

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006466.D
 Acq On : 25 Oct 2021 15:04
 Operator : SY/MD
 Sample : M4300-07
 Misc : 3.38G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 02:44:18 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)

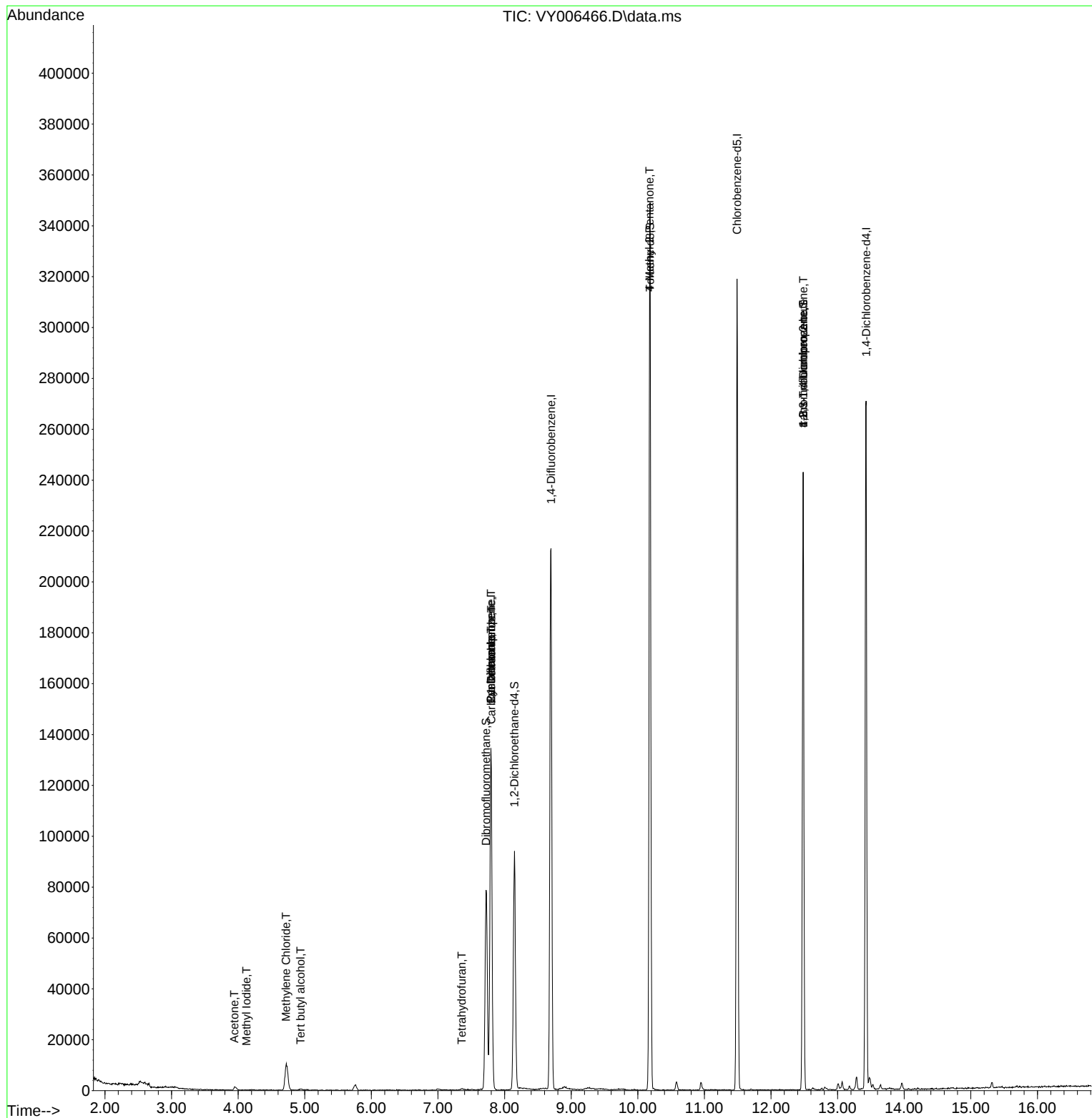
Internal Standards						
1) Pentafluorobenzene	7.795	168	100990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76433	61.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.000%	
35) Dibromofluoromethane	7.722	113	52318	53.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.185	98	223064	53.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.483	95	64798	46.530	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.060%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.125	142	63	5.117	ug/l #	36
11) Tert butyl alcohol	4.936	59	508	4.500	ug/l #	72
16) Acetone	3.942	43	2414	6.746	ug/l #	83
20) Methylene Chloride	4.716	84	7398	2.862	ug/l	92
29) Tetrahydrofuran	7.356	42	300	1.043	ug/l #	36
31) Cyclohexane	7.795	56	2400	1.193	ug/l #	28
36) 1,1-Dichloropropene	7.795	75	8204	4.745	ug/l #	51
38) Carbon Tetrachloride	7.801	117	10165	5.330	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1214	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38362	55.851	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38362	114.660	ug/l #	7

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

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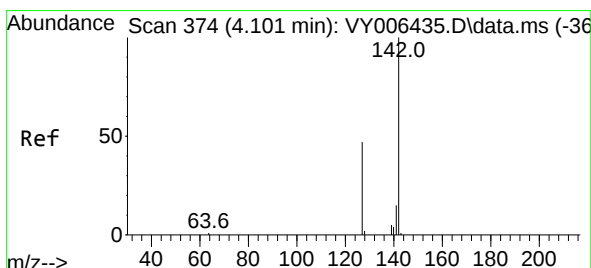
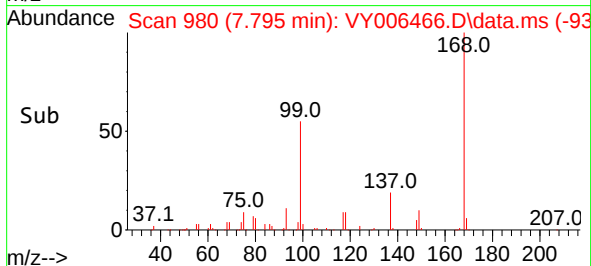
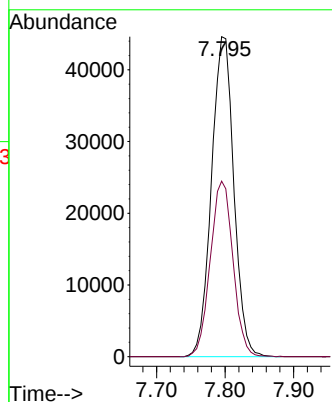
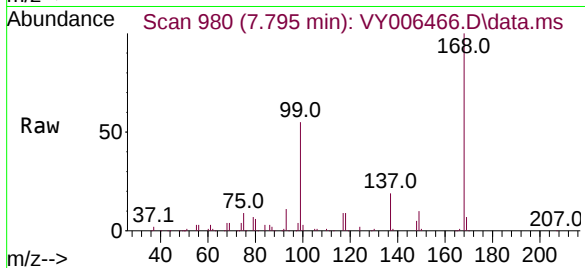




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

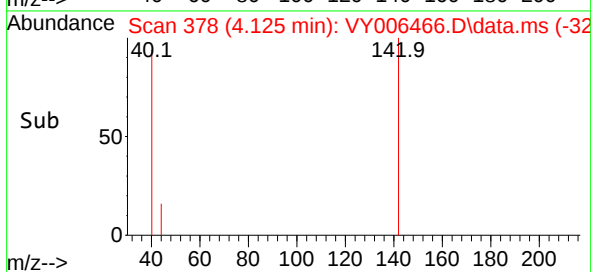
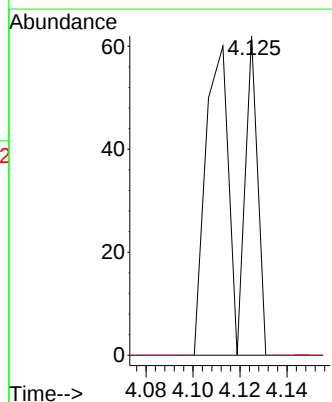
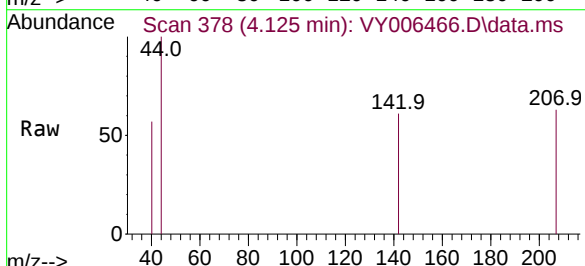
Instrument :
MSVOA_Y
ClientSampleId :

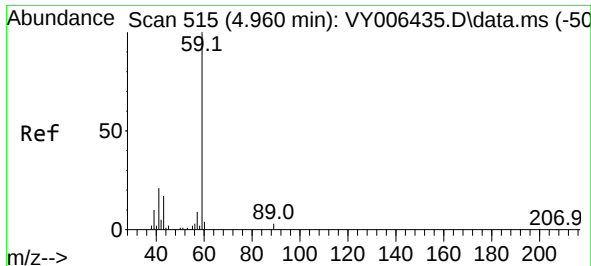
Tgt Ion:168 Resp: 100990
Ion Ratio Lower Upper
168 100
99 54.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.117 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.024 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Tgt Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



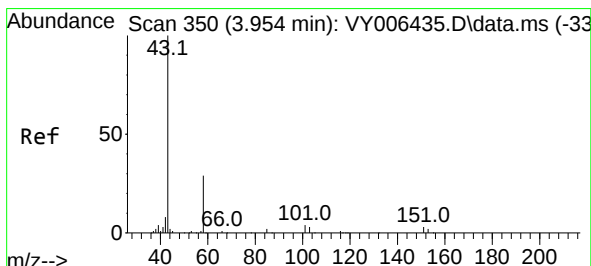
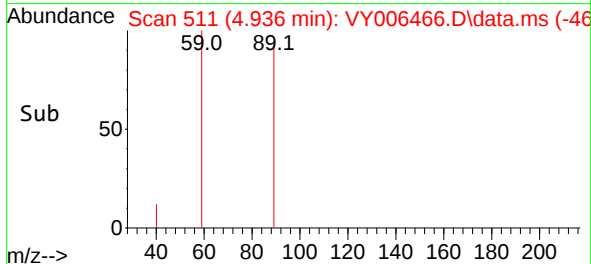
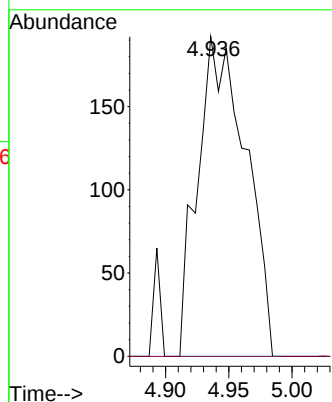
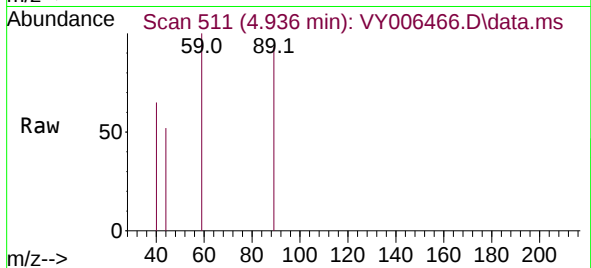


#11

Tert butyl alcohol
Concen: 4.500 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Instrument :
MSVOA_Y
ClientSampled :

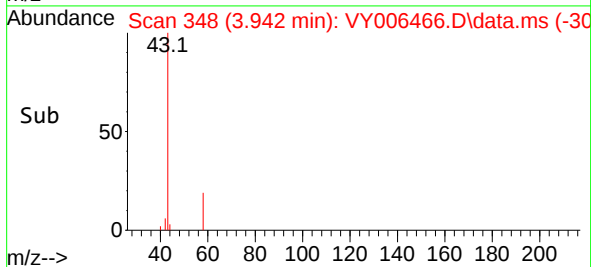
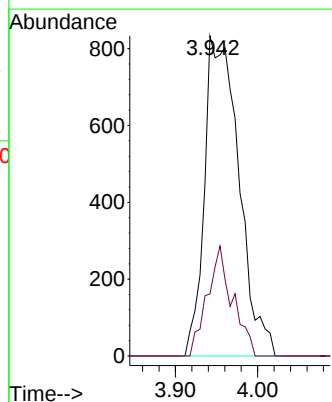
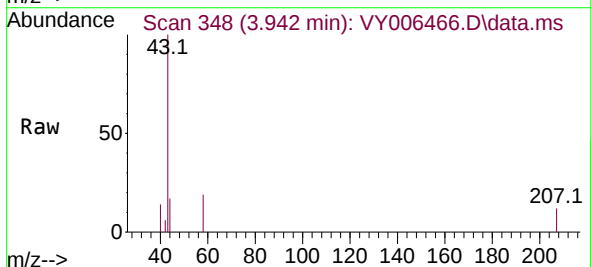
Tgt Ion: 59 Resp: 508
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

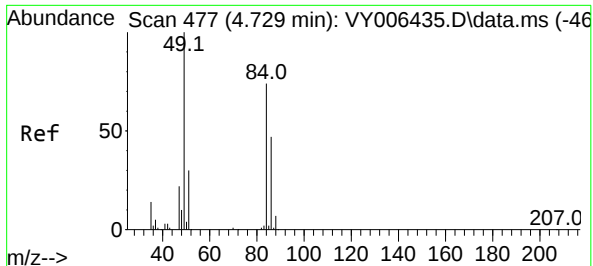


#16

Acetone
Concen: 6.746 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

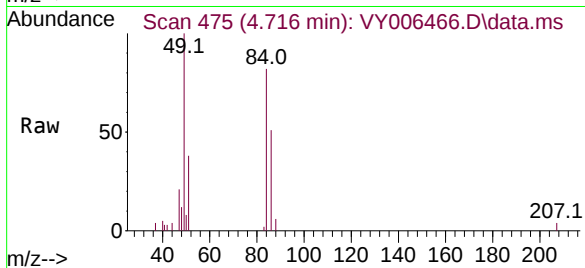
Tgt Ion: 43 Resp: 2414
Ion Ratio Lower Upper
43 100
58 19.3 22.9 34.3#



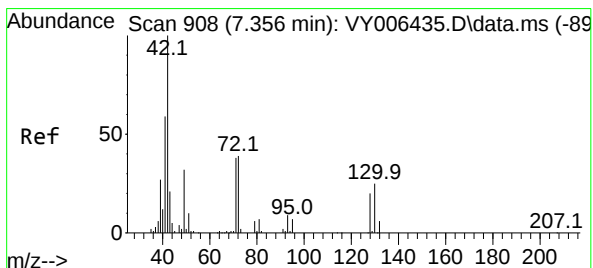
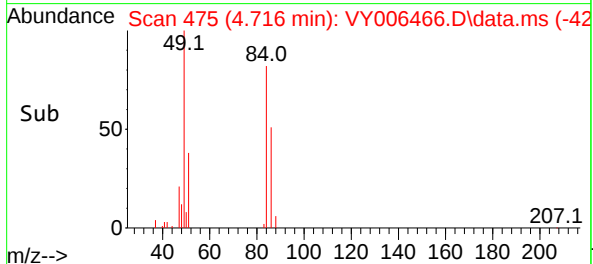
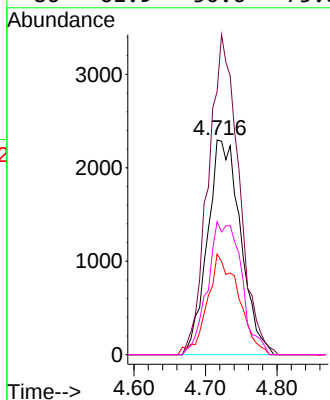


#20
Methylene Chloride
Concen: 2.862 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Instrument :
MSVOA_Y
ClientSampled :

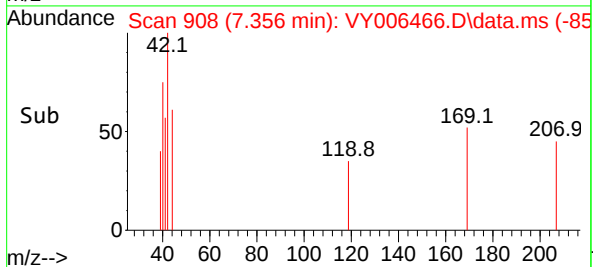
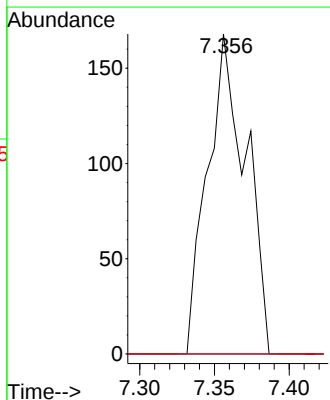
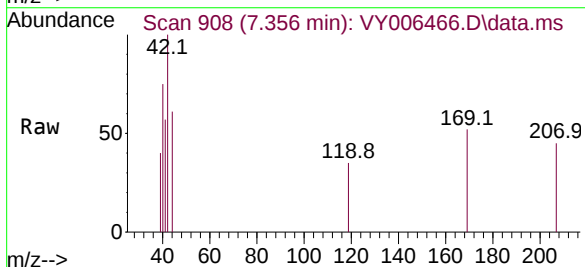


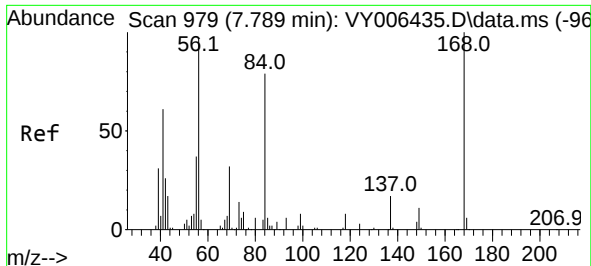
Tgt Ion:	84	Resp:	7398
Ion	Ratio	Lower	Upper
84	100		
49	122.6	107.8	161.8
51	46.9	32.8	49.2
86	61.9	50.6	75.8



#29
Tetrahydrofuran
Concen: 1.043 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

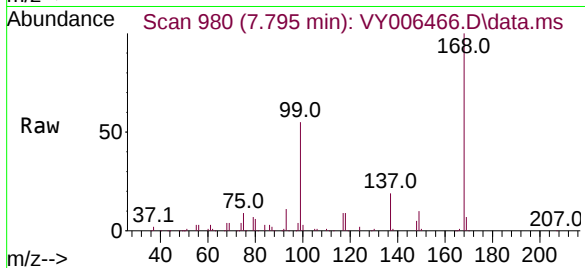
Tgt Ion:	42	Resp:	300
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.3	45.5#



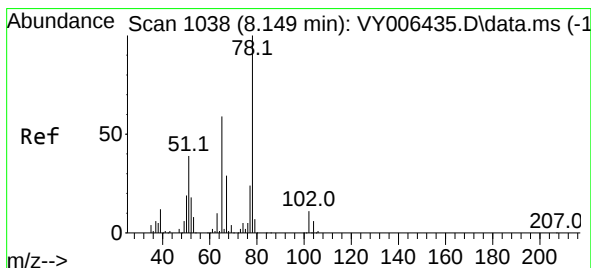
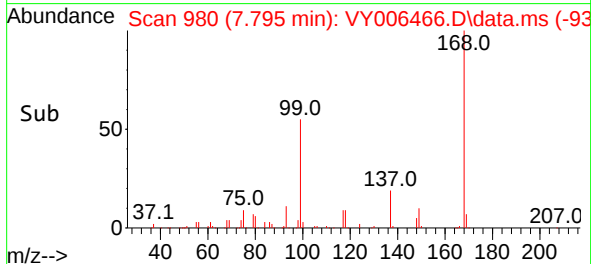
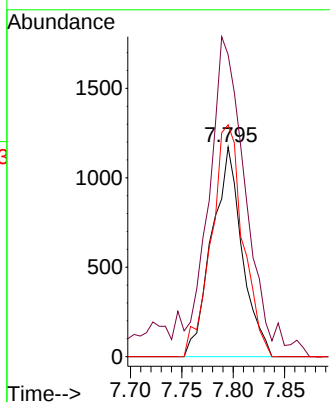


#31
Cyclohexane
Concen: 1.193 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Instrument :
MSVOA_Y
ClientSampleId :

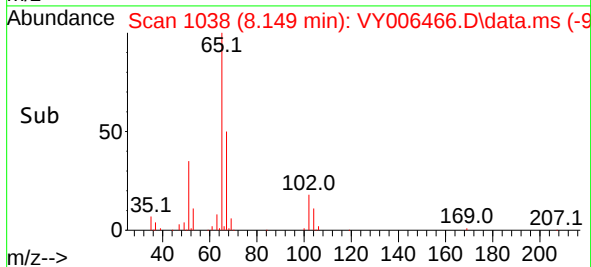
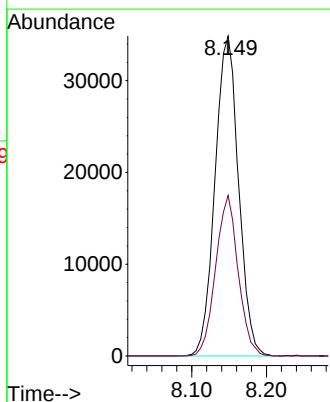
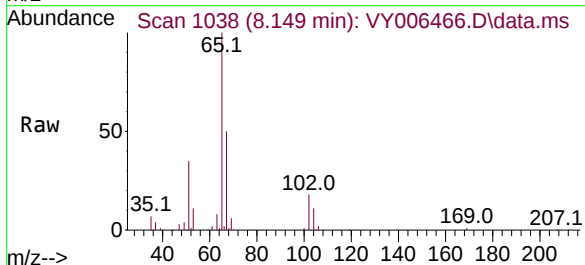


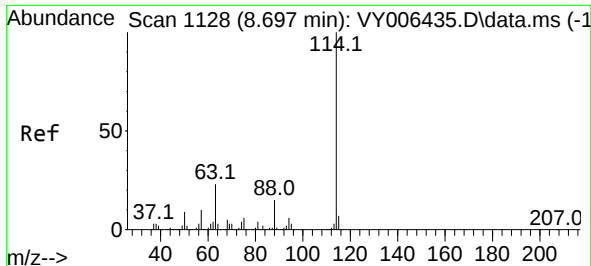
Tgt Ion: 56 Resp: 2400
Ion Ratio Lower Upper
56 100
69 128.0 26.6 40.0#
84 110.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 61.503 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Tgt Ion: 65 Resp: 76433
Ion Ratio Lower Upper
65 100
67 47.9 0.0 98.2

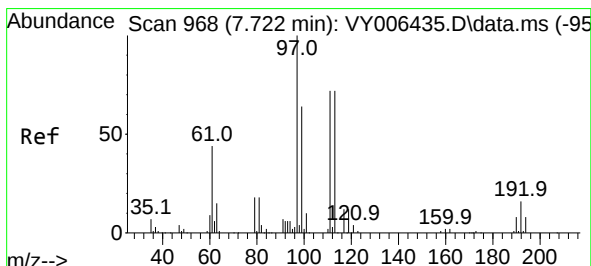
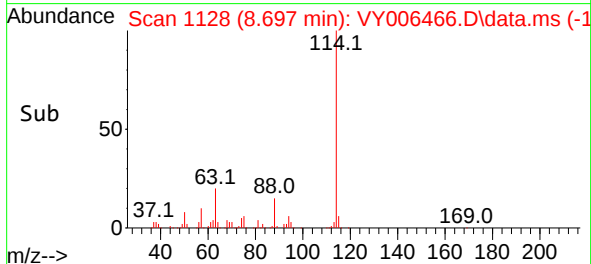
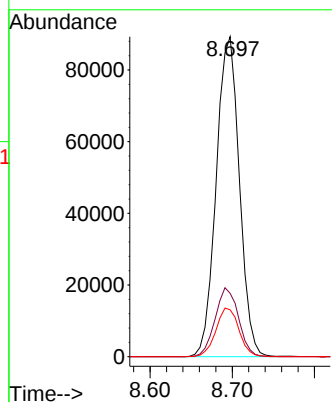
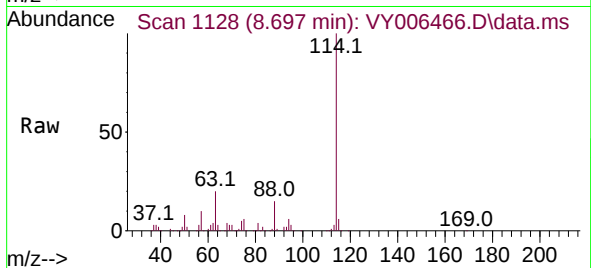




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

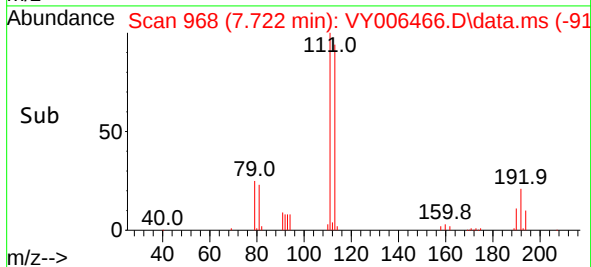
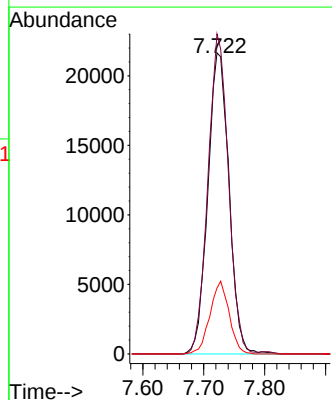
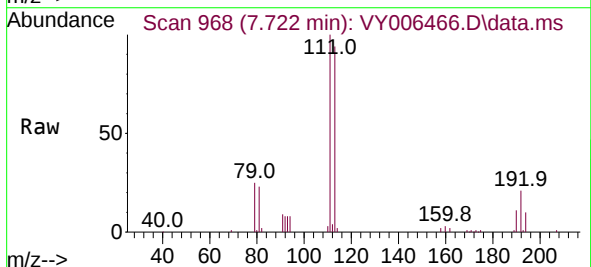
Instrument :
MSVOA_Y
ClientSampleId :

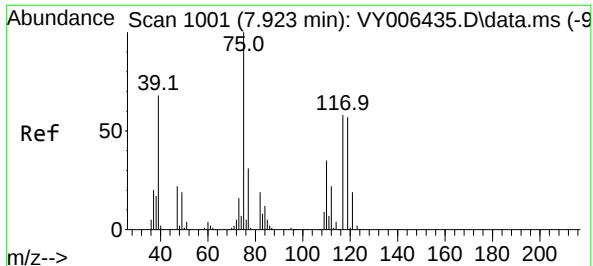
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	45.0
88	14.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.647 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	21.9	17.4	26.2





#36

1,1-Dichloropropene

Concen: 4.745 ug/l

RT: 7.795 min Scan# 980

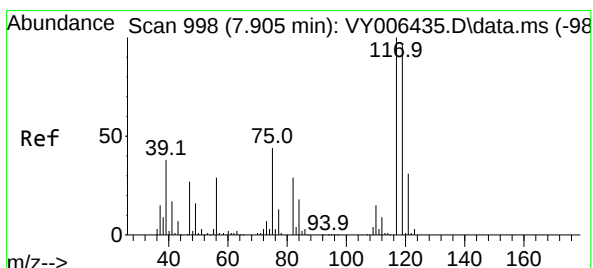
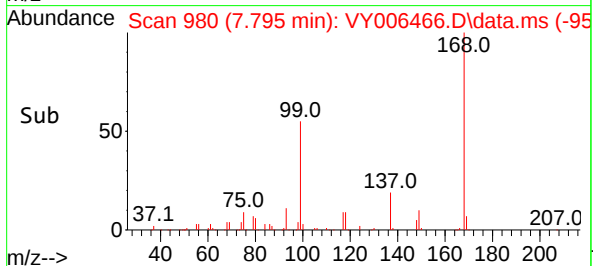
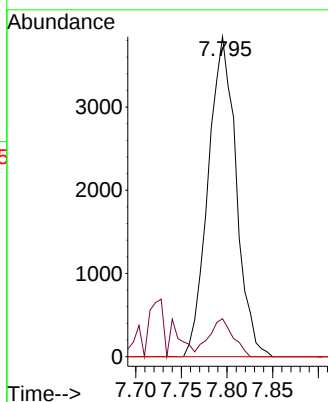
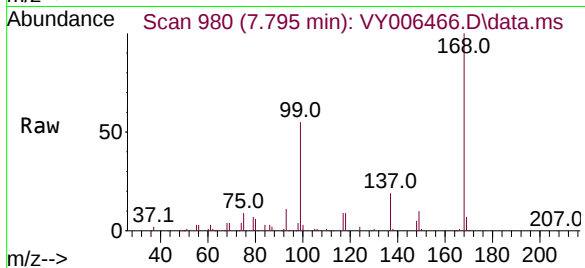
Delta R.T. -0.128 min

Lab File: VY006466.D

Acq: 25 Oct 2021 15:04

Tgt Ion: 75	Resp:	8204
Ion Ratio	Lower	Upper
75	100	
110	10.2	17.1 51.3#
77	0.0	24.9 37.3#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.330 ug/l

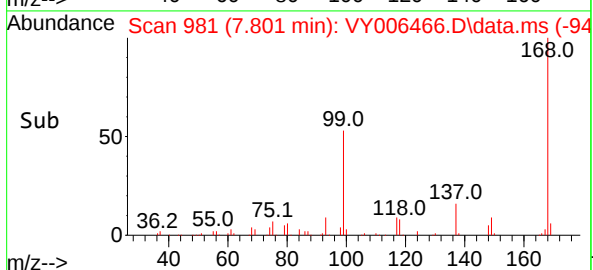
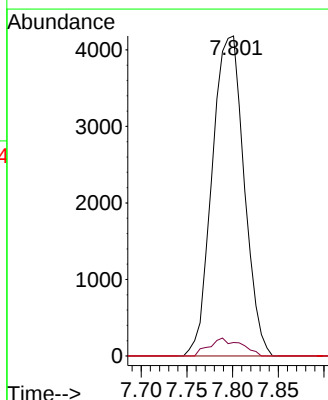
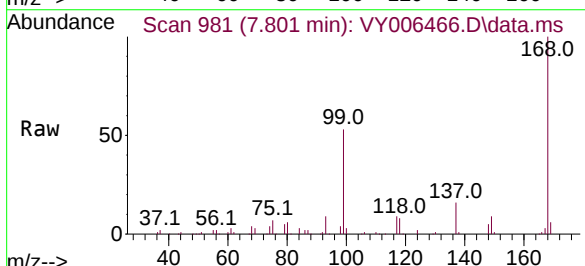
RT: 7.801 min Scan# 981

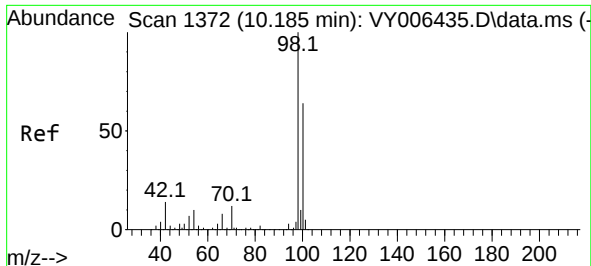
Delta R.T. -0.104 min

Lab File: VY006466.D

Acq: 25 Oct 2021 15:04

Tgt Ion: 117	Resp:	10165
Ion Ratio	Lower	Upper
117	100	
119	4.2	76.6 115.0#
121	0.0	24.7 37.1#

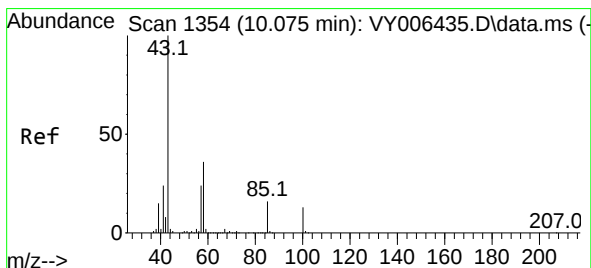
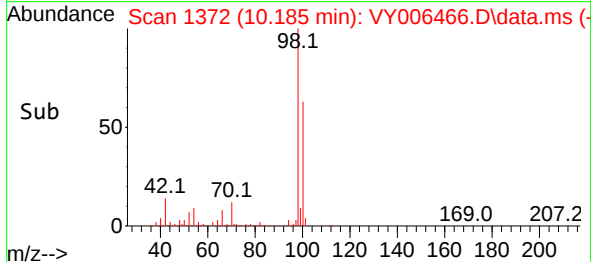
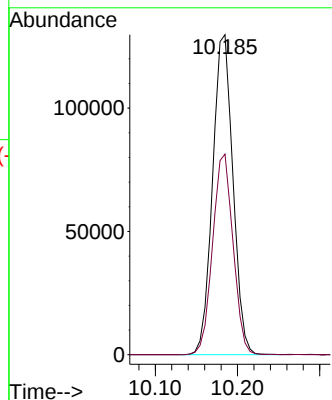
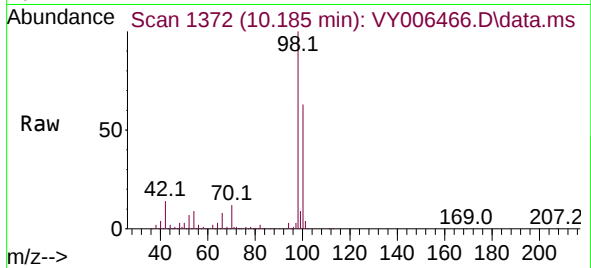




#50
Toluene-d8
Concen: 53.957 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

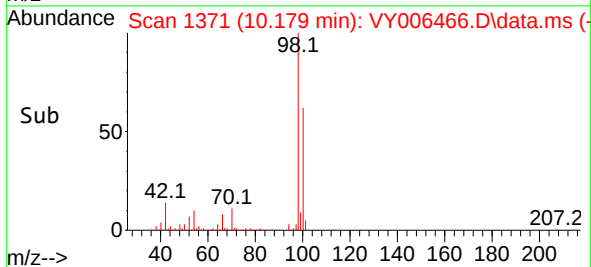
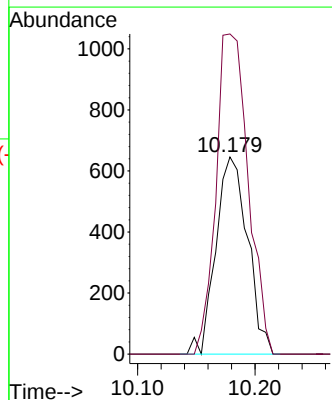
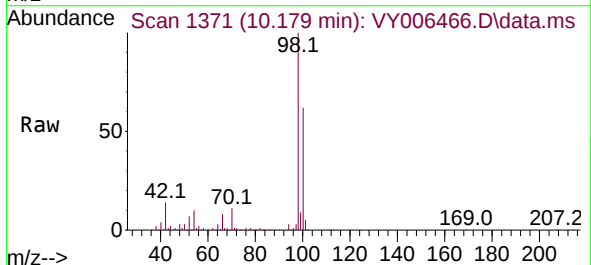
Instrument :
MSVOA_Y
ClientSampled :

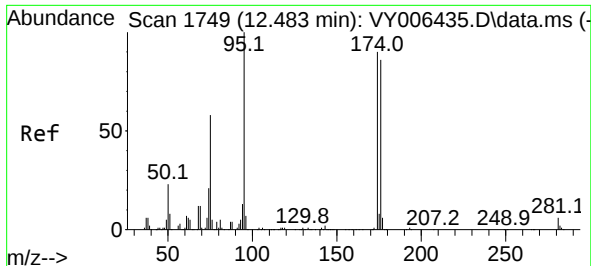
Tgt Ion: 98 Resp: 223064
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.091 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 165.0 28.7 43.1#

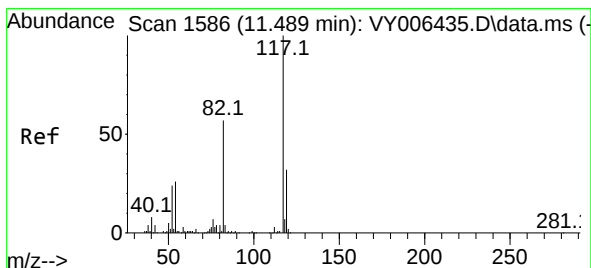
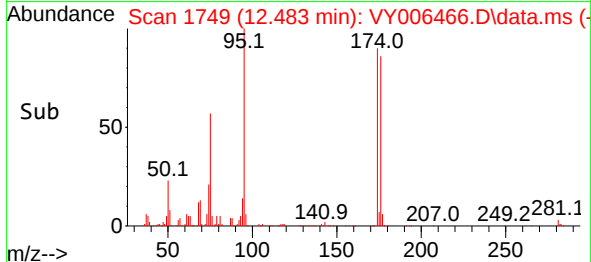
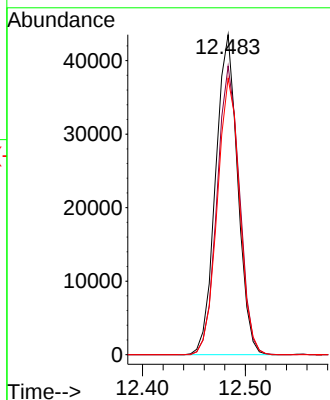
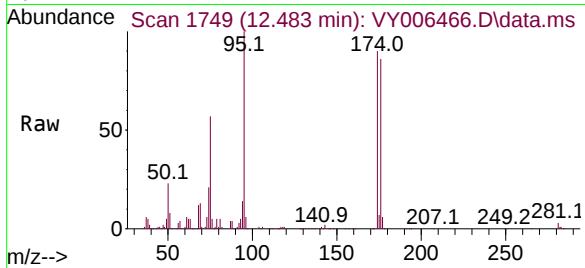




#62
4-Bromofluorobenzene
Concen: 46.530 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

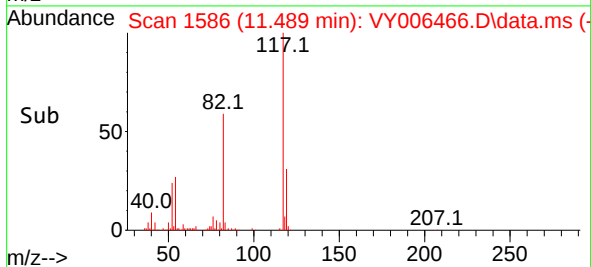
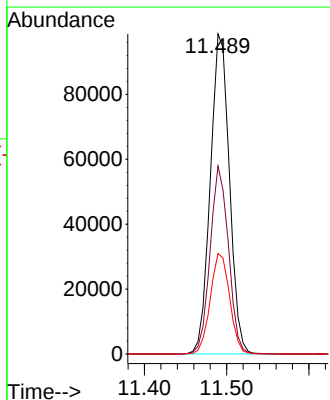
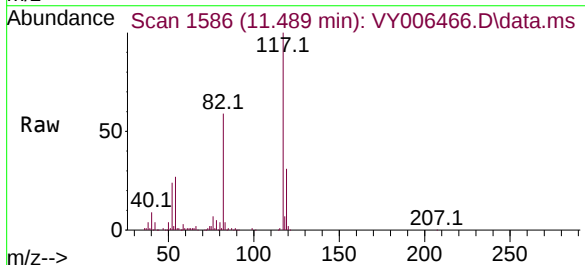
Instrument :
MSVOA_Y
ClientSampleId :

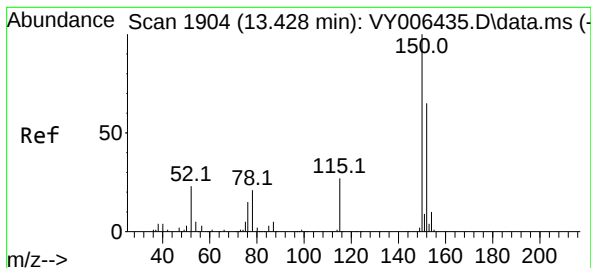
Tgt Ion: 95 Resp: 64798
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 87.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006466.D
Acq: 25 Oct 2021 15:04

Tgt Ion: 117 Resp: 158974
Ion Ratio Lower Upper
117 100
82 58.7 45.7 68.5
119 31.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

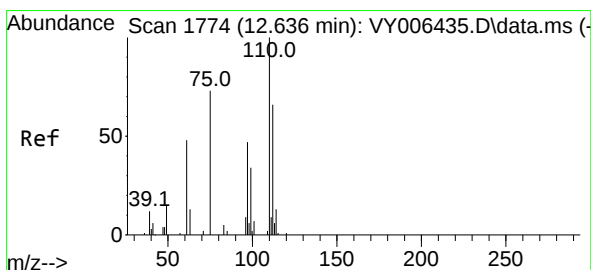
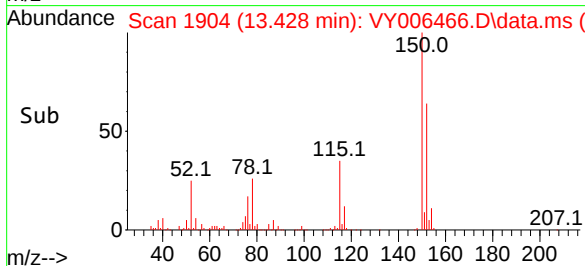
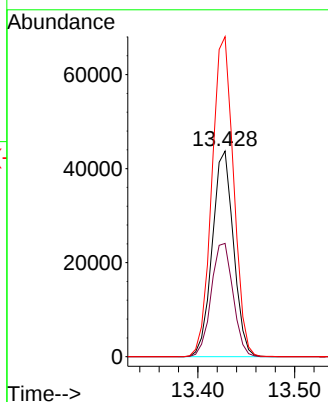
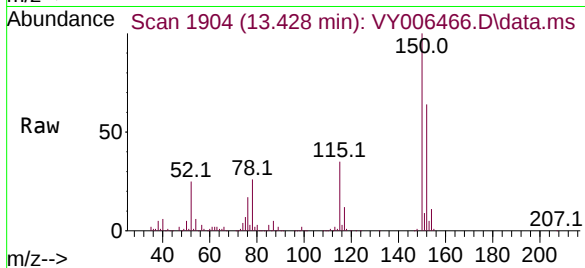
Delta R.T. -0.000 min

Lab File: VY006466.D

Acq: 25 Oct 2021 15:04

Tgt Ion:	152	Resp:	66655
Ion Ratio	Lower	Upper	
152	100		
115	56.7	28.5	85.5
150	159.0	0.0	348.2

Instrument :
MSVOA_Y
ClientSampleId :



#76

1,2,3-Trichloropropane

Concen: 55.851 ug/l

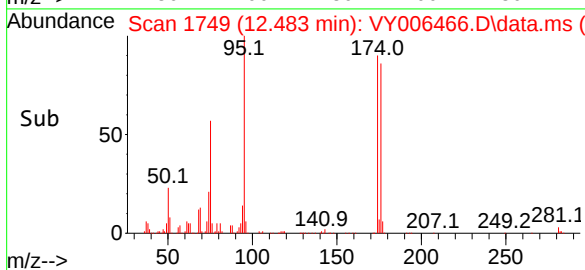
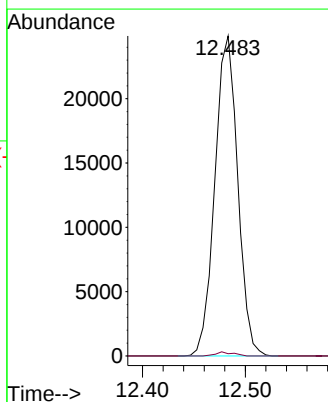
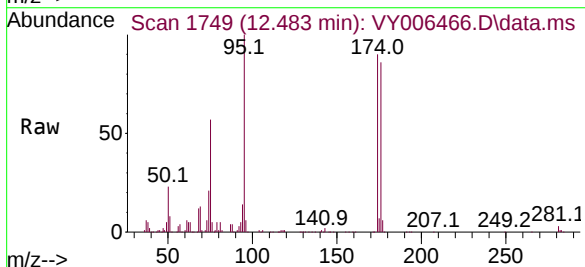
RT: 12.483 min Scan# 1749

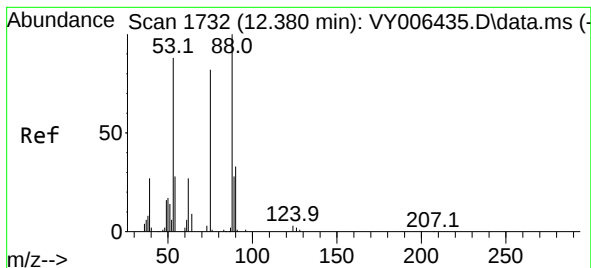
Delta R.T. -0.152 min

Lab File: VY006466.D

Acq: 25 Oct 2021 15:04

Tgt Ion:	75	Resp:	38362
Ion Ratio	Lower	Upper	
75	100		
77	1.0	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 114.660 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY006466.D

Acq: 25 Oct 2021 15:04

Tgt Ion: 75 Resp: 38362

Ion Ratio Lower Upper

75 100

53 0.1 85.8 128.6#

89 0.1 39.3 58.9#

