

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009899.D
 Acq On : 09 Aug 2022 01:34
 Operator : KP/MD
 Sample : N3963-16
 Misc : 3.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-ES

Quant Time: Aug 09 06:59:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	57028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	109901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28009	64.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.780%
35) Dibromofluoromethane	7.710	113	25209	40.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.620%
50) Toluene-d8	10.173	98	90315	47.315	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.640%
62) 4-Bromofluorobenzene	12.483	95	29240	33.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.980%

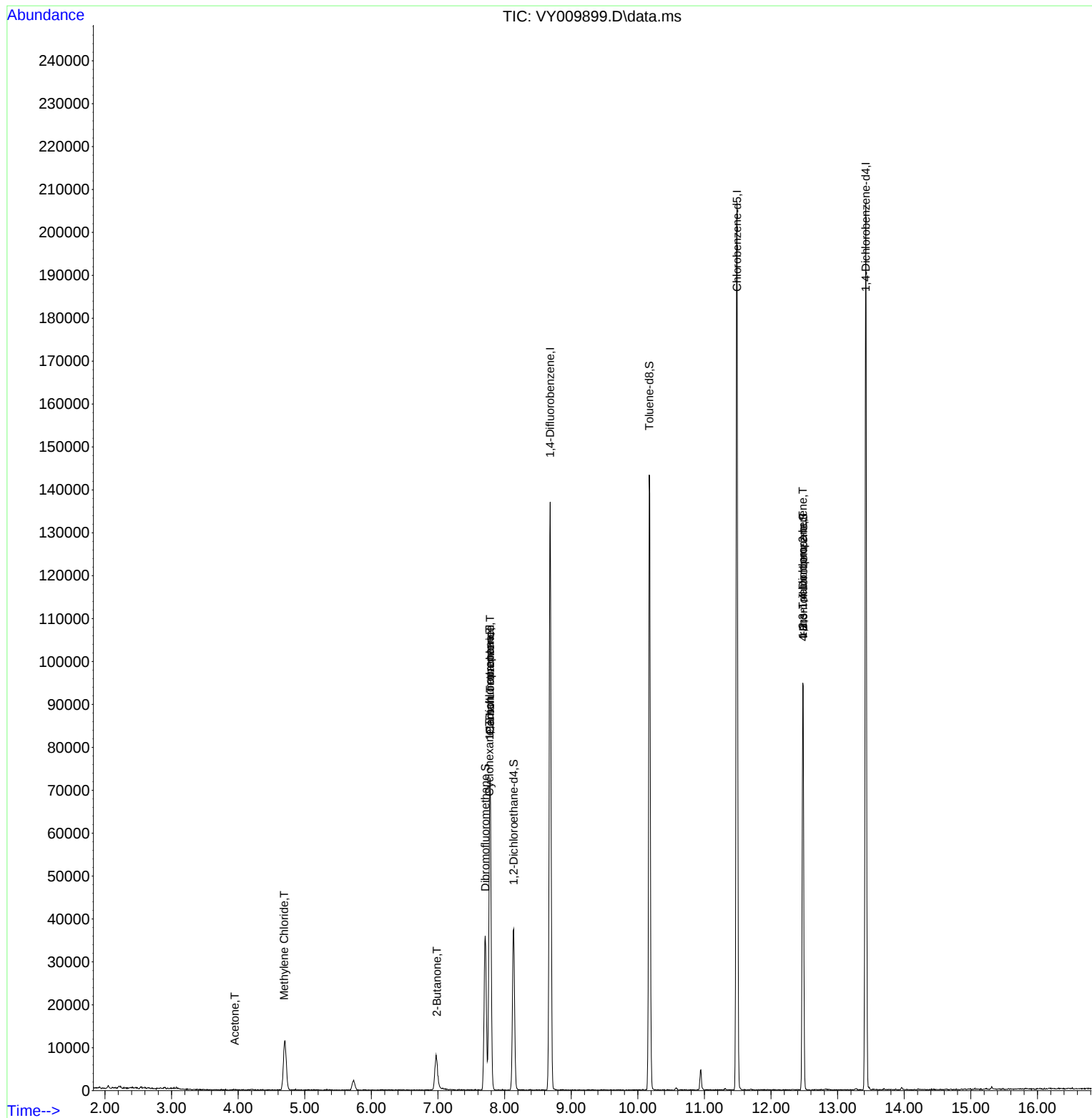
Target Compounds					Qvalue	
16) Acetone	3.948	43	220	1.368	ug/l #	45
18) Methyl Acetate	4.454	43	147	Below Cal	#	52
20) Methylene Chloride	4.692	84	8195	2.374	ug/l	95
25) 2-Butanone	6.984	43	517	1.952	ug/l #	48
31) Cyclohexane	7.771	56	1325	1.197	ug/l #	53
36) 1,1-Dichloropropene	7.777	75	4641	4.398	ug/l #	48
38) Carbon Tetrachloride	7.783	117	5502	5.253	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	15238	28.478	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	15238	57.575	ug/l #	13

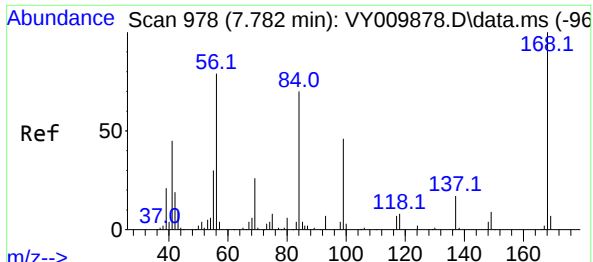
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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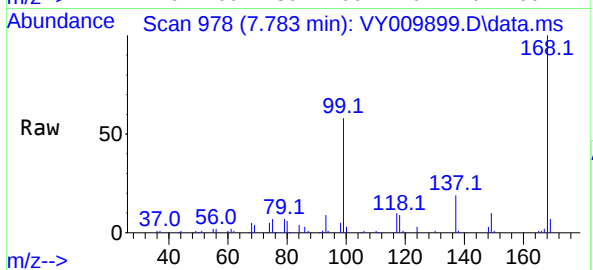
Quant Time: Aug 09 06:59:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
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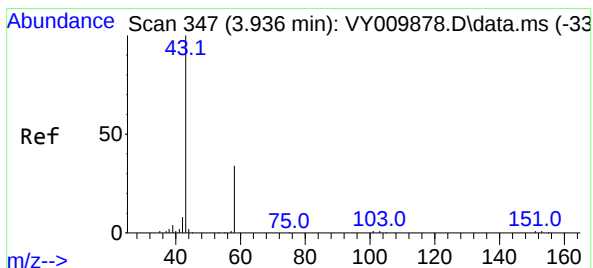
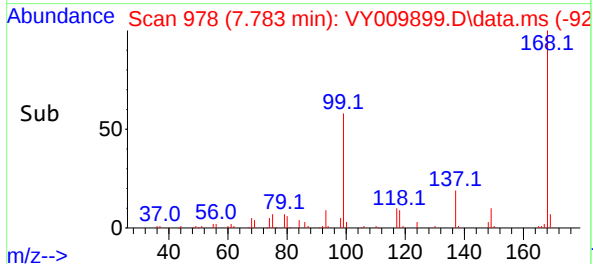
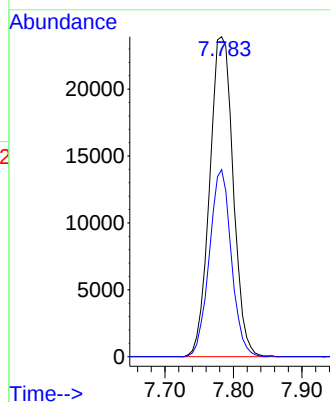


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

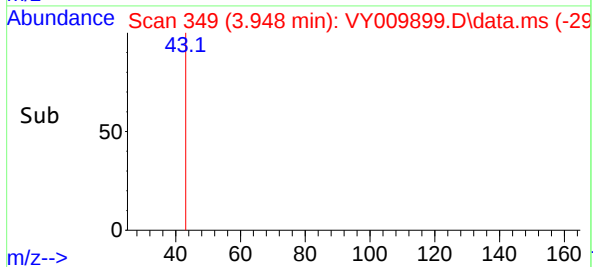
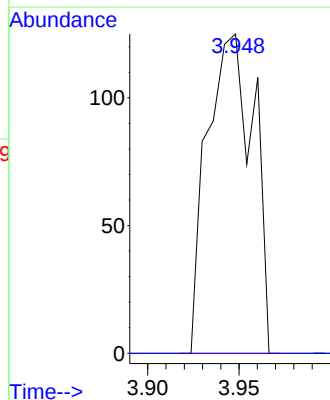
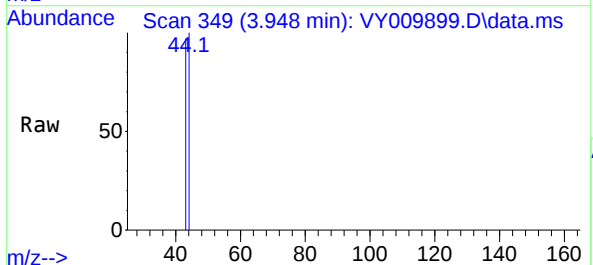


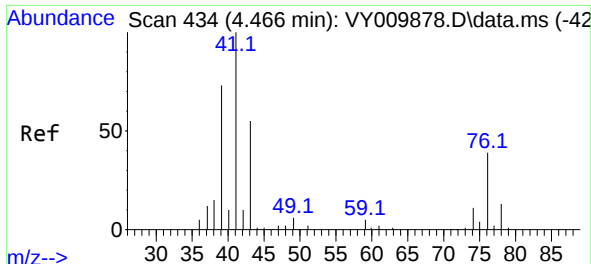
Tgt Ion:168 Resp: 57028
Ion Ratio Lower Upper
168 100
99 58.4 42.1 63.1



#16
Acetone
Concen: 1.368 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

Tgt Ion: 43 Resp: 220
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

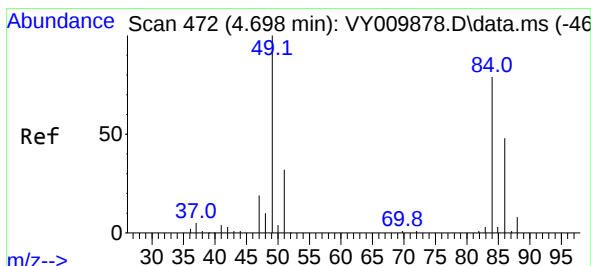
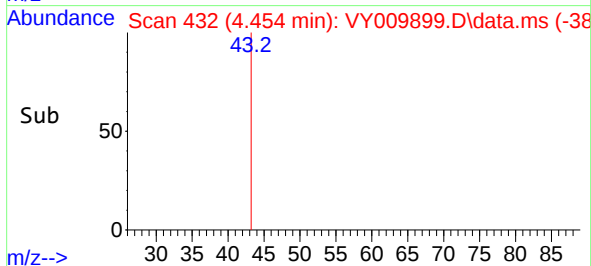
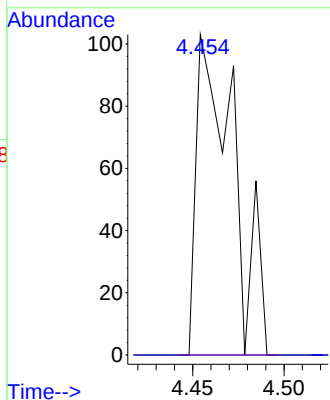
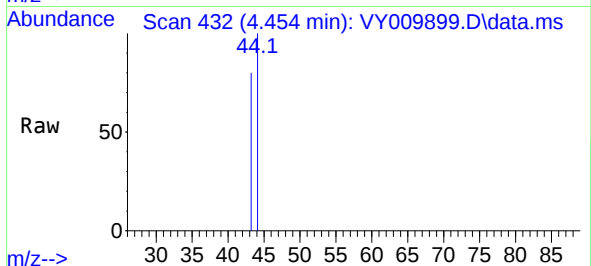




#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

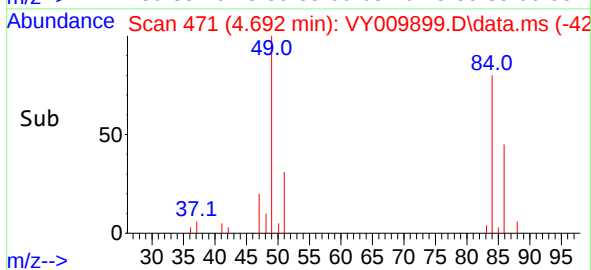
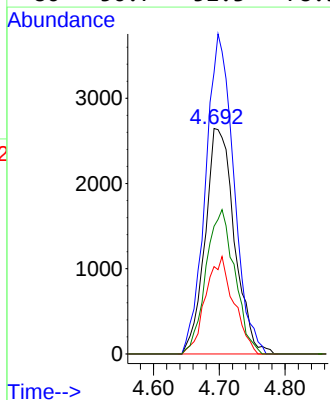
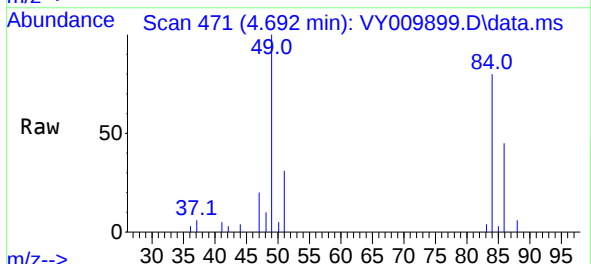
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

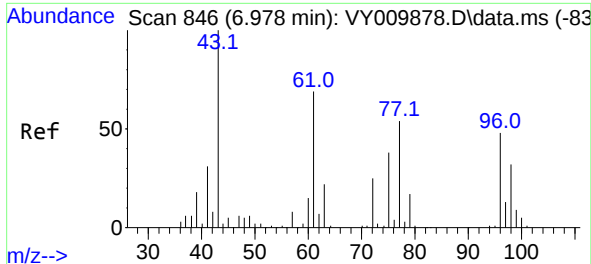
Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 2.374 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

Tgt Ion: 84 Resp: 8195
Ion Ratio Lower Upper
84 100
49 124.8 98.2 147.4
51 38.7 33.4 50.0
86 56.7 52.3 78.5





#25

2-Butanone

Concen: 1.952 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009899.D

Acq: 09 Aug 2022 01:34

Instrument :

MSVOA_Y

ClientSampleId :

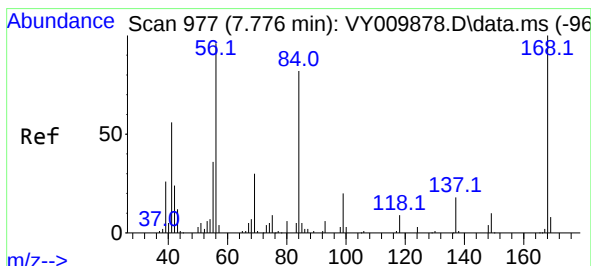
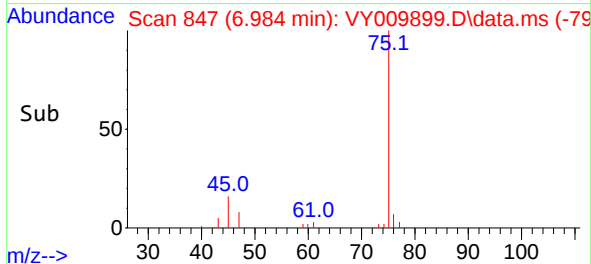
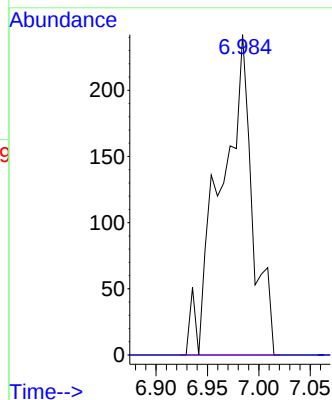
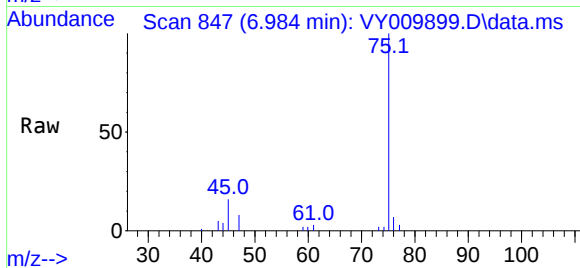
MH-ES

Tgt Ion: 43 Resp: 517

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.197 ug/l

RT: 7.771 min Scan# 976

Delta R.T. -0.005 min

Lab File: VY009899.D

Acq: 09 Aug 2022 01:34

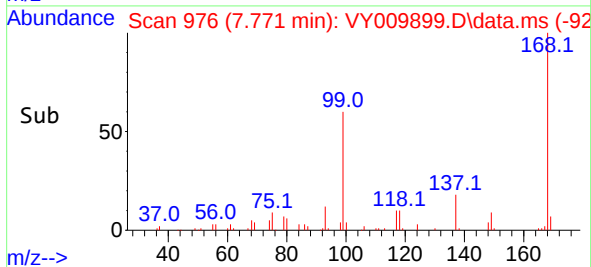
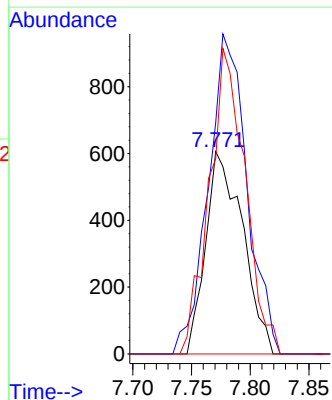
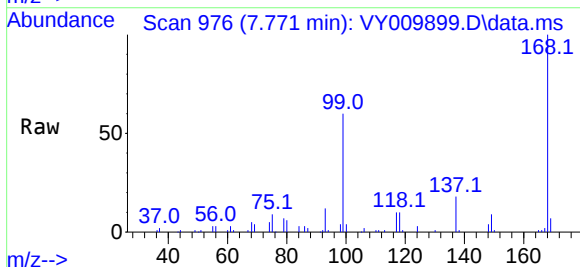
Tgt Ion: 56 Resp: 1325

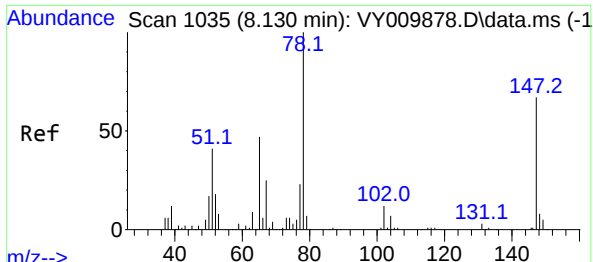
Ion Ratio Lower Upper

56 100

69 114.4 26.0 39.0#

84 96.4 69.5 104.3





#33

1,2-Dichloroethane-d4

Concen: 64.393 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY009899.D

Acq: 09 Aug 2022 01:34

Instrument :

MSVOA_Y

ClientSampleId :

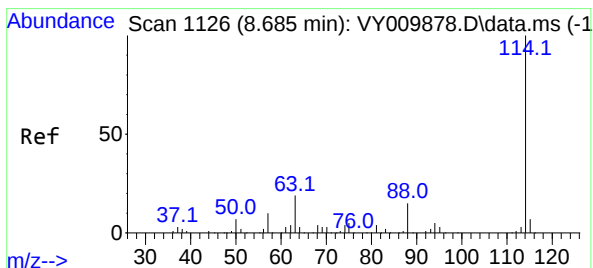
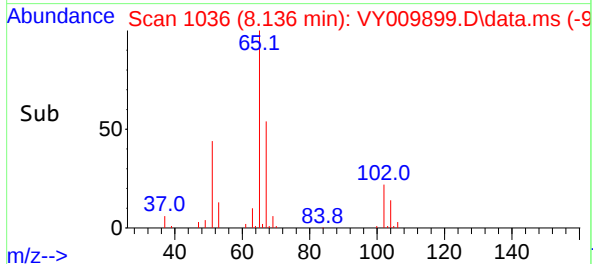
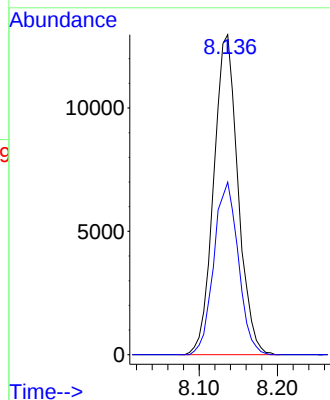
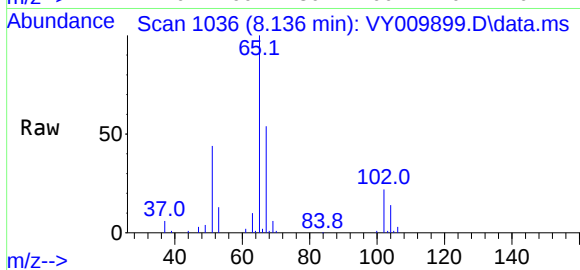
MH-ES

Tgt Ion: 65 Resp: 28009

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009899.D

Acq: 09 Aug 2022 01:34

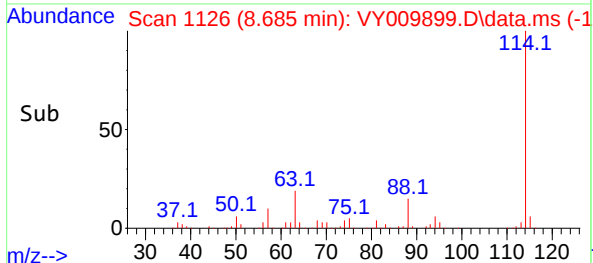
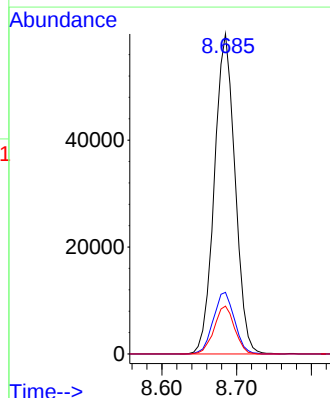
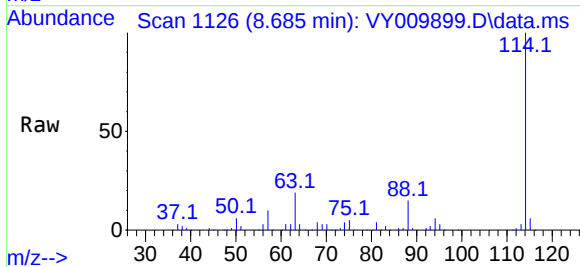
Tgt Ion: 114 Resp: 115202

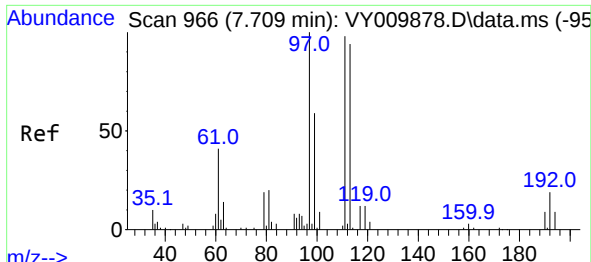
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

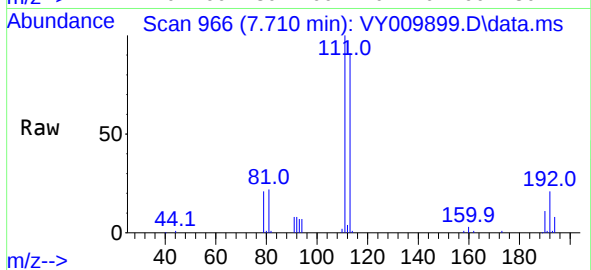
88 14.9 0.0 30.0



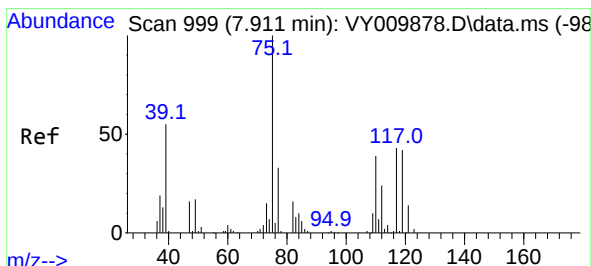
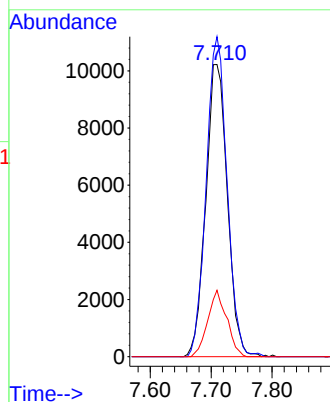
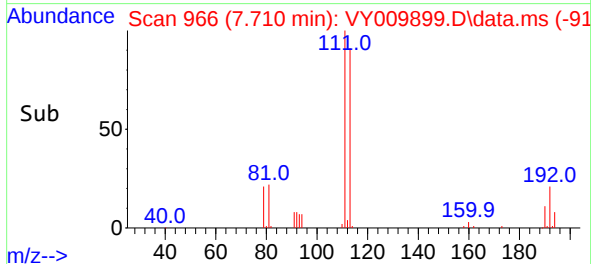


#35
Dibromofluoromethane
Concen: 40.311 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

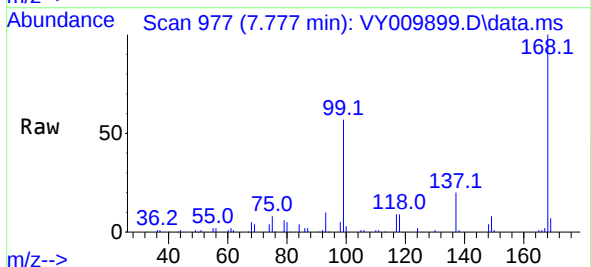
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES



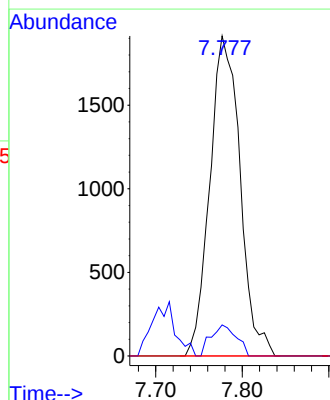
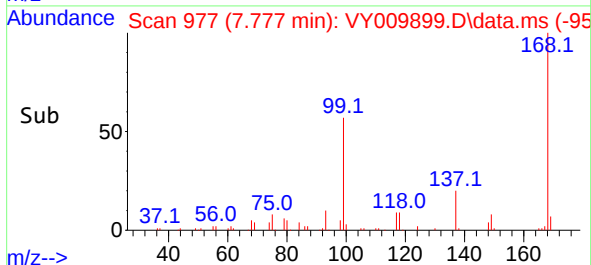
Tgt Ion:113 Resp: 25209
Ion Ratio Lower Upper
113 100
111 105.6 80.6 120.8
192 20.1 16.2 24.4

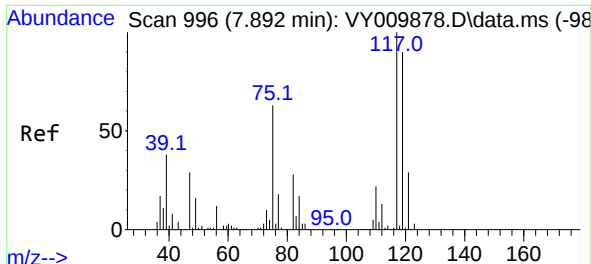


#36
1,1-Dichloropropene
Concen: 4.398 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34



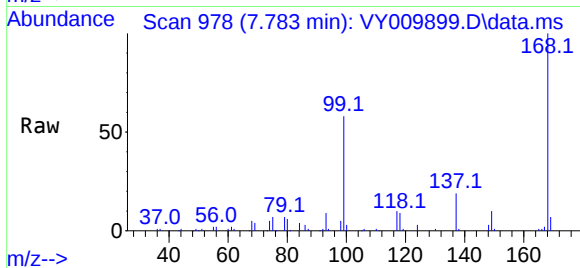
Tgt Ion: 75 Resp: 4641
Ion Ratio Lower Upper
75 100
110 8.2 18.6 56.0#
77 0.0 25.0 37.4#



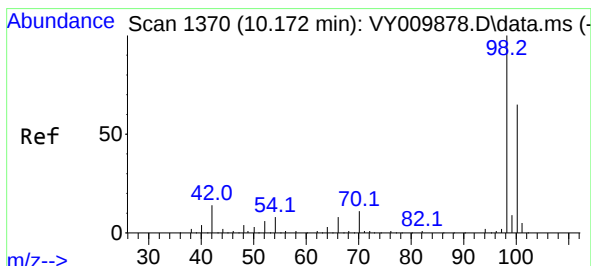
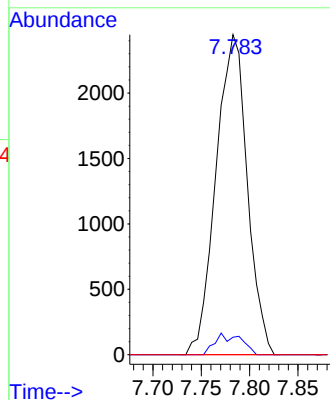
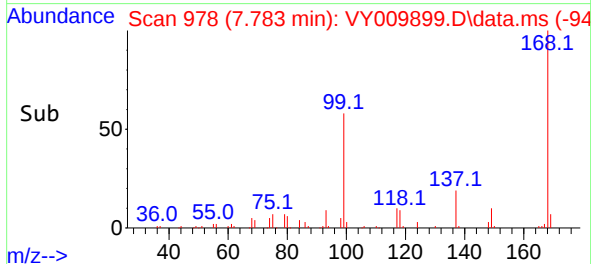


#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

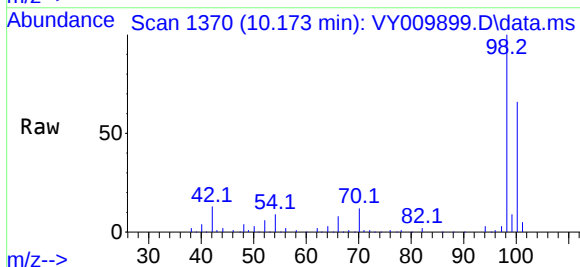
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES



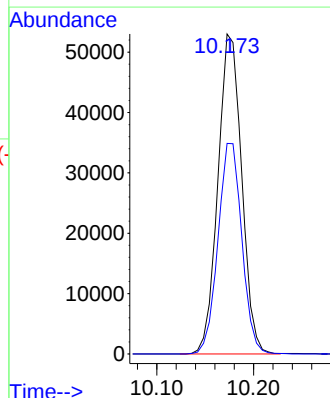
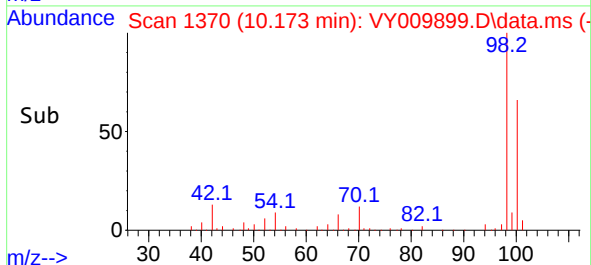
Tgt Ion:117 Resp: 5502
Ion Ratio Lower Upper
117 100
119 5.5 75.9 113.9#
121 0.0 24.9 37.3#

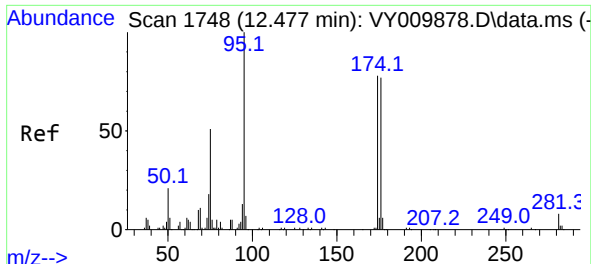


#50
Toluene-d8
Concen: 47.315 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34



Tgt Ion: 98 Resp: 90315
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3

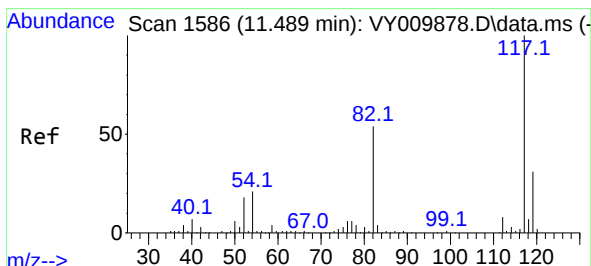
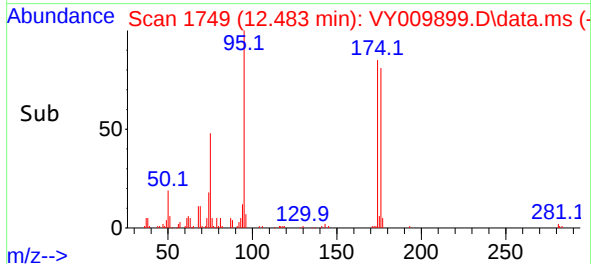
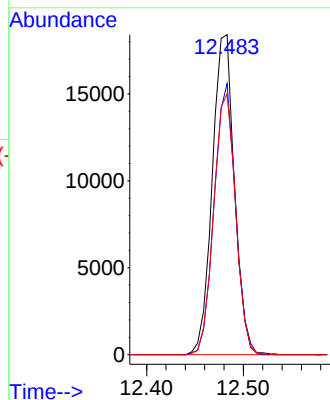
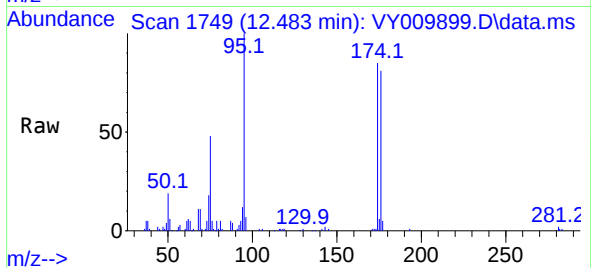




#62
4-Bromofluorobenzene
Concen: 33.486 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

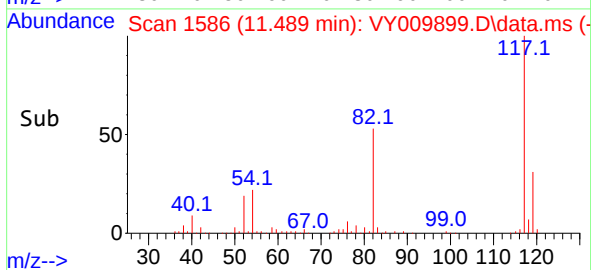
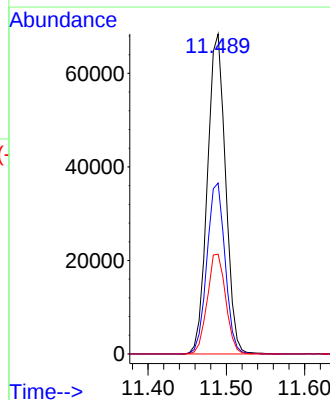
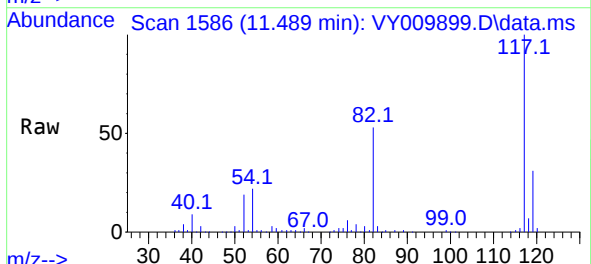
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

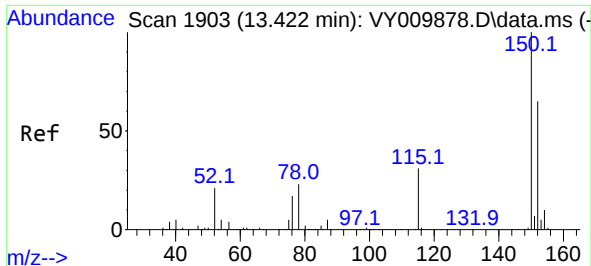
Tgt Ion: 95 Resp: 29240
Ion Ratio Lower Upper
95 100
174 81.3 0.0 173.8
176 80.8 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

Tgt Ion: 117 Resp: 109901
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 31.2 25.6 38.4

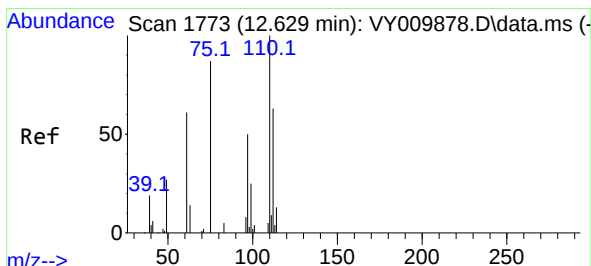
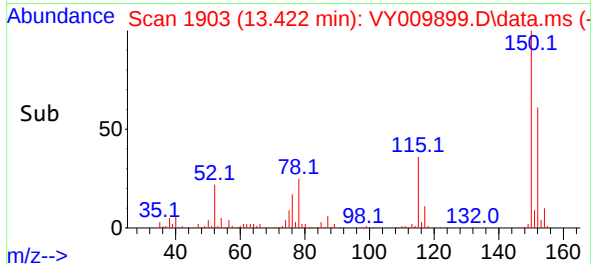
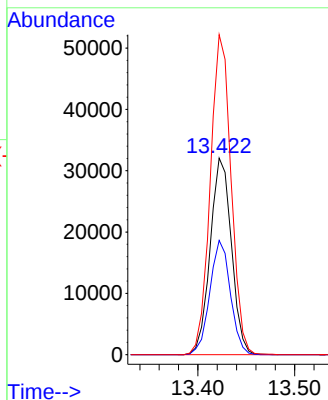
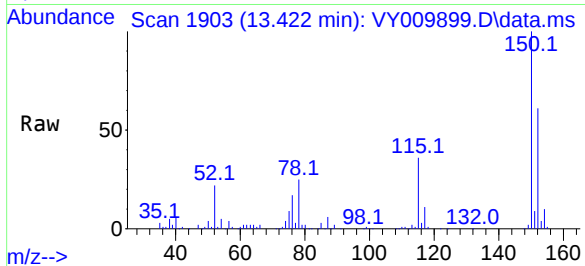




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

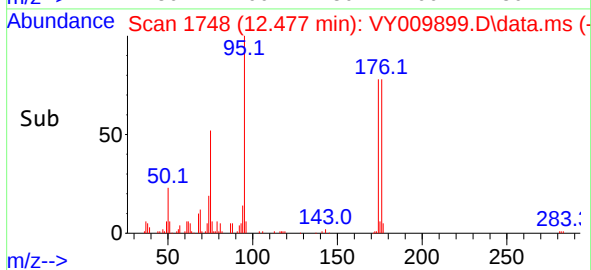
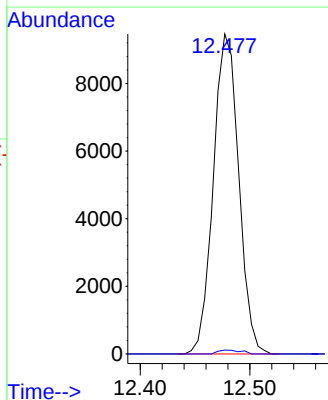
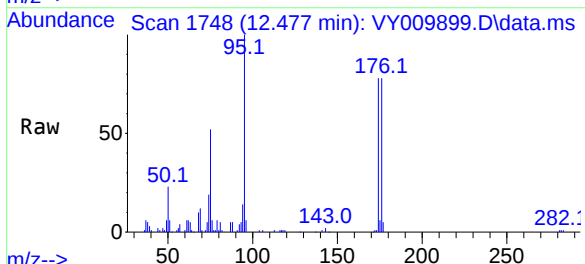
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

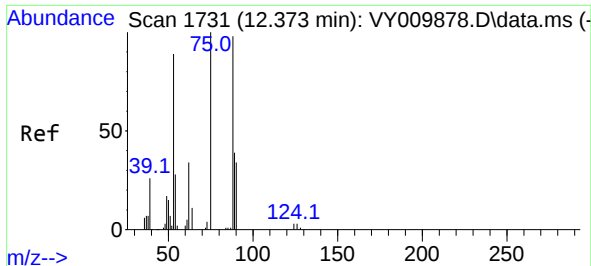
Tgt Ion:152 Resp: 48907
Ion Ratio Lower Upper
152 100
115 56.3 28.6 85.9
150 159.4 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 28.478 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009899.D
Acq: 09 Aug 2022 01:34

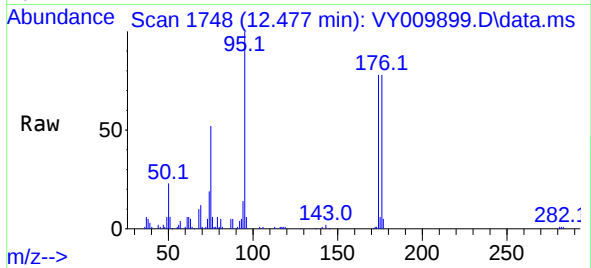
Tgt Ion: 75 Resp: 15238
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.575 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009899.D
 Acq: 09 Aug 2022 01:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-ES



Tgt Ion:	75	Resp:	15238
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

