

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
 Data File : VY008348.D
 Acq On : 15 Apr 2022 14:05
 Operator : KP/MD
 Sample : N2401-11
 Misc : 4.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1-6

Quant Time: Apr 16 04:58:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

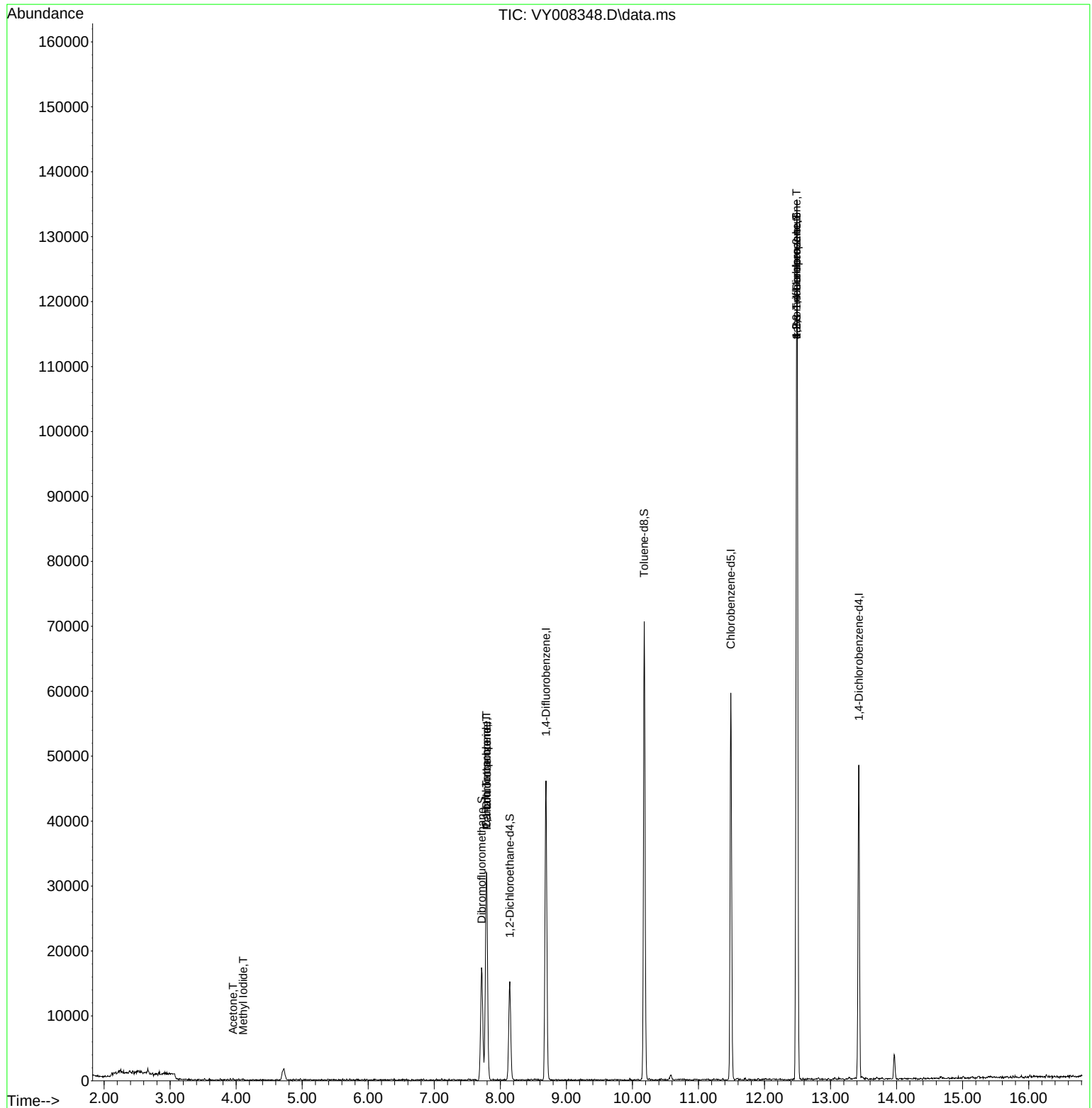
Internal Standards						
1) Pentafluorobenzene	7.795	168	26130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	34072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11414	46.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.716	113	12334	51.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.820%
50) Toluene-d8	10.179	98	47801	58.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.460%
62) 4-Bromofluorobenzene	12.483	95	12945	41.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.860%
Target Compounds						
3) Chloromethane	2.119	50	105	Below Cal	#	44
5) Bromomethane	2.662	94	326	Below Cal	#	72
10) Methyl Iodide	4.107	142	204	2.996	ug/l #	35
16) Acetone	3.954	43	71	1.203	ug/l #	47
20) Methylene Chloride	4.722	84	1365	Below Cal	#	73
36) 1,1-Dichloropropene	7.789	75	2072	5.409	ug/l #	45
38) Carbon Tetrachloride	7.789	117	2505	6.078	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	8200	59.817	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8200	133.838	ug/l #	9

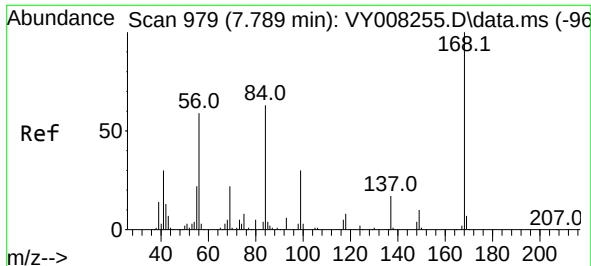
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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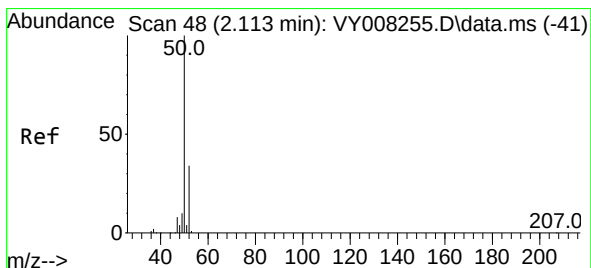
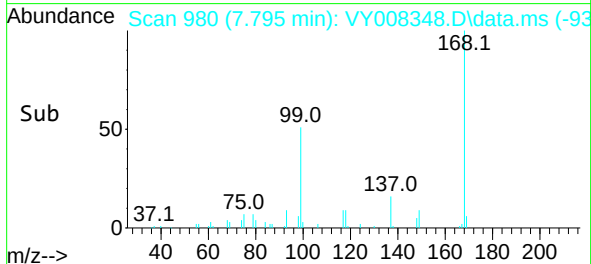
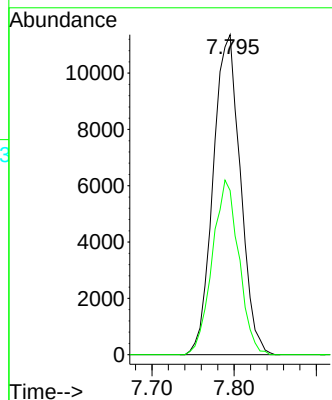
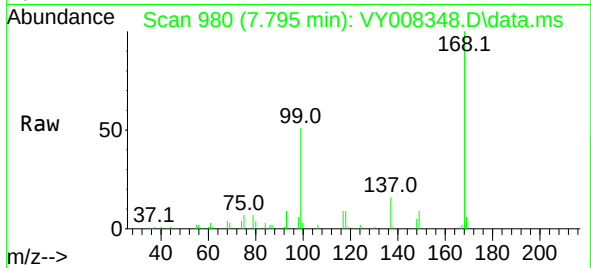




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

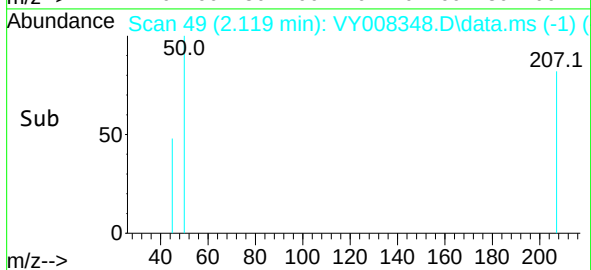
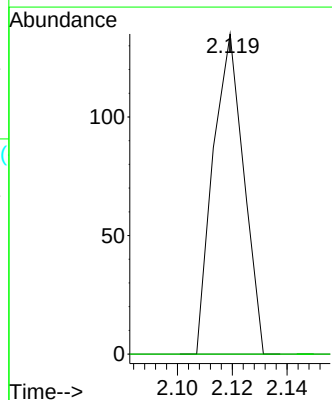
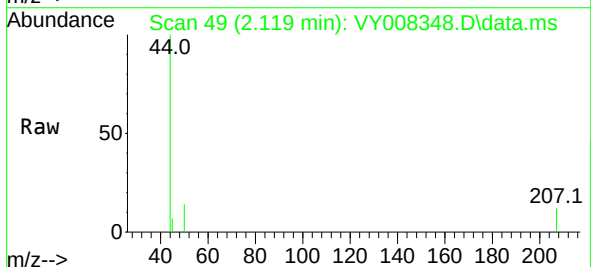
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

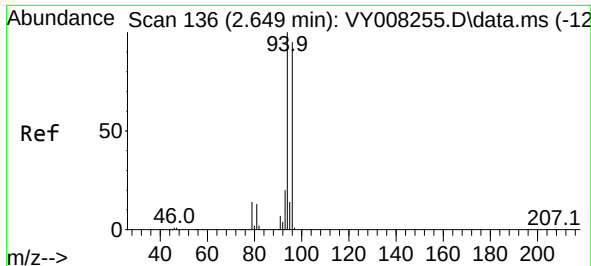
Tgt Ion:168 Resp: 26130
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

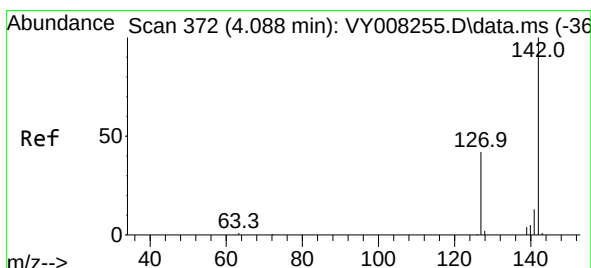
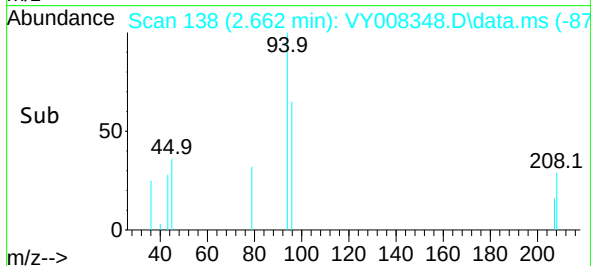
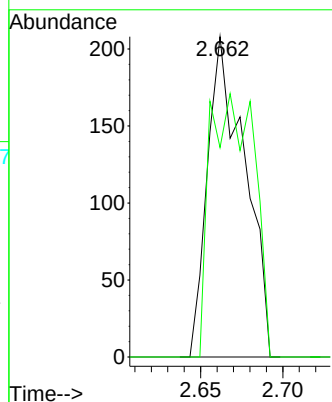
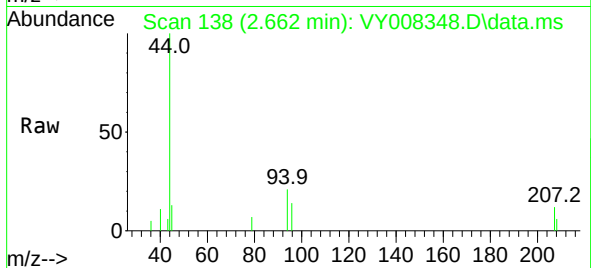




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

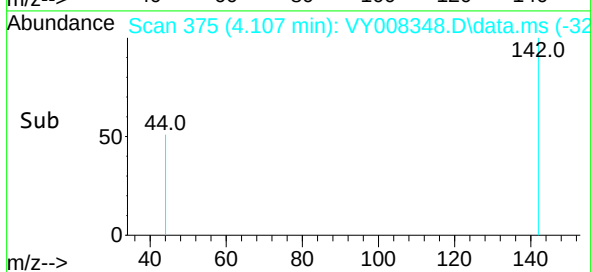
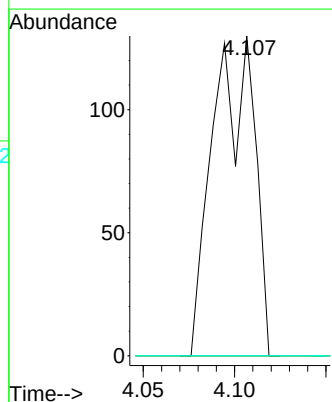
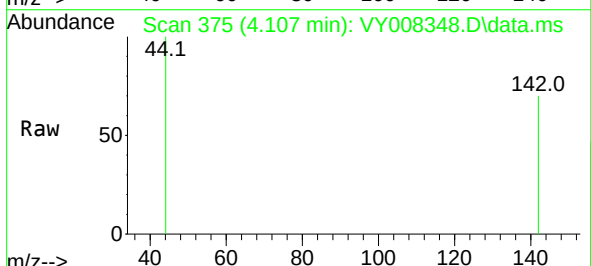
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

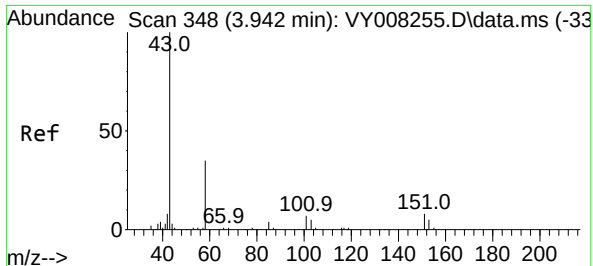
Tgt Ion: 94 Resp: 326
Ion Ratio Lower Upper
94 100
96 65.4 73.5 110.3#



#10
Methyl Iodide
Concen: 2.996 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

Tgt Ion: 142 Resp: 204
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

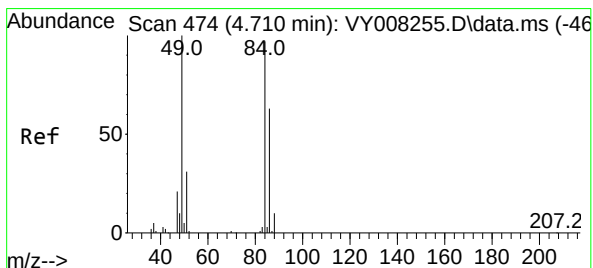
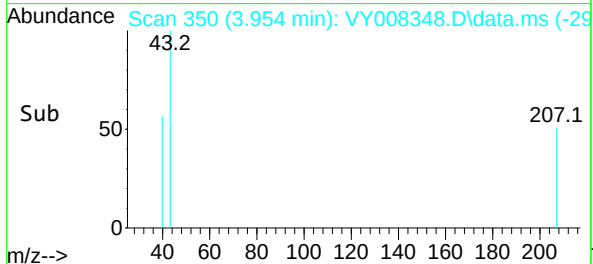
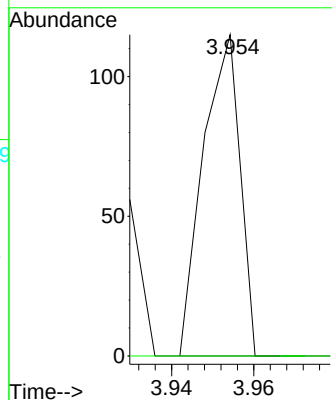
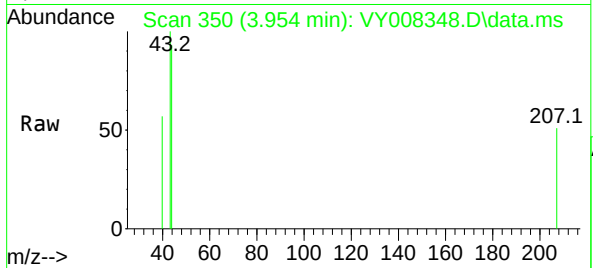




#16
Acetone
Concen: 1.203 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

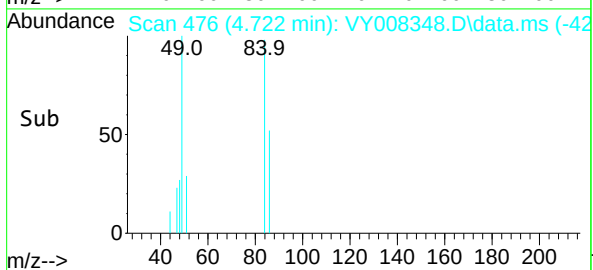
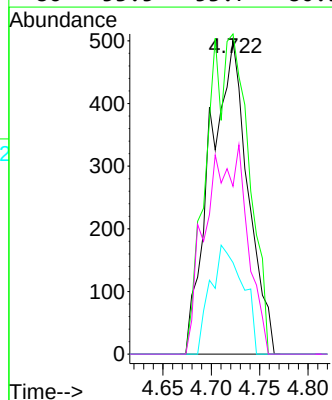
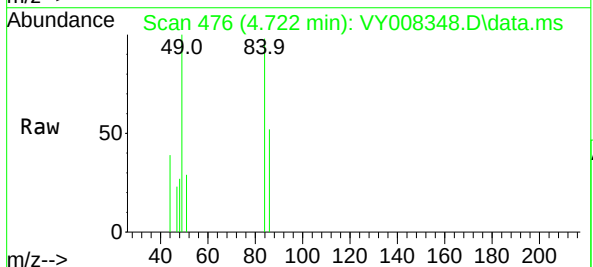
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

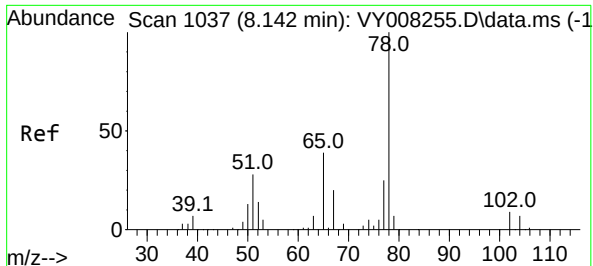
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

Tgt Ion: 84 Resp: 1365
Ion Ratio Lower Upper
84 100
49 102.0 114.4 171.6#
51 29.1 35.3 52.9#
86 53.5 53.7 80.5#

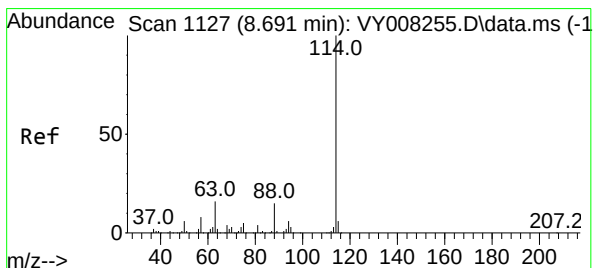
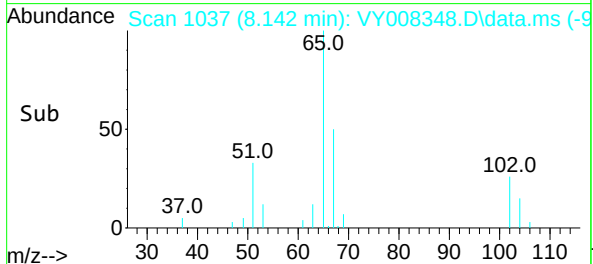
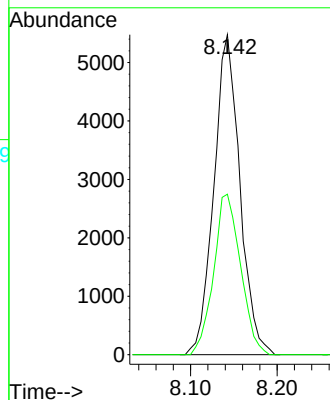
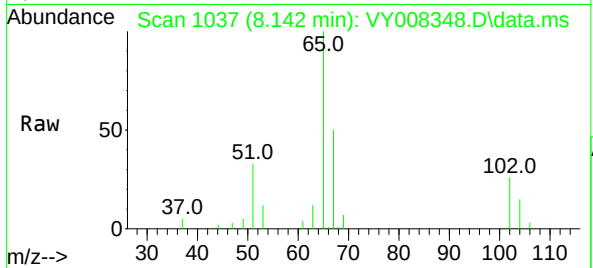




#33
 1,2-Dichloroethane-d4
 Concen: 46.503 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008348.D
 Acq: 15 Apr 2022 14:05

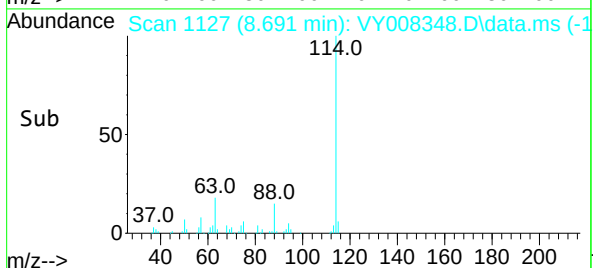
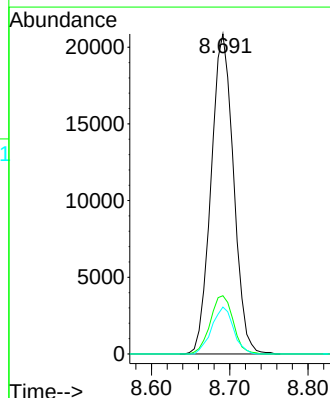
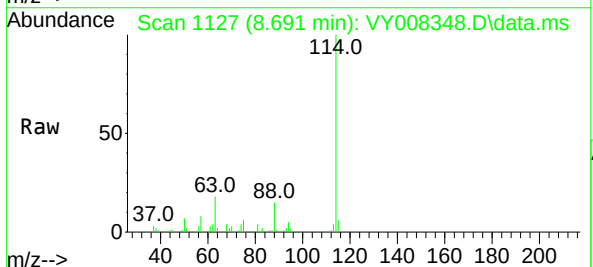
Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1-6

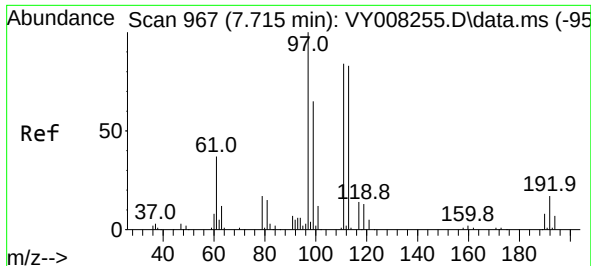
Tgt Ion: 65 Resp: 11414
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008348.D
 Acq: 15 Apr 2022 14:05

Tgt Ion: 114 Resp: 41534
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 43.2
 88 14.7 0.0 31.8

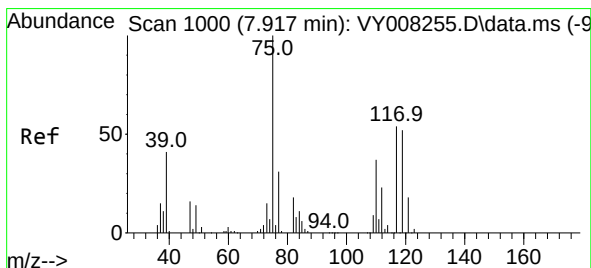
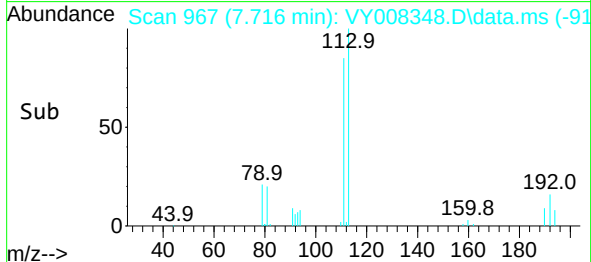
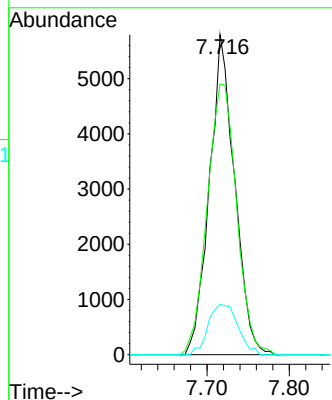
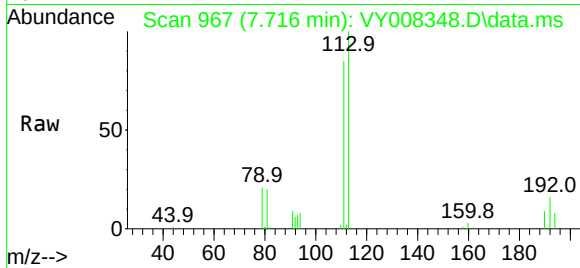




#35
Dibromofluoromethane
Concen: 51.415 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

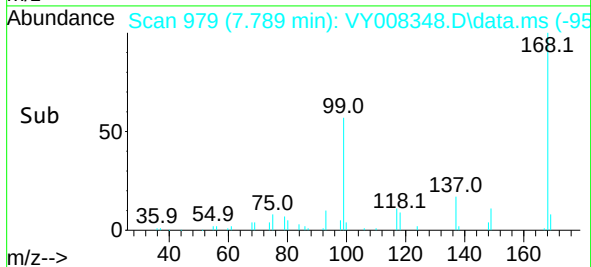
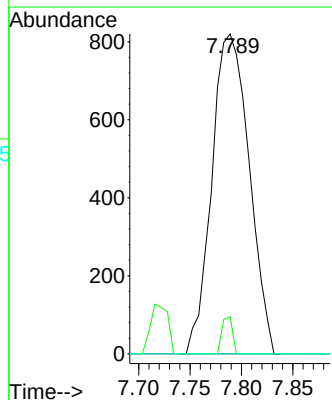
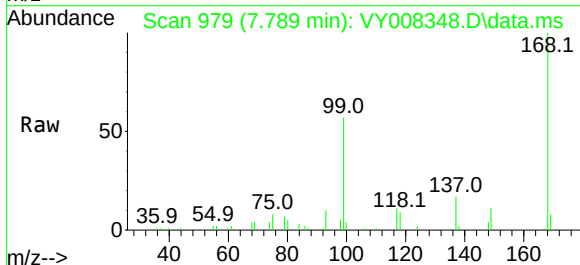
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

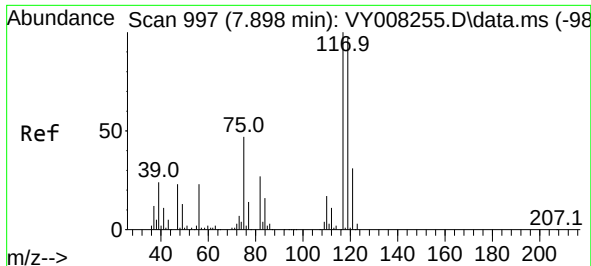
Tgt Ion:113 Resp: 12334
Ion Ratio Lower Upper
113 100
111 98.7 82.6 124.0
192 18.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

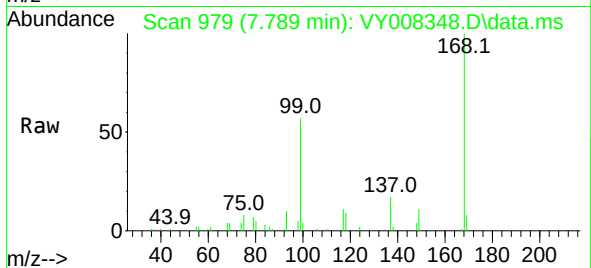
Tgt Ion: 75 Resp: 2072
Ion Ratio Lower Upper
75 100
110 3.2 17.1 51.2#
77 0.0 24.4 36.6#



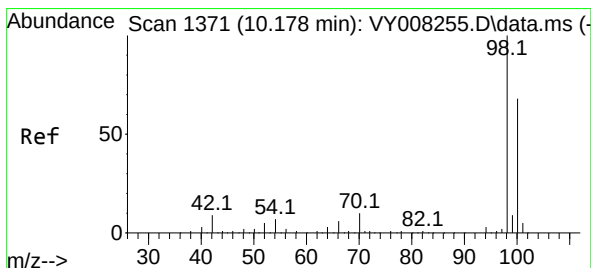
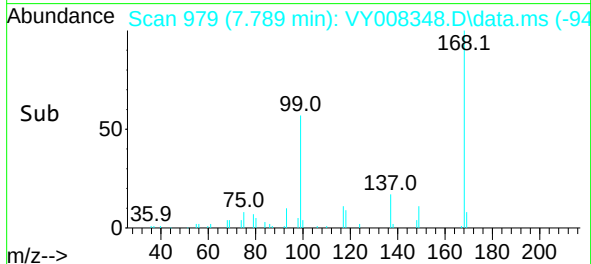
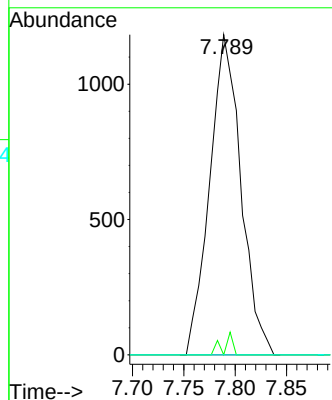


#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

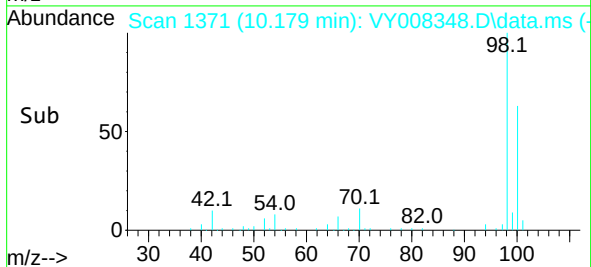
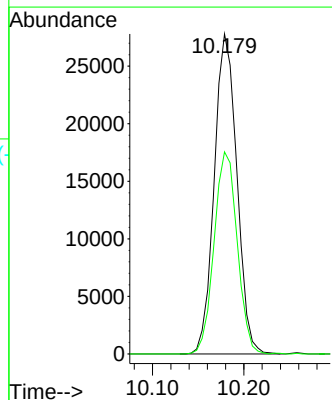
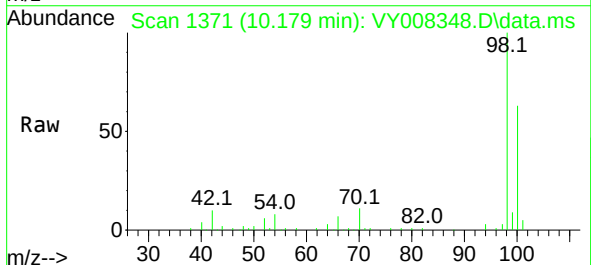


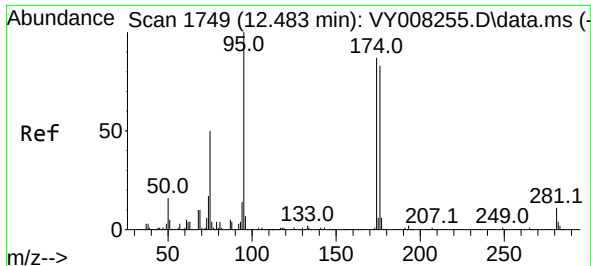
Tgt Ion:117 Resp: 2505
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.232 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

Tgt Ion: 98 Resp: 47801
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

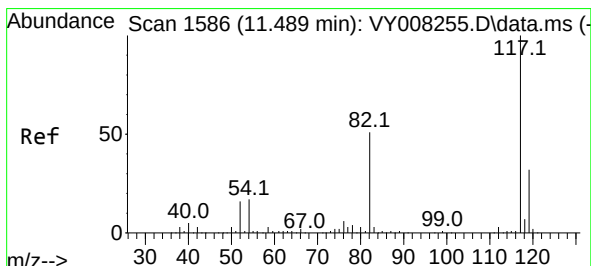
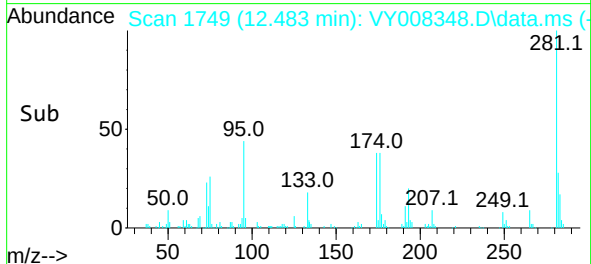
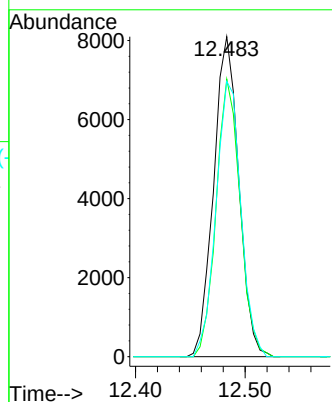
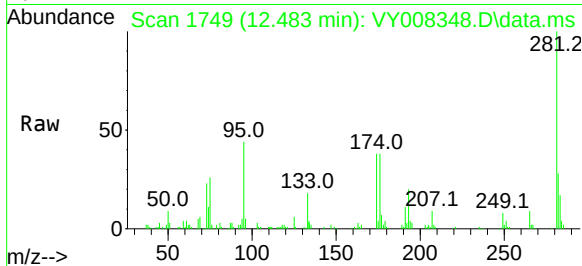




#62
4-Bromofluorobenzene
Concen: 41.927 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

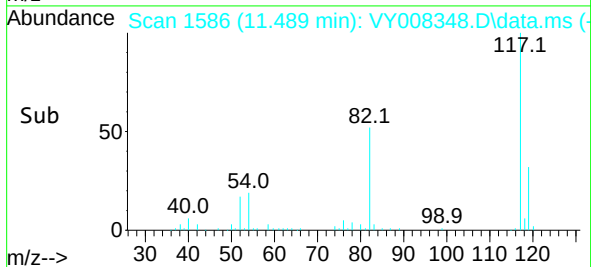
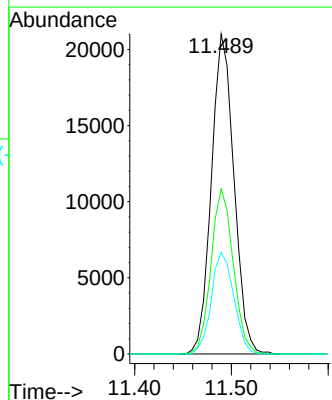
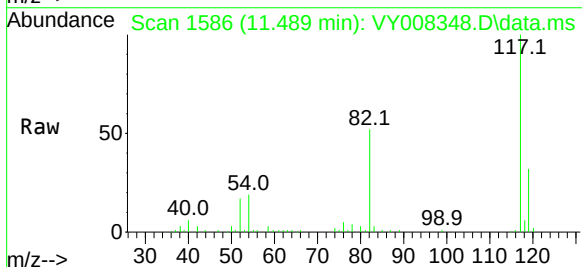
Instrument :
MSVOA_Y
ClientSampleId :
DISP-1-6

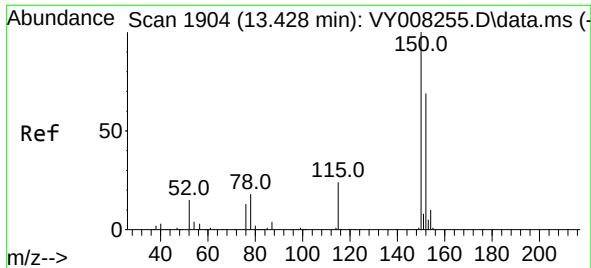
Tgt Ion:	95	Resp:	12945
Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	177.0
176	84.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008348.D
Acq: 15 Apr 2022 14:05

Tgt Ion:	117	Resp:	34072
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.0	64.4
119	31.8	25.4	38.0

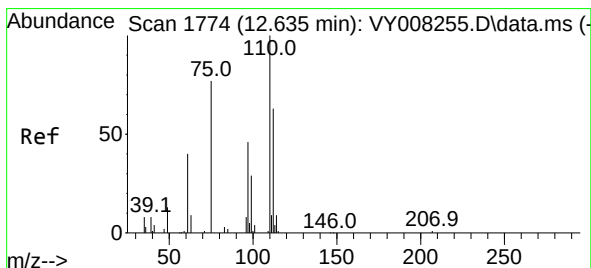
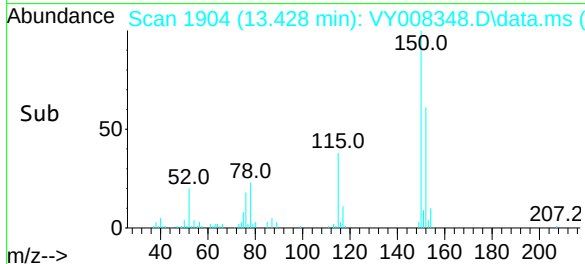
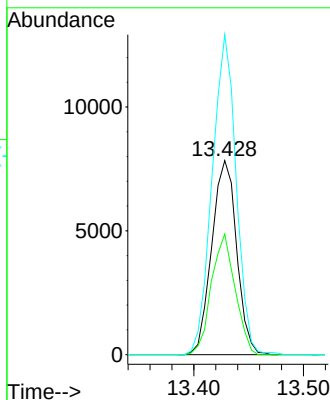
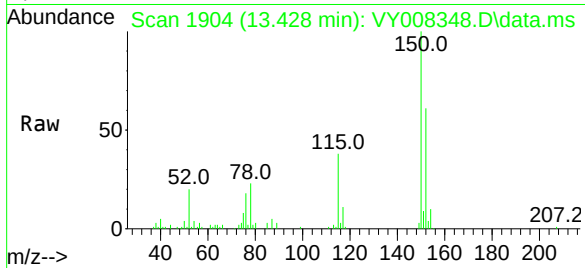




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008348.D
 Acq: 15 Apr 2022 14:05

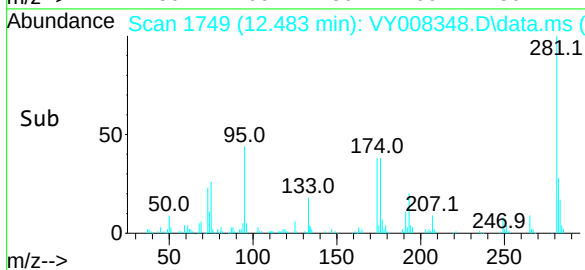
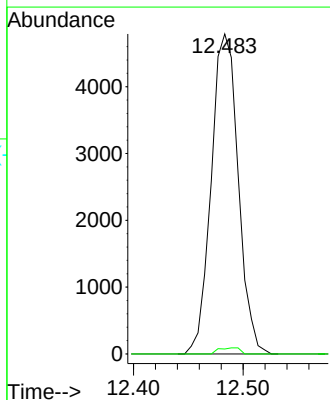
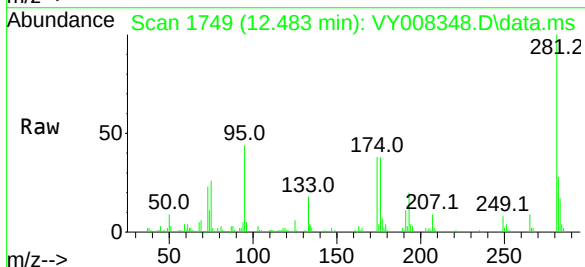
Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1-6

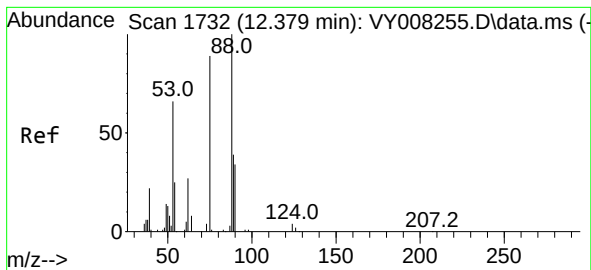
Tgt Ion:152 Resp: 12395
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 59.817 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008348.D
 Acq: 15 Apr 2022 14:05

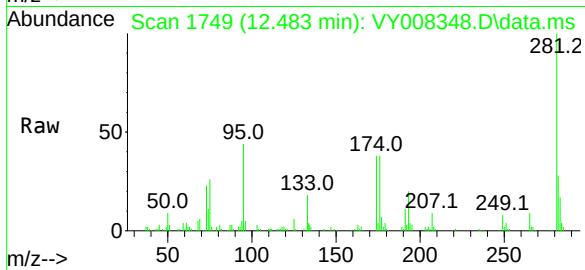
Tgt Ion: 75 Resp: 8200
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.838 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008348.D
 Acq: 15 Apr 2022 14:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-1-6



Tgt Ion: 75 Resp: 8200
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 4.9 37.0 55.4#

