

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007281.D
 Acq On : 24 Jan 2022 20:06
 Operator : SY/MD
 Sample : N1245-08
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:35:19 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)

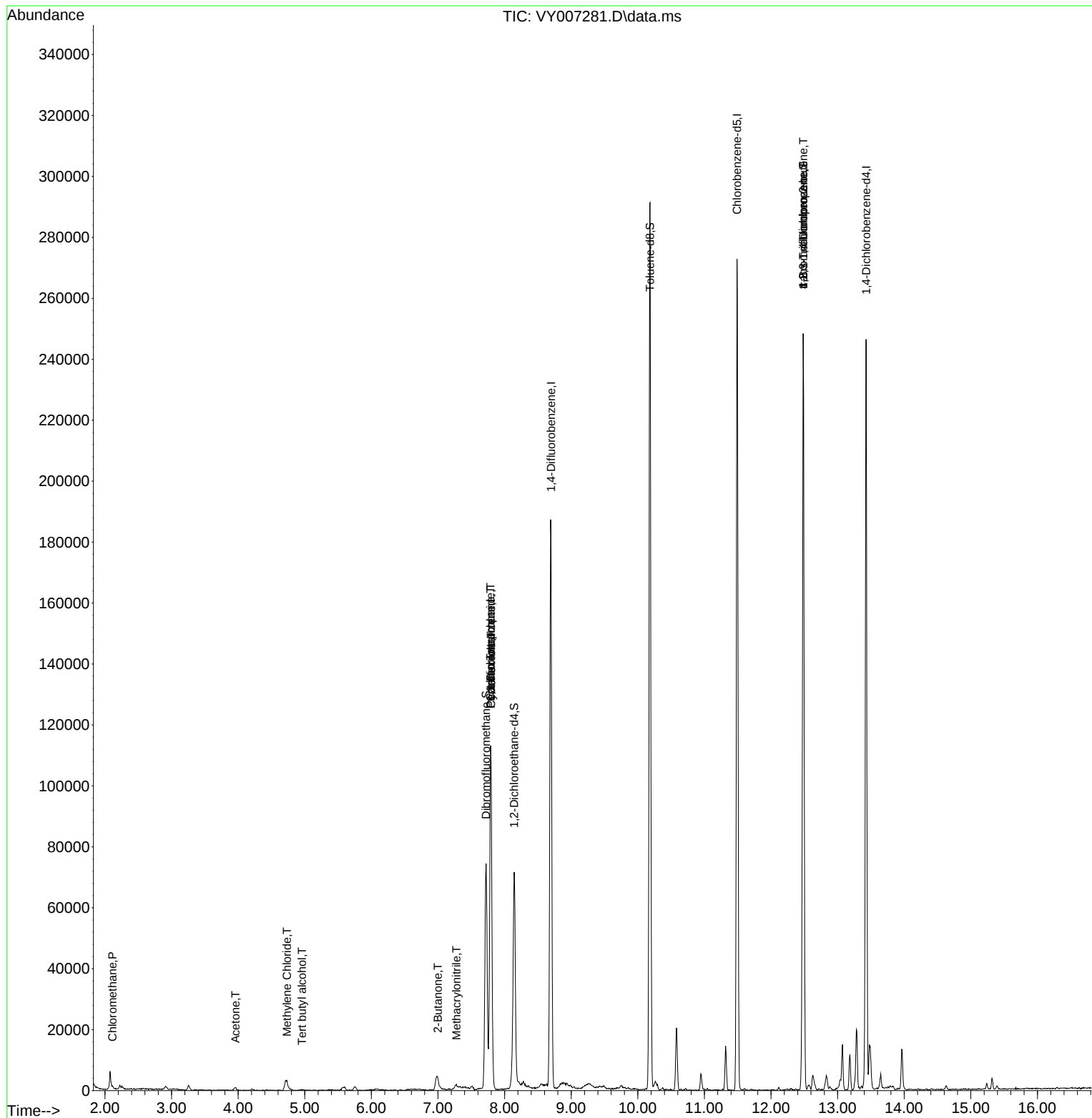
Internal Standards						
1) Pentafluorobenzene	7.795	168	83193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	155778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54235	53.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.260%	
35) Dibromofluoromethane	7.722	113	52429	49.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.540%	
50) Toluene-d8	10.185	98	190487	49.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.483	95	64829	47.351	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.700%	
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	647	1.058	ug/l #	76
11) Tert butyl alcohol	4.960	59	541	1.430	ug/l #	73
16) Acetone	3.960	43	1645	6.209	ug/l	93
20) Methylene Chloride	4.735	84	2349	2.144	ug/l #	83
25) 2-Butanone	6.996	43	1107	3.232	ug/l	91
31) Cyclohexane	7.795	56	1908	1.106	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	7410	4.405	ug/l #	50
38) Carbon Tetrachloride	7.789	117	9419	5.323	ug/l #	15
41) Methacrylonitrile	7.277	41	624	1.255	ug/l #	100
76) 1,2,3-Trichloropropane	12.483	75	36184	55.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36184	101.085	ug/l #	4

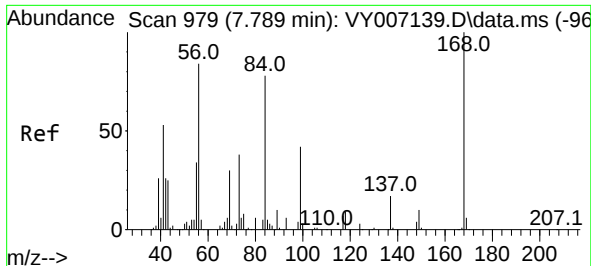
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 25 00:35:19 2022
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Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
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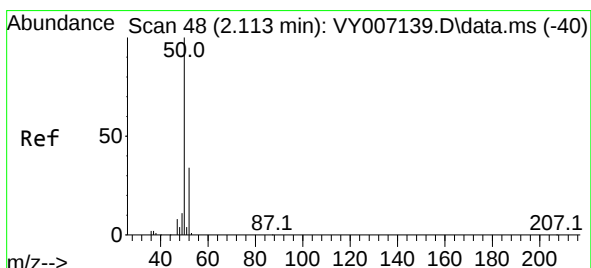
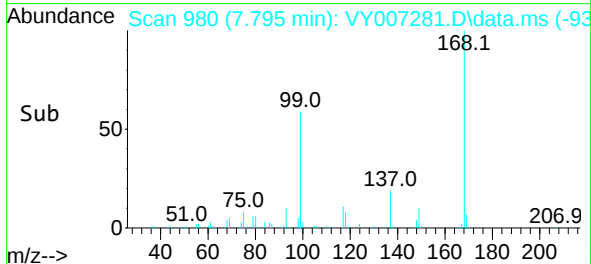
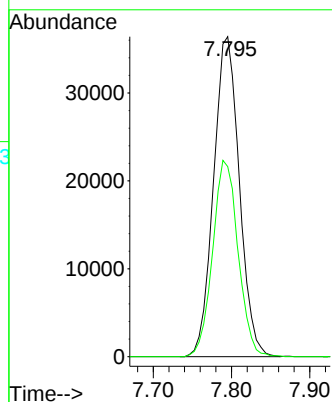
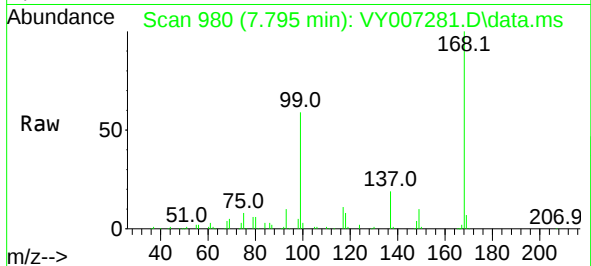




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

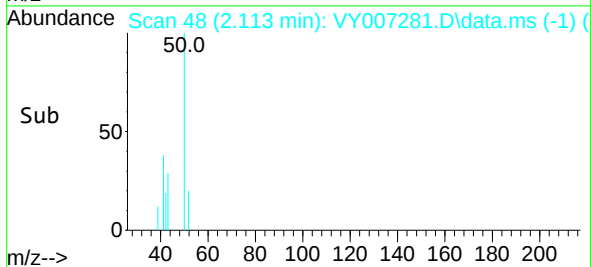
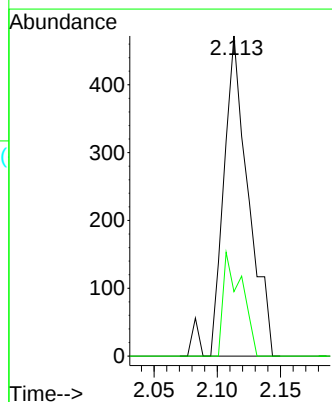
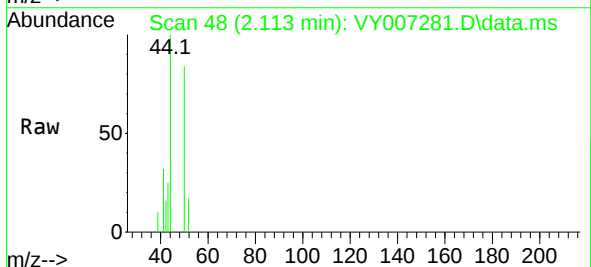
Instrument :
MSVOA_Y
ClientSampleId :

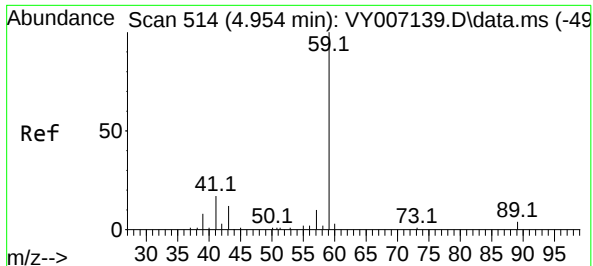
Tgt Ion:168 Resp: 83193
Ion Ratio Lower Upper
168 100
99 59.4 49.1 73.7



#3
Chloromethane
Concen: 1.058 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion: 50 Resp: 647
Ion Ratio Lower Upper
50 100
52 20.1 27.1 40.7#

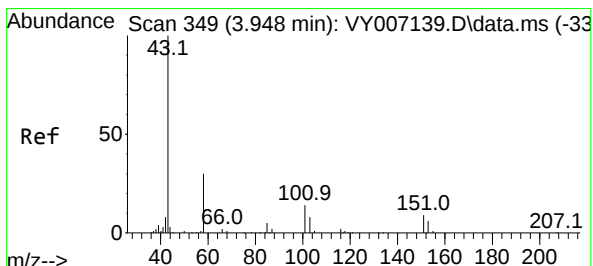
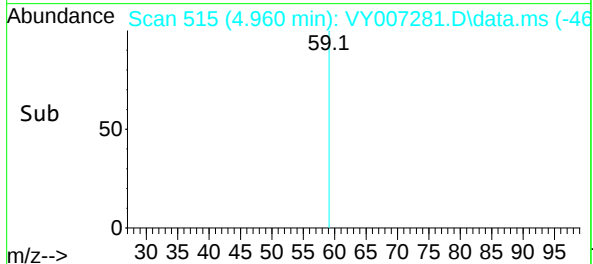
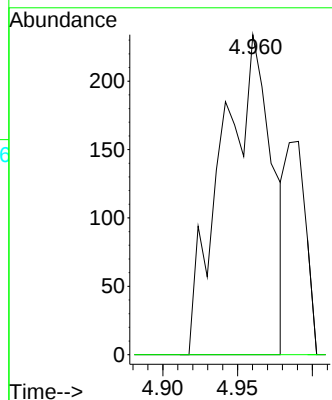
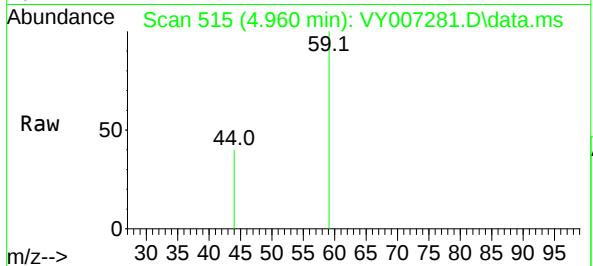




#11
Tert butyl alcohol
Concen: 1.430 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

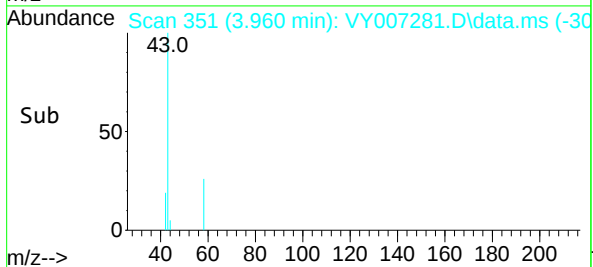
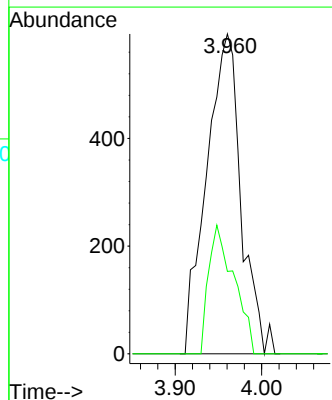
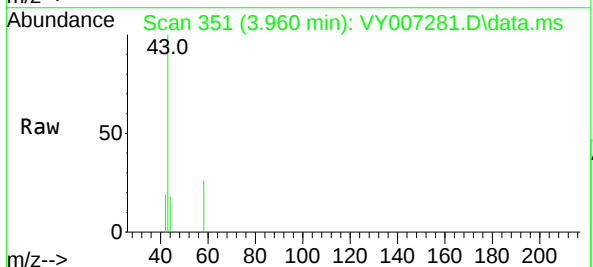
Instrument :
MSVOA_Y
ClientSampleId :

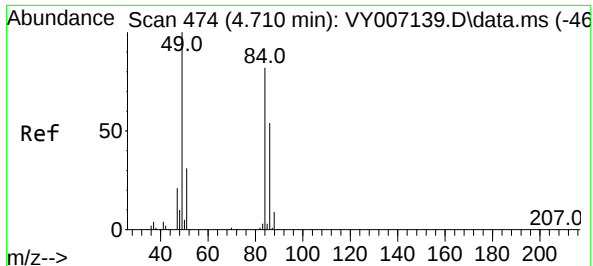
Tgt Ion: 59 Resp: 541
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 6.209 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

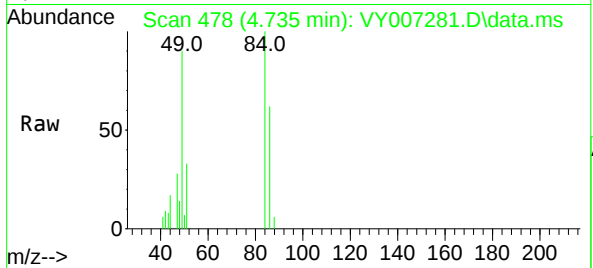
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 25.8 23.8 35.6



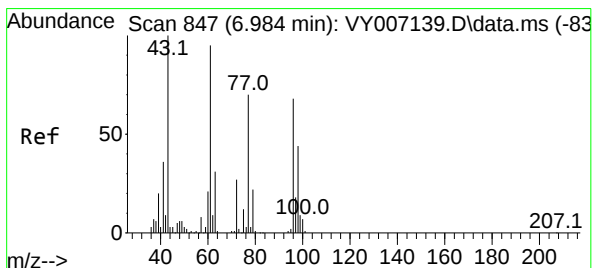
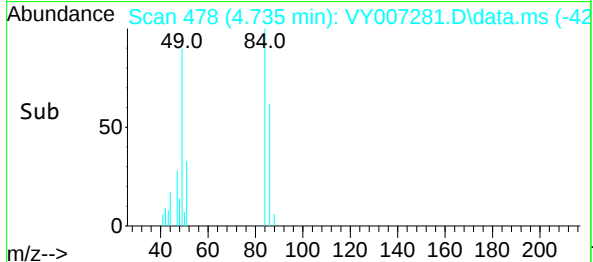
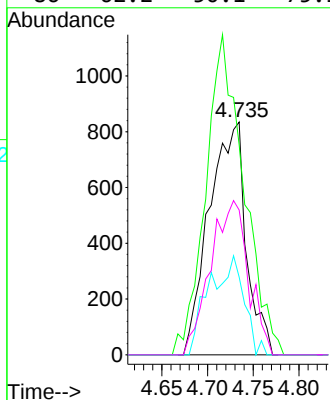


#20
Methylene Chloride
Concen: 2.144 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :

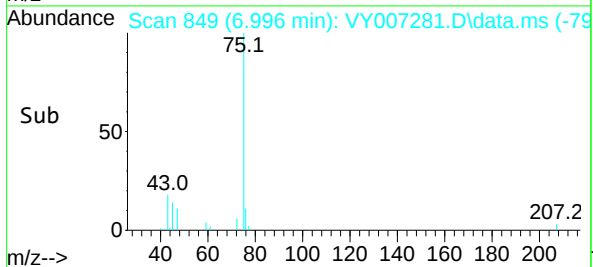
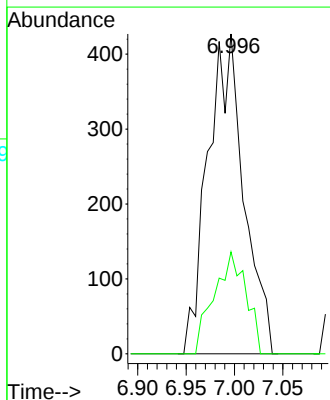
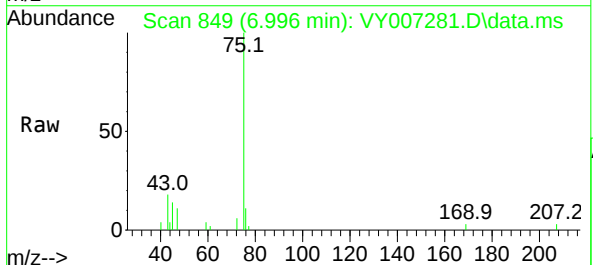


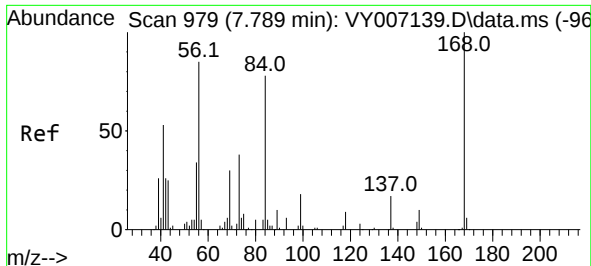
Tgt Ion: 84 Resp: 2349
Ion Ratio Lower Upper
84 100
49 83.8 92.6 139.0#
51 33.4 28.6 42.8
86 62.2 50.1 75.1



#25
2-Butanone
Concen: 3.232 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

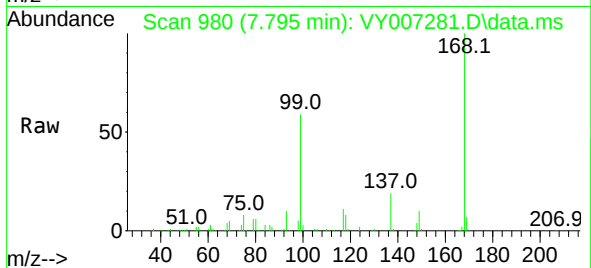
Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
72 31.9 21.9 32.9



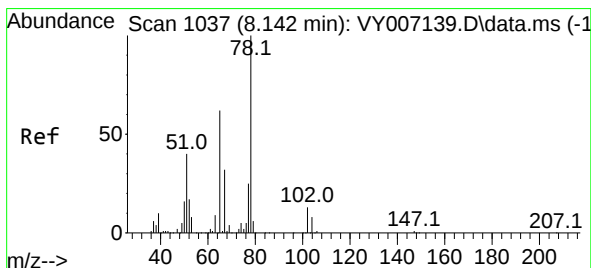
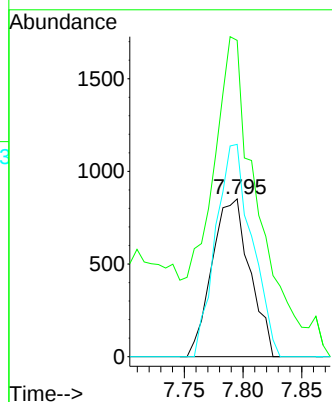
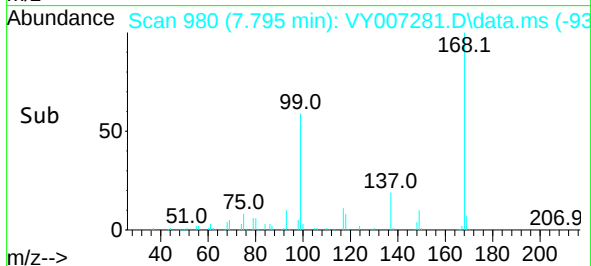


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :

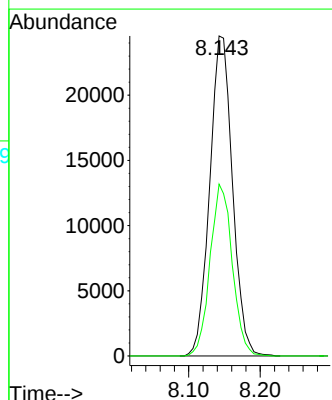
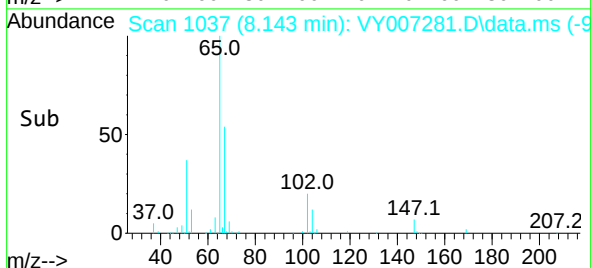
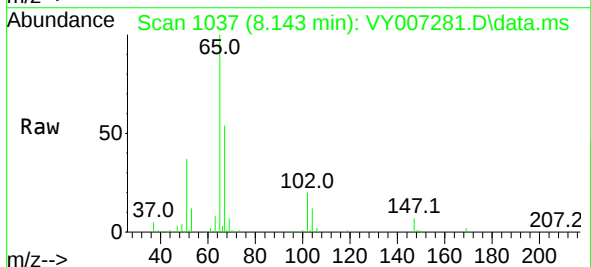


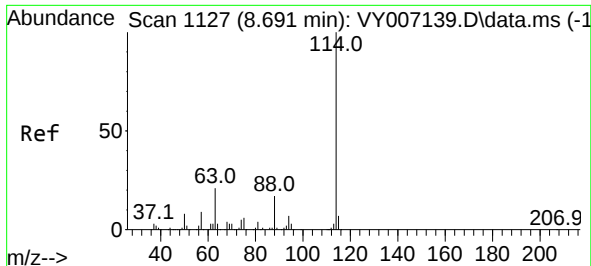
Tgt Ion: 56 Resp: 1908
Ion Ratio Lower Upper
56 100
69 155.9 27.2 40.8#
84 134.7 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 53.130 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

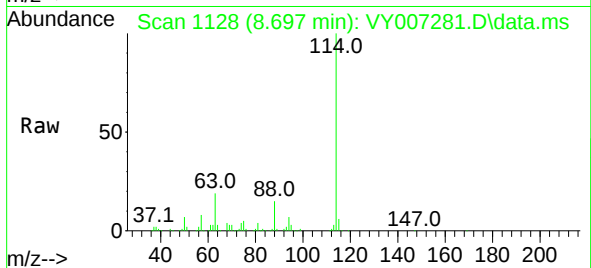
Tgt Ion: 65 Resp: 54235
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.6



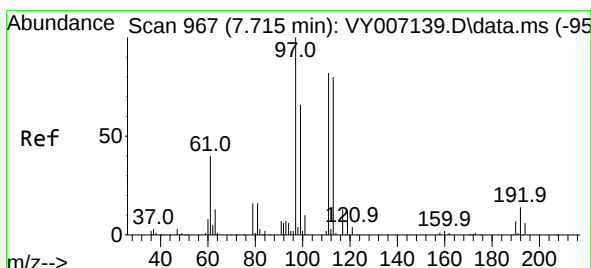
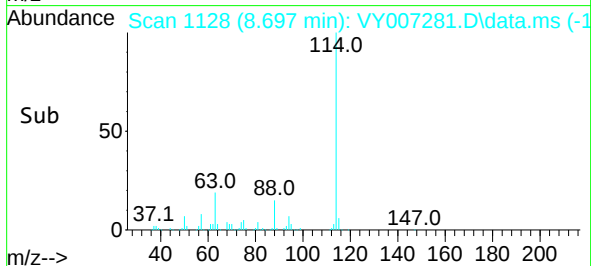
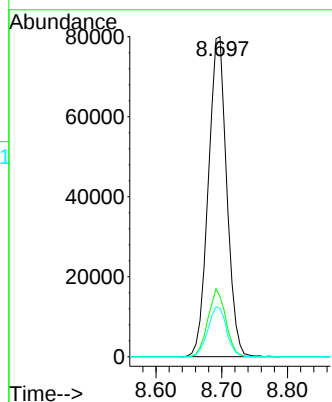


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :

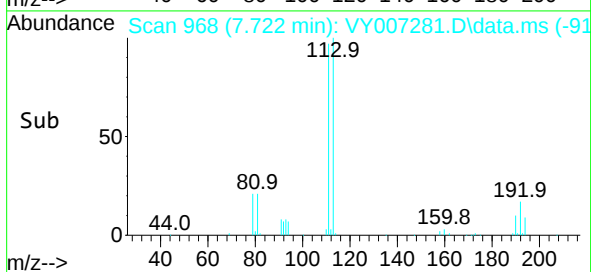
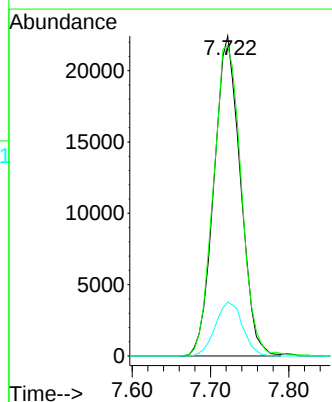
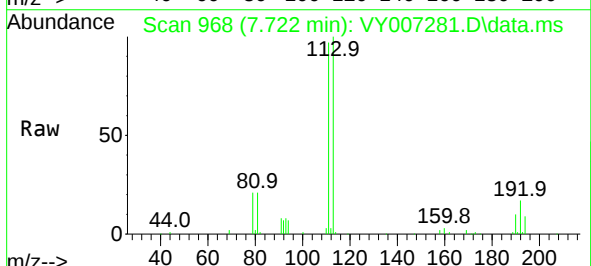


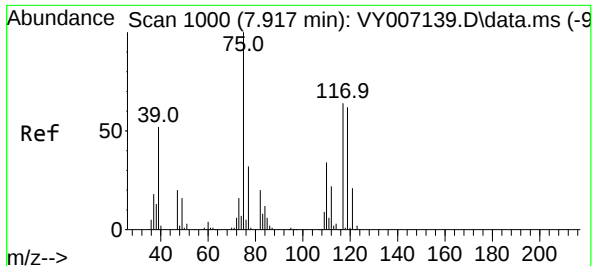
Tgt Ion:114 Resp: 155778
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.2
88 15.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.774 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion:113 Resp: 52429
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.4 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.405 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

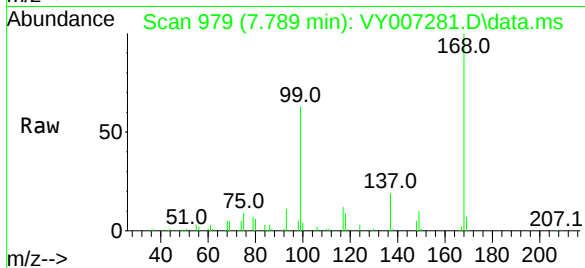
Lab File: VY007281.D

Acq: 24 Jan 2022 20:06

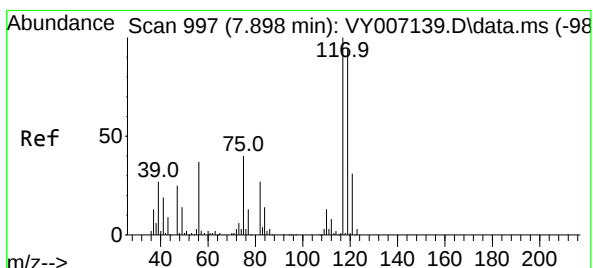
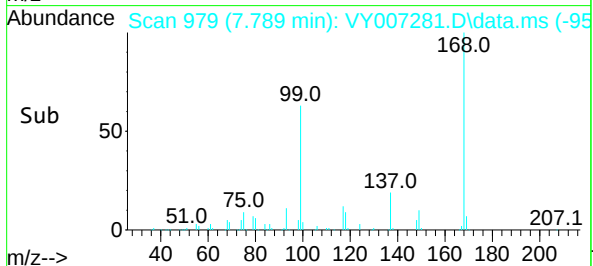
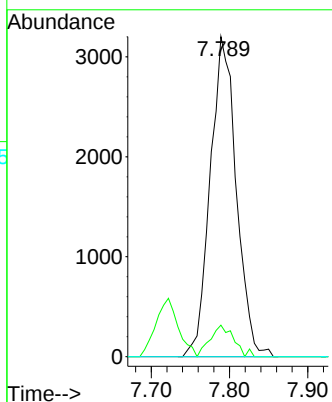
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp:	7410
Ion Ratio	Lower	Upper
75	100	
110	8.9	17.3 51.9#
77	0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.323 ug/l

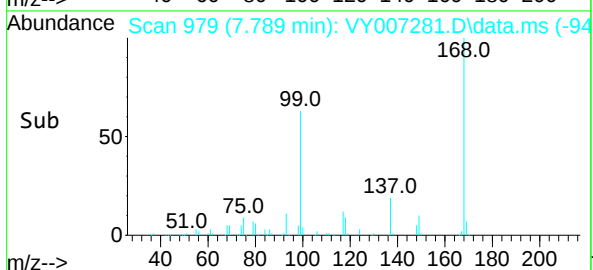
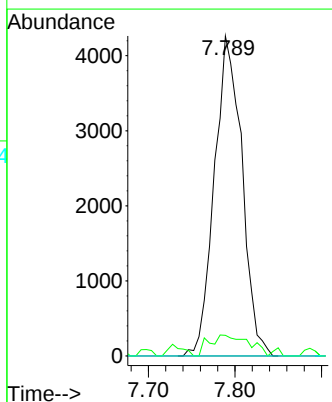
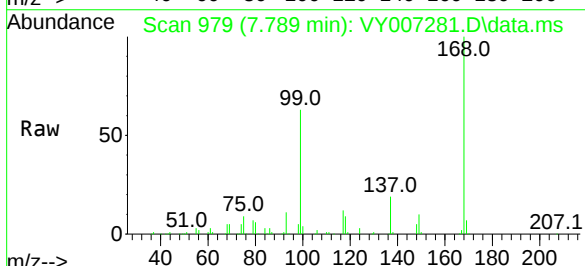
RT: 7.789 min Scan# 979

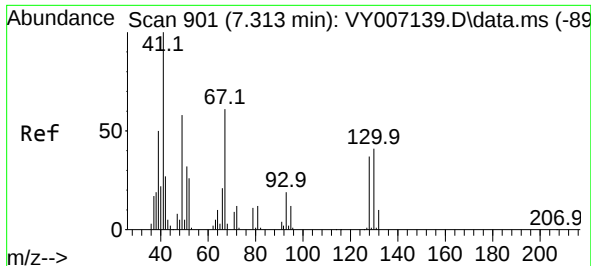
Delta R.T. -0.109 min

Lab File: VY007281.D

Acq: 24 Jan 2022 20:06

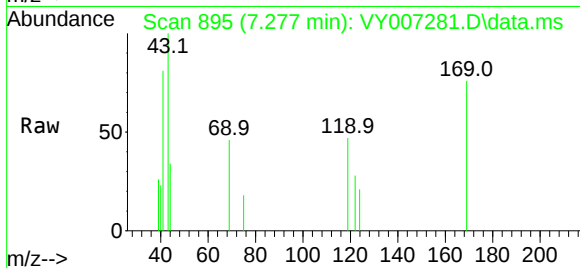
Tgt Ion: 117	Resp:	9419
Ion Ratio	Lower	Upper
117	100	
119	4.1	77.2 115.8#
121	0.0	24.2 36.2#



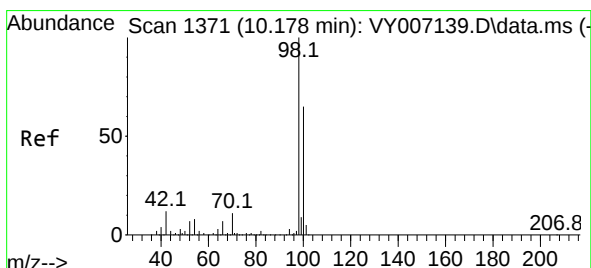
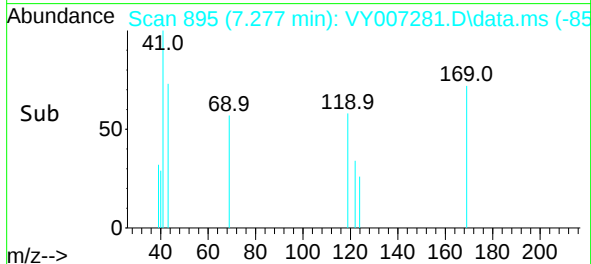
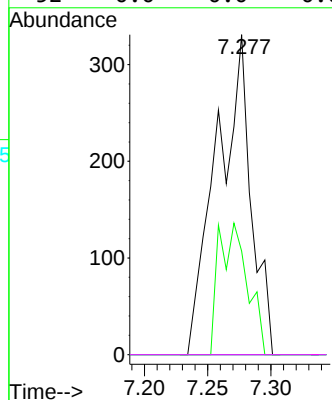


#41
Methacrylonitrile
Concen: 1.255 ug/l
RT: 7.277 min Scan# 89
Delta R.T. -0.036 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Instrument :
MSVOA_Y
ClientSampleId :

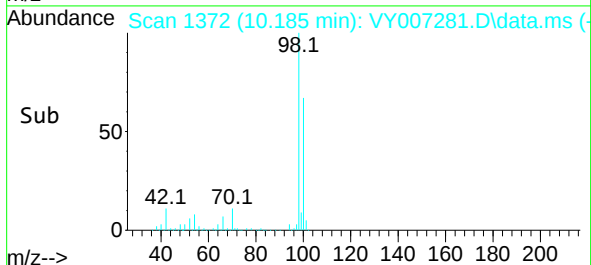
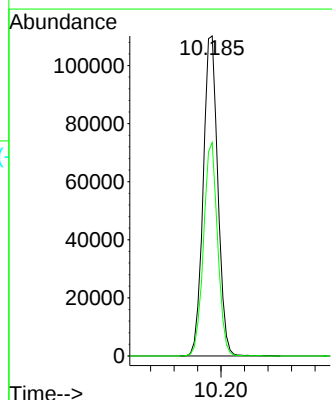
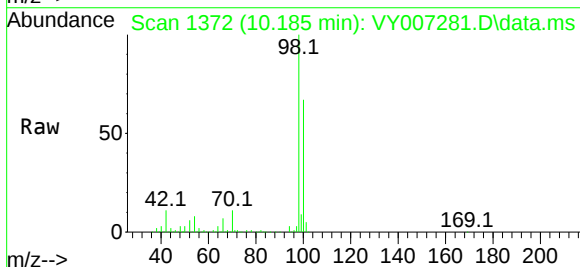


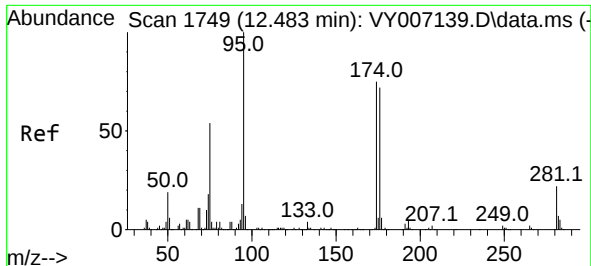
Tgt Ion: 41	Resp: 624
Ion Ratio	Lower Upper
41 100	
39 34.1	0.0 0.0#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#50
Toluene-d8
Concen: 49.492 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion: 98	Resp: 190487
Ion Ratio	Lower Upper
98 100	
100 64.3	52.2 78.2

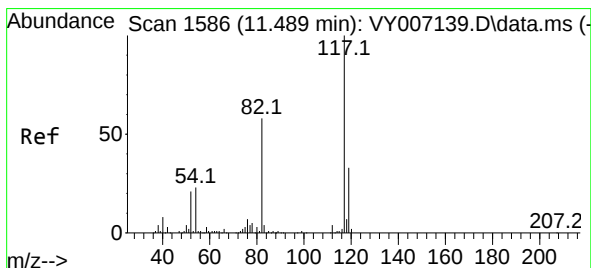
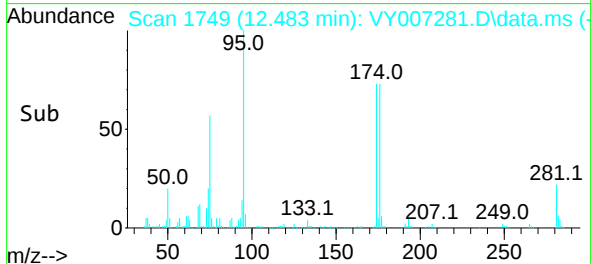
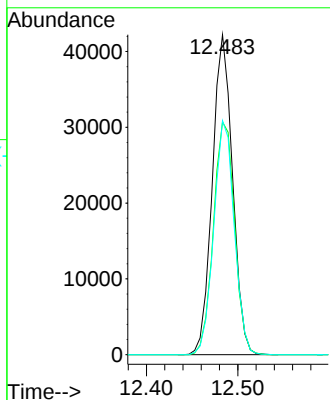
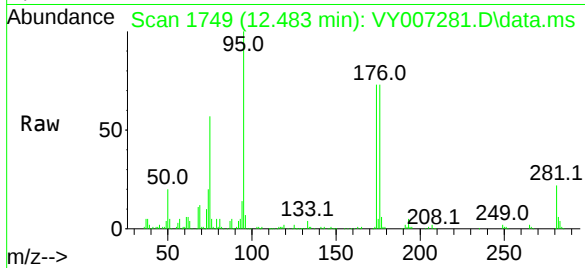




#62
4-Bromofluorobenzene
Concen: 47.351 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

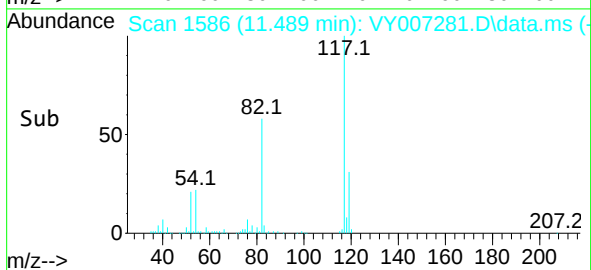
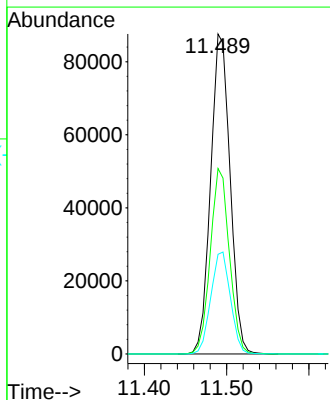
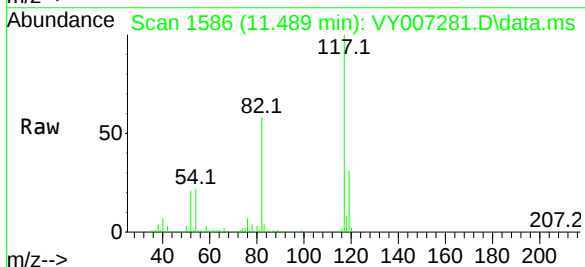
Instrument :
MSVOA_Y
ClientSampleId :

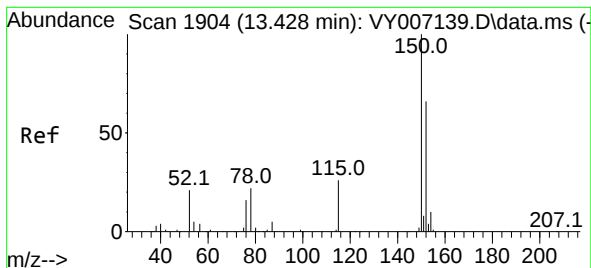
Tgt Ion: 95 Resp: 64829
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.4
176 74.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007281.D
Acq: 24 Jan 2022 20:06

Tgt Ion: 117 Resp: 143900
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 31.1 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

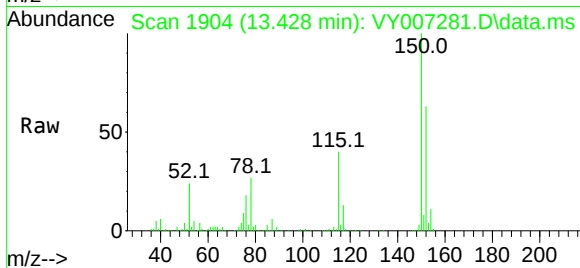
Lab File: VY007281.D

Acq: 24 Jan 2022 20:06

Instrument :

MSVOA_Y

ClientSampleId :



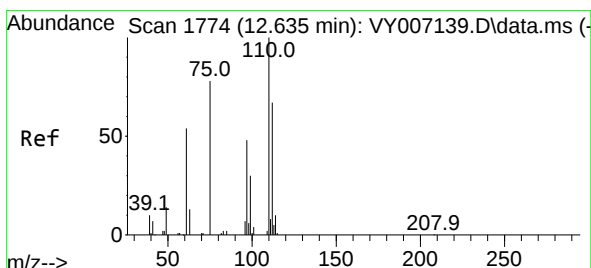
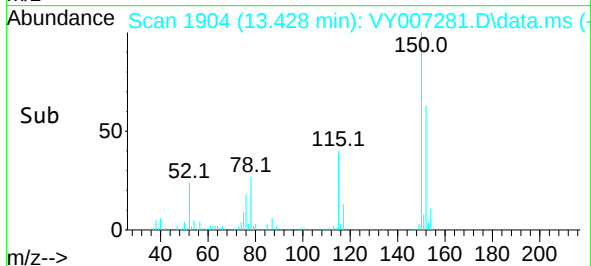
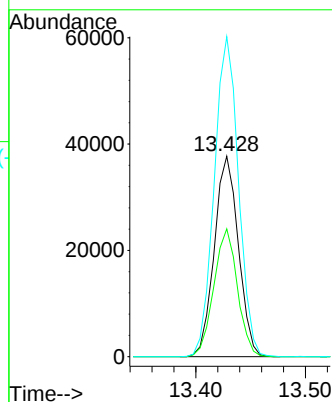
Tgt Ion:152 Resp: 57471

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.0

150 160.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.216 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007281.D

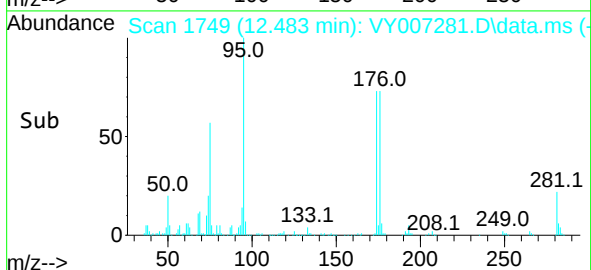
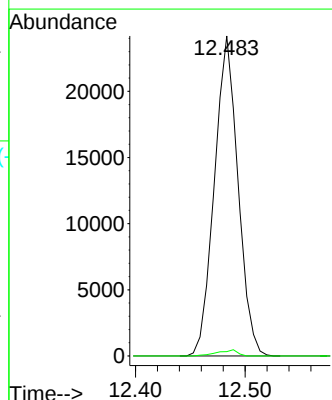
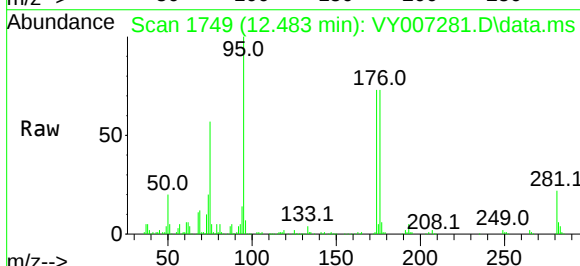
Acq: 24 Jan 2022 20:06

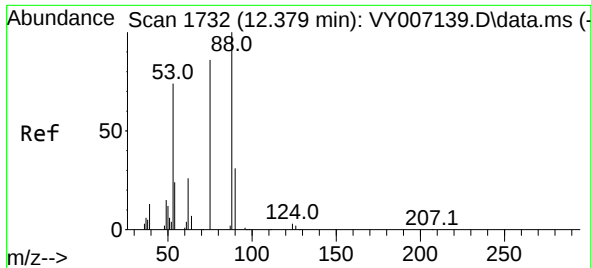
Tgt Ion: 75 Resp: 36184

Ion Ratio Lower Upper

75 100

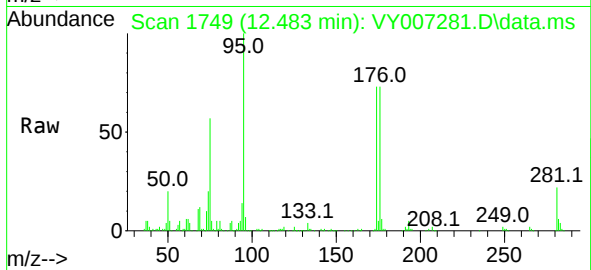
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.085 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007281.D
 Acq: 24 Jan 2022 20:06

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36184
 Ion Ratio Lower Upper
 75 100
 53 0.4 73.9 110.9#
 89 0.7 0.0 0.0#

