

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007295.D
 Acq On : 25 Jan 2022 17:15
 Operator : SY/MD
 Sample : N1266-05
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 03:57:59 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)

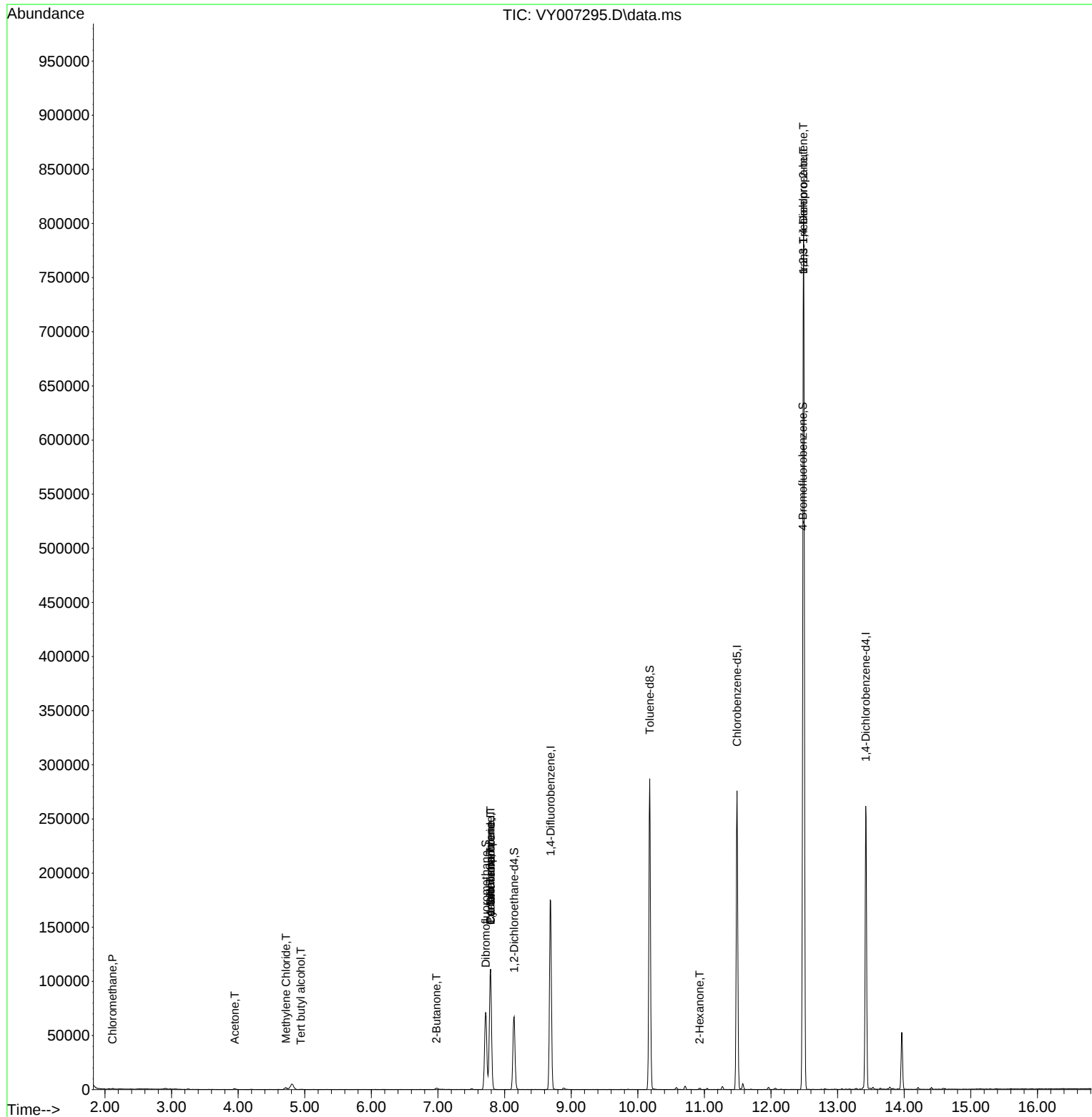
Internal Standards						
1) Pentafluorobenzene	7.789	168	82455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53370	52.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.500%	
35) Dibromofluoromethane	7.716	113	51195	49.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.640%	
50) Toluene-d8	10.179	98	186560	49.684	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.477	95	69173	51.789	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	684	1.128	ug/l #	85
11) Tert butyl alcohol	4.942	59	620	2.421	ug/l #	73
16) Acetone	3.948	43	1385	5.275	ug/l	99
20) Methylene Chloride	4.716	84	1413	1.301	ug/l #	95
25) 2-Butanone	6.978	43	388	1.143	ug/l #	47
31) Cyclohexane	7.789	56	2032	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7173	4.370	ug/l #	50
38) Carbon Tetrachloride	7.789	117	8812	5.104	ug/l #	16
59) 2-Hexanone	10.929	43	865	1.534	ug/l #	23
76) 1,2,3-Trichloropropane	12.483	75	42836	58.823	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42836	107.689	ug/l #	3

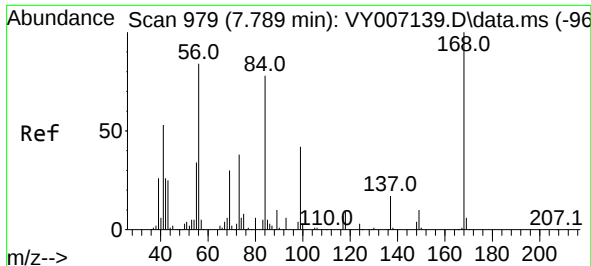
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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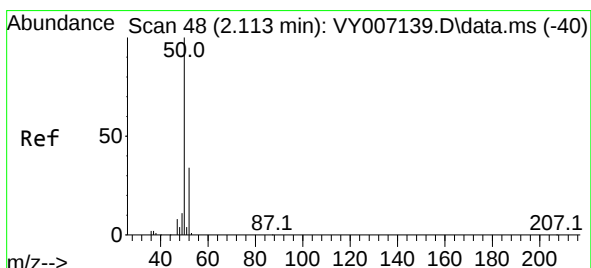
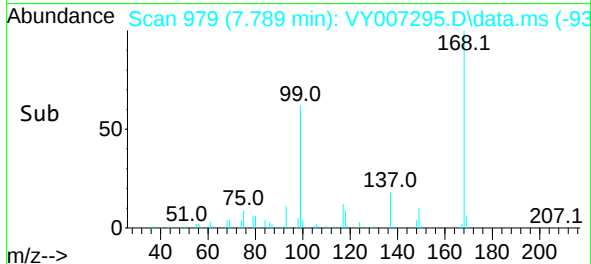
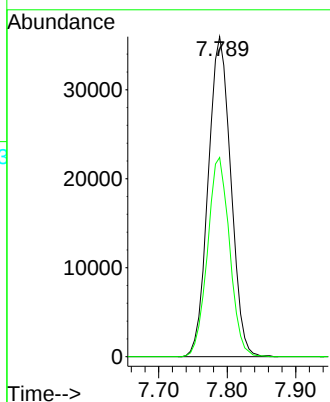
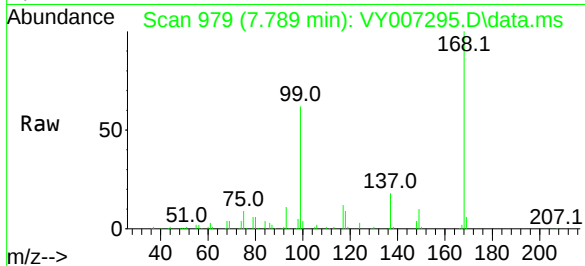




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

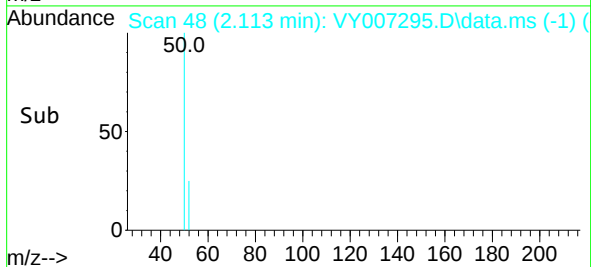
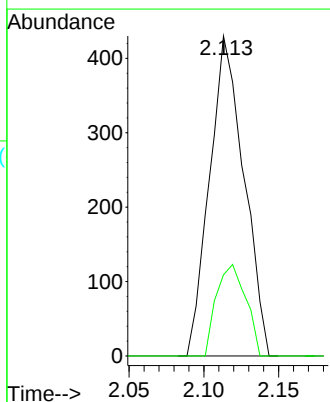
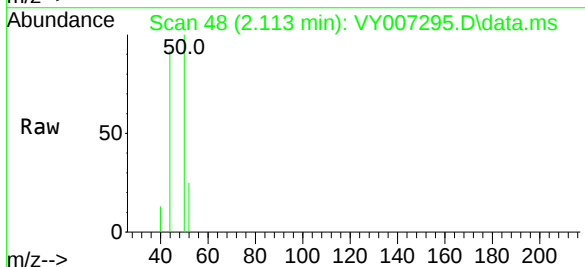
Instrument :
MSVOA_Y
ClientSampleId :

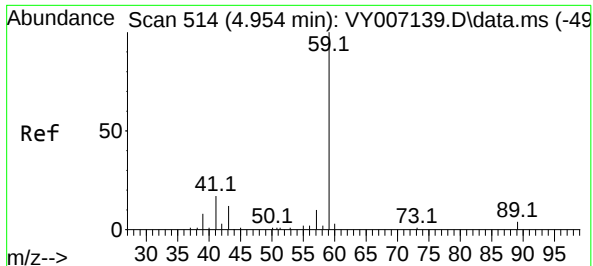
Tgt Ion:168 Resp: 82455
Ion Ratio Lower Upper
168 100
99 62.3 49.1 73.7



#3
Chloromethane
Concen: 1.128 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

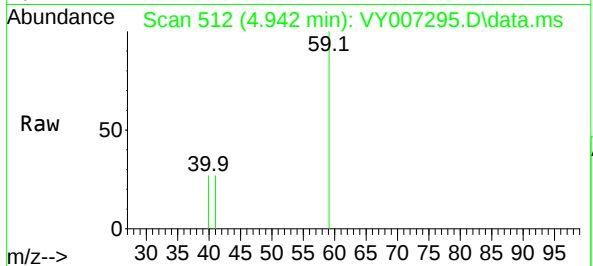
Tgt Ion: 50 Resp: 684
Ion Ratio Lower Upper
50 100
52 25.3 27.1 40.7#



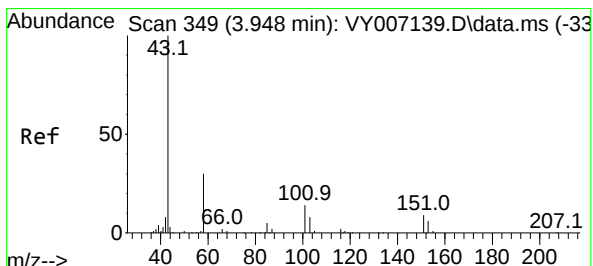
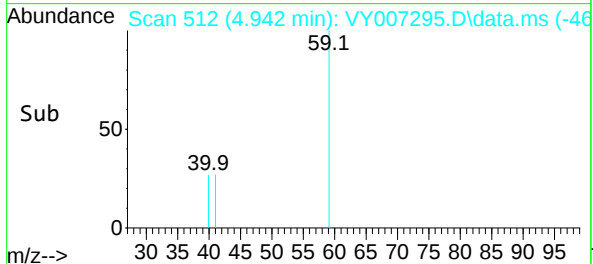
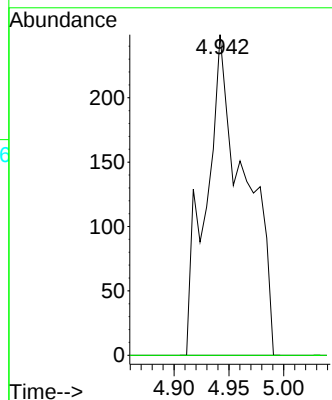


#11
Tert butyl alcohol
Concen: 2.421 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :

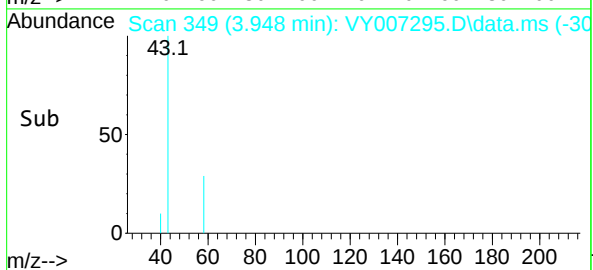
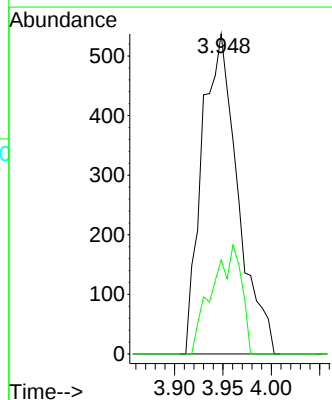
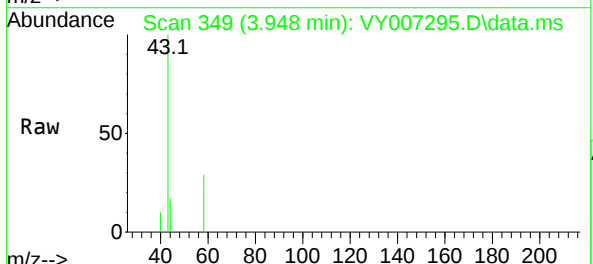


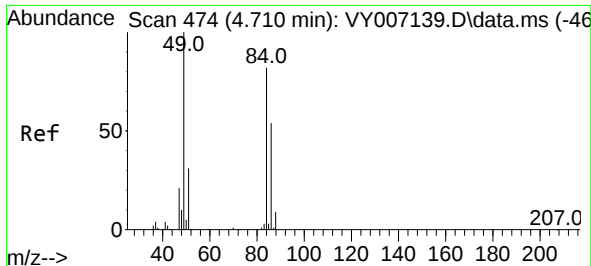
Tgt Ion: 59 Resp: 620
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 5.275 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.6





#20

Methylene Chloride

Concen: 1.301 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

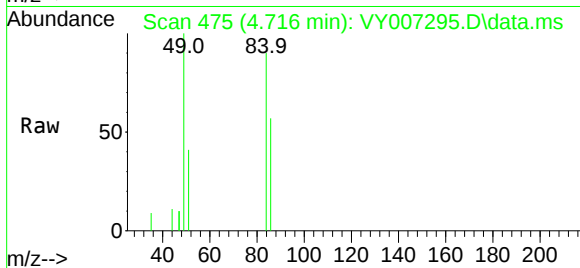
Lab File: VY007295.D

Acq: 25 Jan 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1413

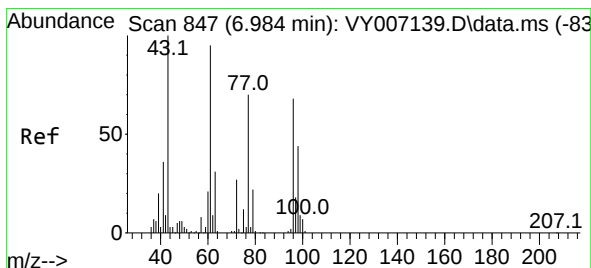
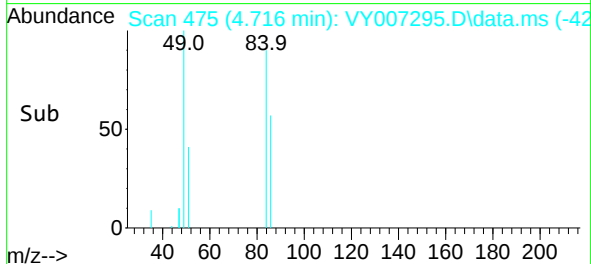
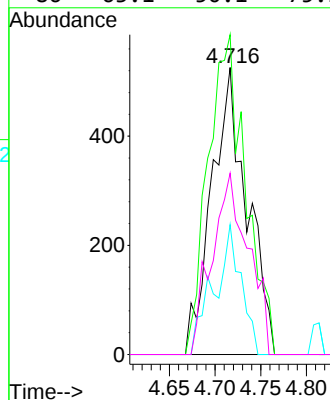
Ion Ratio Lower Upper

84 100

49 111.4 92.6 139.0

51 45.2 28.6 42.8#

86 63.1 50.1 75.1



#25

2-Butanone

Concen: 1.143 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY007295.D

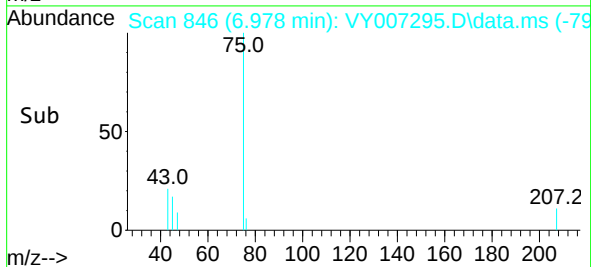
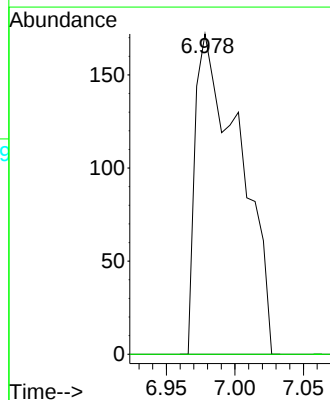
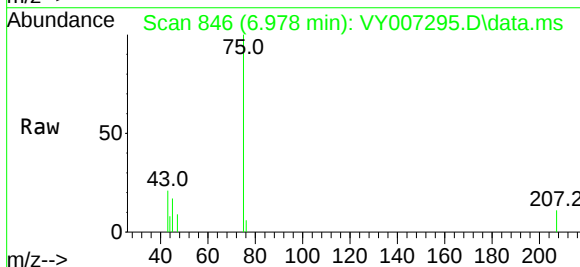
Acq: 25 Jan 2022 17:15

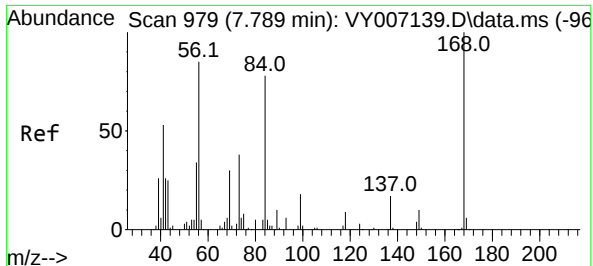
Tgt Ion: 43 Resp: 388

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#

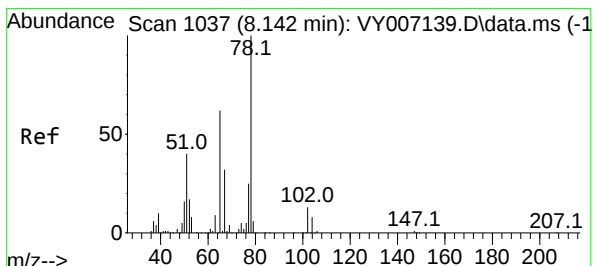
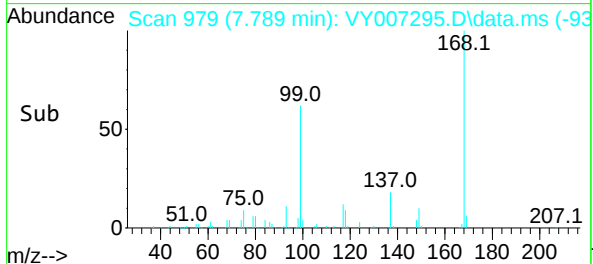
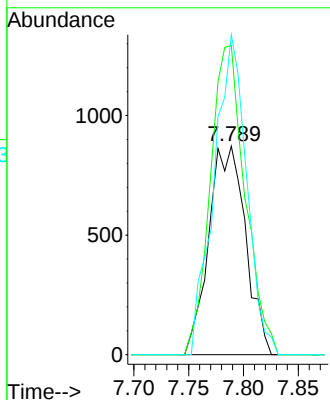
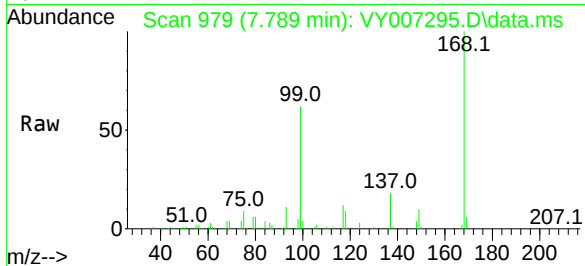




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

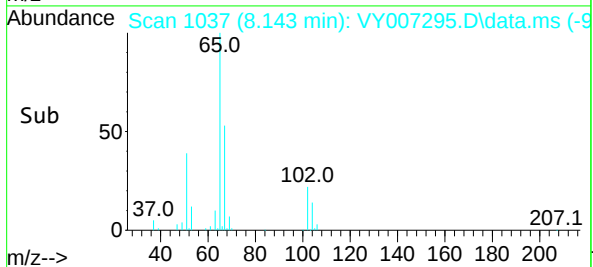
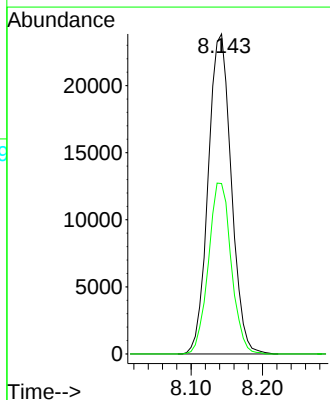
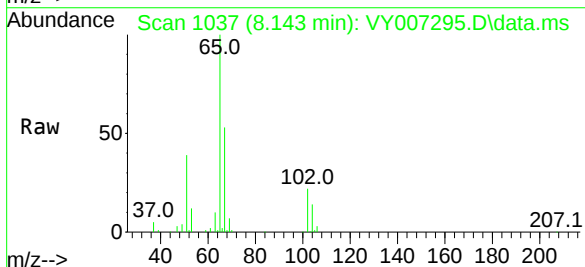
Instrument :
MSVOA_Y
ClientSampleId :

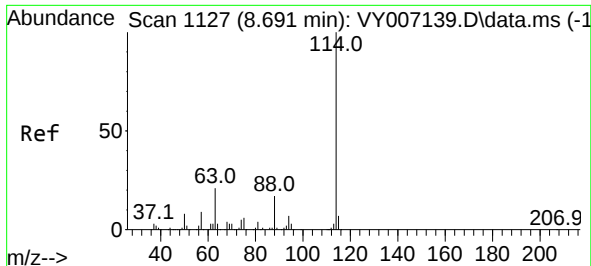
Tgt Ion: 56 Resp: 2032
Ion Ratio Lower Upper
56 100
69 148.3 27.2 40.8#
84 153.4 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 52.751 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

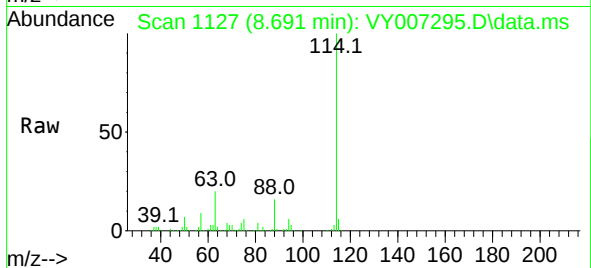
Tgt Ion: 65 Resp: 53370
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.6



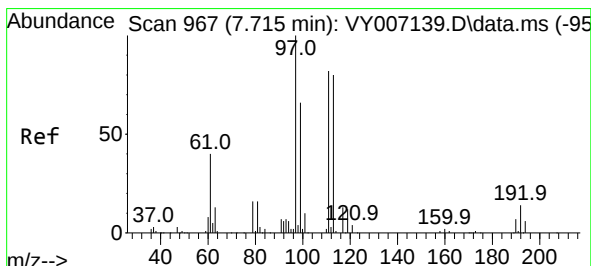
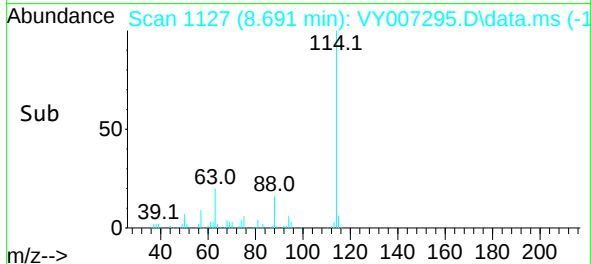
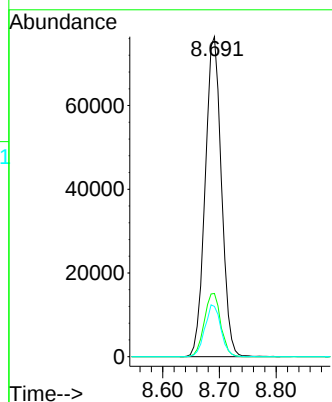


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :

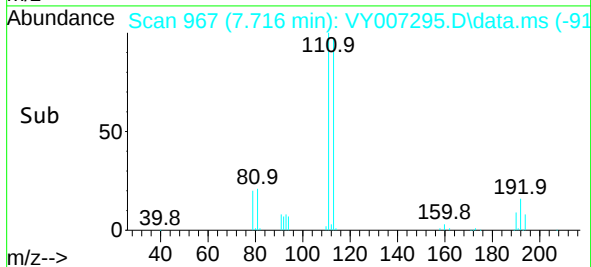
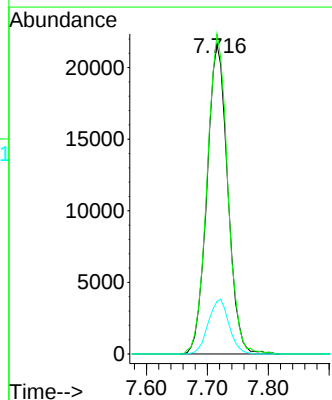
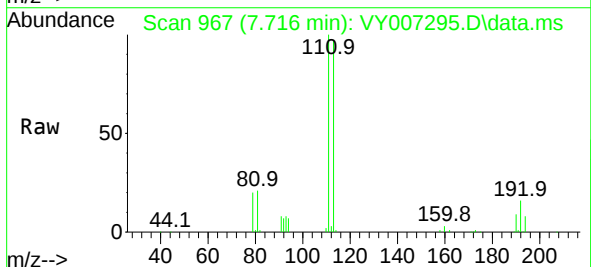


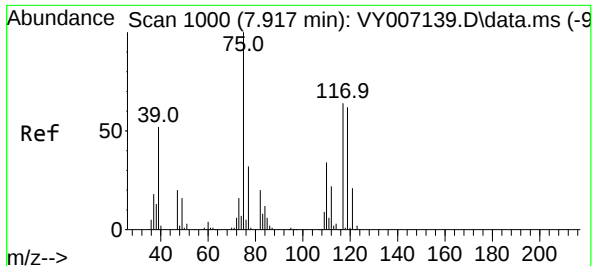
Tgt Ion:114 Resp: 151975
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.818 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

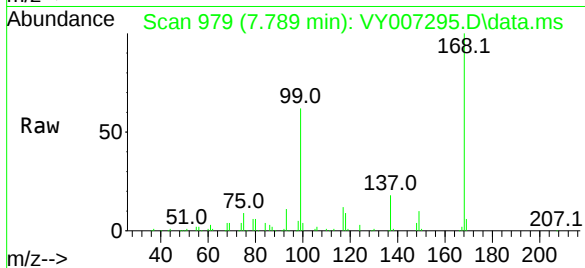
Tgt Ion:113 Resp: 51195
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.6 14.2 21.4



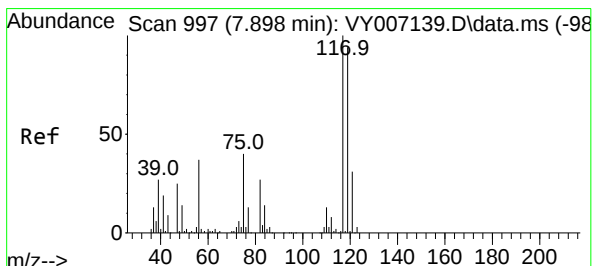
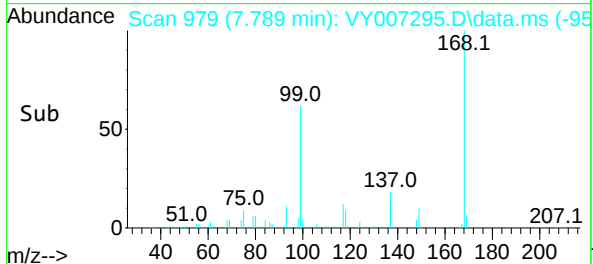
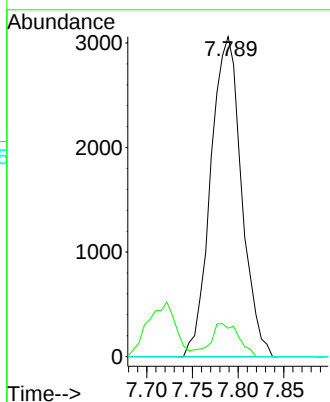


#36
 1,1-Dichloropropene
 Concen: 4.370 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007295.D
 Acq: 25 Jan 2022 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :

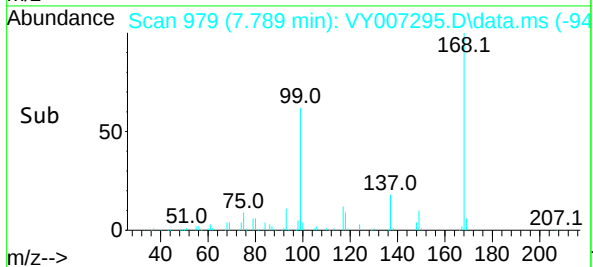
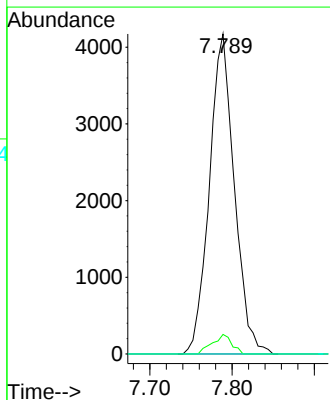
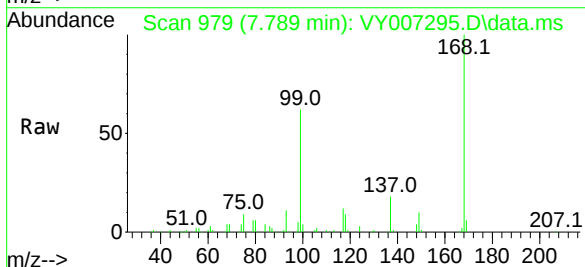


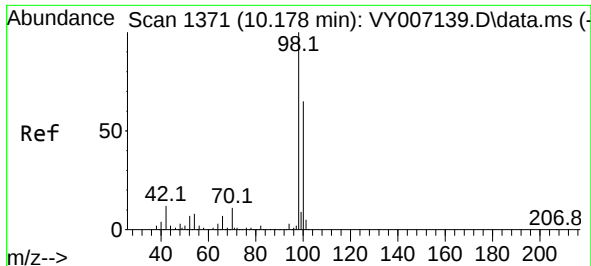
Tgt Ion: 75 Resp: 7173
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.3 51.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.104 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.109 min
 Lab File: VY007295.D
 Acq: 25 Jan 2022 17:15

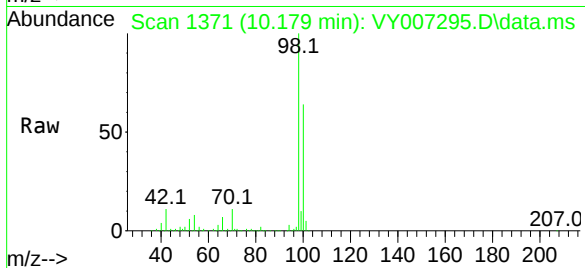
Tgt Ion: 117 Resp: 8812
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.2 115.8#
 121 0.0 24.2 36.2#



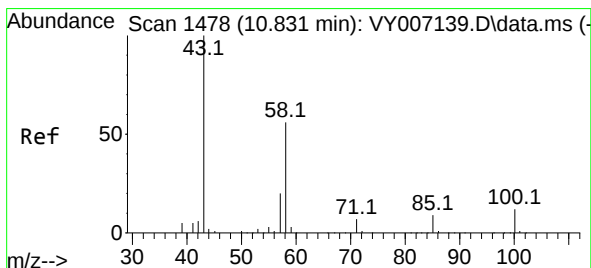
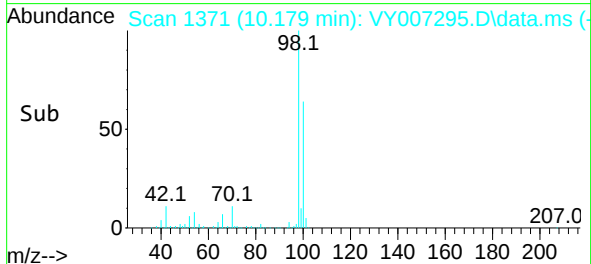
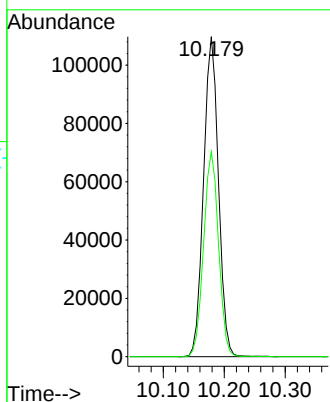


#50
Toluene-d8
Concen: 49.684 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :

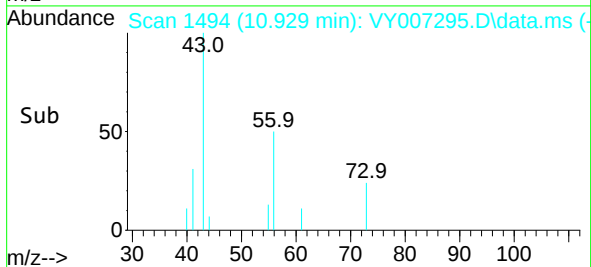
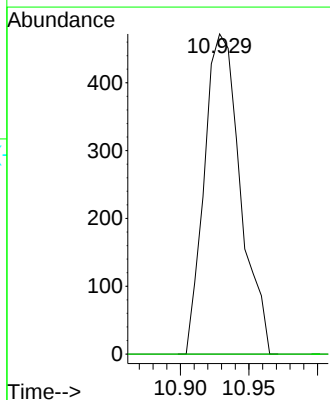
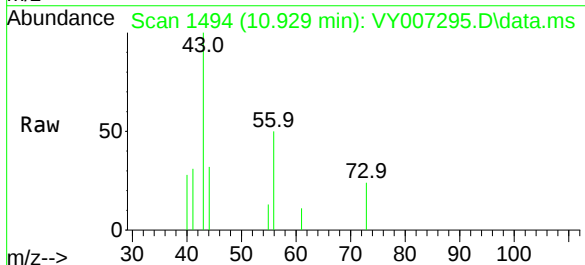


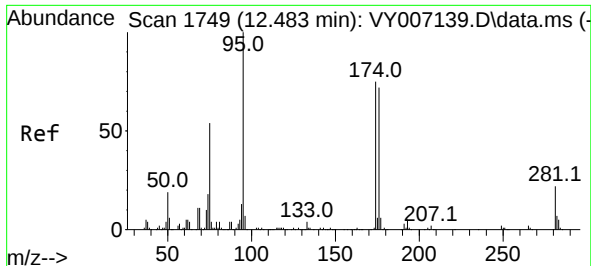
Tgt Ion: 98 Resp: 186560
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2



#59
2-Hexanone
Concen: 1.534 ug/l
RT: 10.929 min Scan# 1494
Delta R.T. 0.098 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

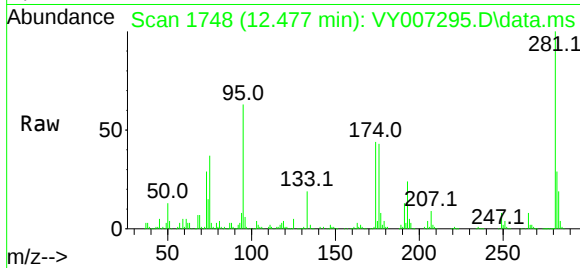
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



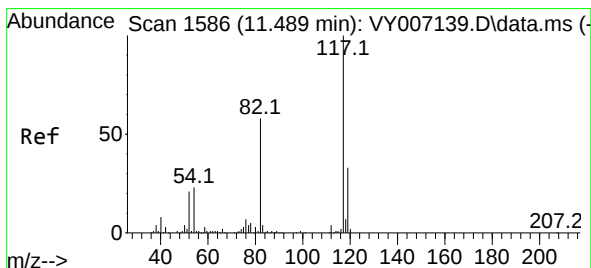
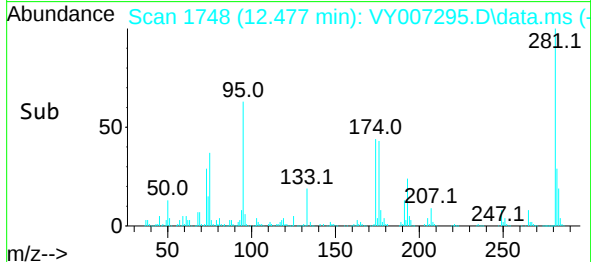
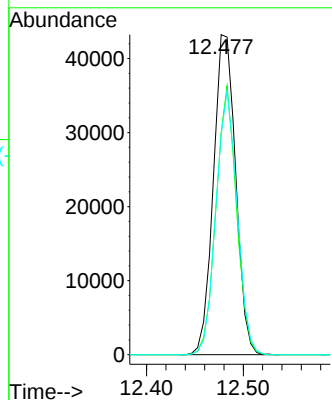


#62
4-Bromofluorobenzene
Concen: 51.789 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :

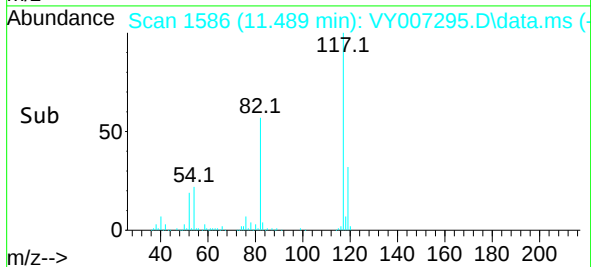
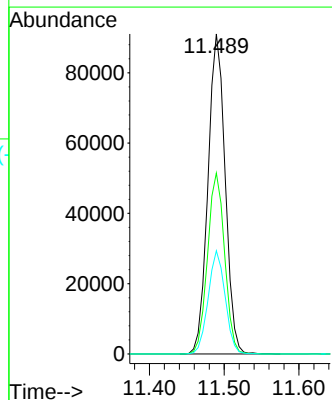
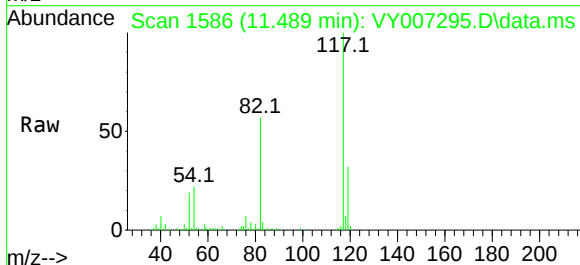


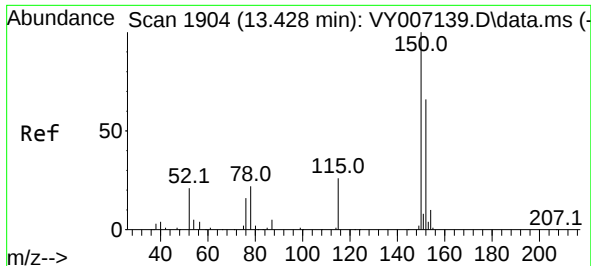
Tgt Ion: 95 Resp: 69173
Ion Ratio Lower Upper
95 100
174 77.0 0.0 148.4
176 78.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007295.D
Acq: 25 Jan 2022 17:15

Tgt Ion: 117 Resp: 145268
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.3 26.4 39.6

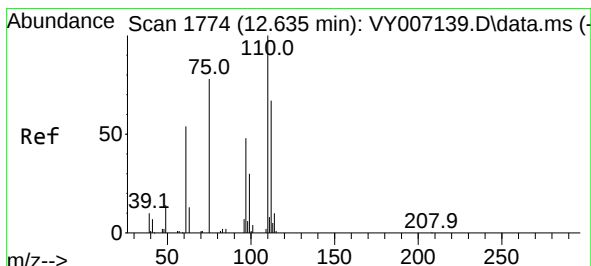
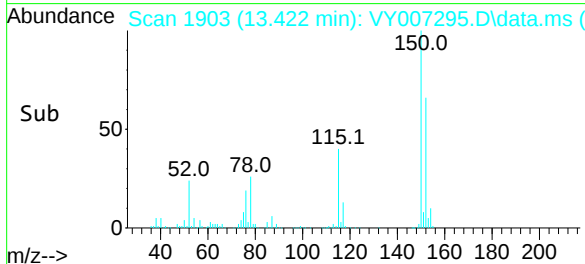
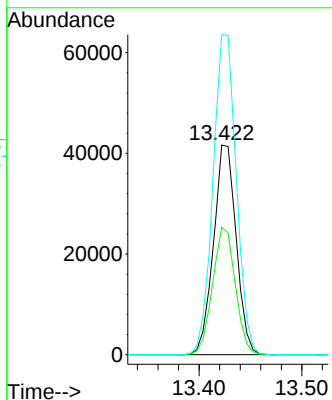
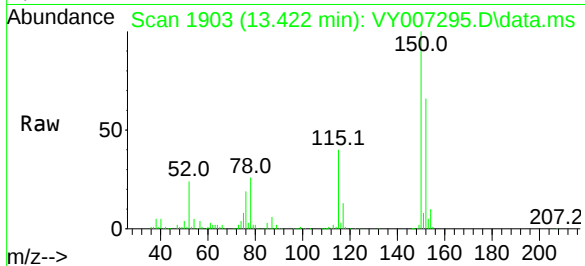




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY007295.D
 Acq: 25 Jan 2022 17:15

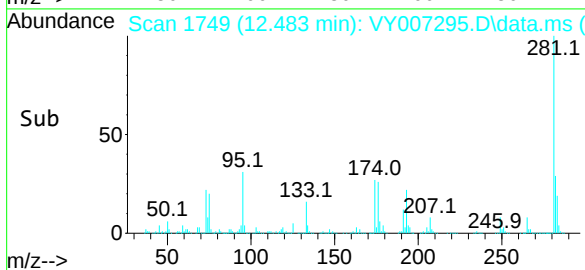
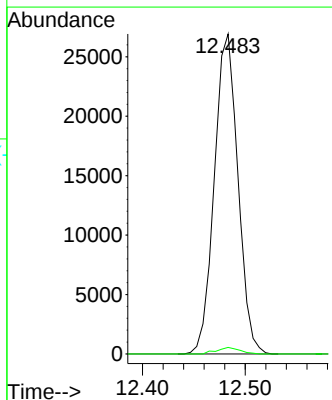
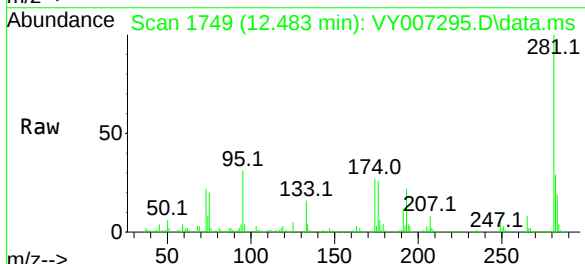
Instrument :
 MSVOA_Y
 ClientSampleId :

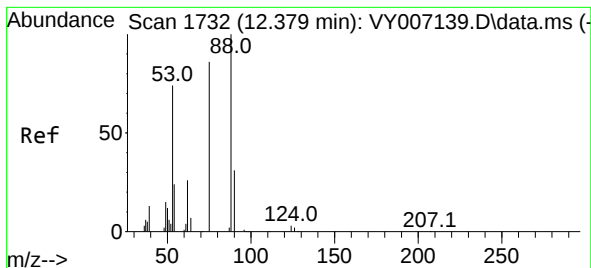
Tgt Ion:152 Resp: 63864
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.4 94.0
 150 156.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 58.823 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007295.D
 Acq: 25 Jan 2022 17:15

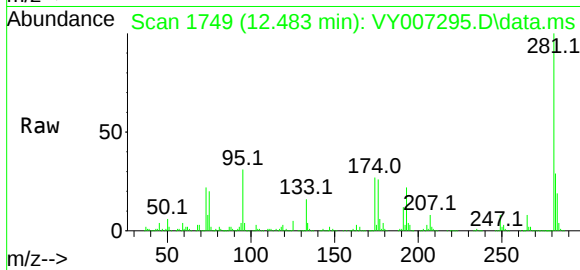
Tgt Ion: 75 Resp: 42836
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.689 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007295.D
 Acq: 25 Jan 2022 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 42836
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 5.5 0.0 0.0#

