

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006489.D
 Acq On : 26 Oct 2021 18:22
 Operator : SY/MD
 Sample : M4336-08
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:27:17 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)

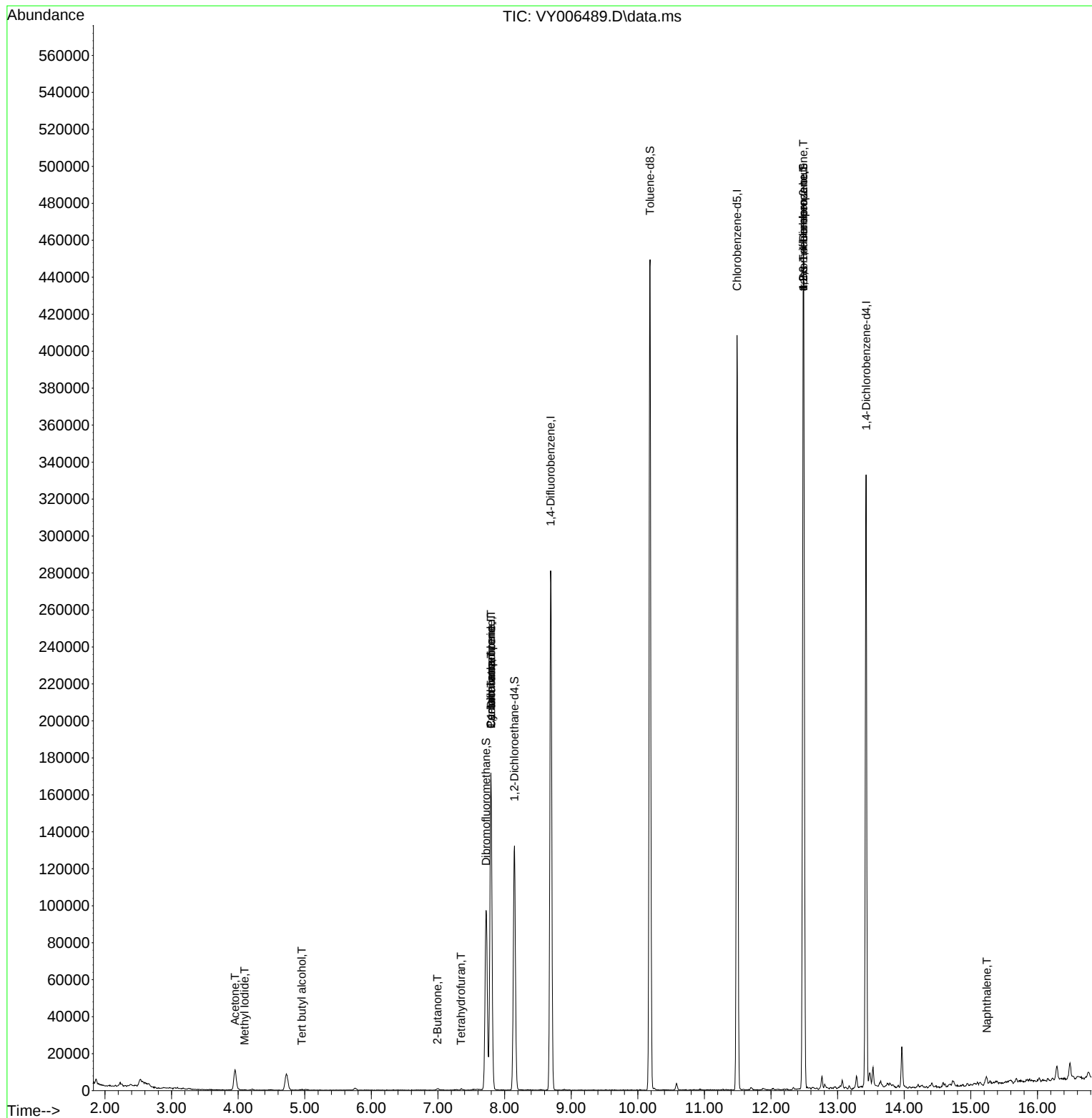
Internal Standards						
1) Pentafluorobenzene	7.795	168	126734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106411	68.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.460%	
35) Dibromofluoromethane	7.722	113	67084	54.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.185	98	285807	54.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.483	95	84774	47.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.880%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.095	142	173	5.184	ug/l #	36
11) Tert butyl alcohol	4.954	59	560	3.953	ug/l #	72
16) Acetone	3.954	43	19560	43.557	ug/l	94
25) 2-Butanone	6.990	43	1390	2.363	ug/l #	84
29) Tetrahydrofuran	7.344	42	446	1.236	ug/l #	51
31) Cyclohexane	7.795	56	3281	1.300	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10978	5.001	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13021	5.377	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	51878	66.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51878	135.539	ug/l #	7
95) Naphthalene	15.239	128	3083	1.078	ug/l	100

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

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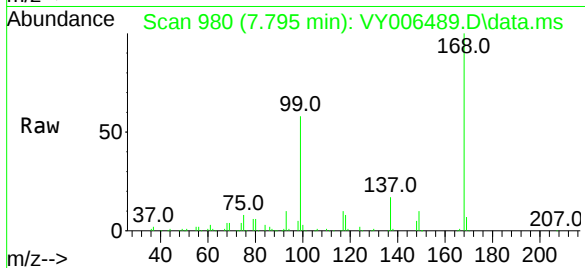
Quant Time: Oct 27 05:27:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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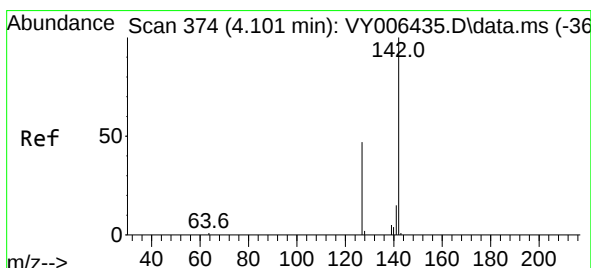
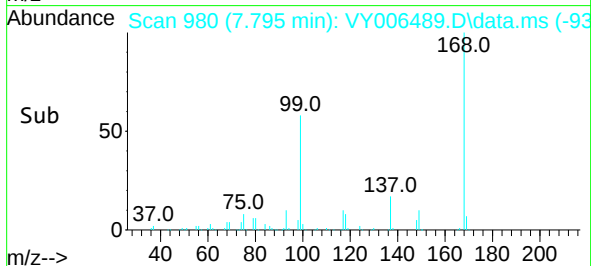
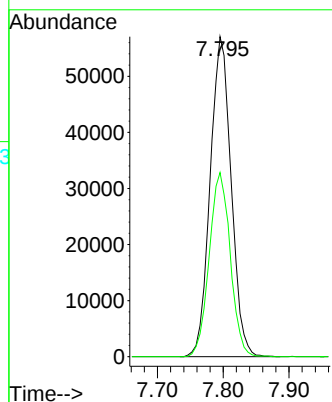


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Instrument :
MSVOA_Y
ClientSampleId :

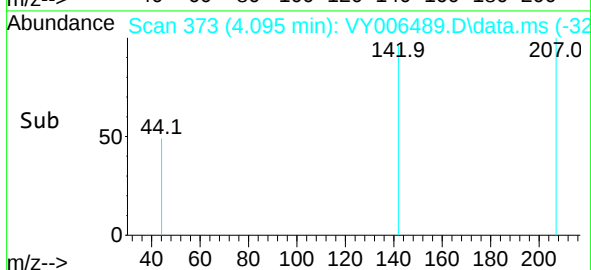
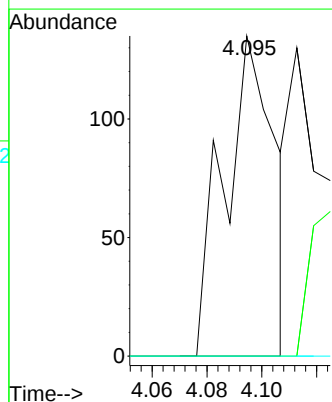
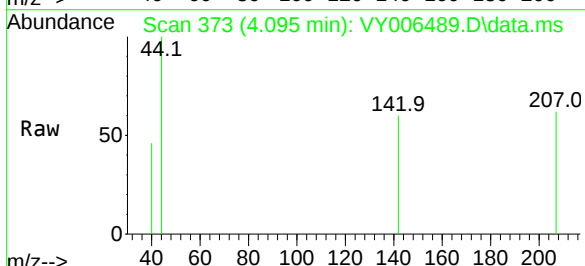


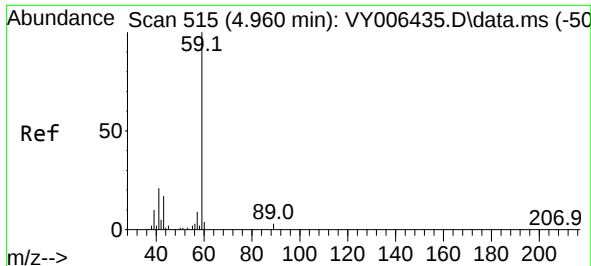
Tgt Ion:168 Resp: 126734
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2



#10
Methyl Iodide
Concen: 5.184 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion:142 Resp: 173
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: 3.953 ug/l

RT: 4.954 min Scan# 51

Delta R.T. -0.006 min

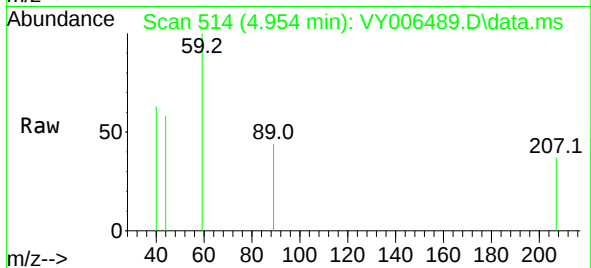
Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :

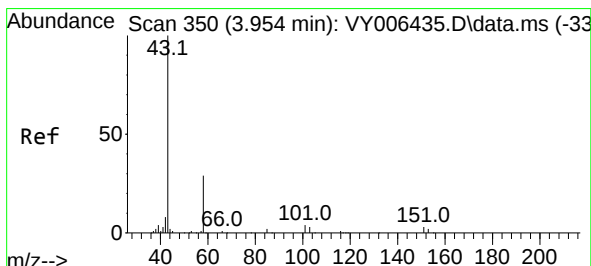
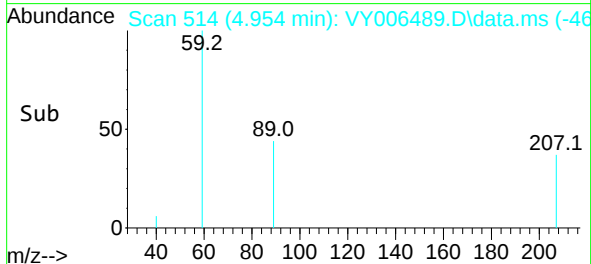
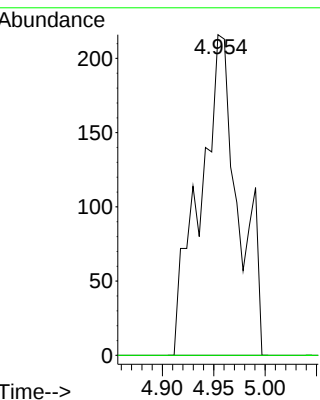


Tgt Ion: 59 Resp: 560

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 43.557 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006489.D

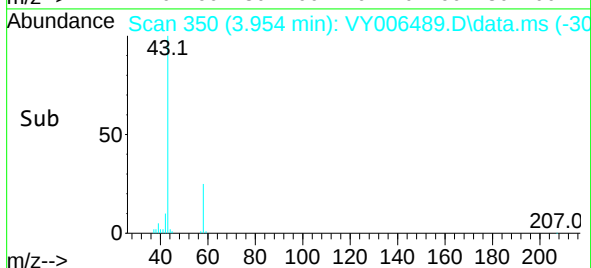
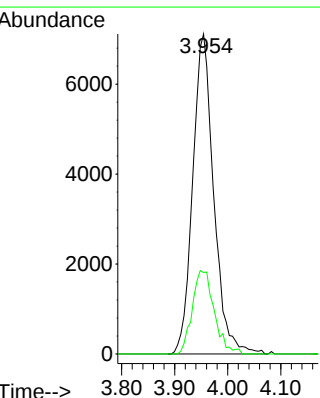
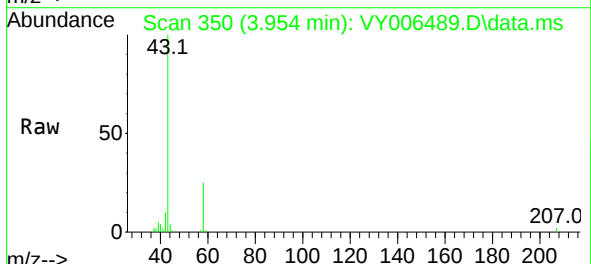
Acq: 26 Oct 2021 18:22

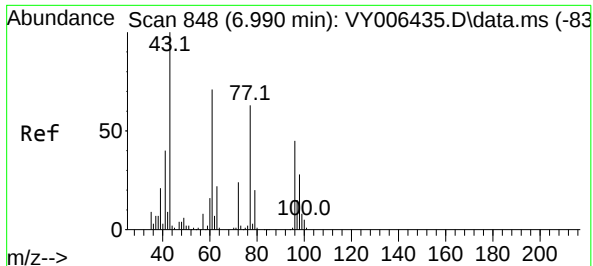
Tgt Ion: 43 Resp: 19560

Ion Ratio Lower Upper

43 100

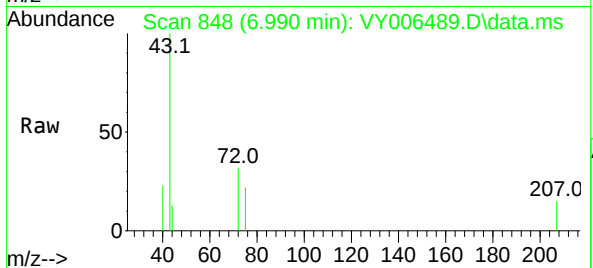
58 25.5 22.9 34.3



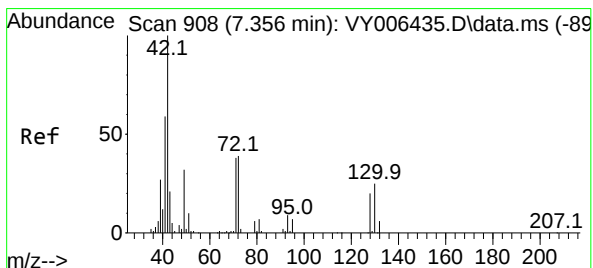
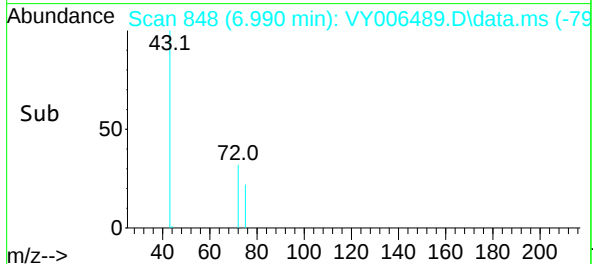
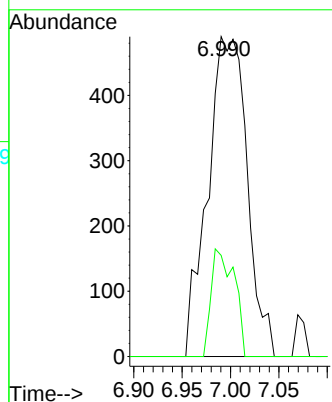


#25
2-Butanone
Concen: 2.363 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Instrument :
MSVOA_Y
ClientSampleId :

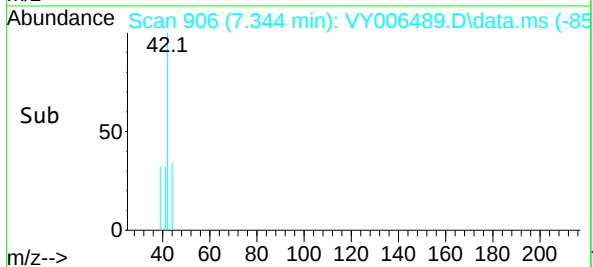
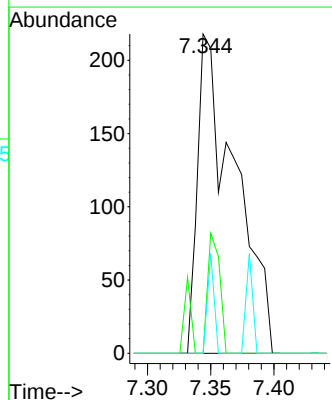
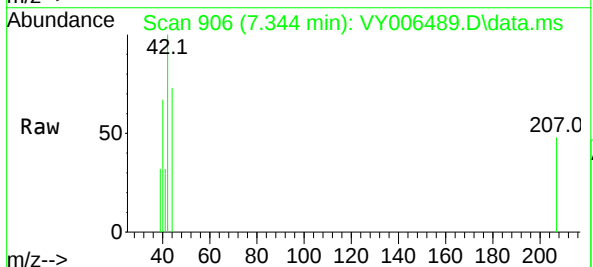


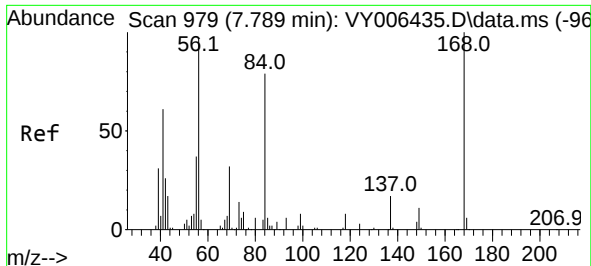
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
72 31.6 18.9 28.3#



#29
Tetrahydrofuran
Concen: 1.236 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.012 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

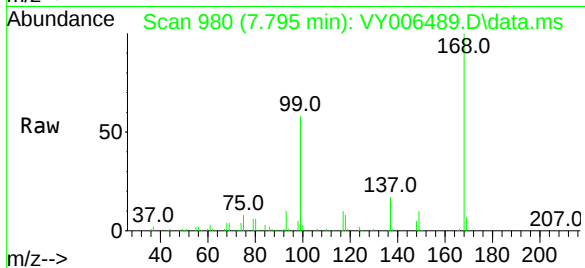
Tgt Ion: 42 Resp: 446
Ion Ratio Lower Upper
42 100
72 12.1 32.0 48.0#
71 5.6 30.3 45.5#



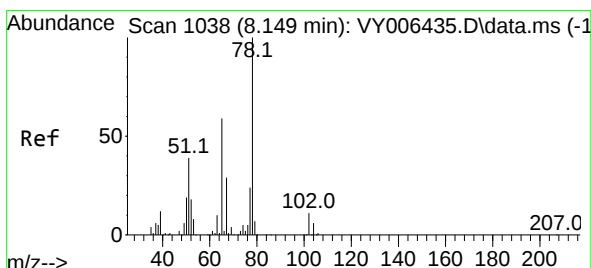
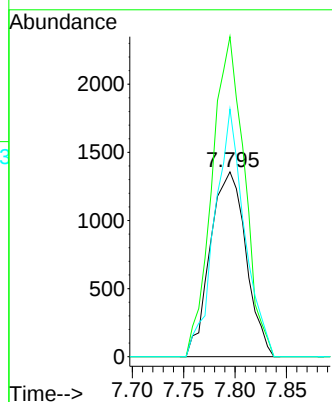
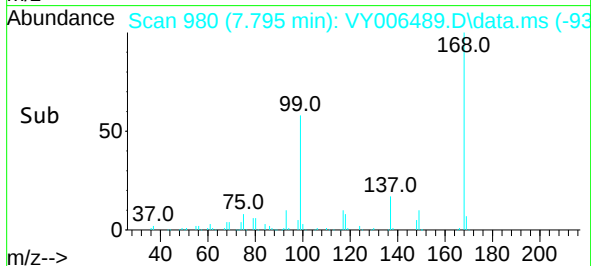


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Instrument :
MSVOA_Y
ClientSampleId :

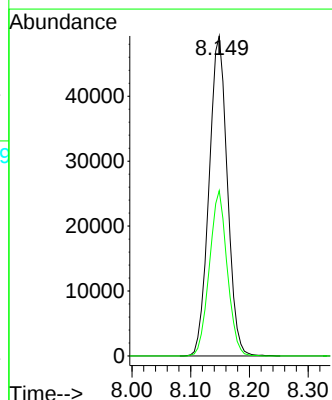
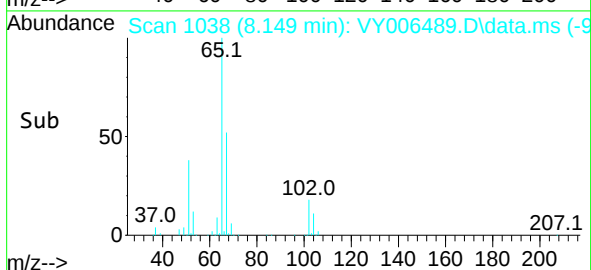
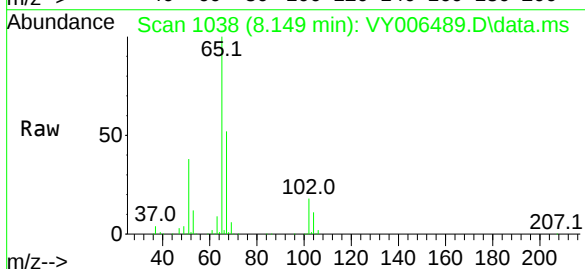


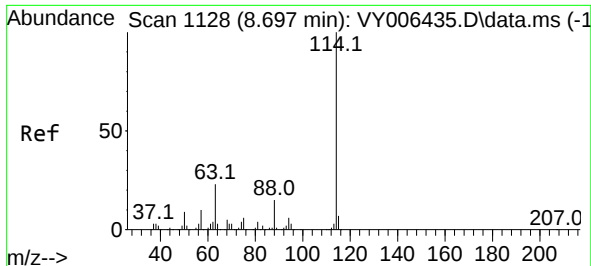
Tgt Ion	Ratio	Lower	Upper
56	100		
69	173.1	26.6	40.0#
84	134.0	65.0	97.4#



#33
1,2-Dichloroethane-d4
Concen: 68.232 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.3	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

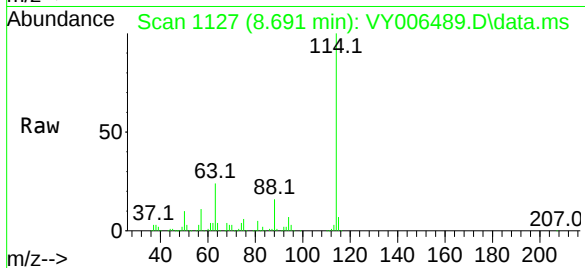
Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :



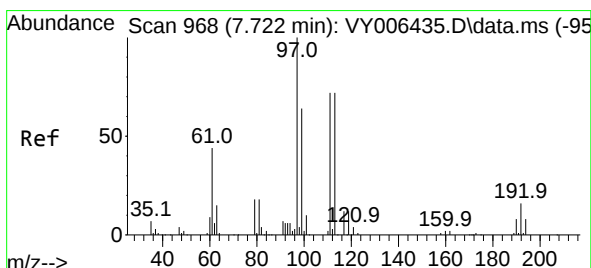
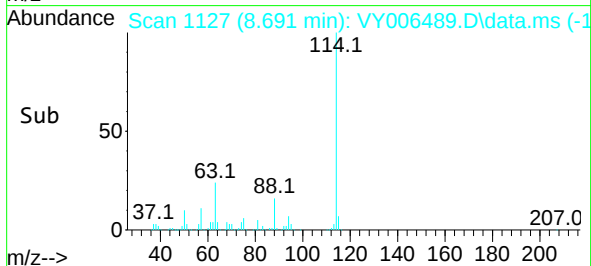
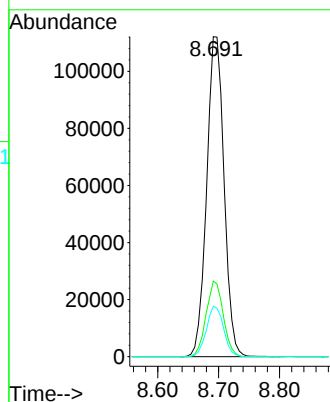
Tgt Ion:114 Resp: 222175

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.173 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

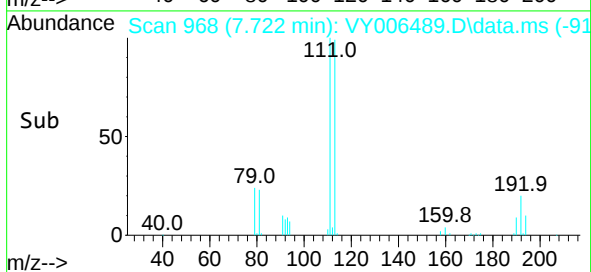
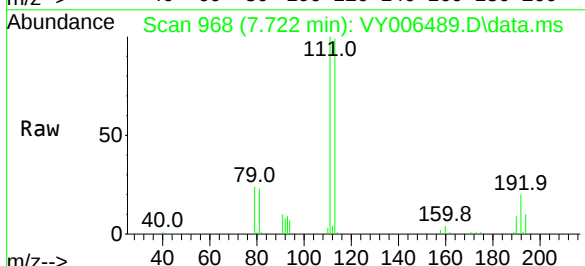
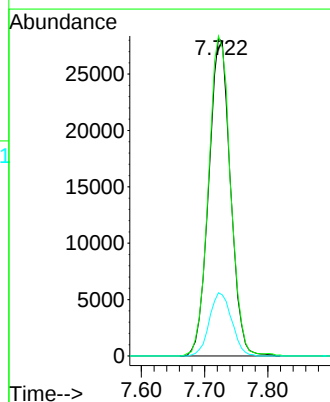
Tgt Ion:113 Resp: 67084

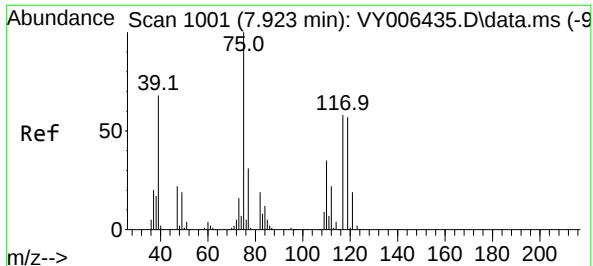
Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

192 20.5 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.001 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY006489.D

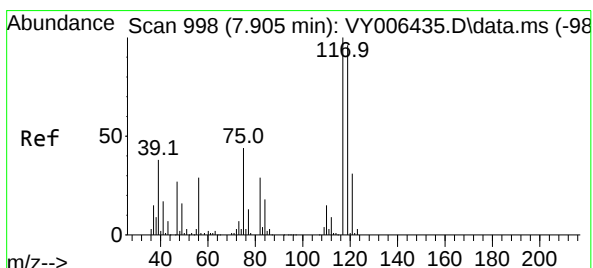
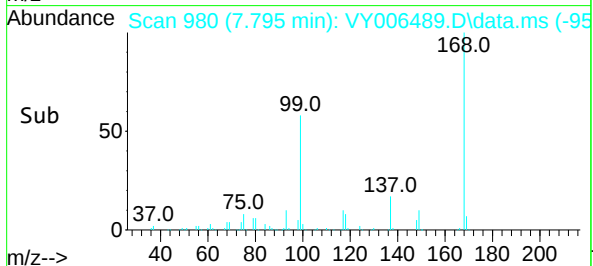
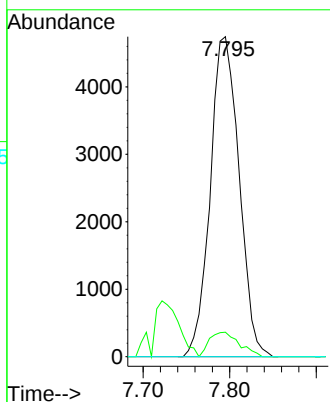
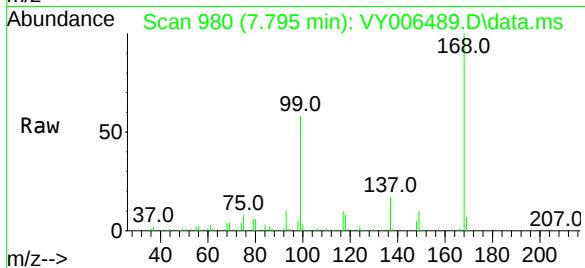
Acq: 26 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	10978
Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.377 ug/l

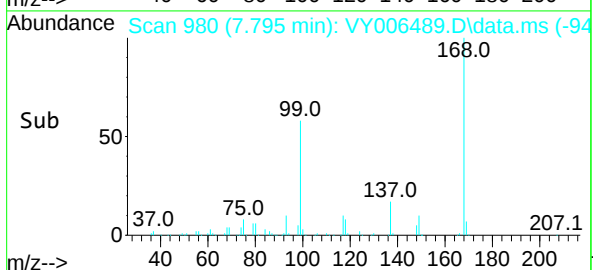
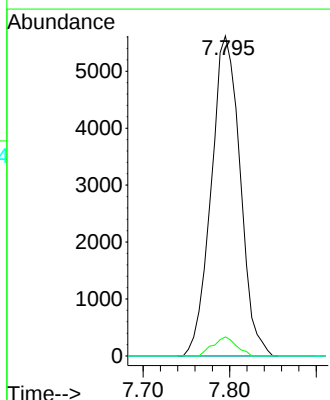
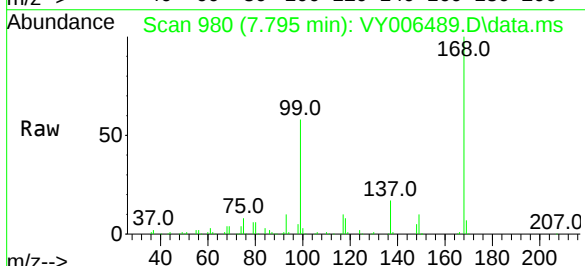
RT: 7.795 min Scan# 980

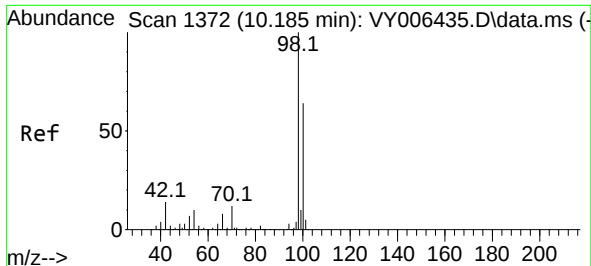
Delta R.T. -0.110 min

Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

Tgt Ion:	117	Resp:	13021
Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.6	115.0#
121	0.0	24.7	37.1#

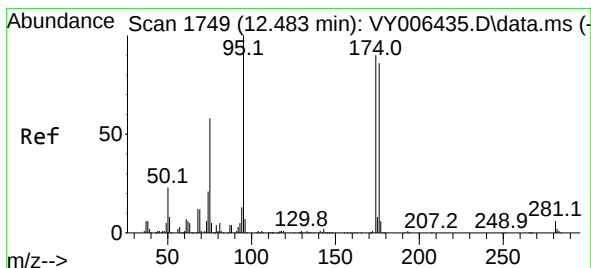
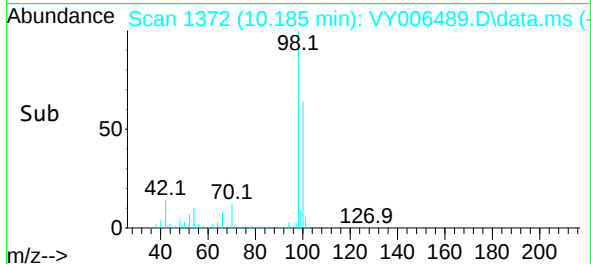
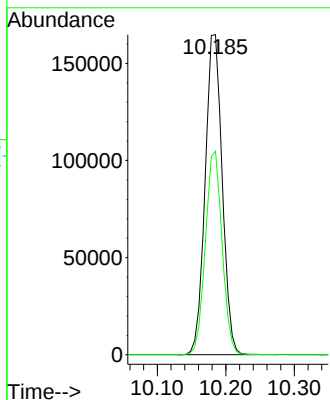
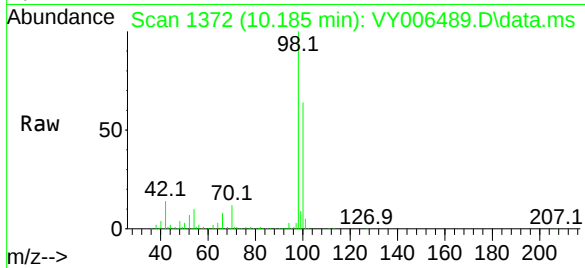




#50
Toluene-d8
Concen: 54.445 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

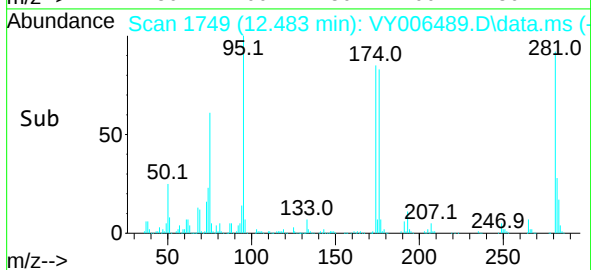
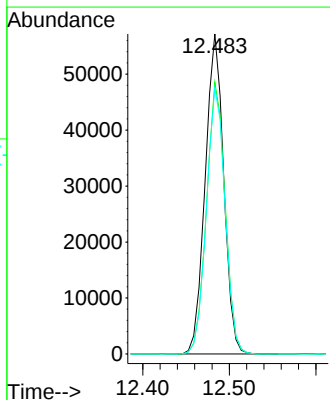
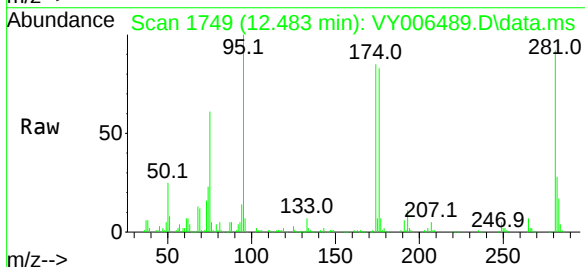
Instrument :
MSVOA_Y
ClientSampleId :

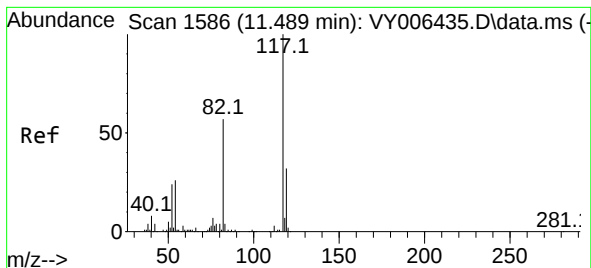
Tgt Ion: 98 Resp: 285807
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion: 95 Resp: 84774
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 84.1 0.0 169.4

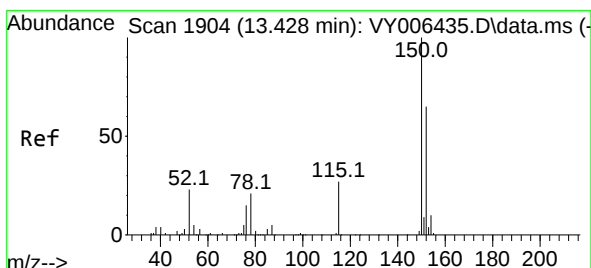
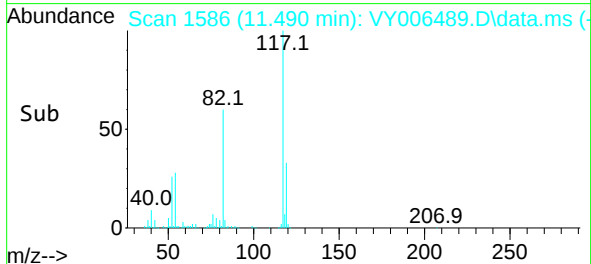
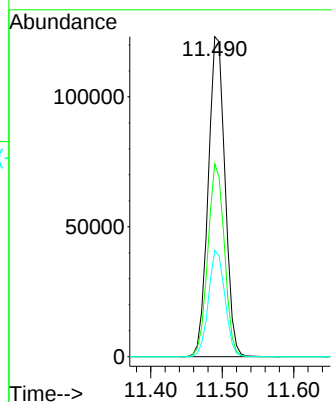
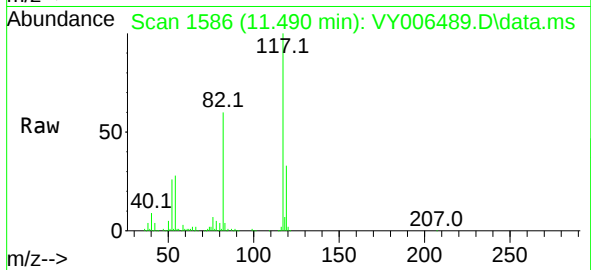




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

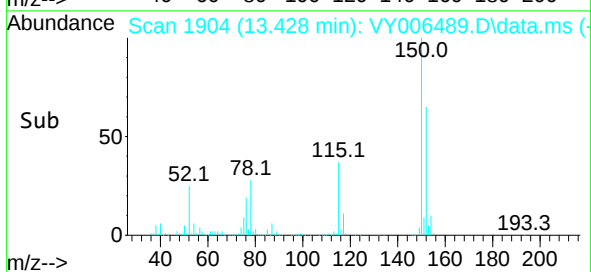
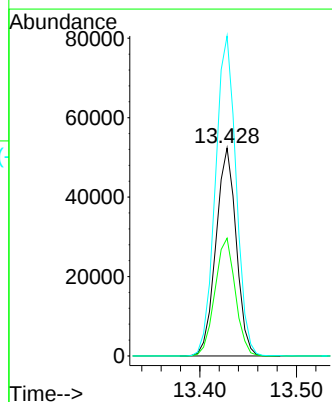
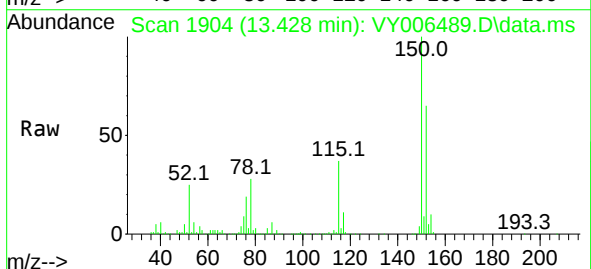
Instrument :
MSVOA_Y
ClientSampleId :

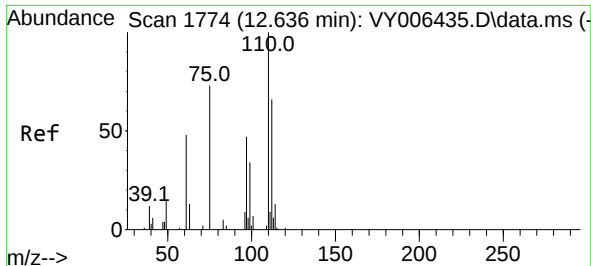
Tgt Ion:117 Resp: 200658
Ion Ratio Lower Upper
117 100
82 60.2 45.7 68.5
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion:152 Resp: 76254
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 156.9 0.0 348.2

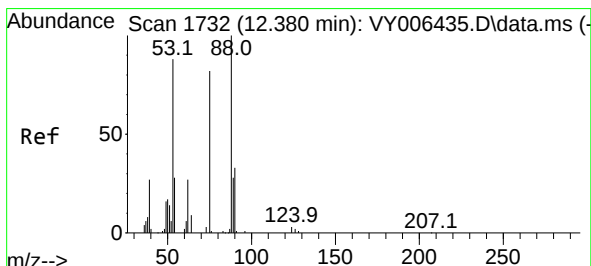
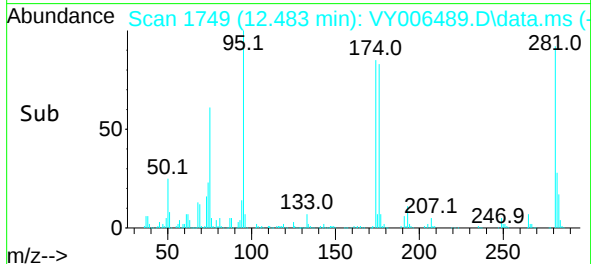
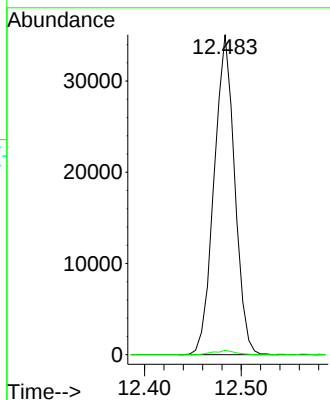
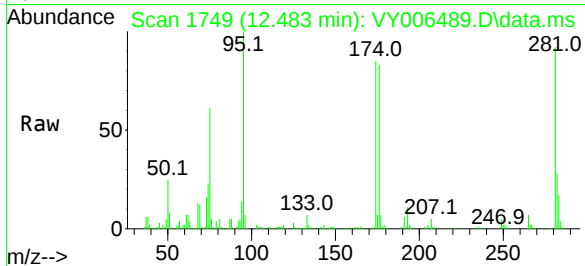




#76
1,2,3-Trichloropropane
Concen: 66.021 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

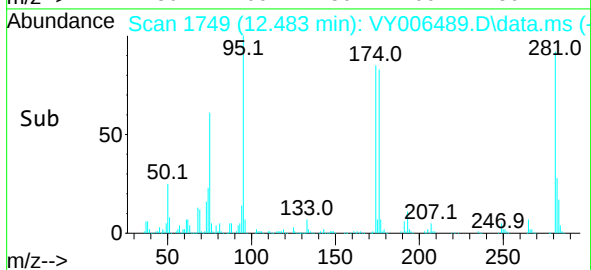
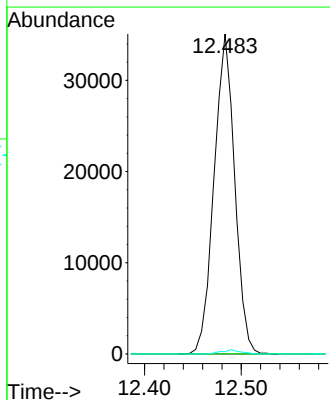
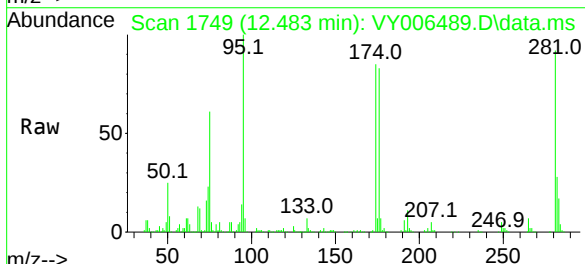
Instrument :
MSVOA_Y
ClientSampleId :

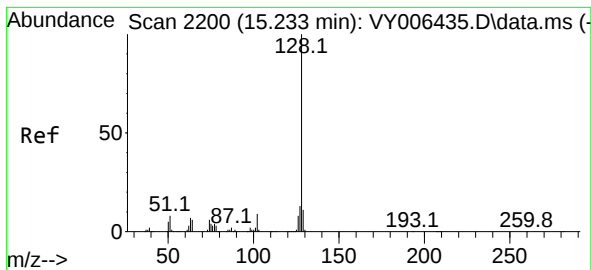
Tgt Ion: 75 Resp: 51878
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.539 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion: 75 Resp: 51878
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.2 39.3 58.9#





#95

Naphthalene

Concen: 1.078 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

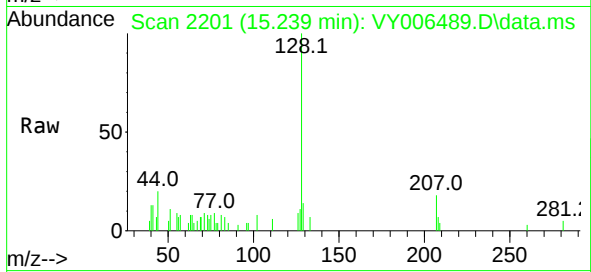
Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 3083

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 10.9 8.9 13.3

