

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007275.D
 Acq On : 24 Jan 2022 17:45
 Operator : SY/MD
 Sample : N1245-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:34:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

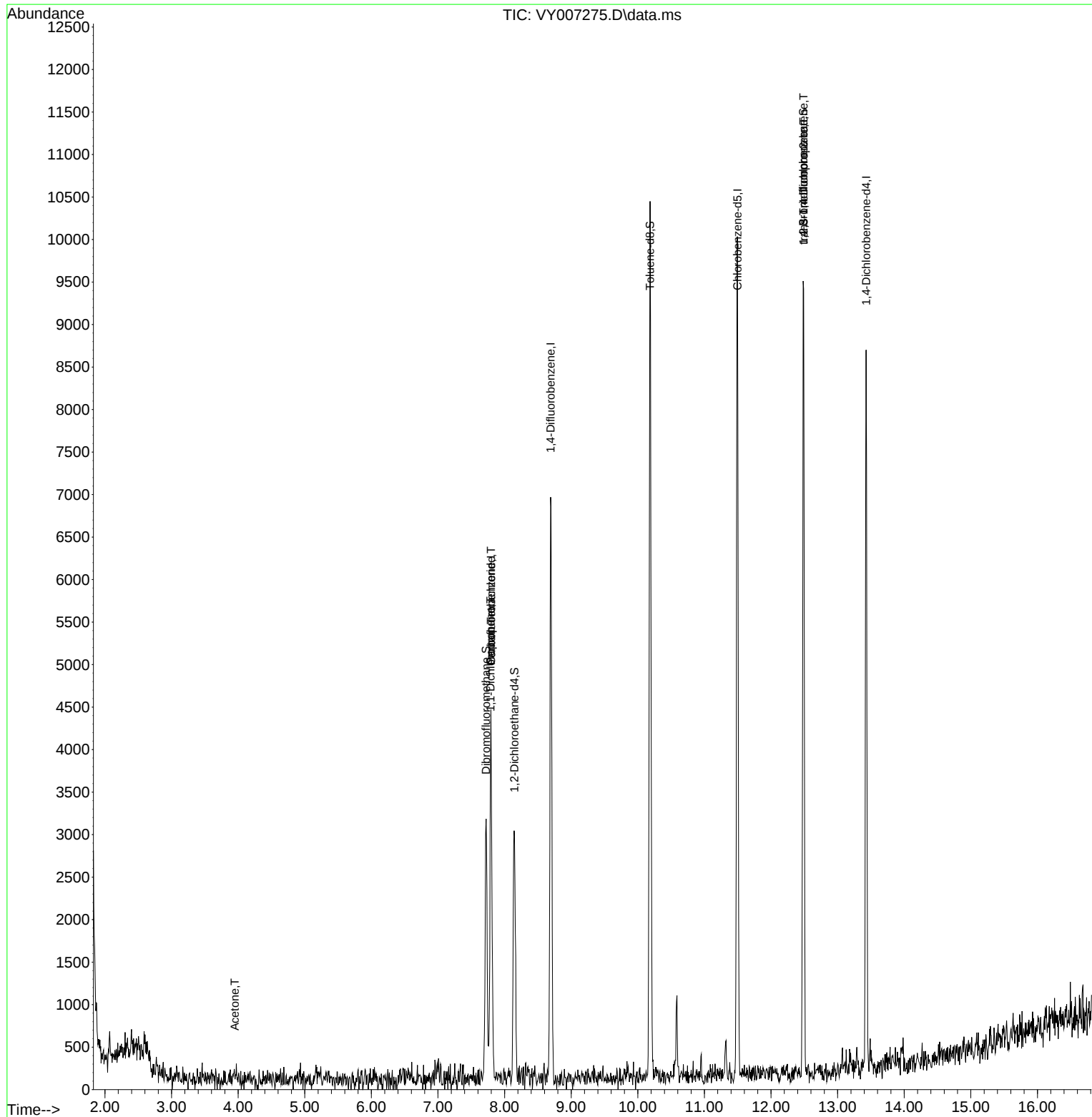
Internal Standards						
1) Pentafluorobenzene	7.795	168	3420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5665	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2337	55.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.380%
35) Dibromofluoromethane	7.722	113	2166	49.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.185	98	7600	47.506	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.483	95	2559	44.968	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.940%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	98	8.999	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	226	3.232	ug/l #	42
38) Carbon Tetrachloride	7.795	117	331	4.500	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	1471	57.643	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	1471	105.529	ug/l #	3

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

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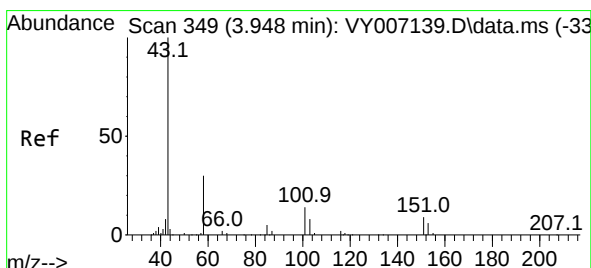
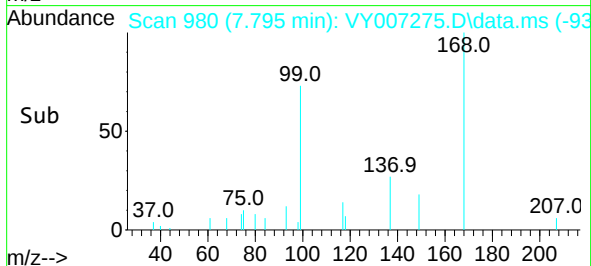
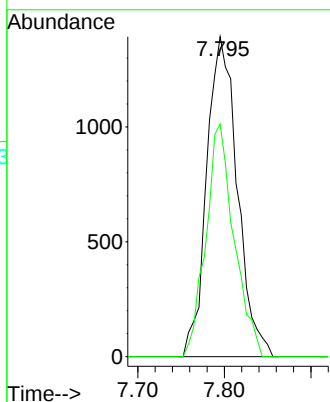
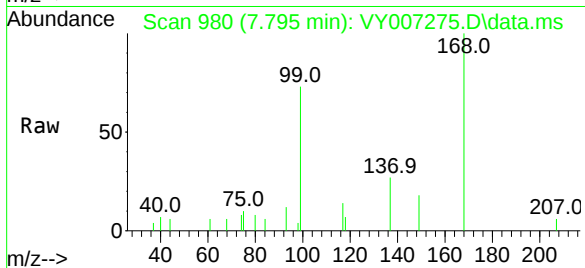




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007275.D
Acq: 24 Jan 2022 17:45

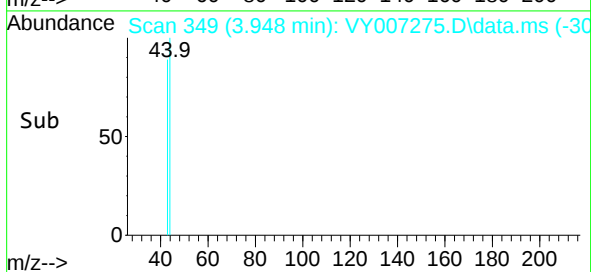
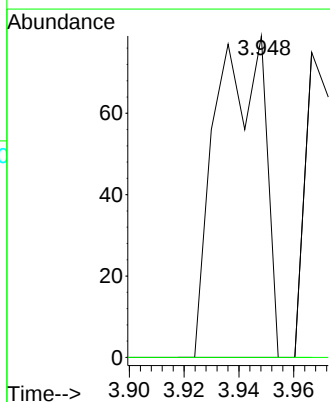
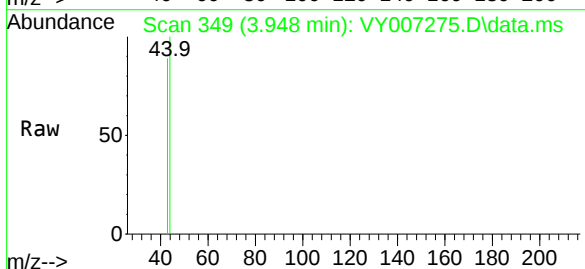
Instrument :
MSVOA_Y
ClientSampleId :

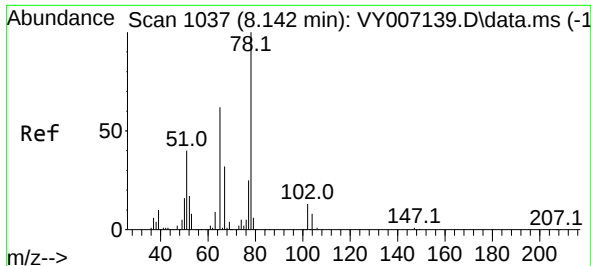
Tgt Ion:168 Resp: 3420
Ion Ratio Lower Upper
168 100
99 72.6 49.1 73.7



#16
Acetone
Concen: 8.999 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007275.D
Acq: 24 Jan 2022 17:45

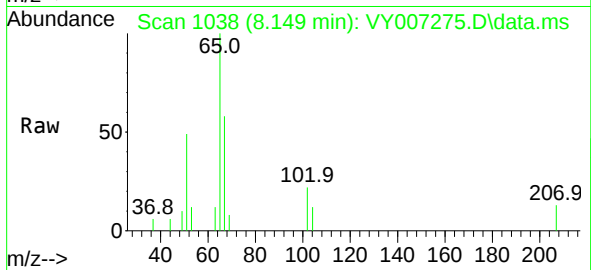
Tgt Ion: 43 Resp: 98
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



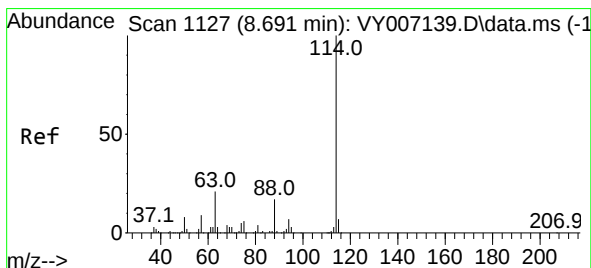
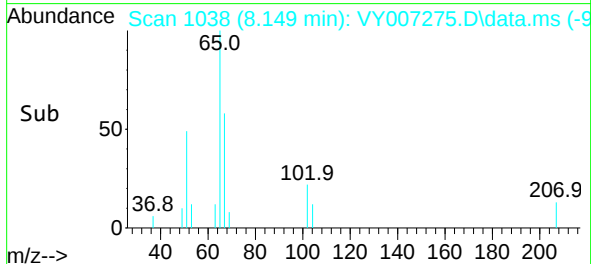
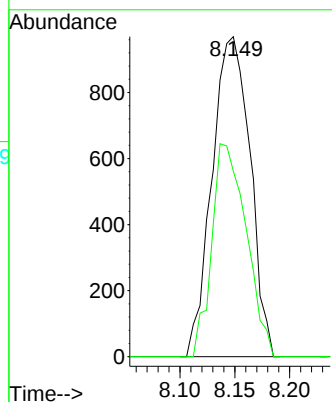


#33
 1,2-Dichloroethane-d4
 Concen: 55.691 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.007 min
 Lab File: VY007275.D
 Acq: 24 Jan 2022 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :

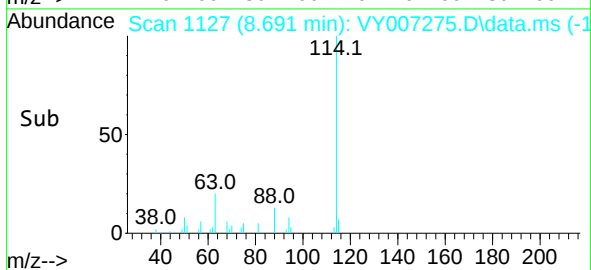
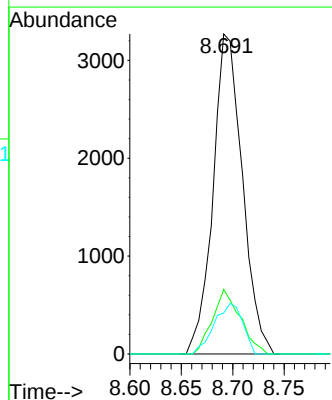
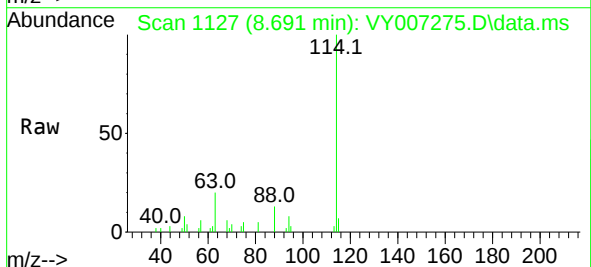


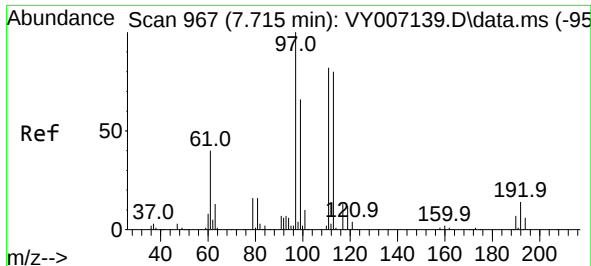
Tgt Ion: 65 Resp: 2337
 Ion Ratio Lower Upper
 65 100
 67 60.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007275.D
 Acq: 24 Jan 2022 17:45

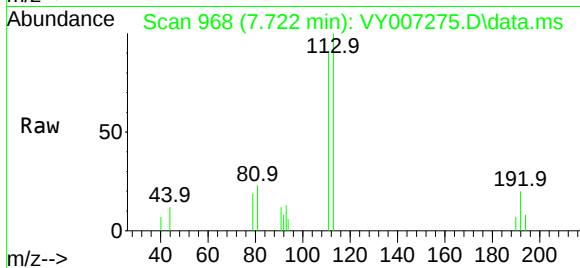
Tgt Ion: 114 Resp: 6475
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 12.8 0.0 31.0



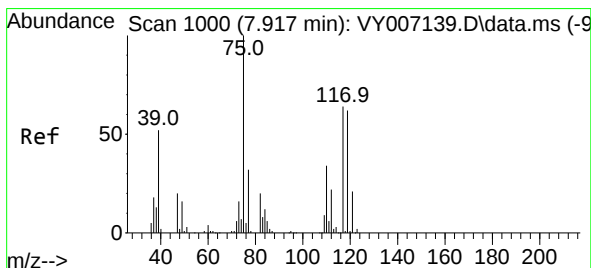
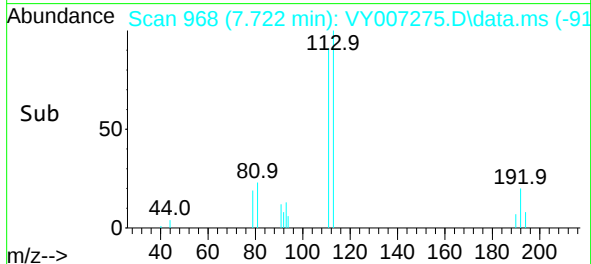
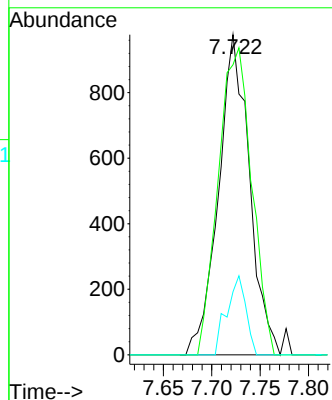


#35
Dibromofluoromethane
Concen: 49.471 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY007275.D
Acq: 24 Jan 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :

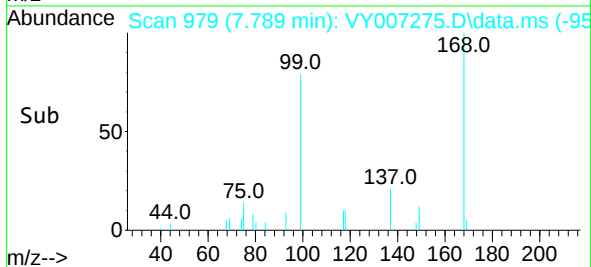
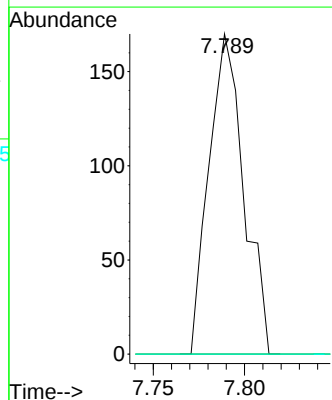
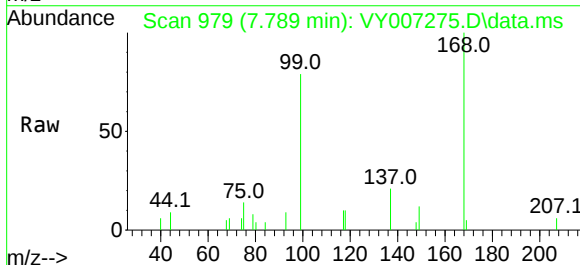


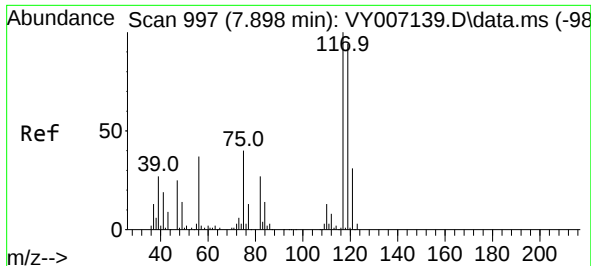
Tgt Ion:113 Resp: 2166
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 15.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 3.232 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007275.D
Acq: 24 Jan 2022 17:45

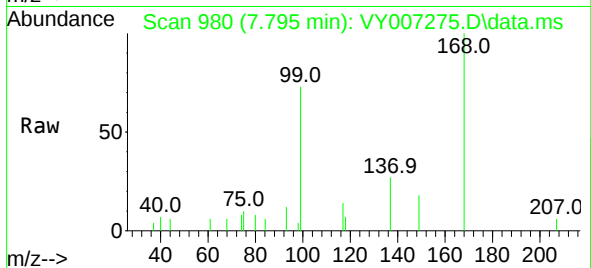
Tgt Ion: 75 Resp: 226
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#



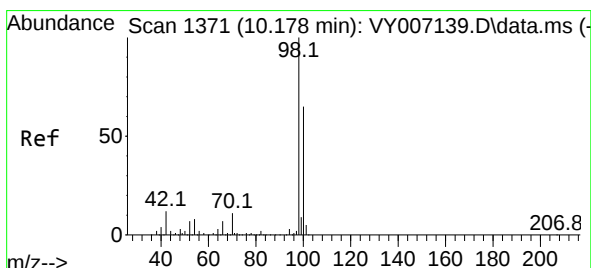
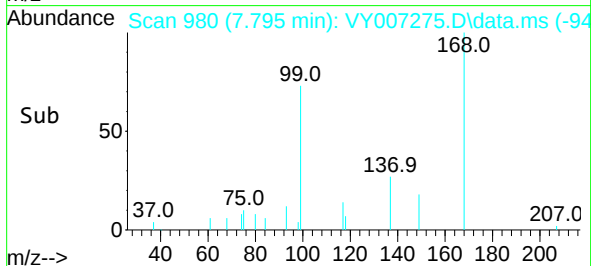
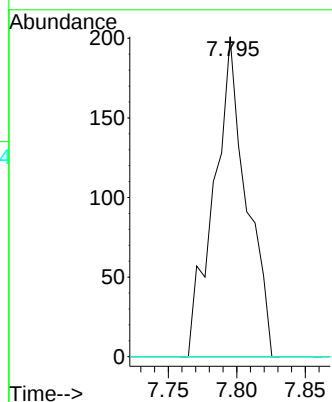


#38
Carbon Tetrachloride
Concen: 4.500 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY007275.D
Acq: 24 Jan 2022 17:45

Instrument :
MSVOA_Y
ClientSampleId :

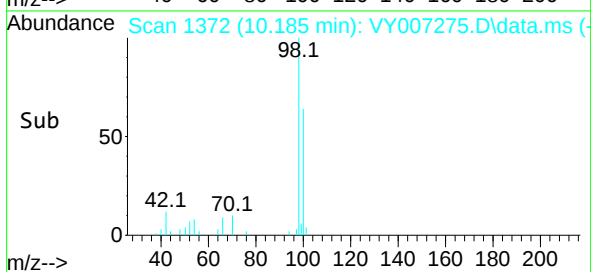
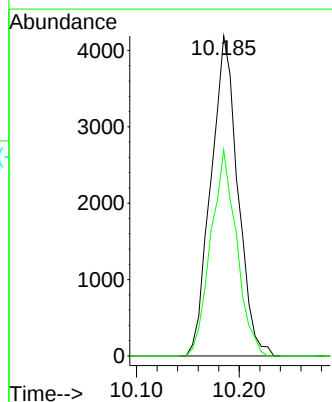
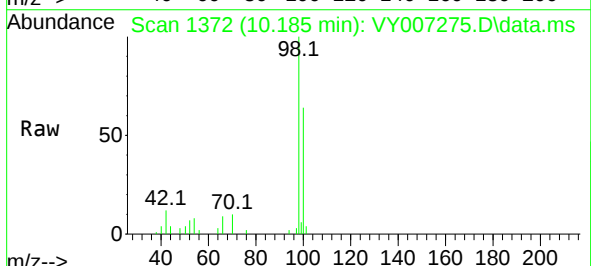


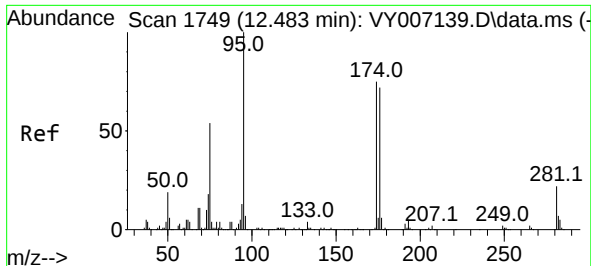
Tgt Ion:117 Resp: 331
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.506 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007275.D
Acq: 24 Jan 2022 17:45

Tgt Ion: 98 Resp: 7600
Ion Ratio Lower Upper
98 100
100 62.0 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 44.968 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007275.D

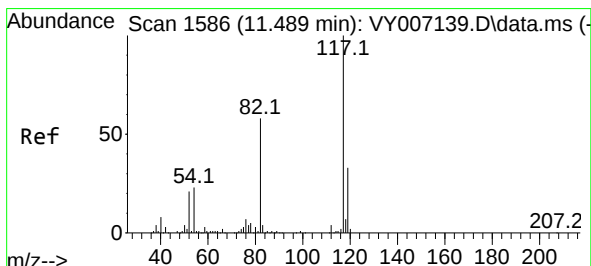
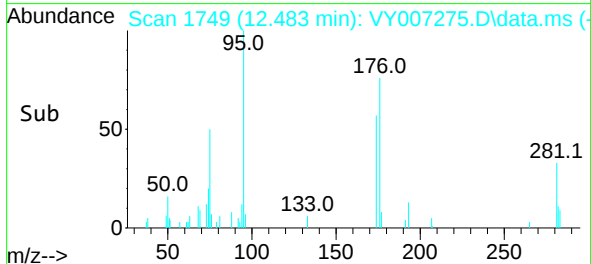
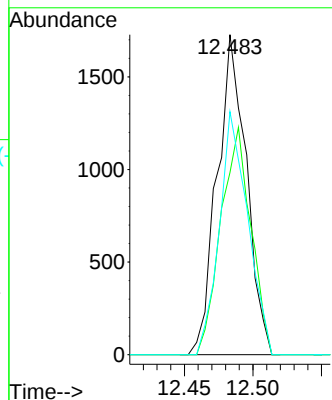
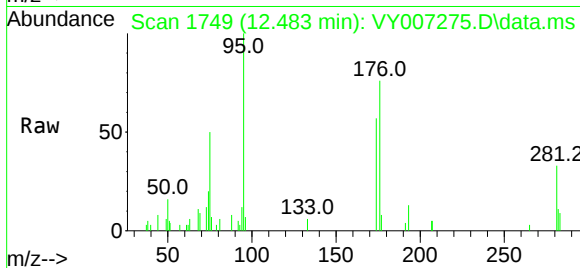
Acq: 24 Jan 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	2559
Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	148.4
176	73.9	0.0	146.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

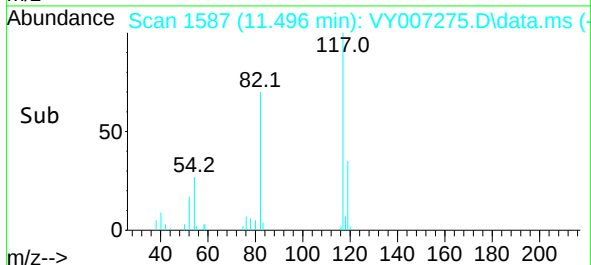
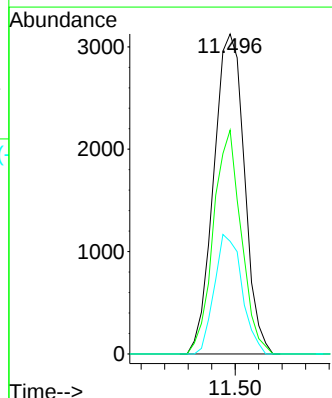
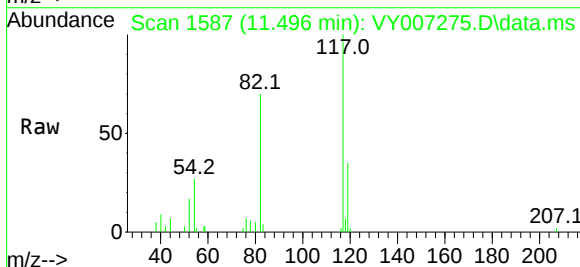
RT: 11.496 min Scan# 1587

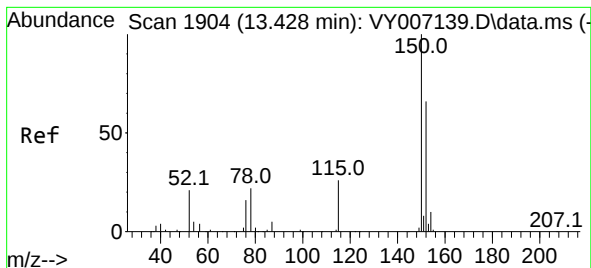
Delta R.T. 0.007 min

Lab File: VY007275.D

Acq: 24 Jan 2022 17:45

Tgt Ion:	117	Resp:	5665
Ion	Ratio	Lower	Upper
117	100		
82	69.9	45.4	68.0#
119	35.2	26.4	39.6

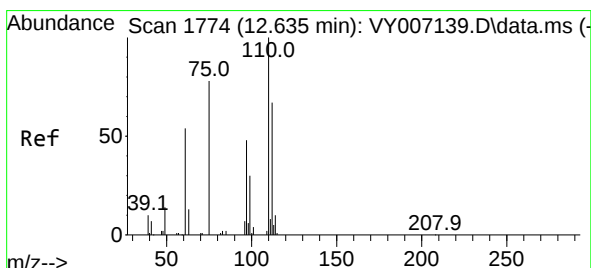
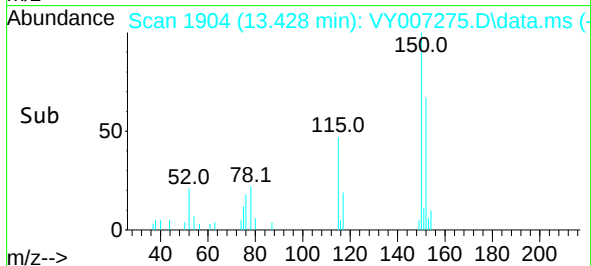
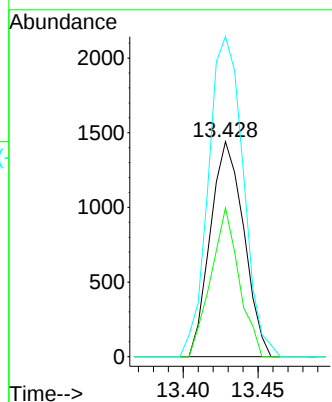
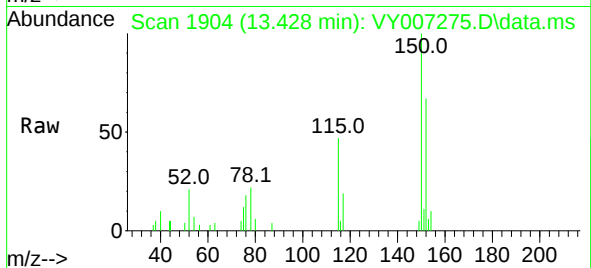




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007275.D
 Acq: 24 Jan 2022 17:45

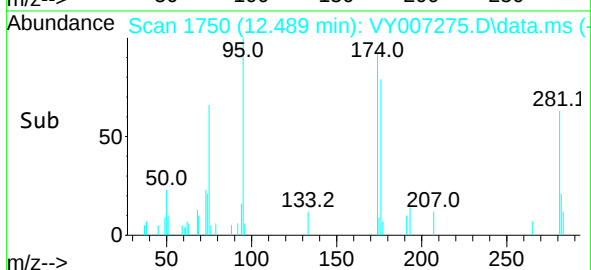
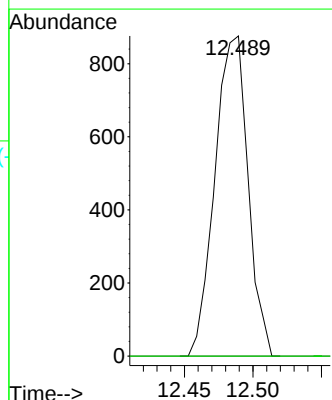
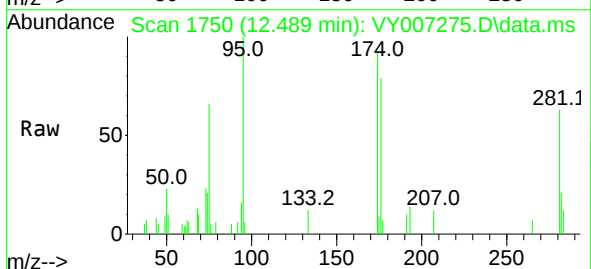
Instrument :
 MSVOA_Y
 ClientSampleId :

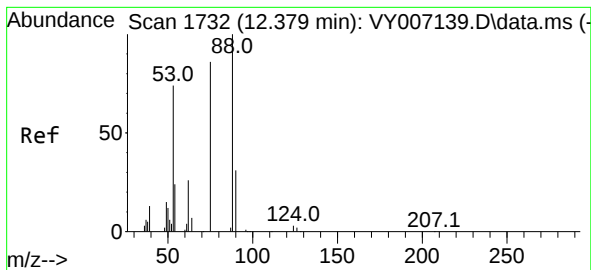
Tgt Ion:152 Resp: 2238
 Ion Ratio Lower Upper
 152 100
 115 58.2 31.4 94.0
 150 155.6 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 57.643 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY007275.D
 Acq: 24 Jan 2022 17:45

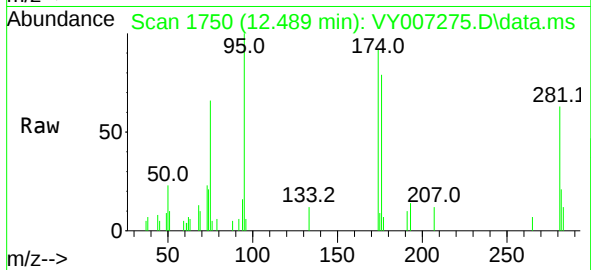
Tgt Ion: 75 Resp: 1471
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.529 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY007275.D
 Acq: 24 Jan 2022 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1471
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.0 0.0 0.0

