

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025493.D
 Acq On : 03 Dec 2021 19:26
 Operator : JC/MD
 Sample : M4924-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20211202

Quant Time: Dec 04 06:53:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

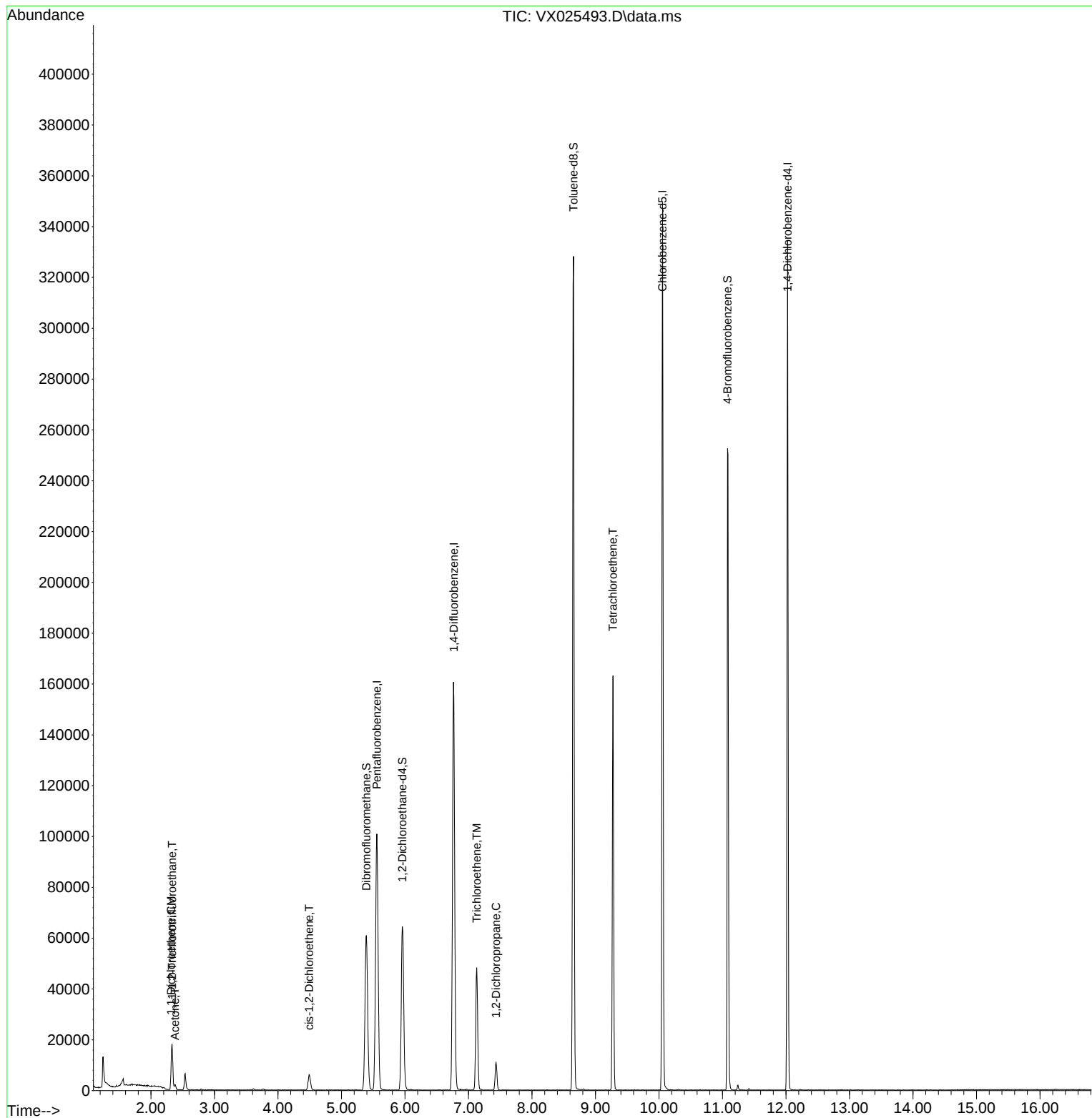
Internal Standards						
1) Pentafluorobenzene	5.556	168	100455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	173347	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60904	57.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.040%	
35) Dibromofluoromethane	5.391	113	53283	50.097	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.200%	
50) Toluene-d8	8.653	98	199825	49.969	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	11.079	95	70560	46.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.280%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	6828	7.304	ug/l	99
12) 1,1-Dichloroethene	2.319	96	504	0.541	ug/l #	70
16) Acetone	2.380	43	2205	3.748	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	3997	3.356	ug/l	85
44) Trichloroethene	7.129	130	19545	14.685	ug/l	90
45) 1,2-Dichloropropane	7.434	63	4463	3.966	ug/l	95
64) Tetrachloroethene	9.275	164	29724	23.021	ug/l	92

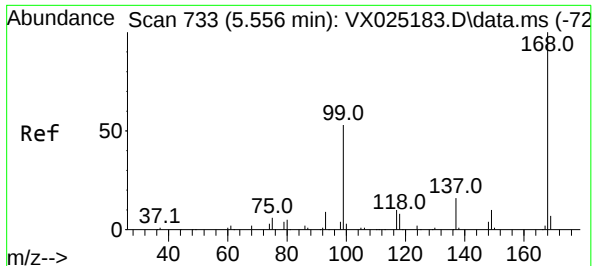
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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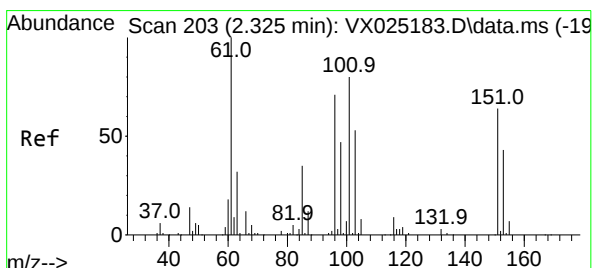
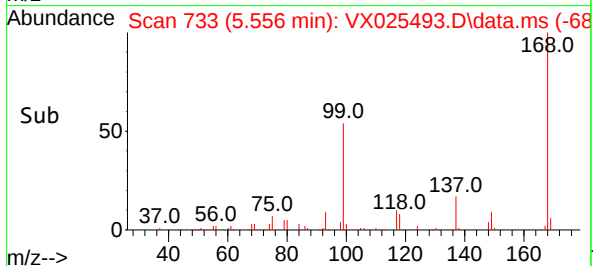
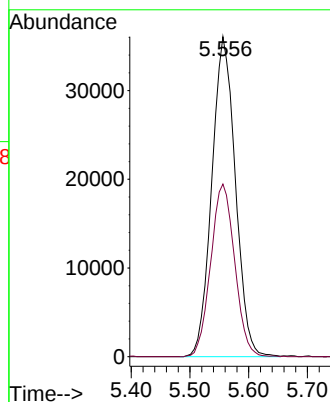
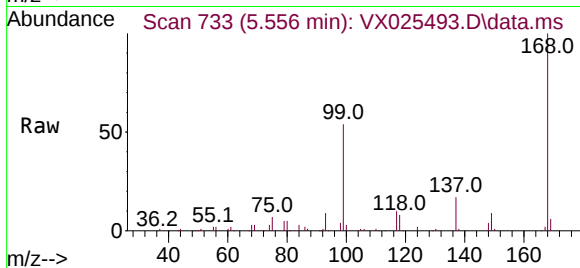




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

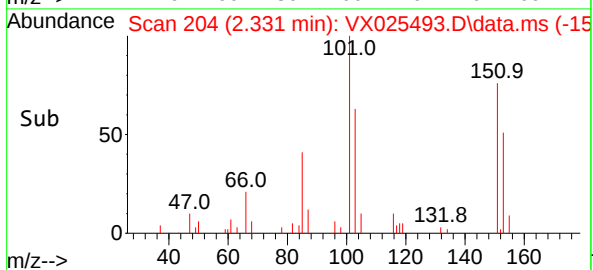
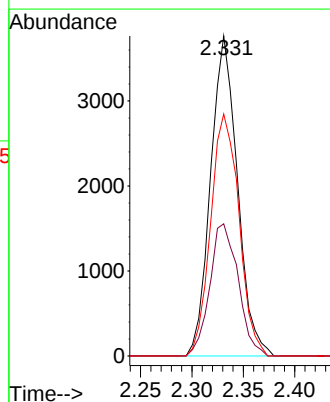
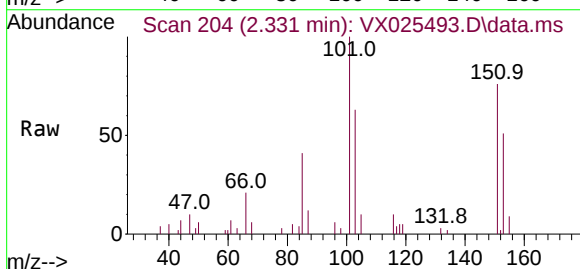
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20211202

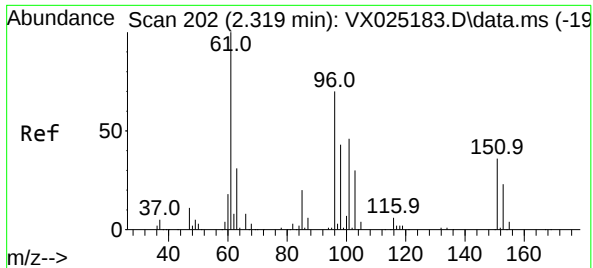
Tgt Ion:168 Resp: 100455
Ion Ratio Lower Upper
168 100
99 54.0 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.304 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion:101 Resp: 6828
Ion Ratio Lower Upper
101 100
85 43.6 35.9 53.9
151 79.7 64.4 96.6





#12

1,1-Dichloroethene

Concen: 0.541 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20211202

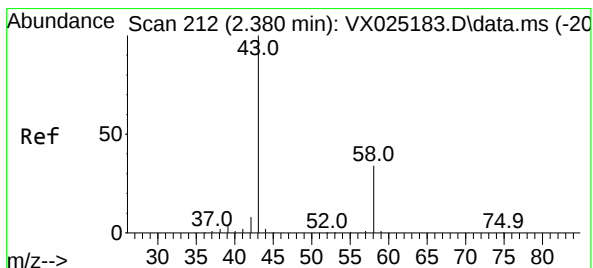
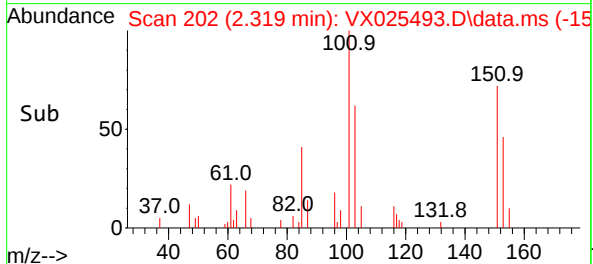
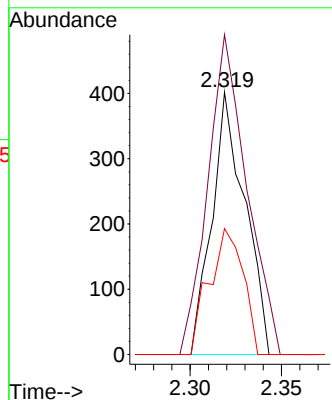
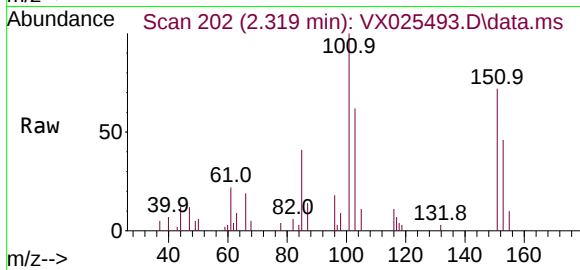
Tgt Ion: 96 Resp: 504

Ion Ratio Lower Upper

96 100

61 121.9 134.1 201.1#

98 48.0 51.5 77.3#



#16

Acetone

Concen: 3.748 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025493.D

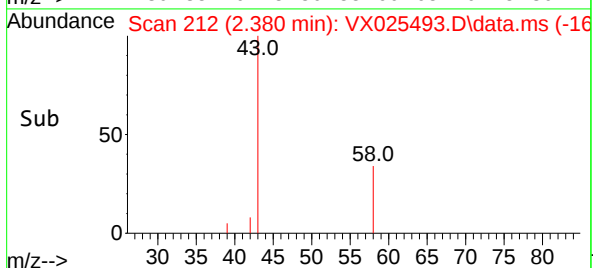
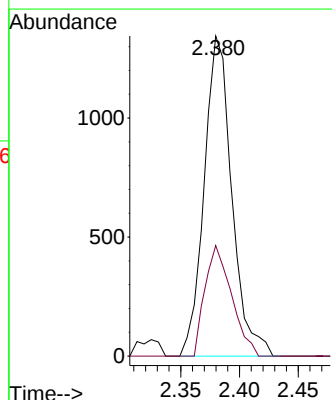
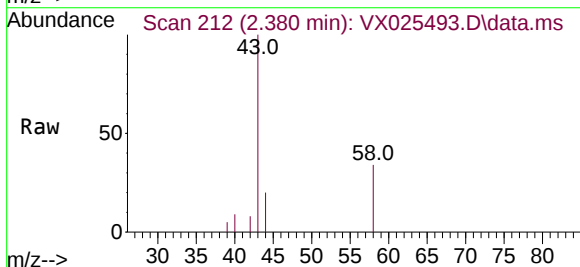
Acq: 03 Dec 2021 19:26

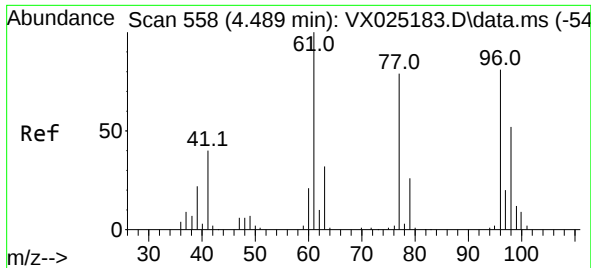
Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

58 34.5 24.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 3.356 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX025493.D

Acq: 03 Dec 2021 19:26

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20211202

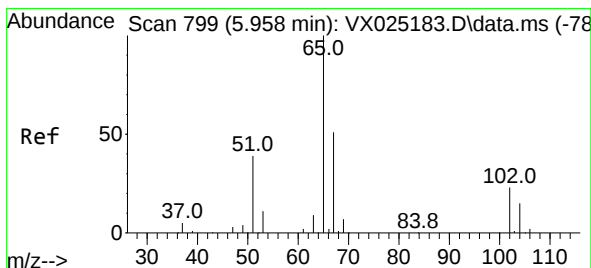
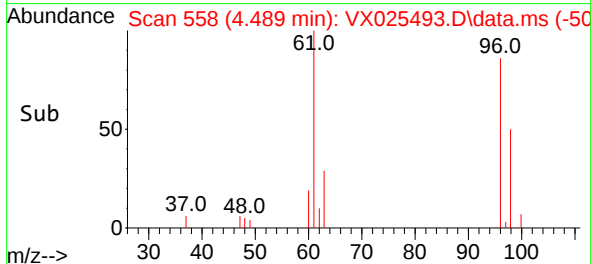
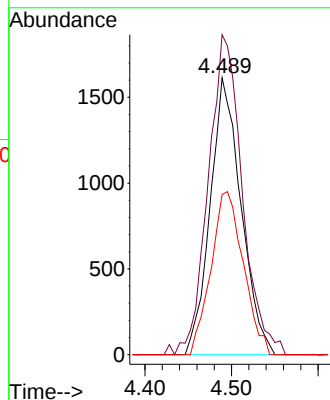
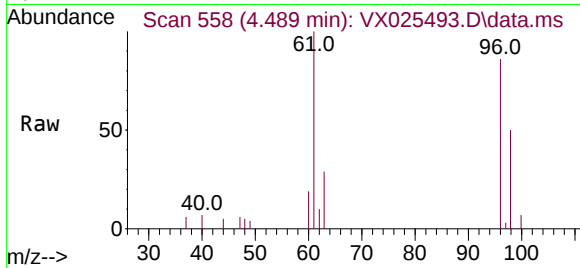
Tgt Ion: 96 Resp: 3997

Ion Ratio Lower Upper

96 100

61 127.2 0.0 302.2

98 61.6 0.0 131.4



#33

1,2-Dichloroethane-d4

Concen: 57.518 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025493.D

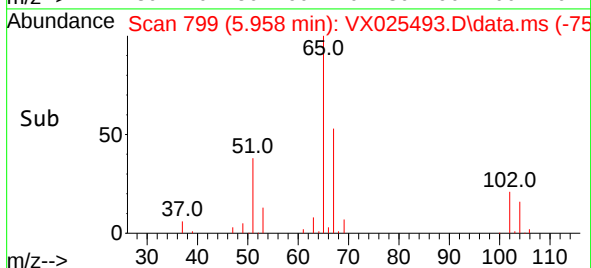
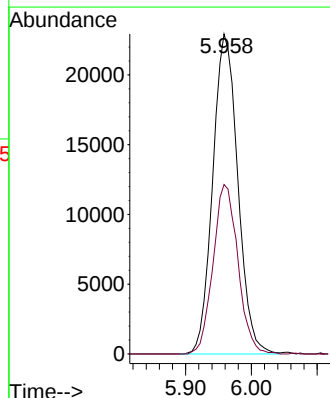
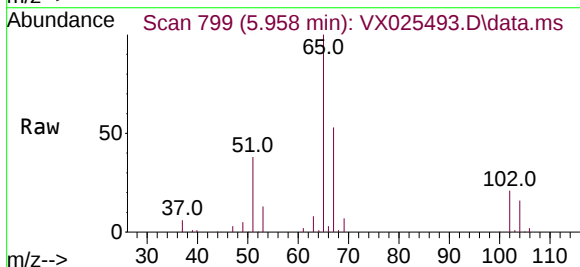
Acq: 03 Dec 2021 19:26

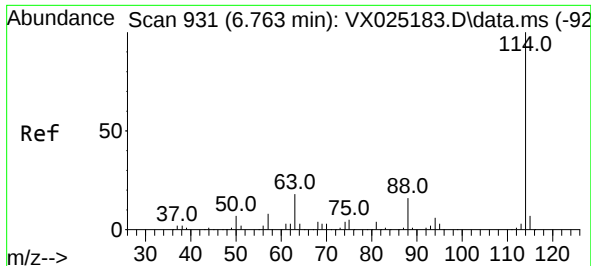
Tgt Ion: 65 Resp: 60904

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.0

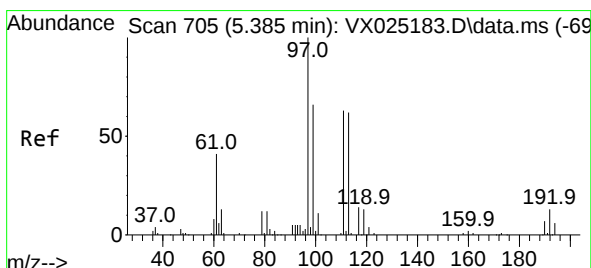
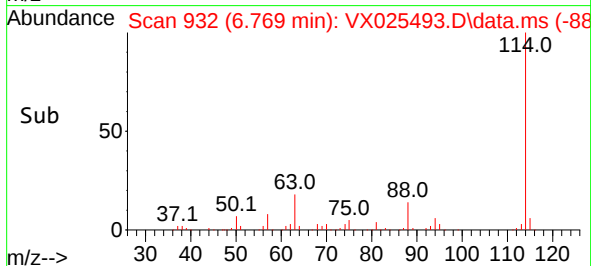
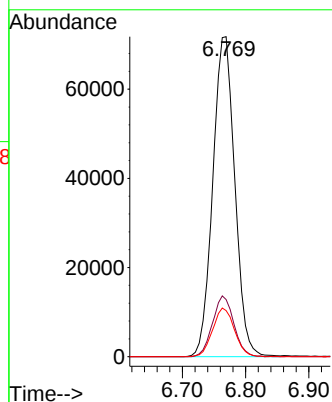
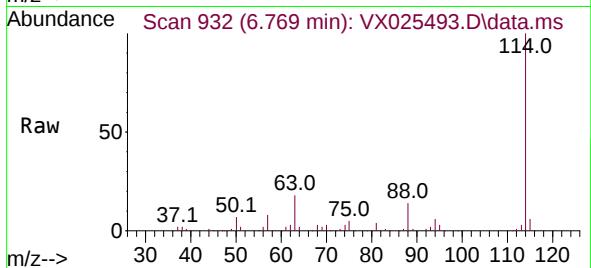




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

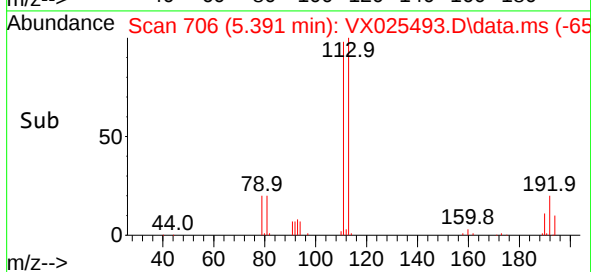
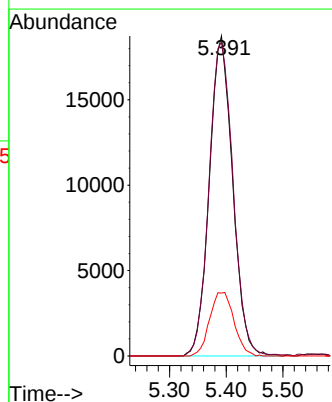
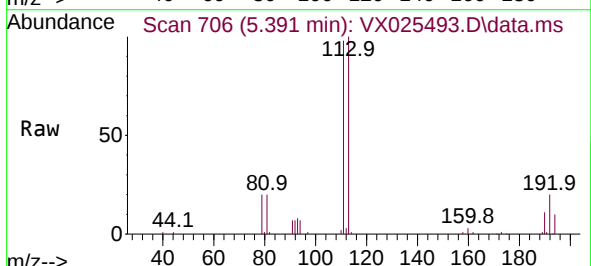
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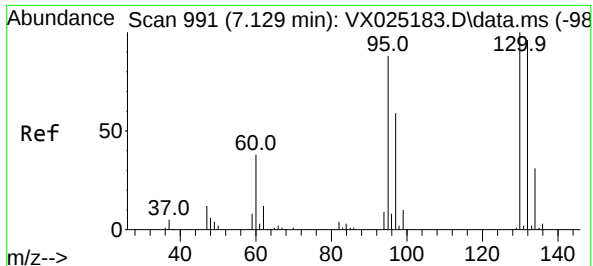
Tgt Ion:114 Resp: 173347
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 14.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.097 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion:113 Resp: 53283
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 20.8 15.6 23.4

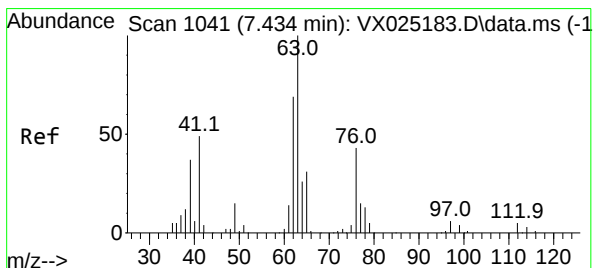
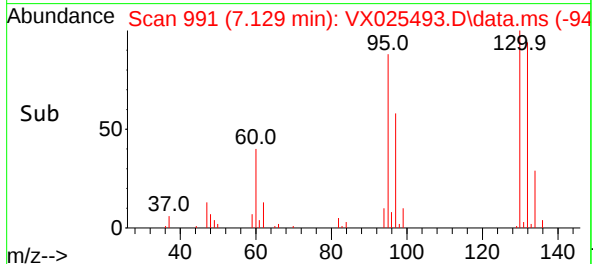
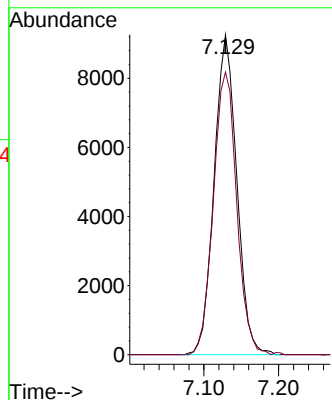
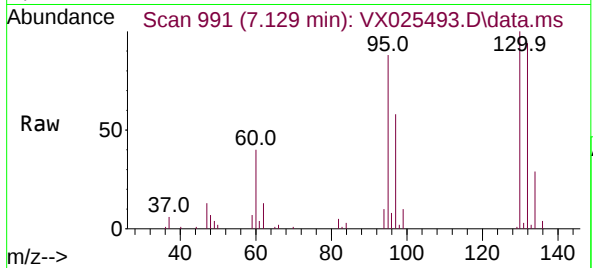




#44
Trichloroethene
Concen: 14.685 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

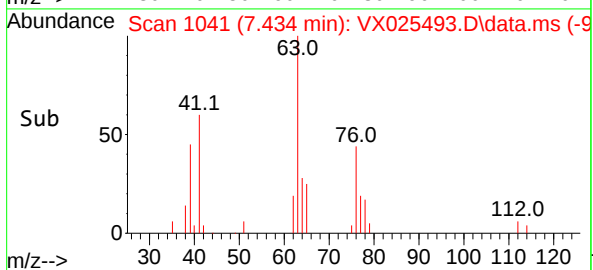
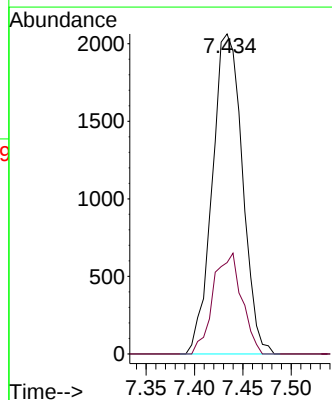
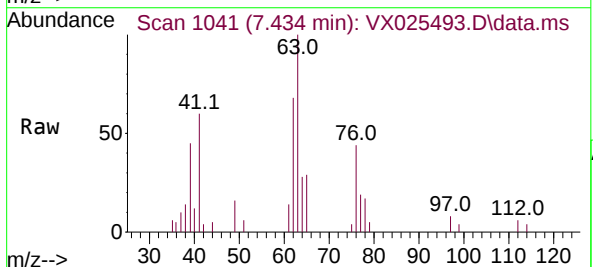
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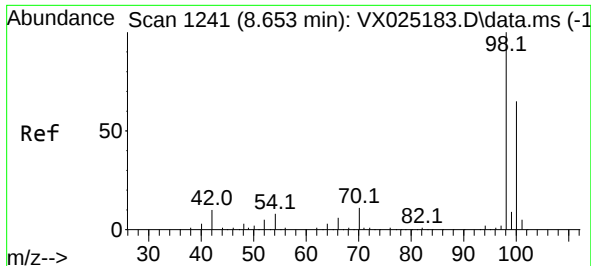
Tgt Ion:130 Resp: 19545
Ion Ratio Lower Upper
130 100
95 88.4 0.0 196.8



#45
1,2-Dichloropropane
Concen: 3.966 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 63 Resp: 4463
Ion Ratio Lower Upper
63 100
65 28.6 25.1 37.7

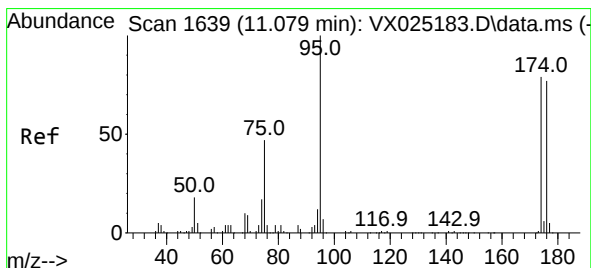
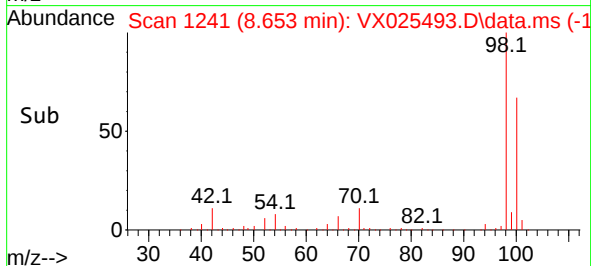
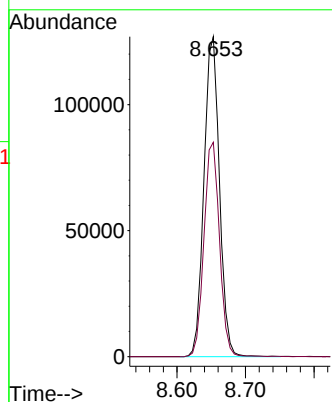
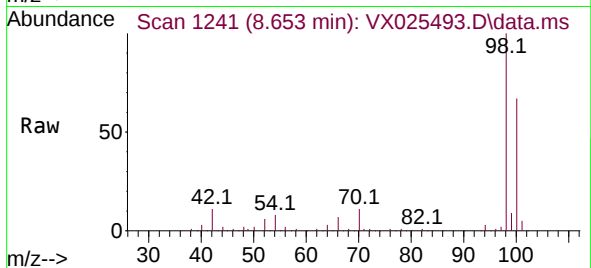




#50
Toluene-d8
Concen: 49.969 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

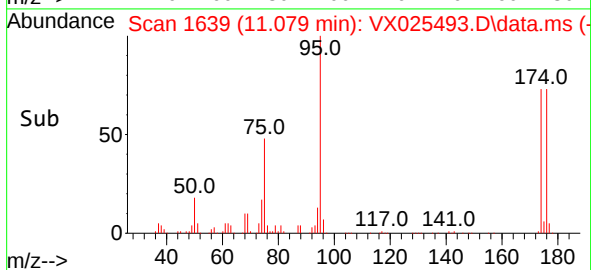
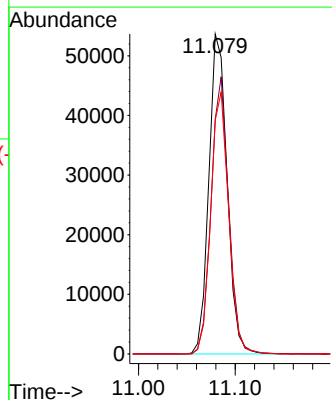
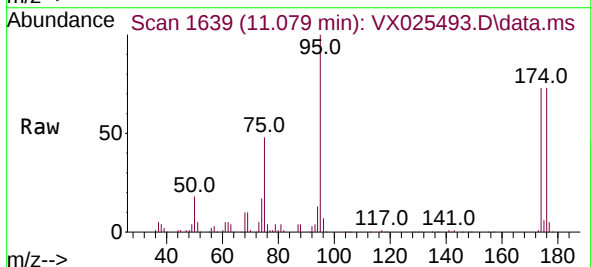
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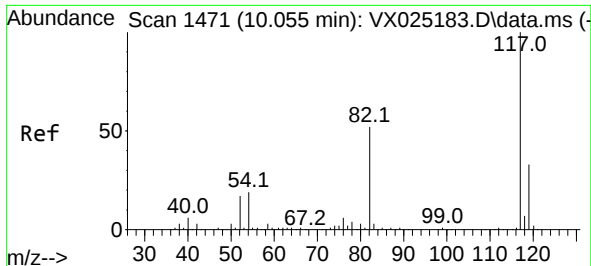
Tgt Ion: 98 Resp: 199825
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.640 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

Tgt Ion: 95 Resp: 70560
Ion Ratio Lower Upper
95 100
174 83.1 0.0 158.0
176 80.3 0.0 153.6

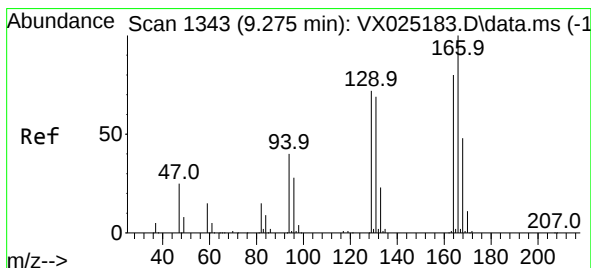
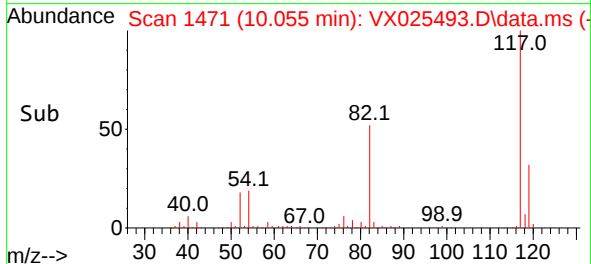
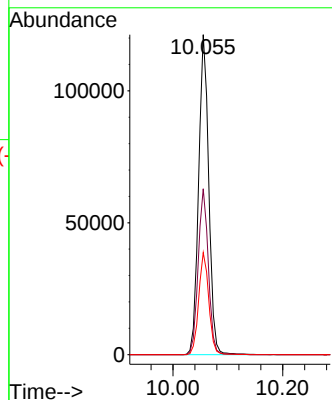
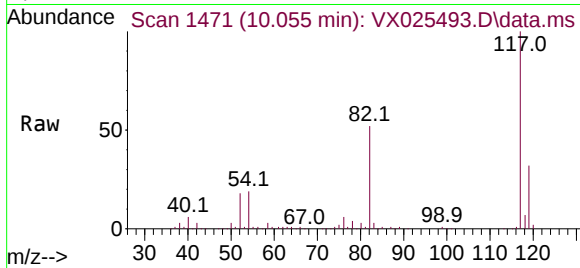




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

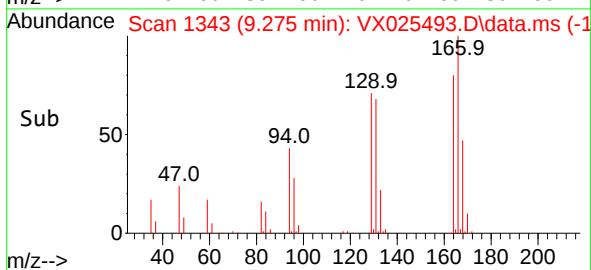
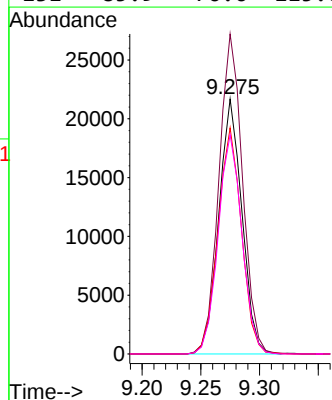
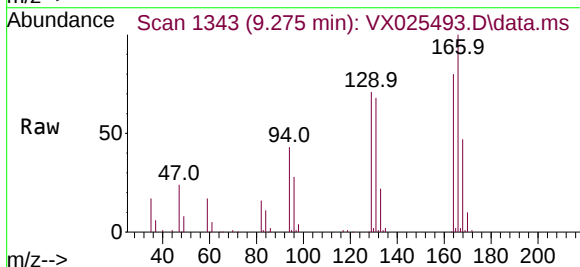
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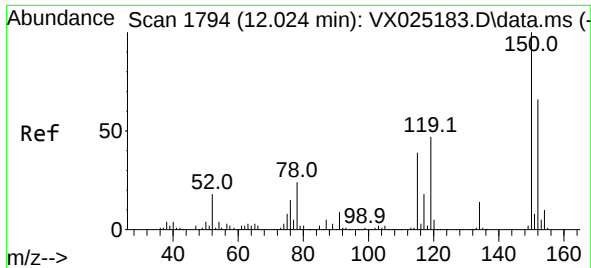
Tgt Ion:117 Resp: 156581
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 23.021 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025493.D
Acq: 03 Dec 2021 19:26

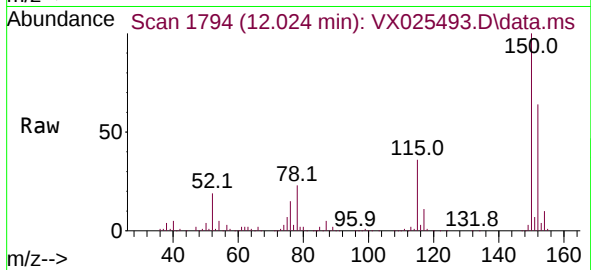
Tgt Ion:164 Resp: 29724
Ion Ratio Lower Upper
164 100
166 125.5 103.2 154.8
129 88.6 81.0 121.4
131 85.9 76.6 115.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025493.D
 Acq: 03 Dec 2021 19:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20211202



Tgt Ion:152 Resp: 68825
 Ion Ratio Lower Upper
 152 100
 115 57.0 43.3 129.8
 150 157.4 0.0 351.2

