

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007272.D
 Acq On : 24 Jan 2022 16:34
 Operator : SY/MD
 Sample : N1233-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 00:34:10 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)

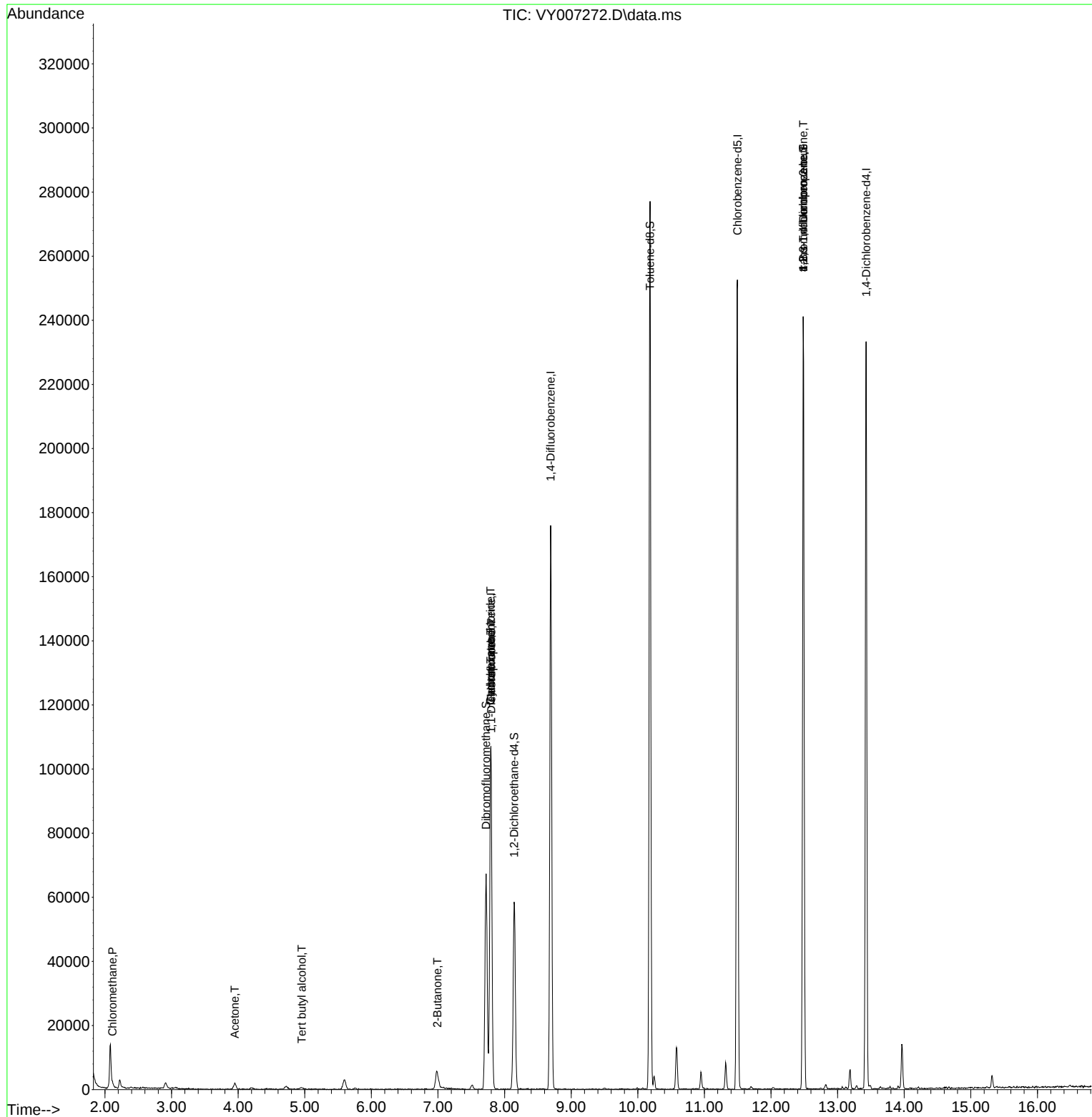
Internal Standards						
1) Pentafluorobenzene	7.795	168	79538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	135890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47286	48.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.722	113	47577	47.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.185	98	181376	50.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.483	95	62400	48.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	845	1.445	ug/l	95
11) Tert butyl alcohol	4.954	59	953	6.770	ug/l #	73
16) Acetone	3.948	43	3422	13.511	ug/l	91
25) 2-Butanone	6.990	43	1765	5.390	ug/l	95
31) Cyclohexane	7.789	56	1961	1.189	ug/l #	28
36) 1,1-Dichloropropene	7.801	75	6887	4.344	ug/l #	51
38) Carbon Tetrachloride	7.789	117	8687	5.209	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	33975	51.657	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33975	94.570	ug/l #	3

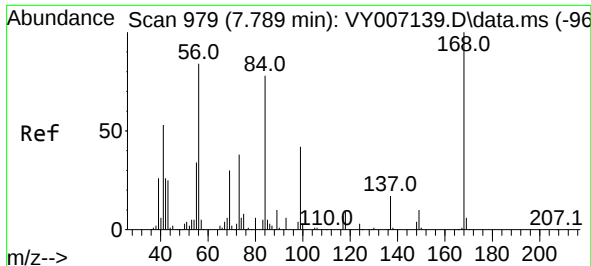
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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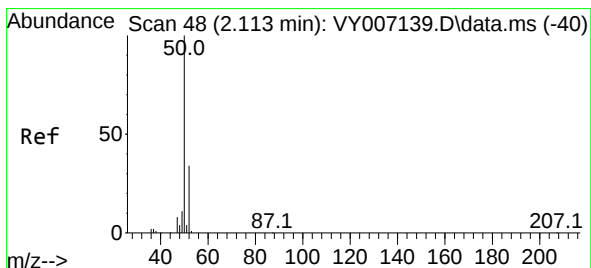
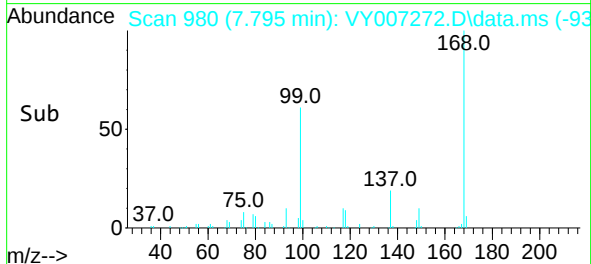
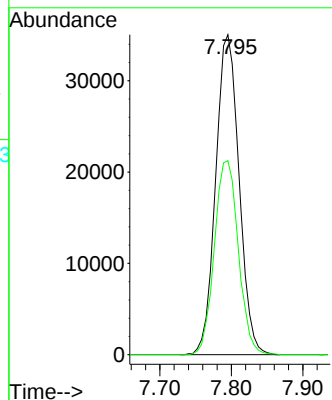
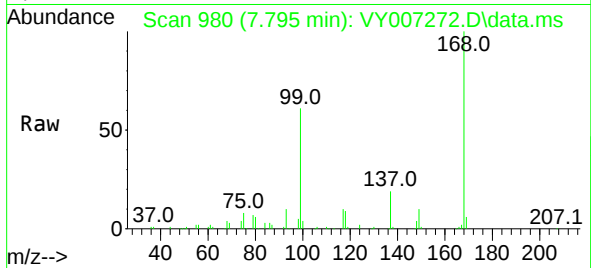




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

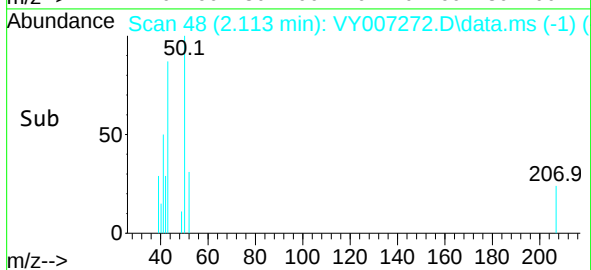
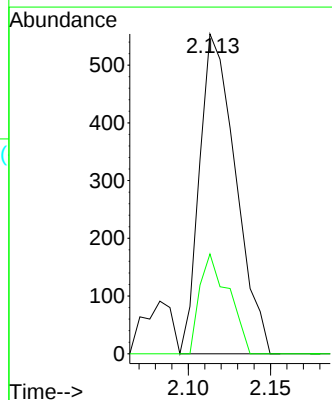
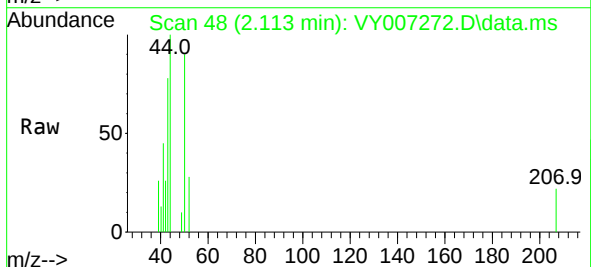
Instrument :
MSVOA_Y
ClientSampleId :

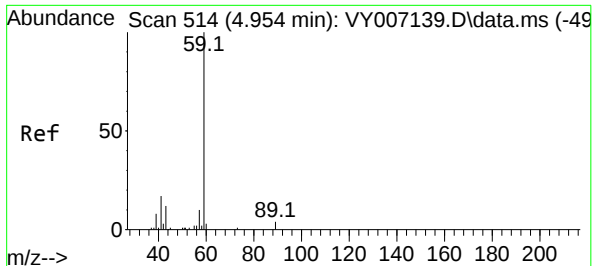
Tgt Ion:168 Resp: 79538
Ion Ratio Lower Upper
168 100
99 60.6 49.1 73.7



#3
Chloromethane
Concen: 1.445 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

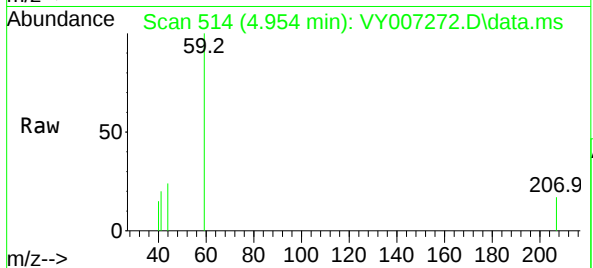
Tgt Ion: 50 Resp: 845
Ion Ratio Lower Upper
50 100
52 31.2 27.1 40.7



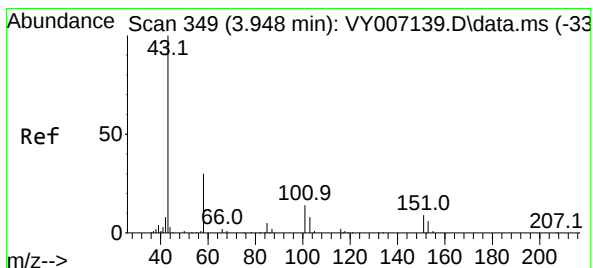
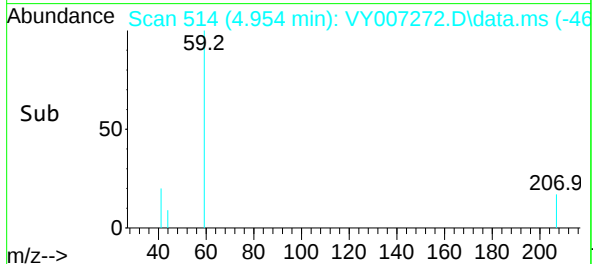
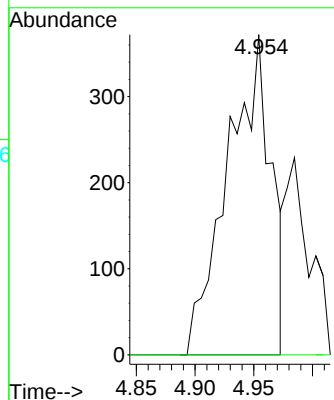


#11
Tert butyl alcohol
Concen: 6.770 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :

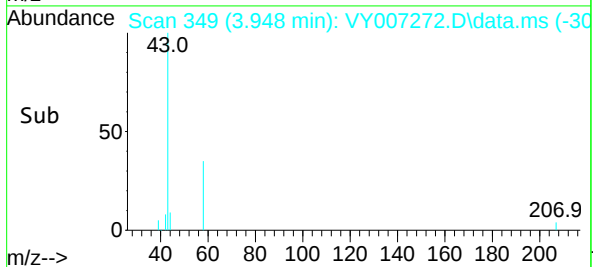
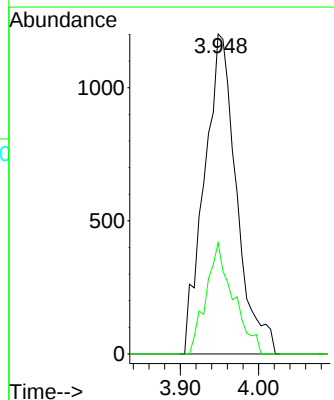
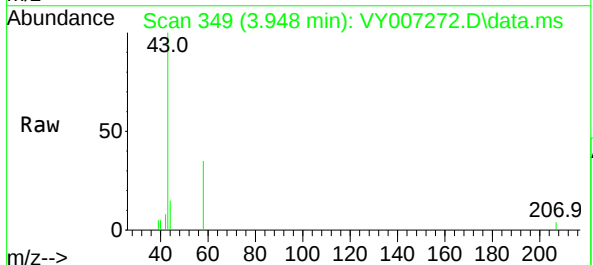


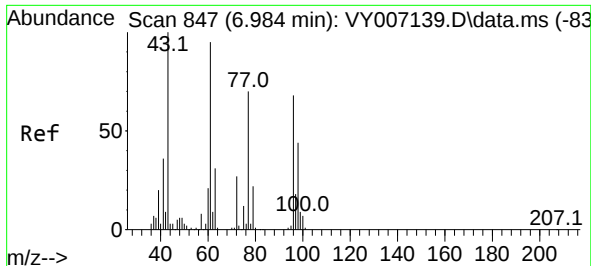
Tgt Ion: 59 Resp: 953
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 13.511 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Tgt Ion: 43 Resp: 3422
Ion Ratio Lower Upper
43 100
58 34.8 23.8 35.6





#25

2-Butanone

Concen: 5.390 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.007 min

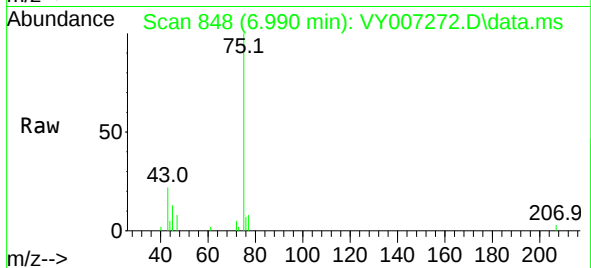
Lab File: VY007272.D

Acq: 24 Jan 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

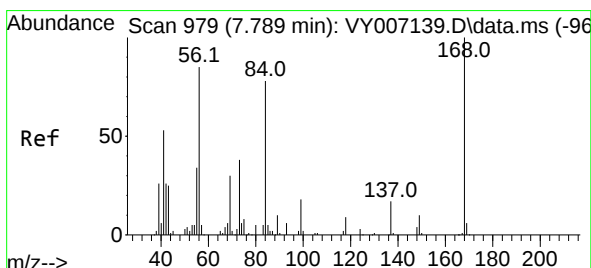
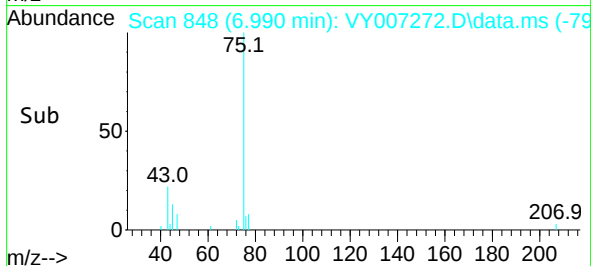
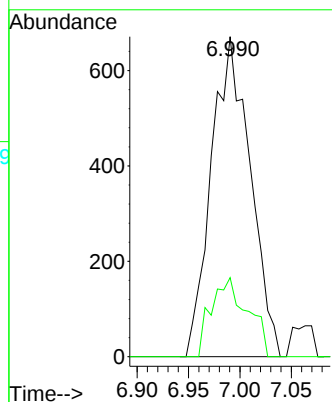


Tgt Ion: 43 Resp: 1765

Ion Ratio Lower Upper

43 100

72 24.7 21.9 32.9



#31

Cyclohexane

Concen: 1.189 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY007272.D

Acq: 24 Jan 2022 16:34

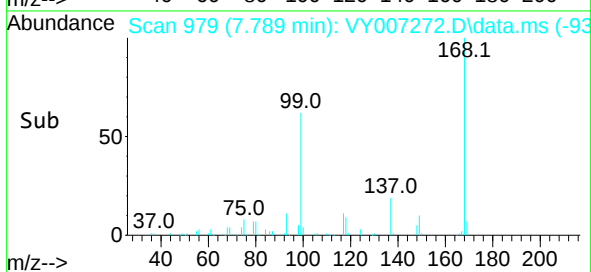
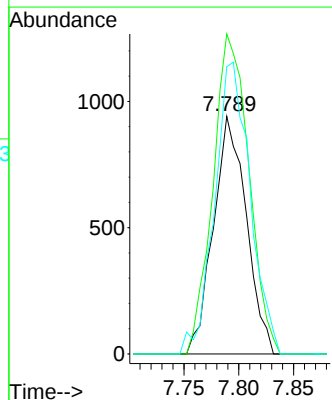
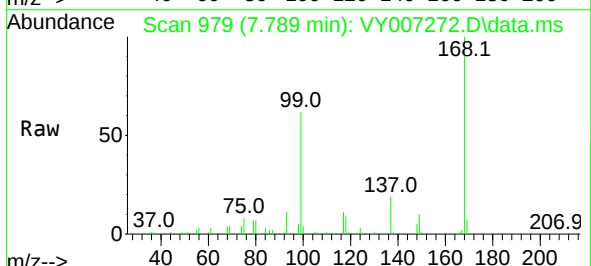
Tgt Ion: 56 Resp: 1961

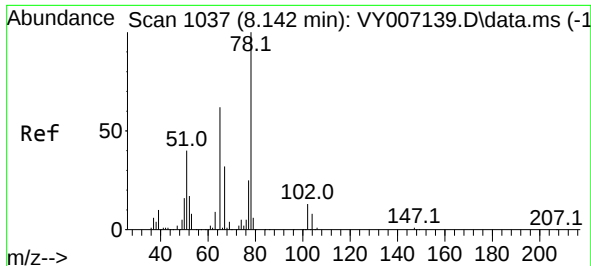
Ion Ratio Lower Upper

56 100

69 134.6 27.2 40.8#

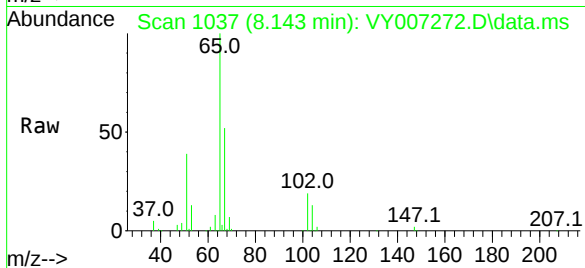
84 120.9 72.1 108.1#



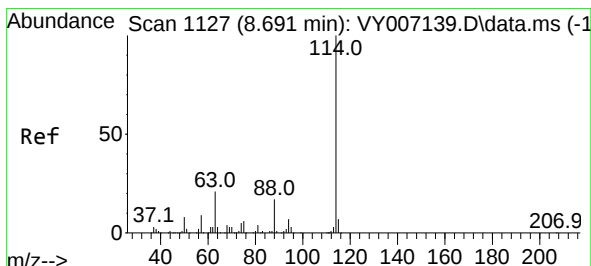
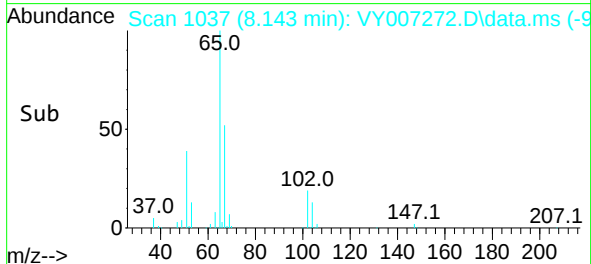
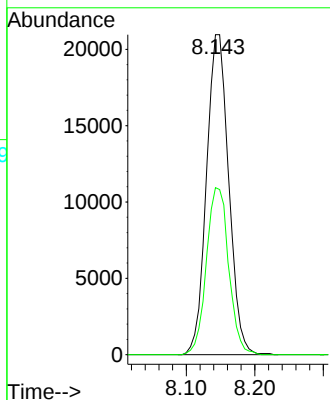


#33
 1,2-Dichloroethane-d4
 Concen: 48.452 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :

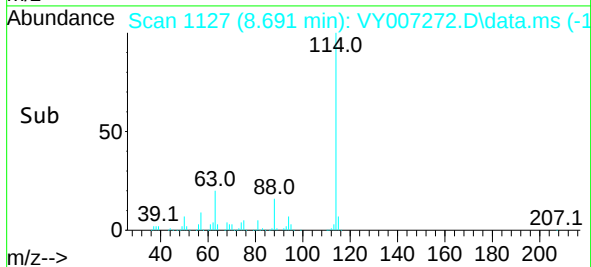
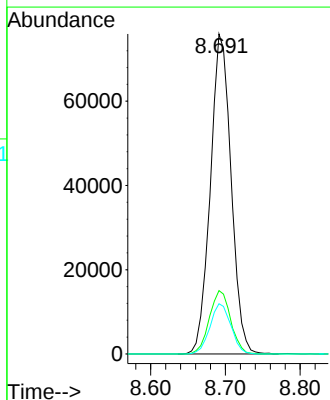
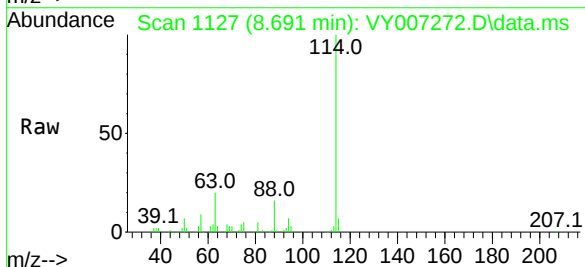


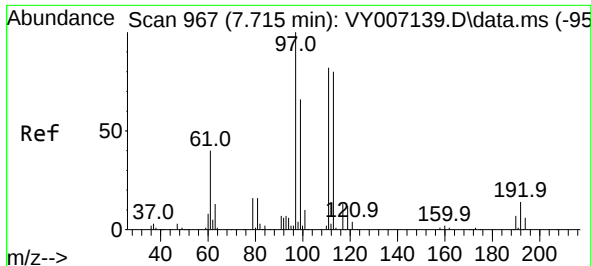
Tgt Ion: 65 Resp: 47286
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34

Tgt Ion: 114 Resp: 146806
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.928 ug/l

RT: 7.722 min Scan# 91

Delta R.T. 0.007 min

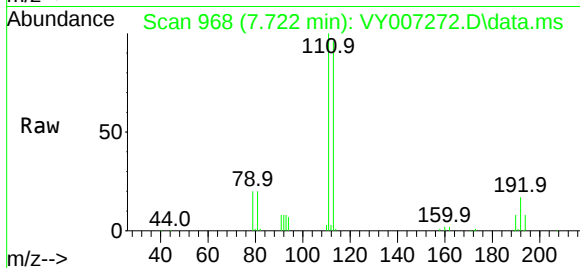
Lab File: VY007272.D

Acq: 24 Jan 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :



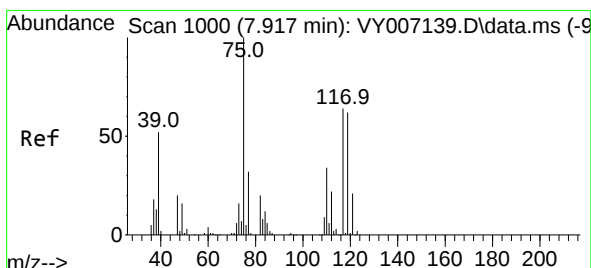
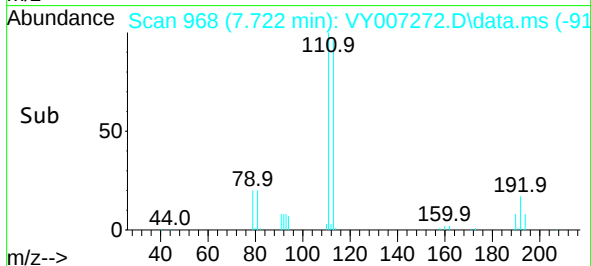
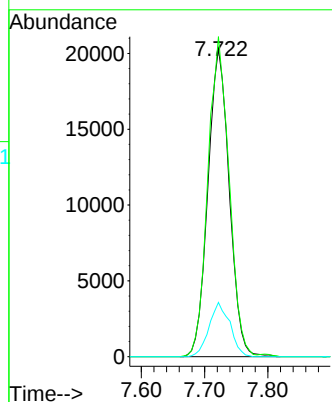
Tgt Ion:113 Resp: 47577

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.344 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.115 min

Lab File: VY007272.D

Acq: 24 Jan 2022 16:34

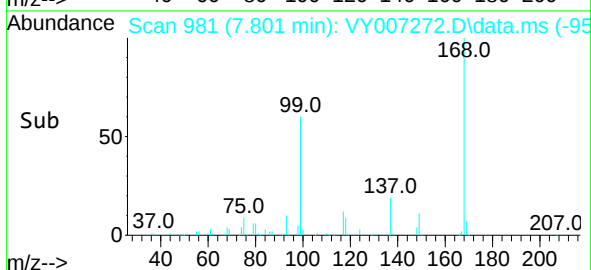
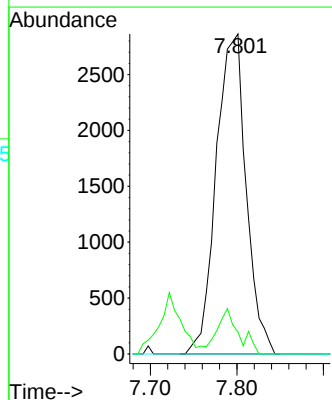
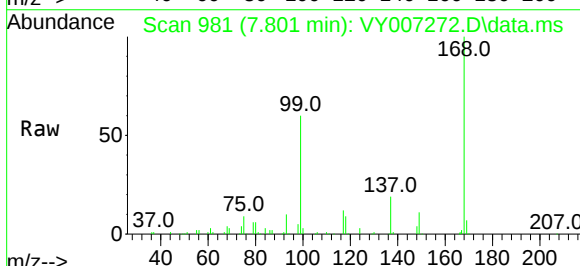
Tgt Ion: 75 Resp: 6887

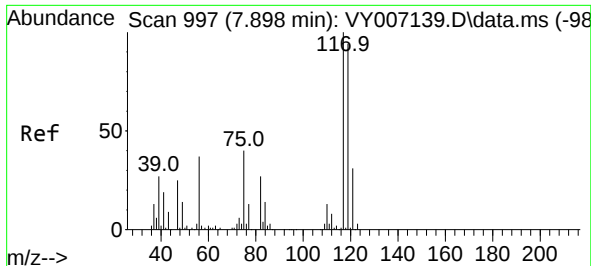
Ion Ratio Lower Upper

75 100

110 10.0 17.3 51.9#

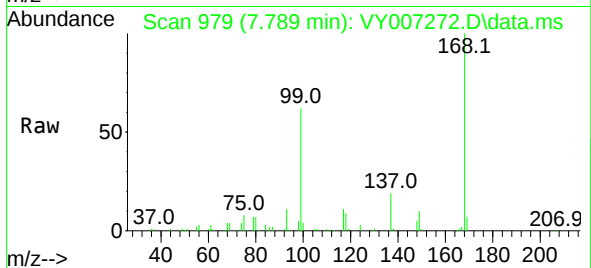
77 0.0 24.7 37.1#



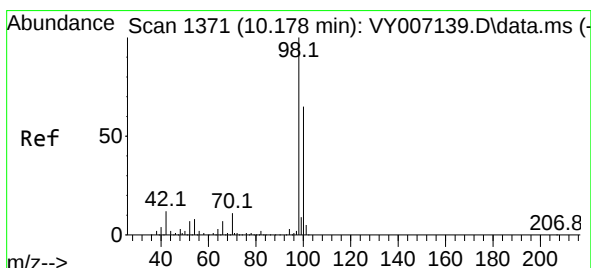
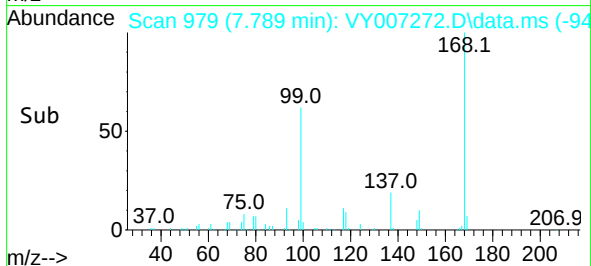
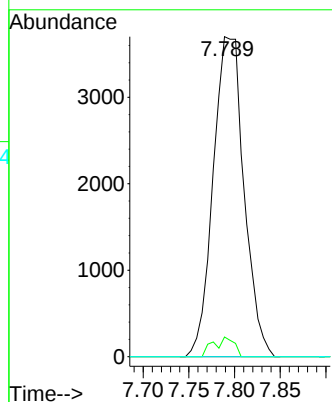


#38
Carbon Tetrachloride
Concen: 5.209 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Instrument :
MSVOA_Y
ClientSampleId :

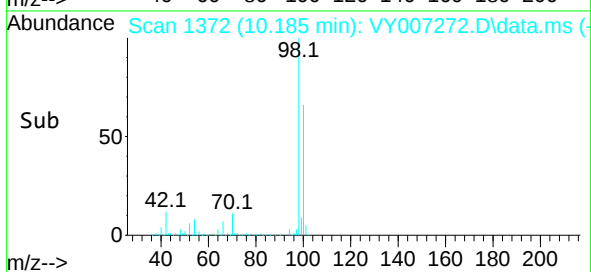
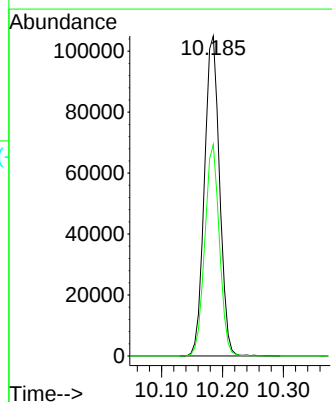
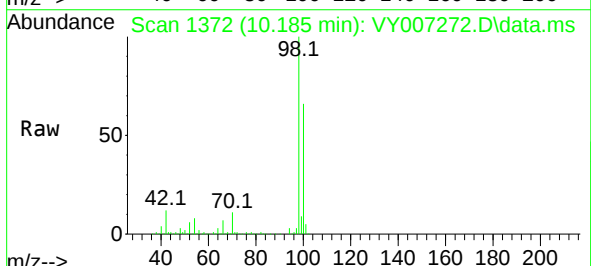


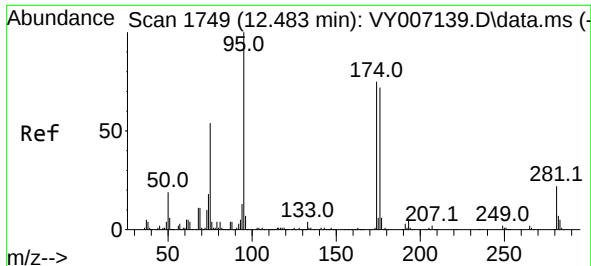
Tgt Ion:117 Resp: 8687
Ion Ratio Lower Upper
117 100
119 6.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Tgt Ion: 98 Resp: 181376
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2

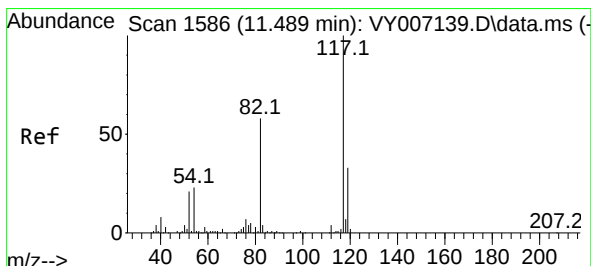
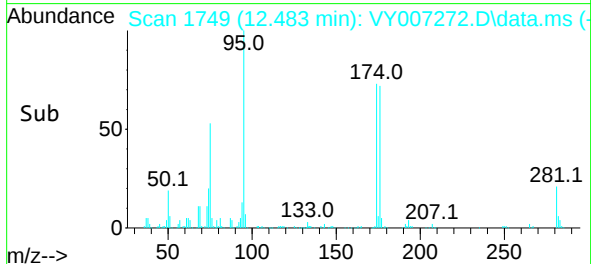
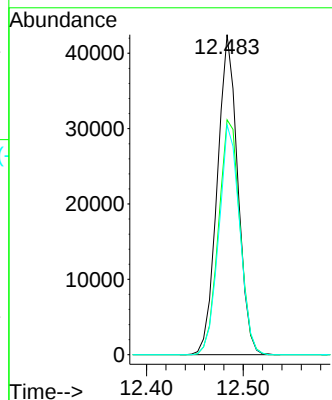
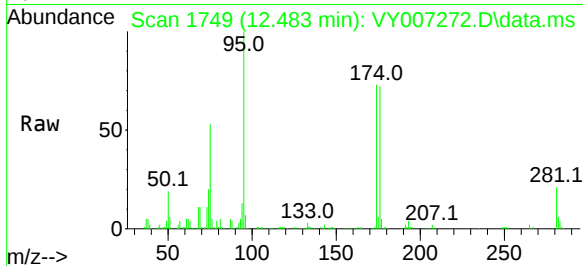




#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

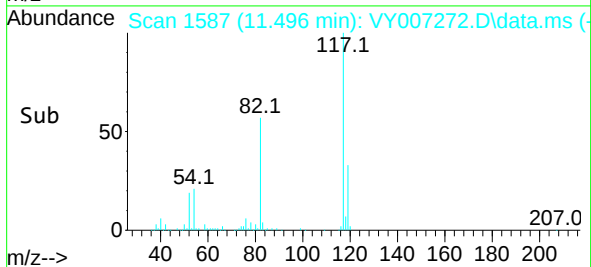
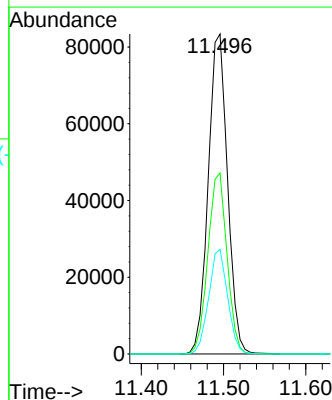
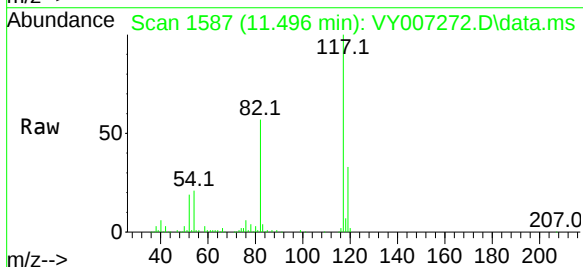
Instrument :
MSVOA_Y
ClientSampleId :

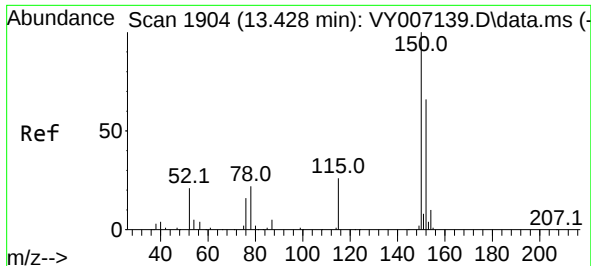
Tgt Ion: 95 Resp: 62400
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.4
176 73.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

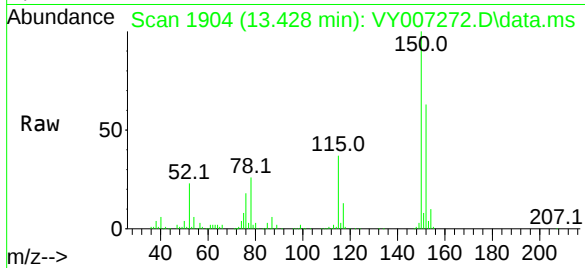
Tgt Ion: 117 Resp: 135890
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.7 26.4 39.6



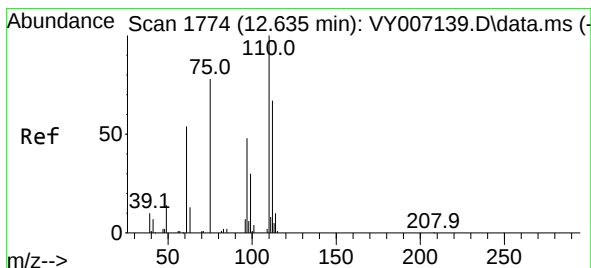
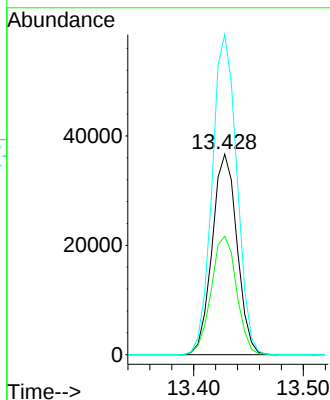
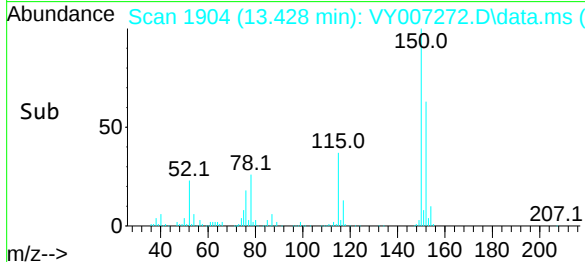


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34

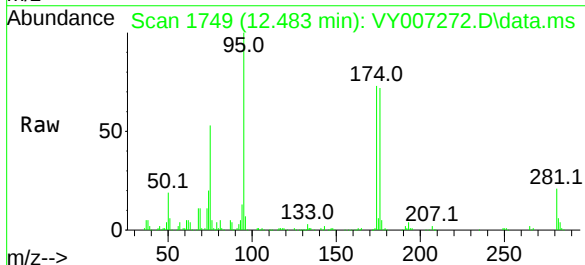
Instrument :
 MSVOA_Y
 ClientSampleId :



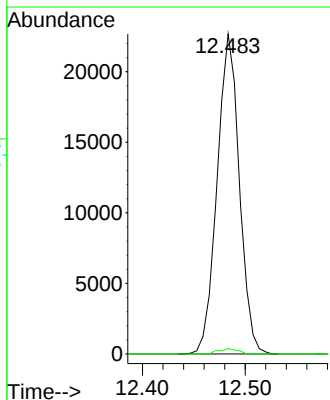
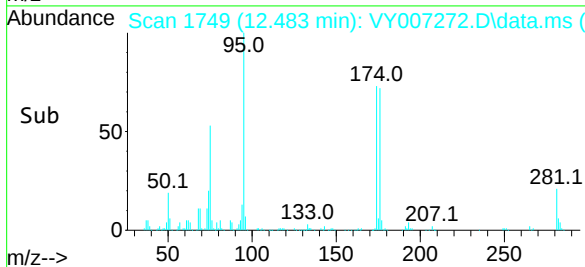
Tgt Ion:152 Resp: 57680
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.4 94.0
 150 159.0 0.0 348.4

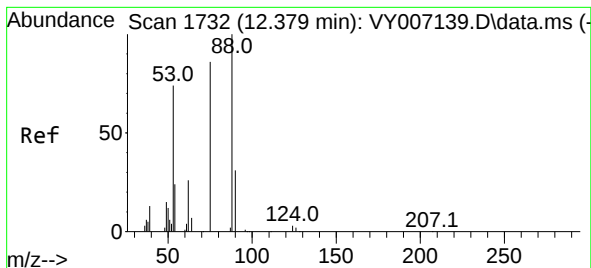


#76
 1,2,3-Trichloropropane
 Concen: 51.657 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34



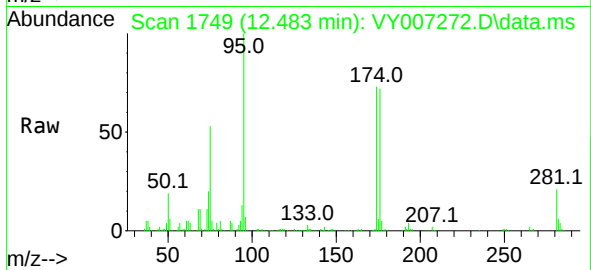
Tgt Ion: 75 Resp: 33975
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.570 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33975
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.6 0.0 0.0#

