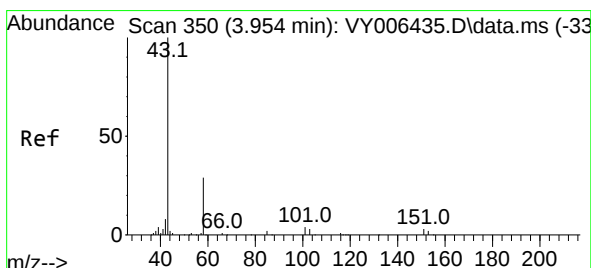
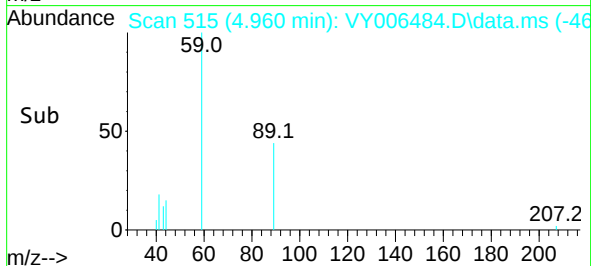
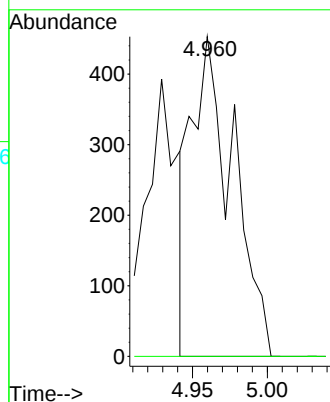


Tgt Ion: 59 Resp: 877

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.019 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY006484.D

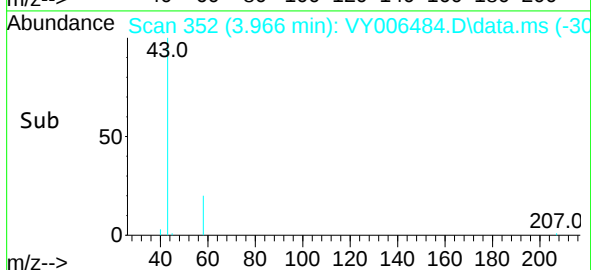
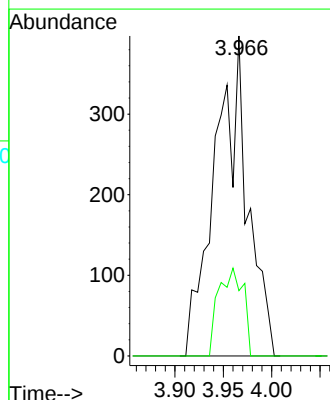
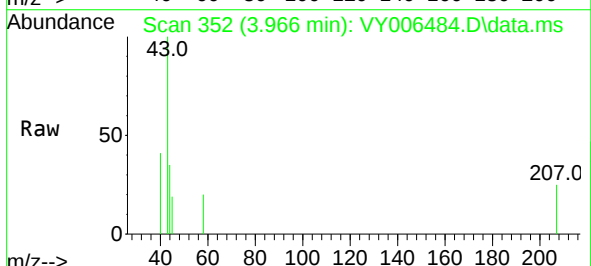
Acq: 26 Oct 2021 16:24

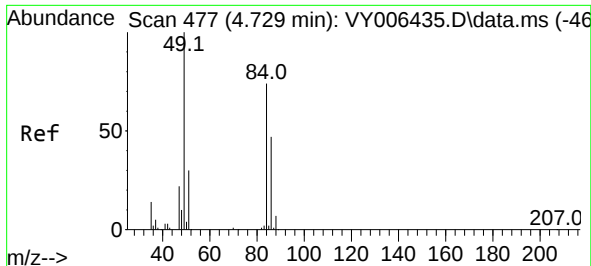
Tgt Ion: 43 Resp: 937

Ion Ratio Lower Upper

43 100

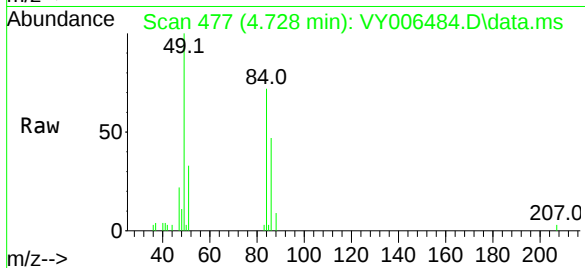
58 20.4 22.9 34.3#





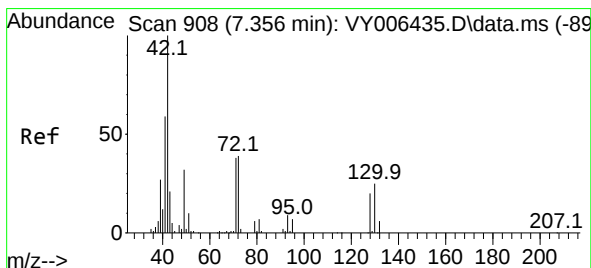
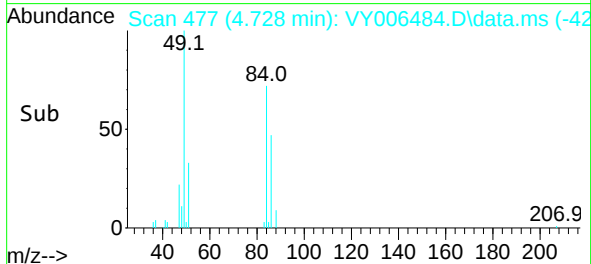
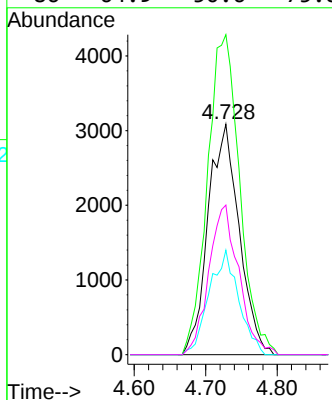
#20
Methylene Chloride
Concen: 2.665 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9333

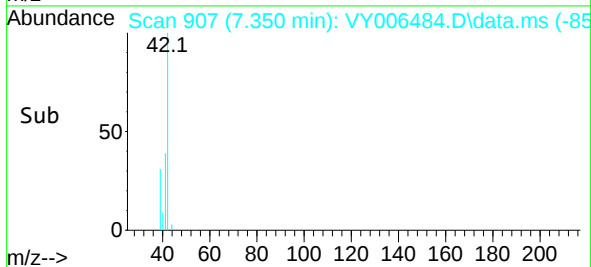
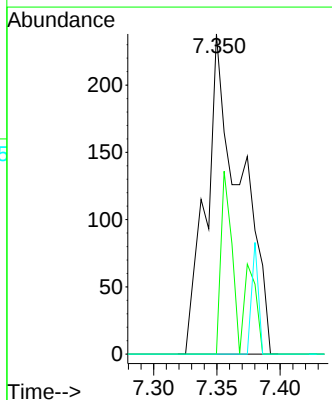
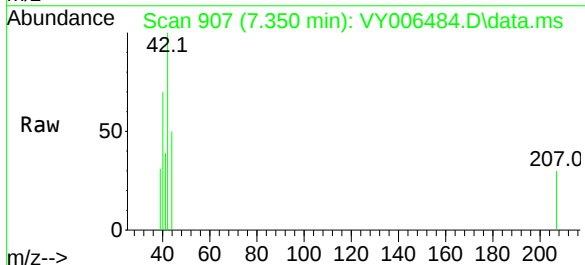
Ion	Ratio	Lower	Upper
84	100		
49	138.9	107.8	161.8
51	45.3	32.8	49.2
86	64.9	50.6	75.8

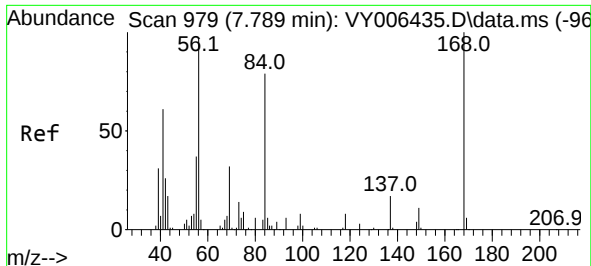


#29
Tetrahydrofuran
Concen: 1.204 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.006 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Tgt Ion: 42 Resp: 449

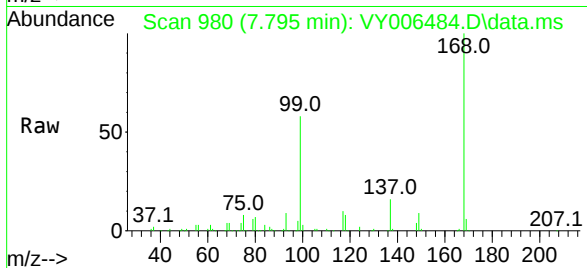
Ion	Ratio	Lower	Upper
42	100		
72	17.8	32.0	48.0#
71	0.0	30.3	45.5#



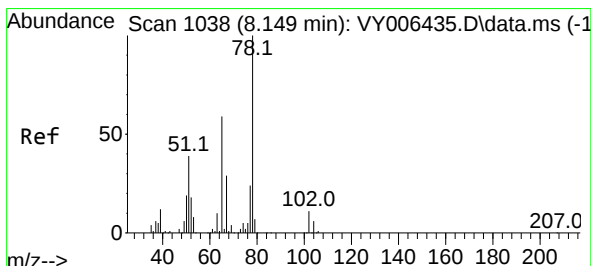
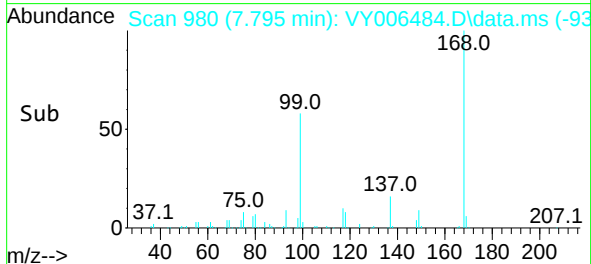
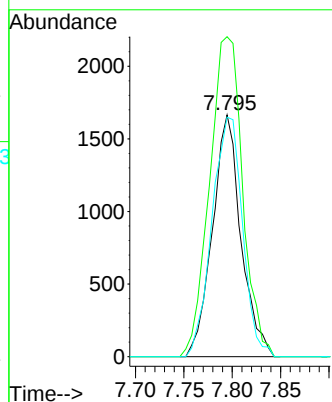


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Instrument :
MSVOA_Y
ClientSampleId :

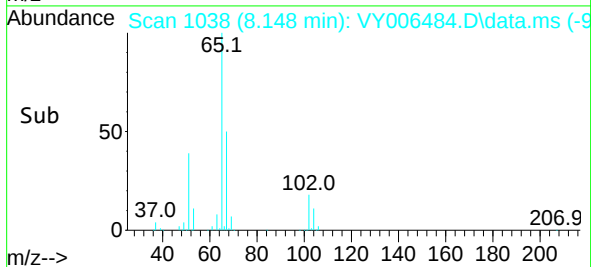
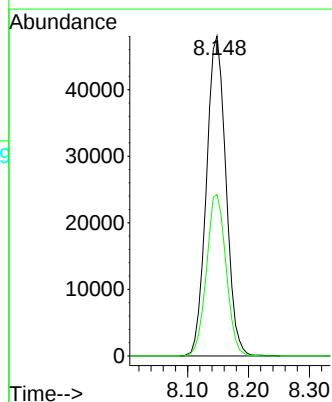
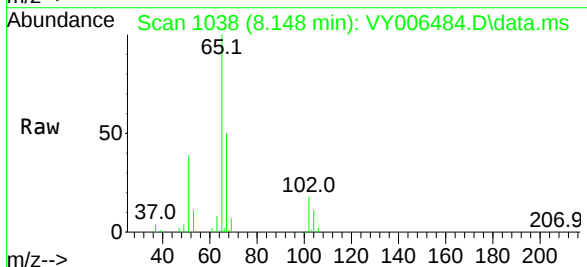


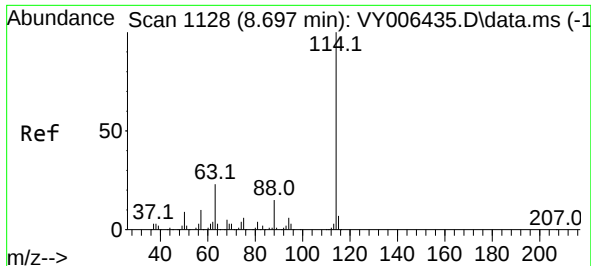
Tgt Ion	Ratio	Lower	Upper
56	100		
69	132.4	26.6	40.0#
84	99.1	65.0	97.4#



#33
1,2-Dichloroethane-d4
Concen: 66.384 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

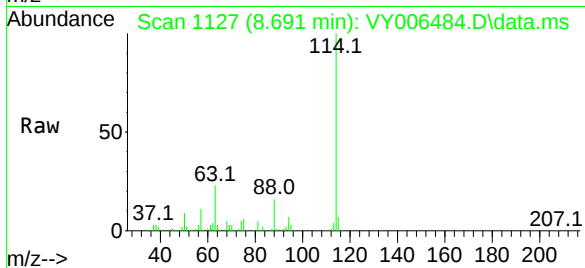
Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

Instrument :

MSVOA_Y

ClientSampleId :



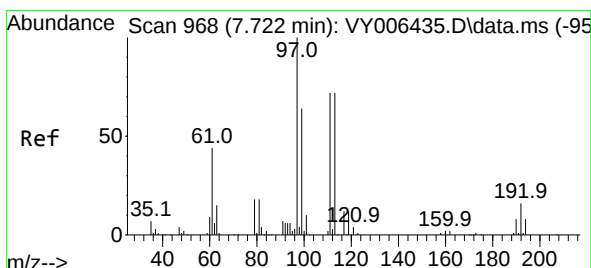
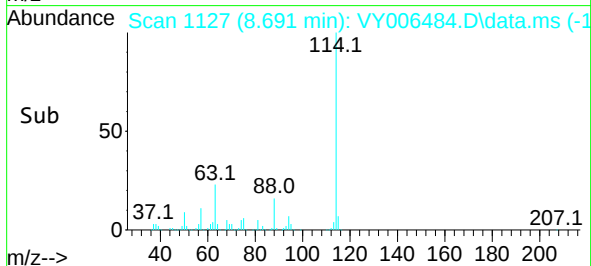
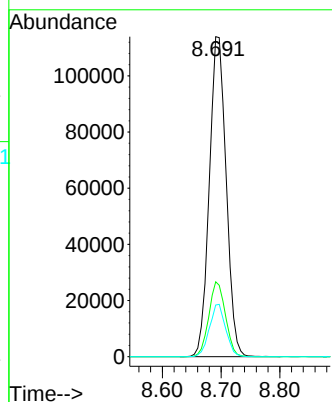
Tgt Ion:114 Resp: 226650

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.425 ug/l

RT: 7.721 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

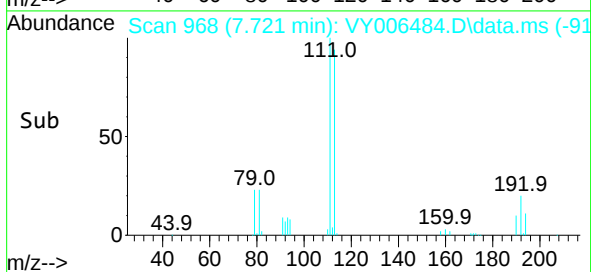
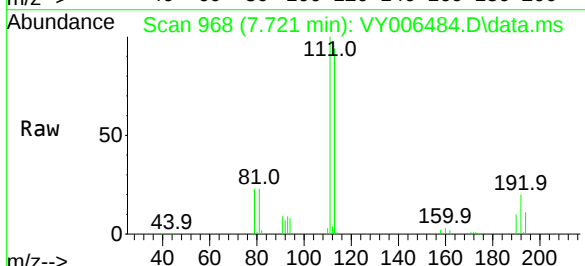
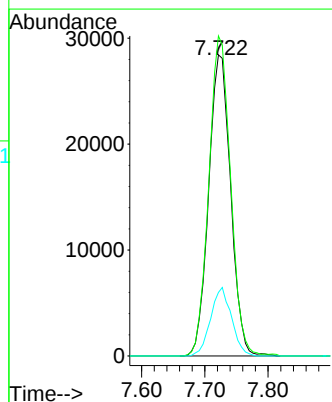
Tgt Ion:113 Resp: 68754

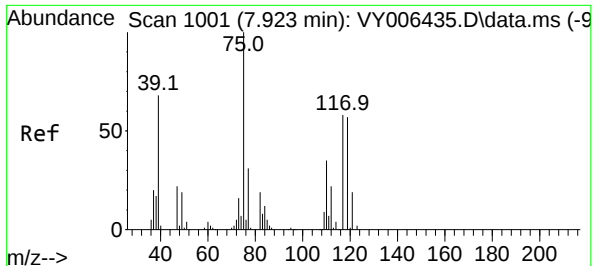
Ion Ratio Lower Upper

113 100

111 105.2 82.3 123.5

192 21.6 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

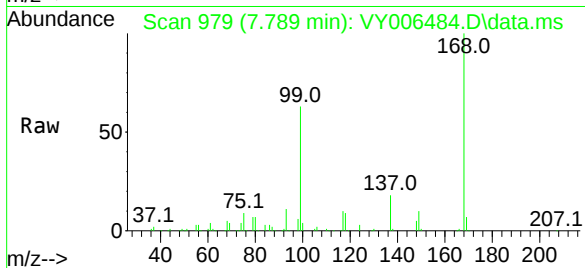
Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

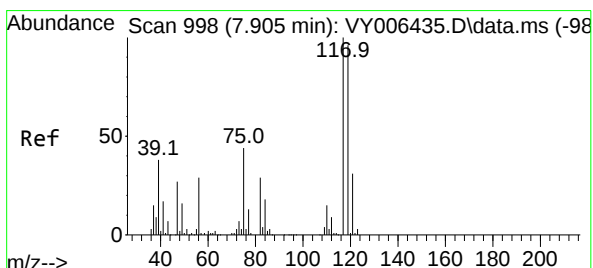
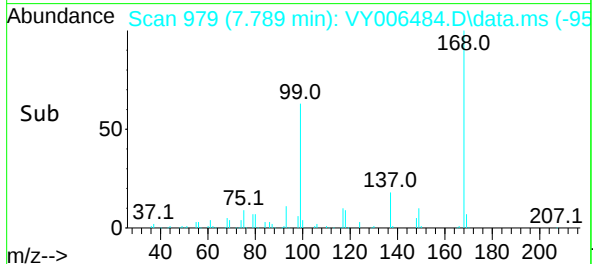
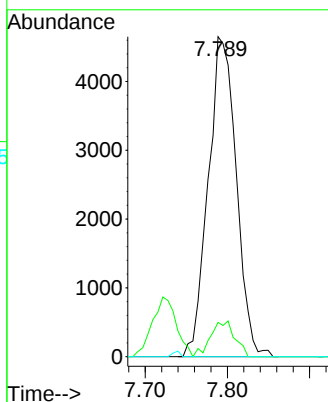
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	11027
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.409 ug/l

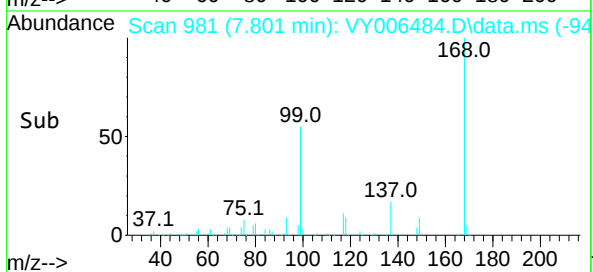
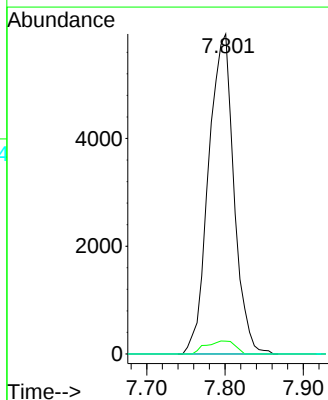
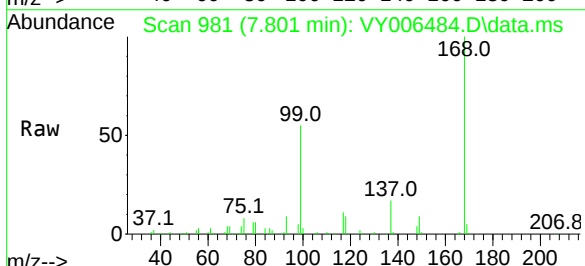
RT: 7.801 min Scan# 981

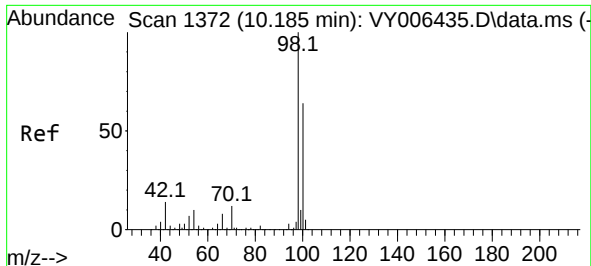
Delta R.T. -0.104 min

Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

Tgt Ion:	117	Resp:	13363
Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.6	115.0#
121	0.0	24.7	37.1#

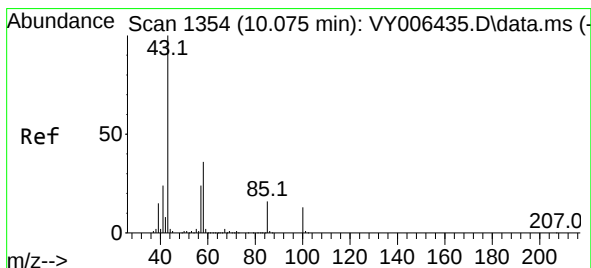
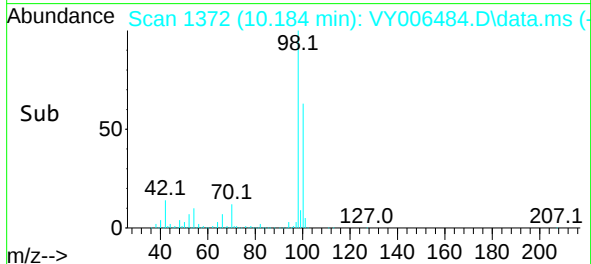
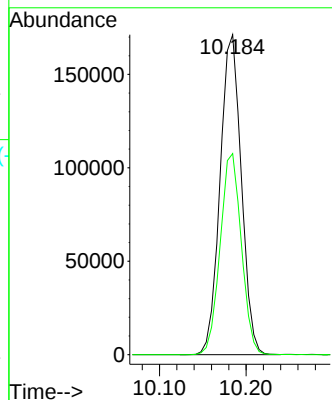
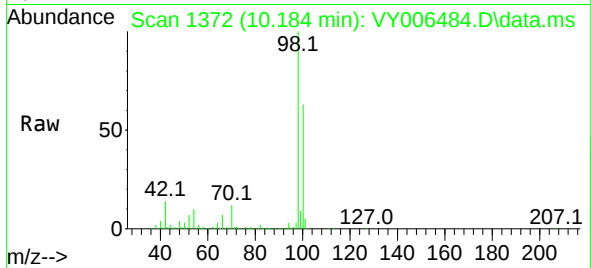




#50
Toluene-d8
Concen: 54.378 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

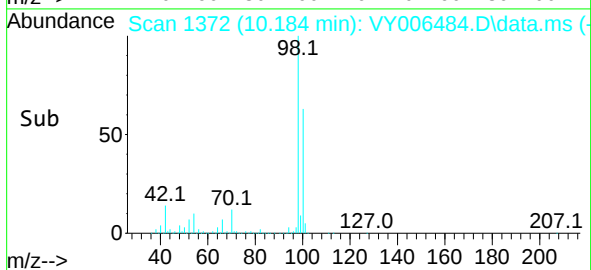
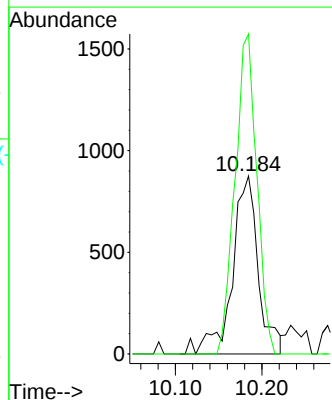
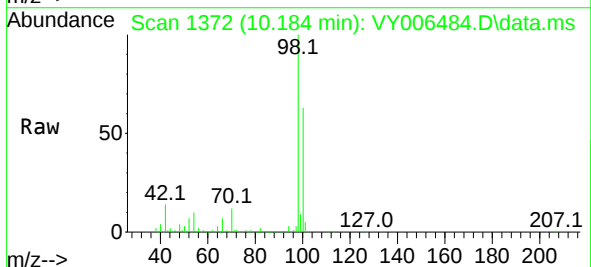
Instrument :
MSVOA_Y
ClientSampleId :

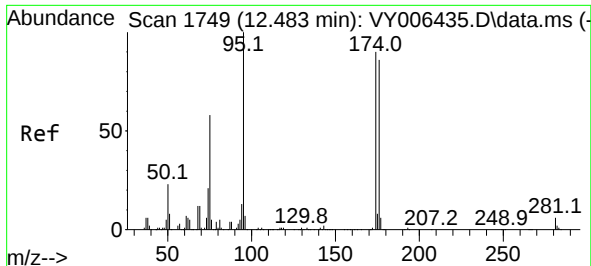
Tgt Ion: 98 Resp: 291206
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.268 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.109 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

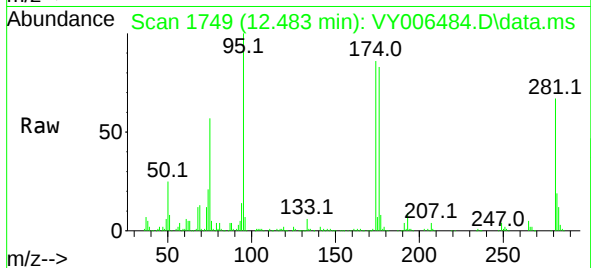
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 150.4 28.7 43.1#



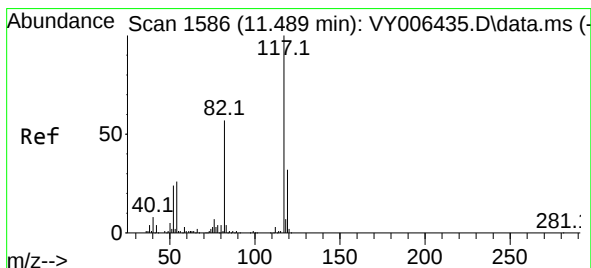
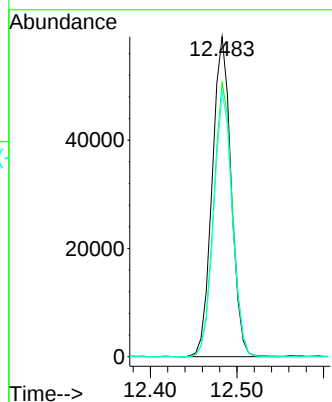
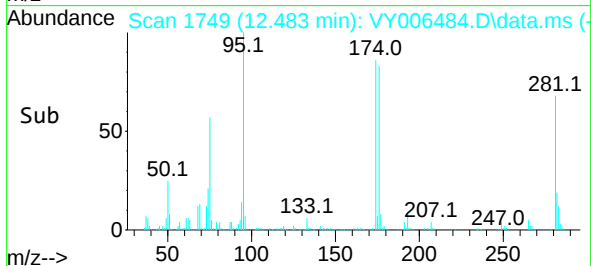


#62
4-Bromofluorobenzene
Concen: 49.702 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24

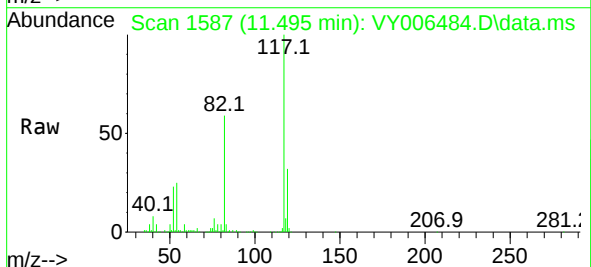
Instrument :
MSVOA_Y
ClientSampleId :



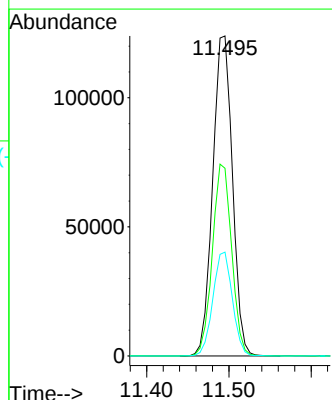
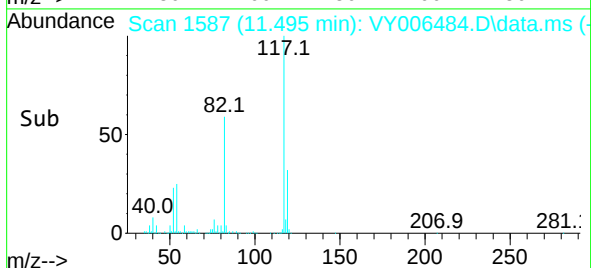
Tgt Ion: 95 Resp: 89661
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.2 0.0 169.4

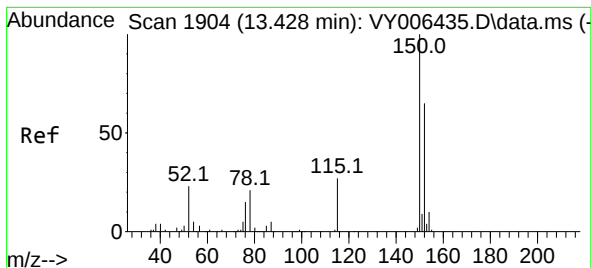


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006484.D
Acq: 26 Oct 2021 16:24



Tgt Ion: 117 Resp: 206582
Ion Ratio Lower Upper
117 100
82 58.6 45.7 68.5
119 32.5 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

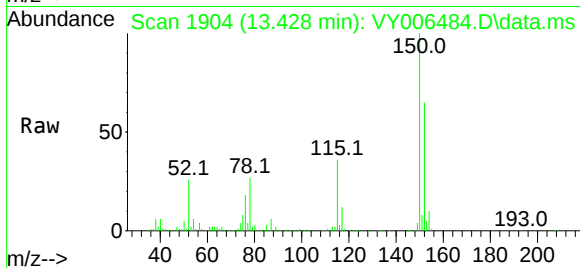
Lab File: VY006484.D

Acq: 26 Oct 2021 16:24

Instrument :

MSVOA_Y

ClientSampleId :



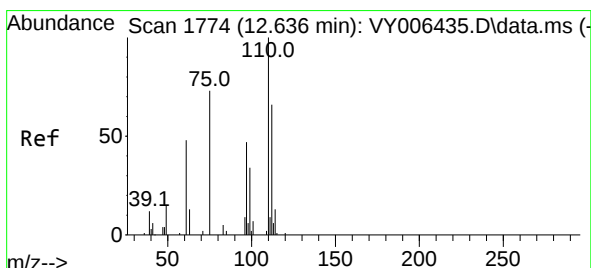
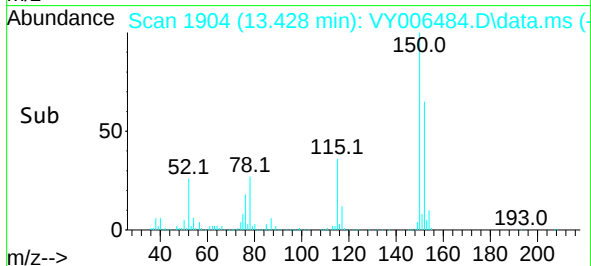
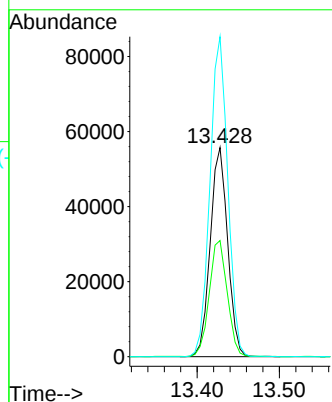
Tgt Ion:152 Resp: 82043

Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.5

150 156.1 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 61.995 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY006484.D

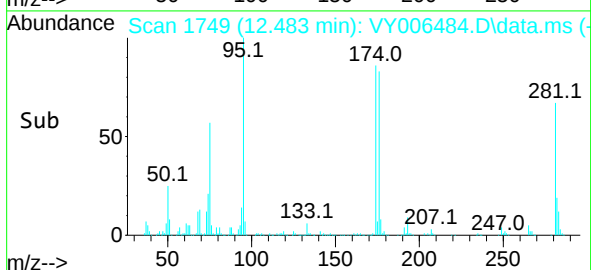
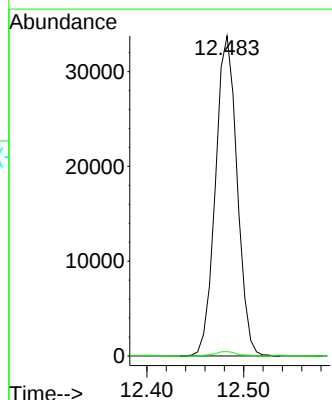
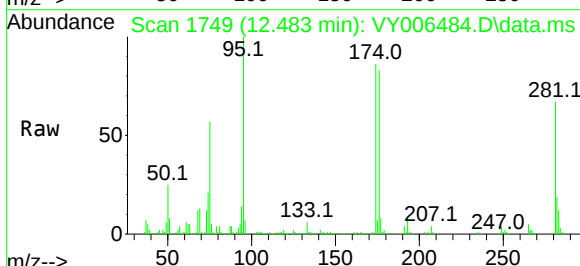
Acq: 26 Oct 2021 16:24

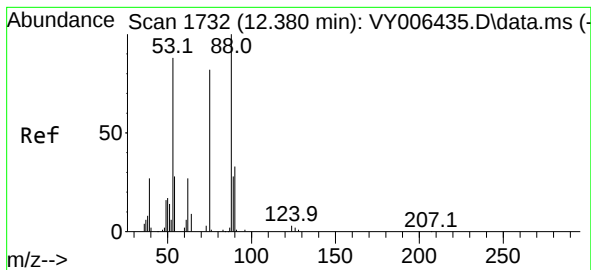
Tgt Ion: 75 Resp: 52413

Ion Ratio Lower Upper

75 100

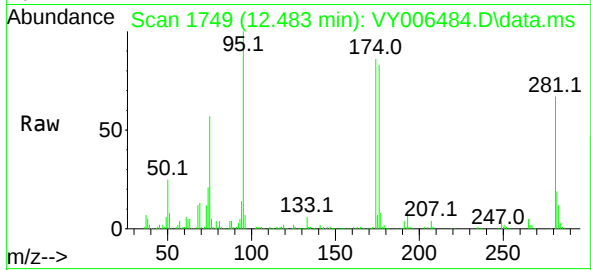
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.274 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006484.D
 Acq: 26 Oct 2021 16:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52413
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.8 128.6#
 89 0.7 39.3 58.9#

