

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006828.D
 Acq On : 19 Nov 2021 14:22
 Operator : SY/MD
 Sample : M4758-05
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:19:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	841	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1865	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	1525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	229	50.000	ug/l	#-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	1022	92.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	185.440%#
35) Dibromofluoromethane	7.728	113	493	43.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.080%
50) Toluene-d8	10.185	98	2420	51.050	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.477	95	503	31.475	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.940%

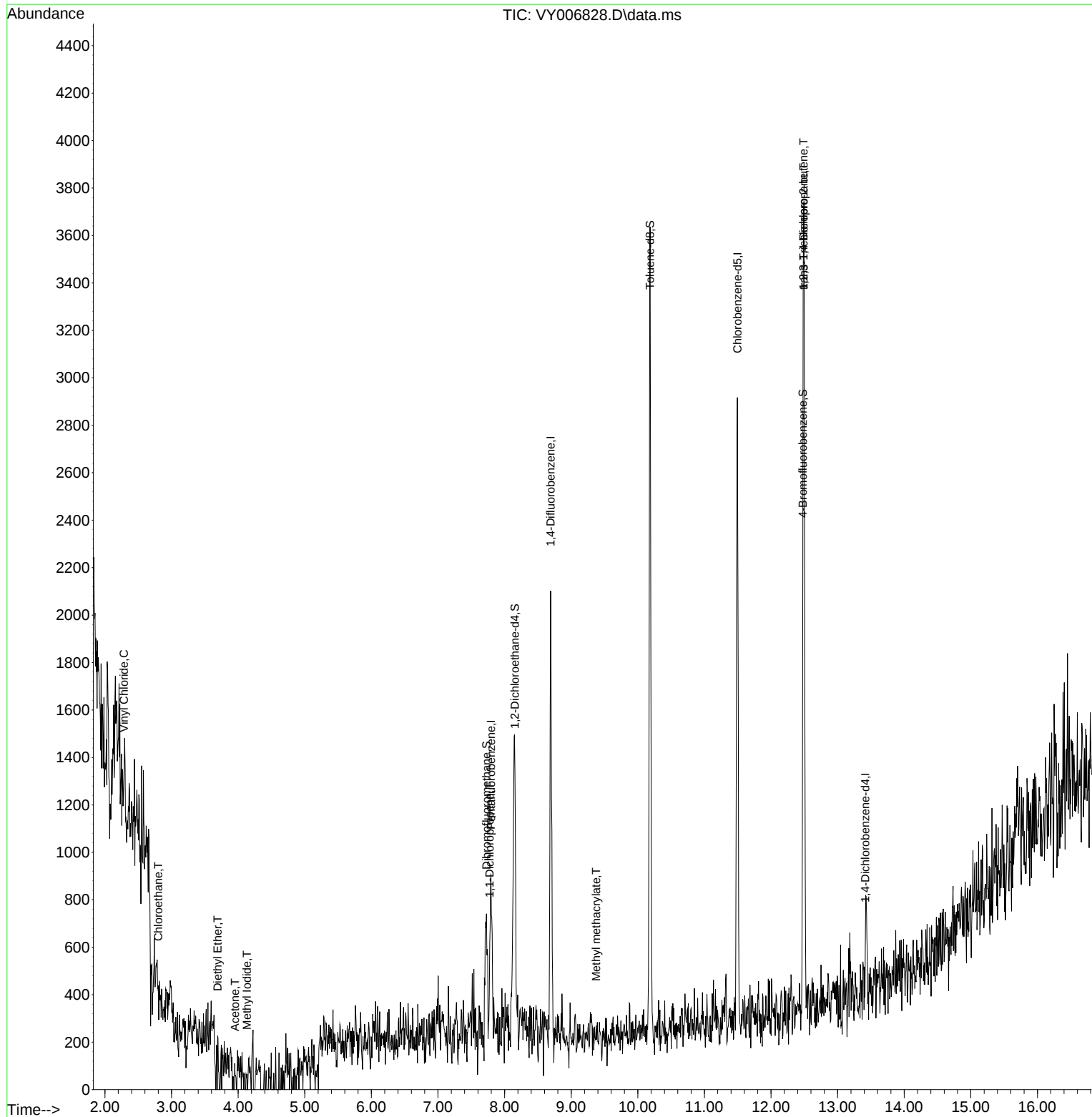
Target Compounds						Qvalue
4) Vinyl Chloride	2.284	62	24	1.946	ug/l #	1
6) Chloroethane	2.802	64	133	17.624	ug/l #	45
8) Diethyl Ether	3.692	74	22	4.273	ug/l #	1
10) Methyl Iodide	4.131	142	25	2.436	ug/l #	36
16) Acetone	3.954	43	41	12.243	ug/l #	46
20) Methylene Chloride	4.716	84	19	Below Cal	#	3
36) 1,1-Dichloropropene	7.777	75	23	1.135	ug/l #	42
48) Methyl methacrylate	9.374	41	20	1.660	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	394	158.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	394	313.567	ug/l #	7

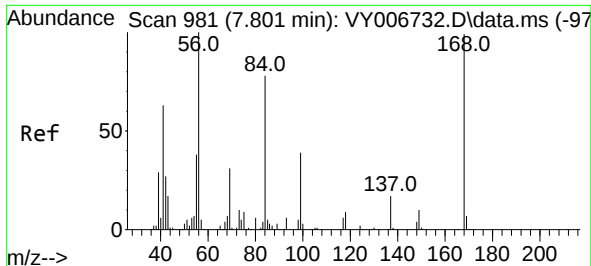
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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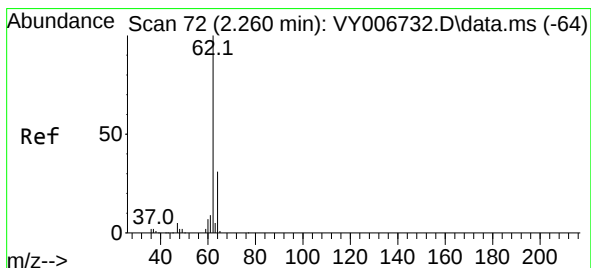
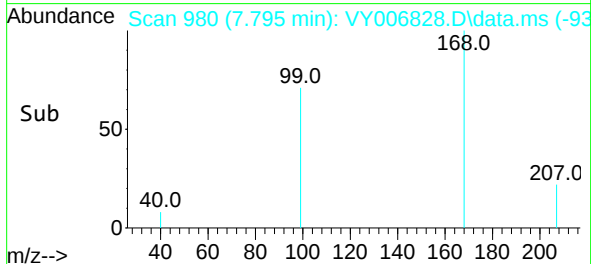
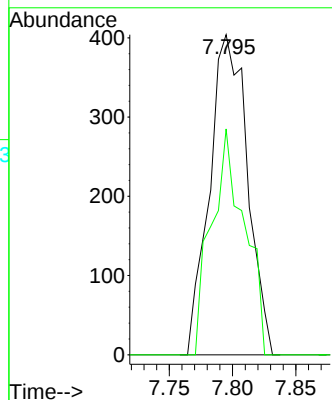
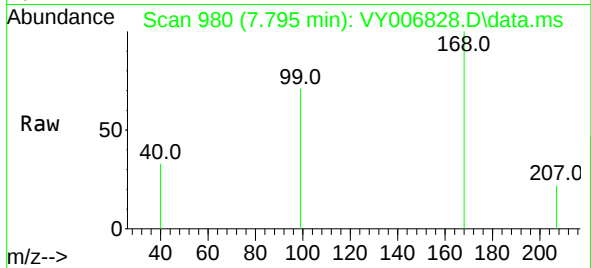




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

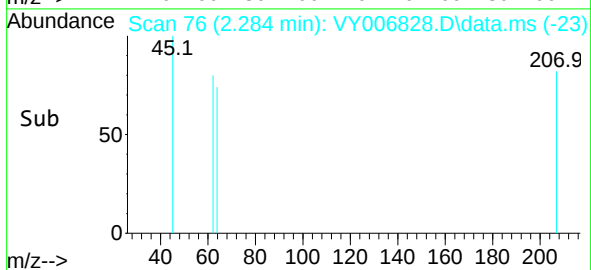
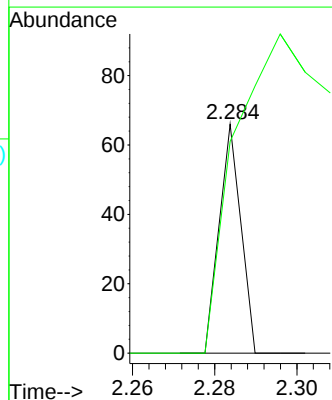
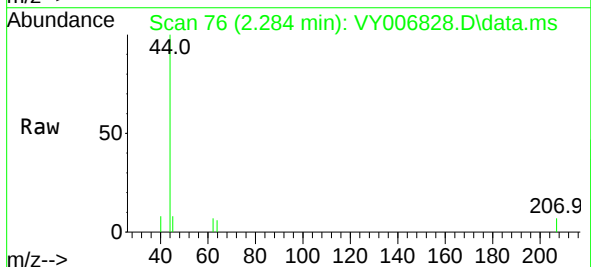
Instrument :
MSVOA_Y
ClientSampleId :

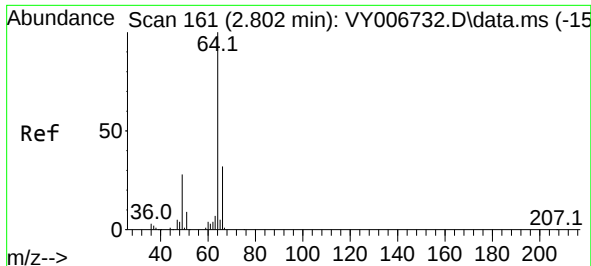
Tgt Ion:168 Resp: 841
Ion Ratio Lower Upper
168 100
99 70.5 44.8 67.2#



#4
Vinyl Chloride
Concen: 1.946 ug/l
RT: 2.284 min Scan# 76
Delta R.T. 0.024 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

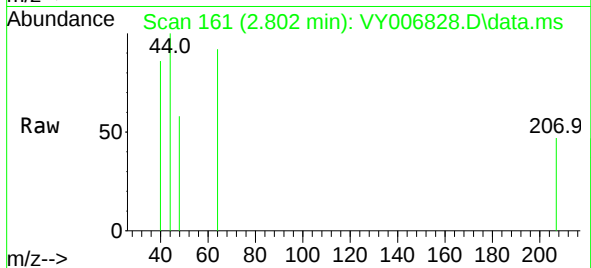
Tgt Ion: 62 Resp: 24
Ion Ratio Lower Upper
62 100
64 92.4 24.7 37.1#



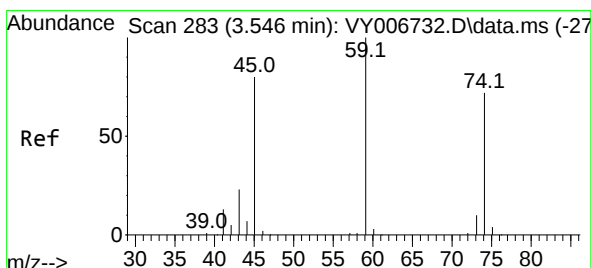
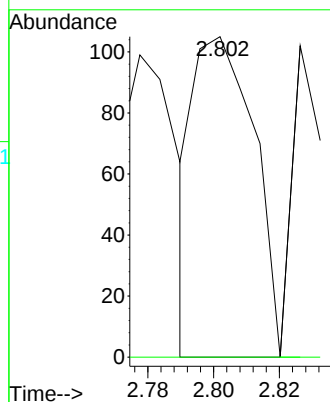
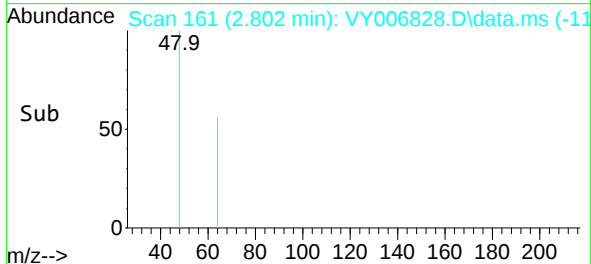


#6
Chloroethane
Concen: 17.624 ug/l
RT: 2.802 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

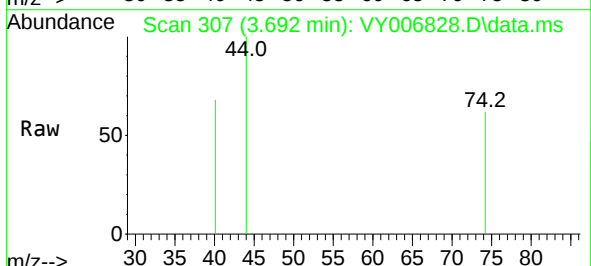
Instrument :
MSVOA_Y
ClientSampleId :



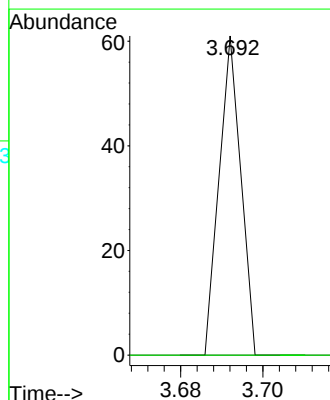
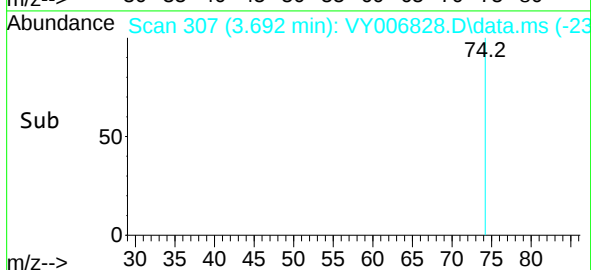
Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

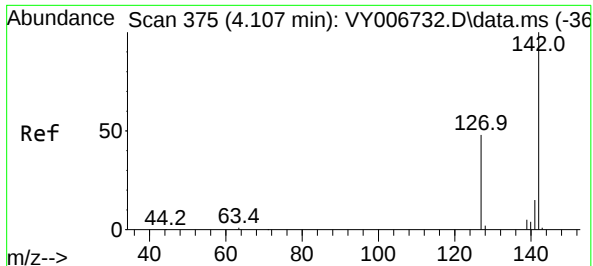


#8
Diethyl Ether
Concen: 4.273 ug/l
RT: 3.692 min Scan# 307
Delta R.T. 0.146 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22



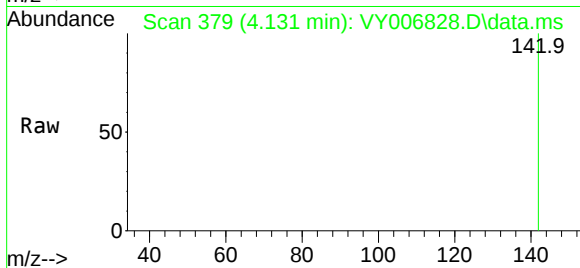
Tgt Ion: 74 Resp: 22
Ion Ratio Lower Upper
74 100
45 0.0 52.8 158.3#



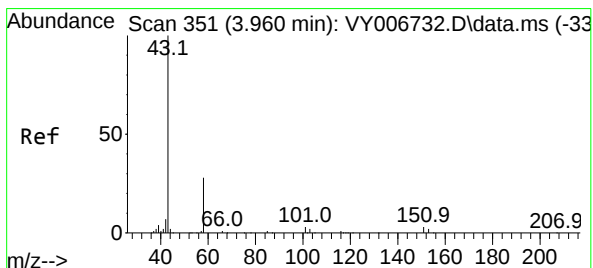
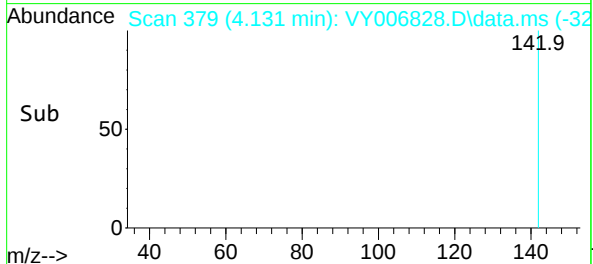
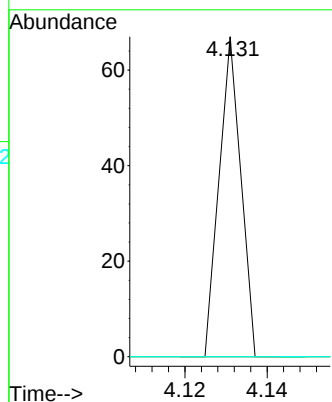


#10
Methyl Iodide
Concen: 2.436 ug/l
RT: 4.131 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :

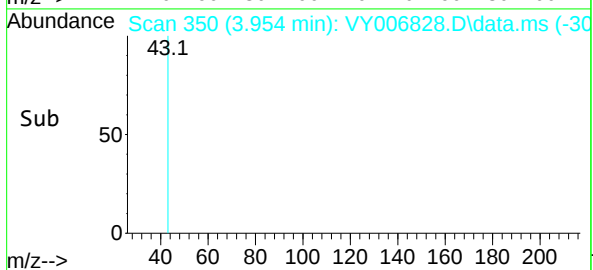
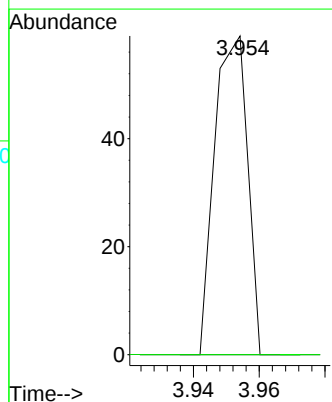
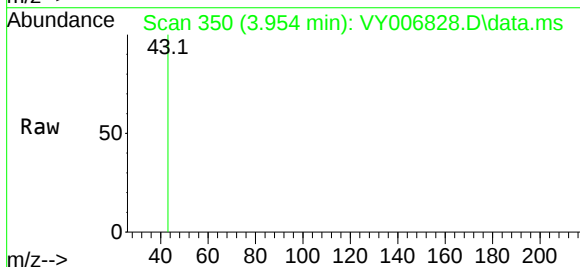


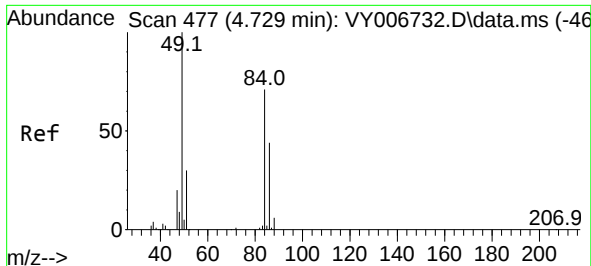
Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 12.243 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

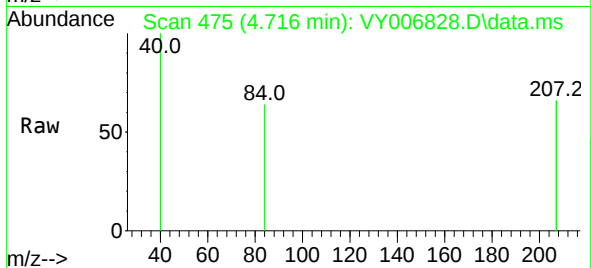
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



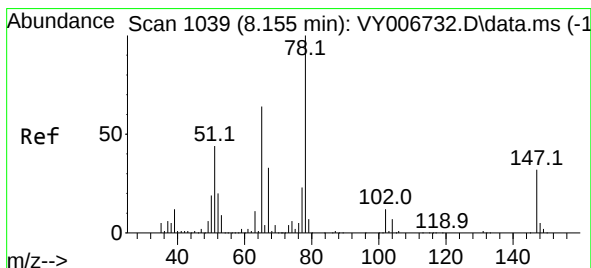
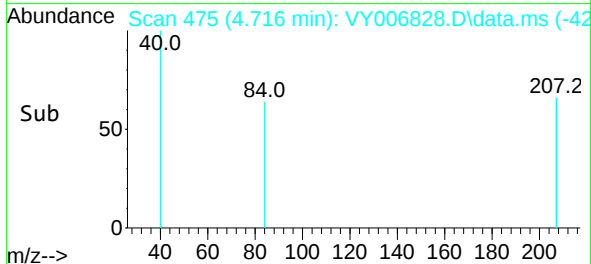
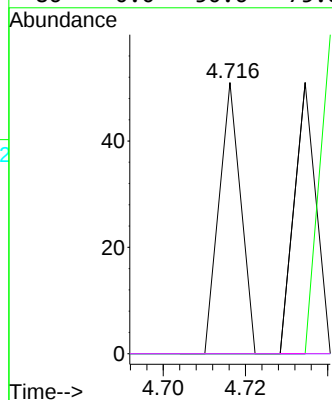


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :

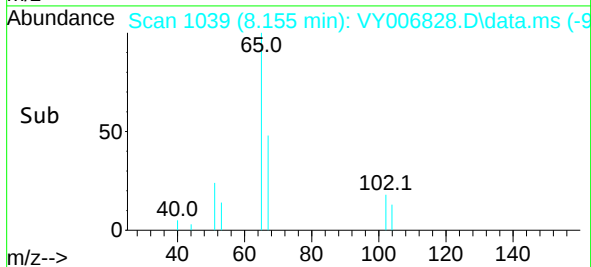
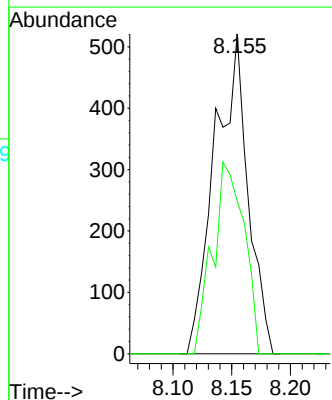
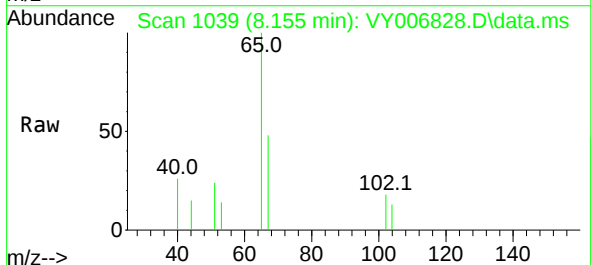


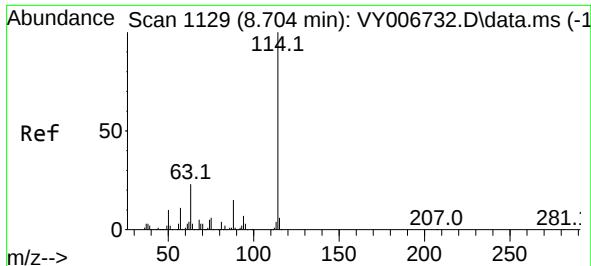
Tgt Ion: 84 Resp: 19
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#



#33
1,2-Dichloroethane-d4
Concen: 92.721 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Tgt Ion: 65 Resp: 1022
Ion Ratio Lower Upper
65 100
67 56.8 0.0 98.2

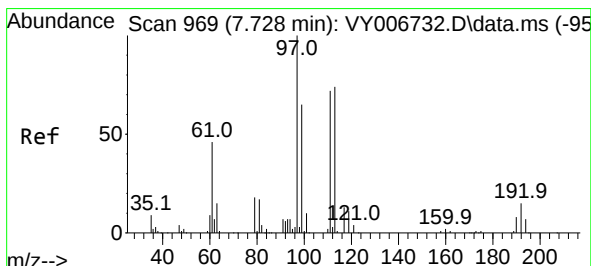
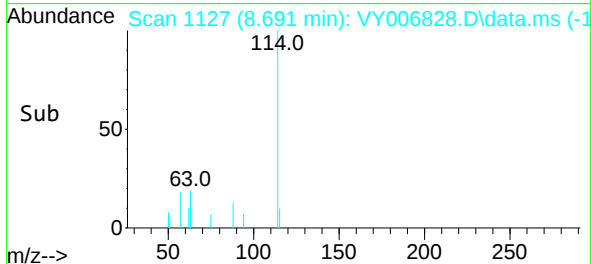
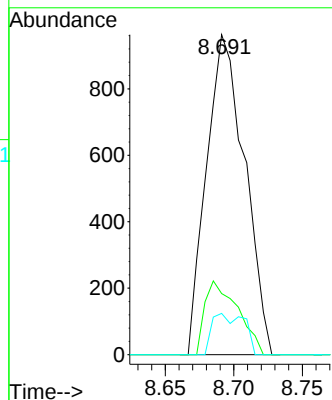
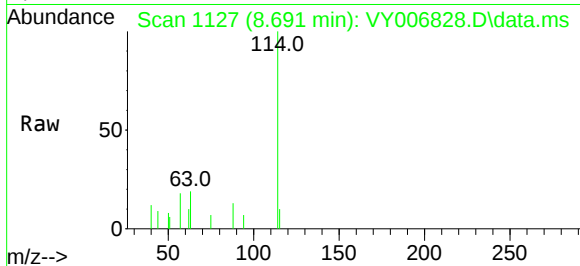




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

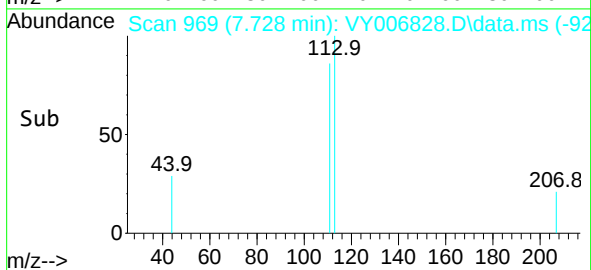
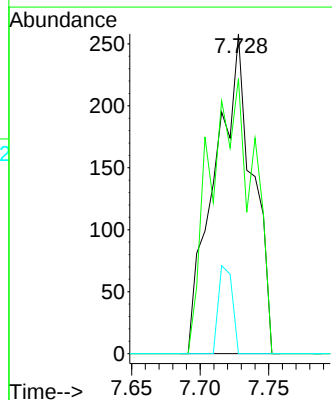
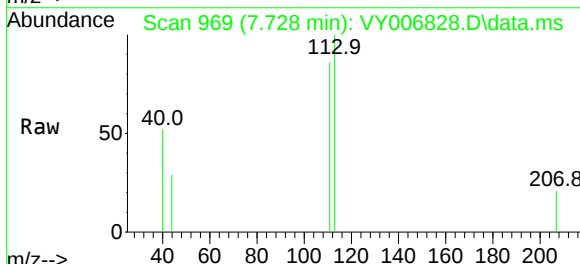
Instrument :
MSVOA_Y
ClientSampleId :

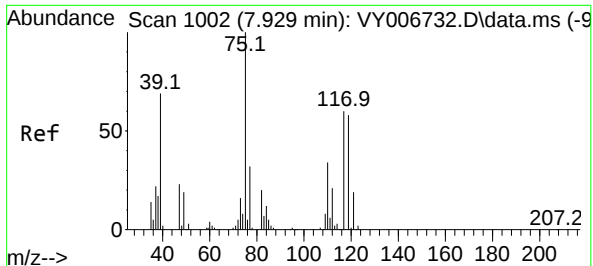
Tgt Ion:114	Resp:	1865
Ion Ratio	Lower	Upper
114	100	
63	19.1	0.0 45.0
88	12.9	0.0 30.6



#35
Dibromofluoromethane
Concen: 43.036 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Tgt Ion:113	Resp:	493
Ion Ratio	Lower	Upper
113	100	
111	99.8	82.3 123.5
192	9.9	17.4 26.2





#36

1,1-Dichloropropene

Concen: 1.135 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.153 min

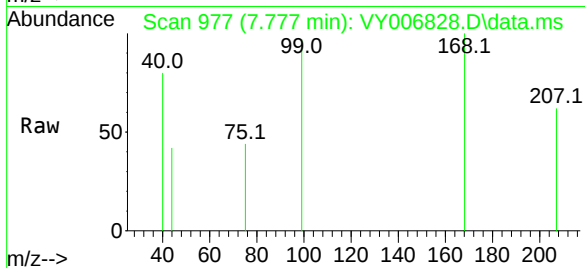
Lab File: VY006828.D

Acq: 19 Nov 2021 14:22

Instrument :

MSVOA_Y

ClientSampleId :



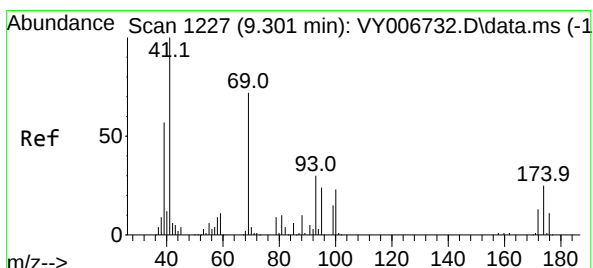
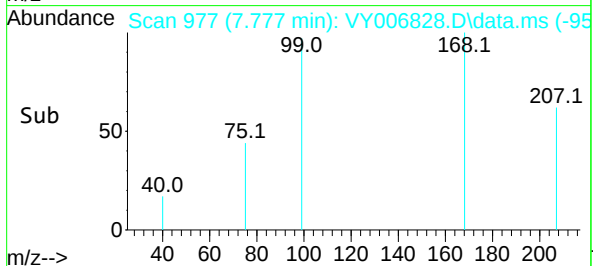
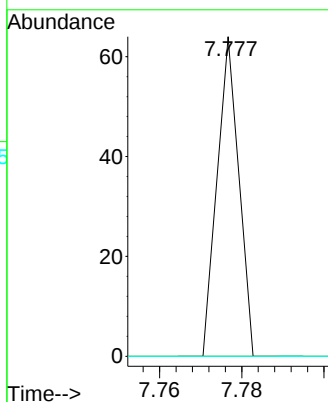
Tgt Ion: 75 Resp: 23

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.3#

77 0.0 24.9 37.3#



#48

Methyl methacrylate

Concen: 1.660 ug/l

RT: 9.374 min Scan# 1239

Delta R.T. 0.073 min

Lab File: VY006828.D

Acq: 19 Nov 2021 14:22

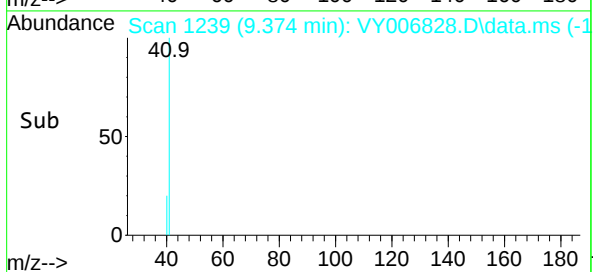
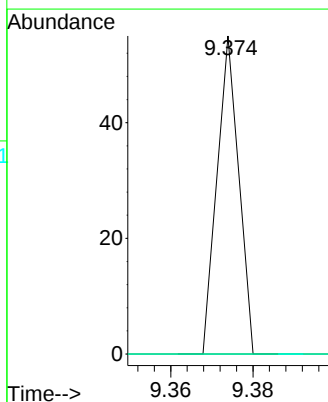
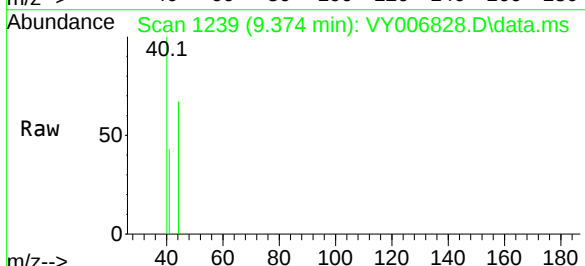
Tgt Ion: 41 Resp: 20

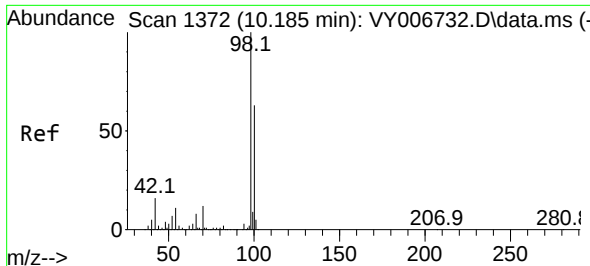
Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 0.0 48.2 72.2#

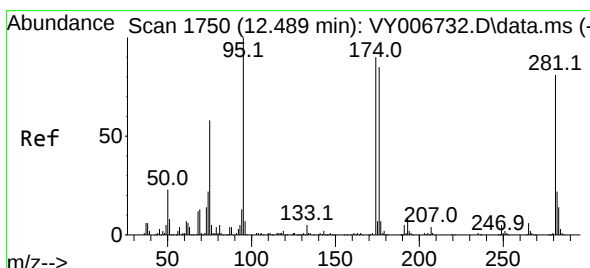
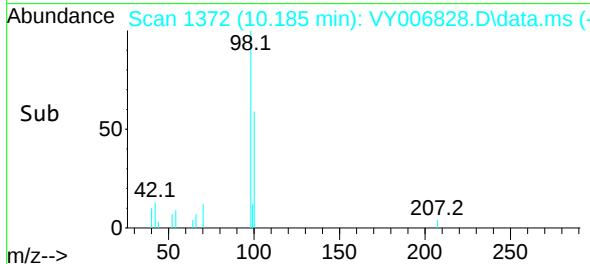
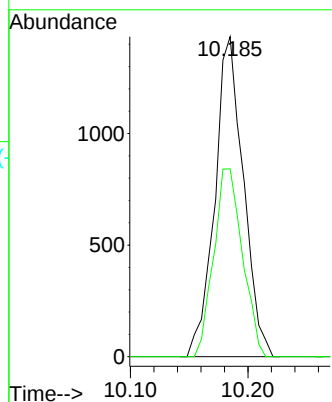
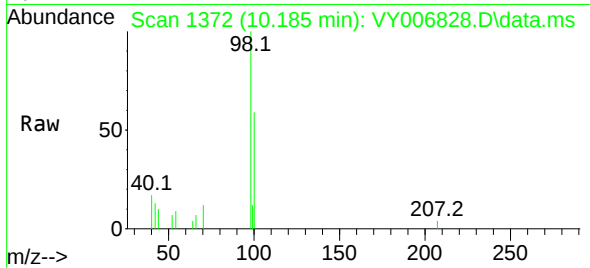




#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

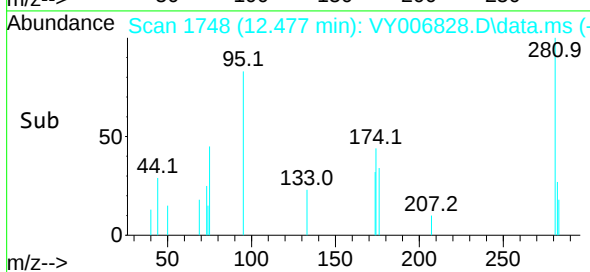
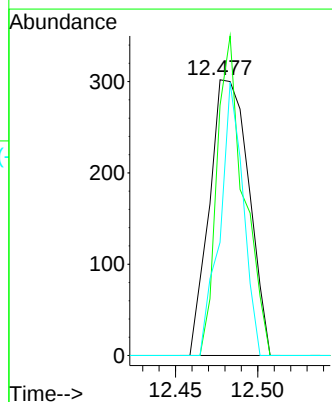
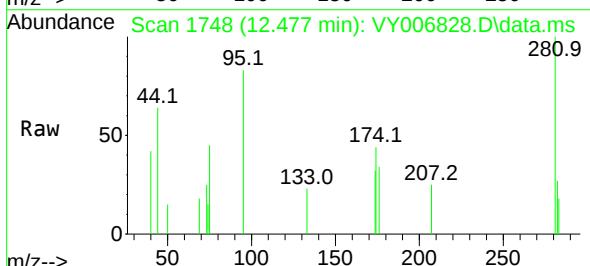
Instrument :
MSVOA_Y
ClientSampleId :

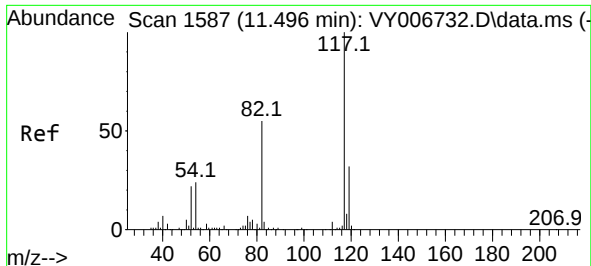
Tgt Ion: 98 Resp: 2420
Ion Ratio Lower Upper
98 100
100 59.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 31.475 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.012 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Tgt Ion: 95 Resp: 503
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 58.4 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

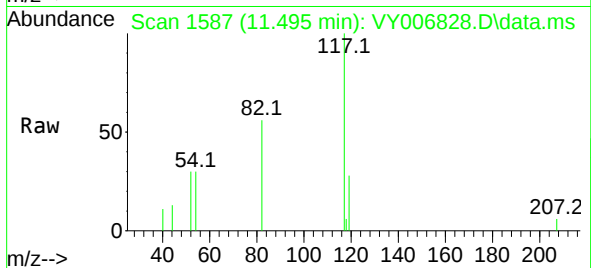
Lab File: VY006828.D

Acq: 19 Nov 2021 14:22

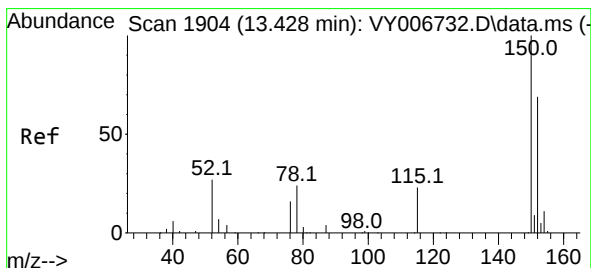
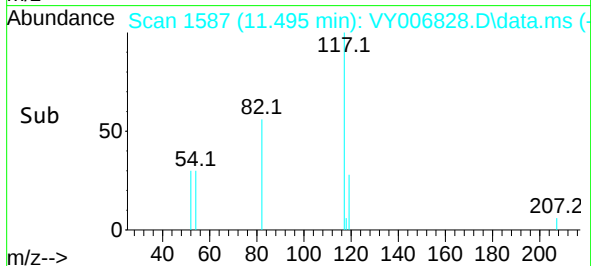
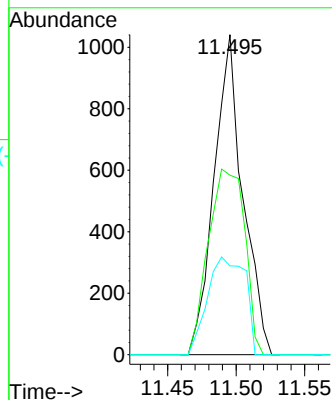
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	1525
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.7	68.5
119	27.8	25.5	38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

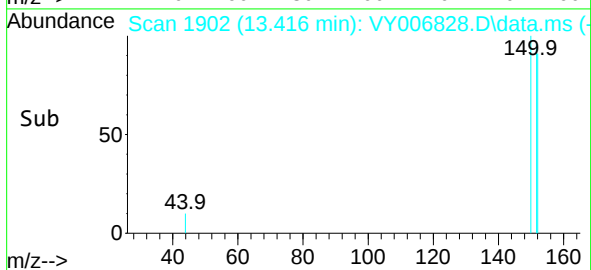
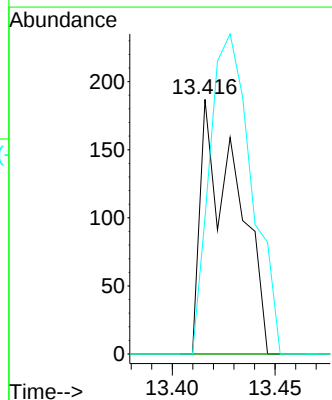
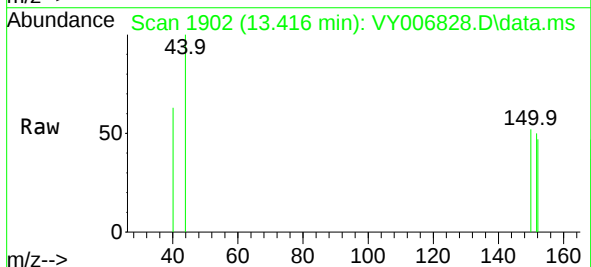
RT: 13.416 min Scan# 1902

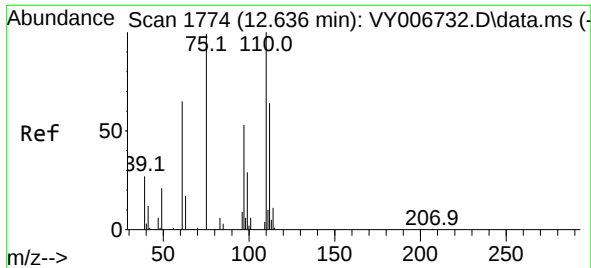
Delta R.T. -0.012 min

Lab File: VY006828.D

Acq: 19 Nov 2021 14:22

Tgt Ion:	152	Resp:	229
Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.5	85.5#
150	146.3	0.0	348.2

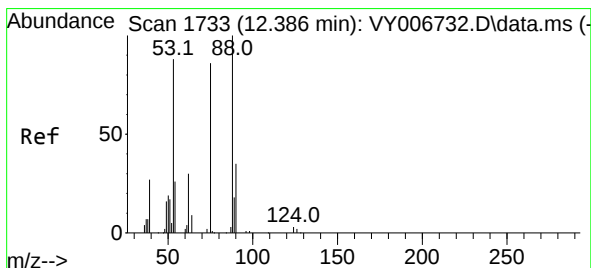
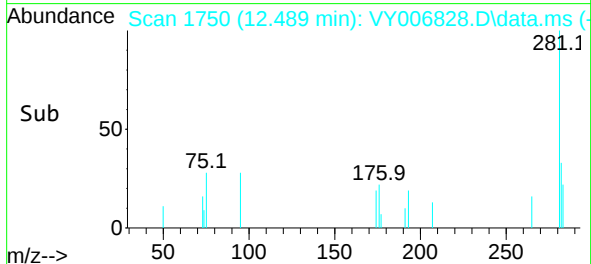
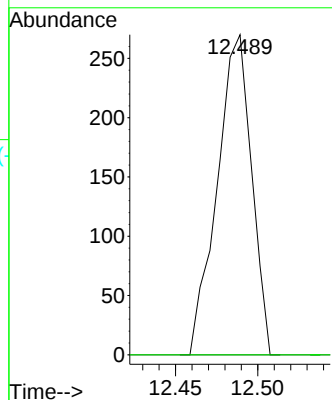
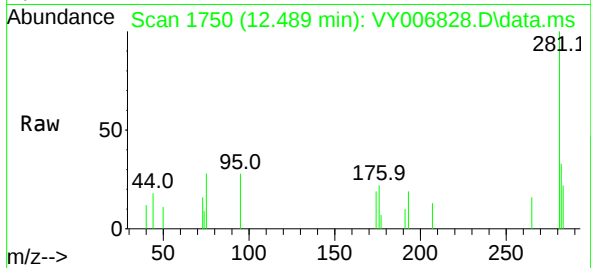




#76
1,2,3-Trichloropropane
Concen: 158.250 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 394
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 313.567 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY006828.D
Acq: 19 Nov 2021 14:22

Tgt Ion: 75 Resp: 394
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

