

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034548.D
 Acq On : 16 Mar 2023 16:11
 Operator : JC/MD
 Sample : 01903-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20230312DL

Quant Time: Mar 17 06:27:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	235302	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.763	114	405573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	354518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164385	48.021	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.385	113	127022	47.435	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.880%
50) Toluene-d8	8.647	98	487727	48.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	184620	45.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	213895	81.778	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1564	0.607	ug/l #	74
44) Trichloroethene	7.129	130	22865	7.314	ug/l	98
64) Tetrachloroethene	9.275	164	11437	4.803	ug/l	96

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

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Response via : Initial Calibration

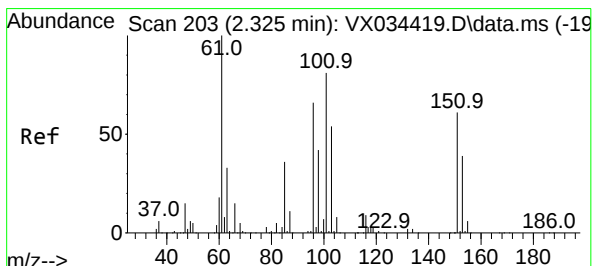
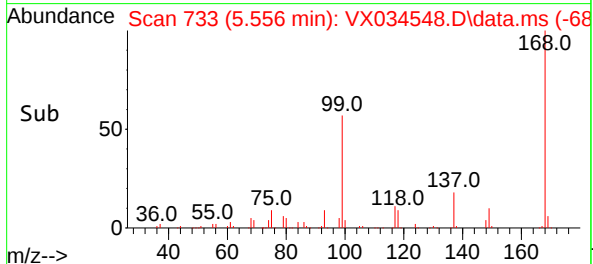
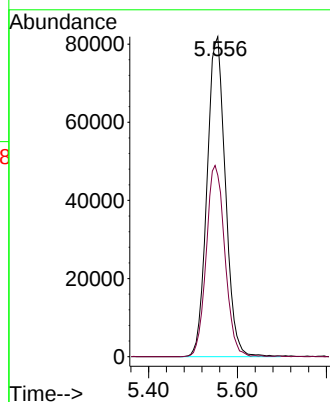
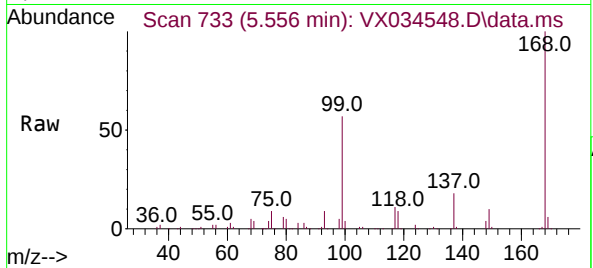




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX034548.D
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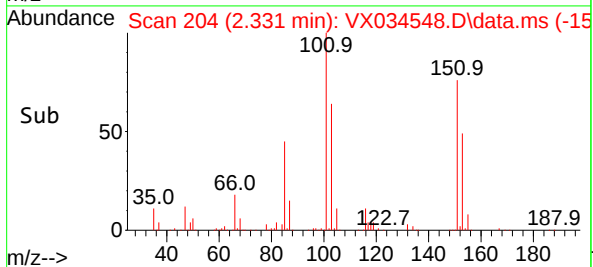
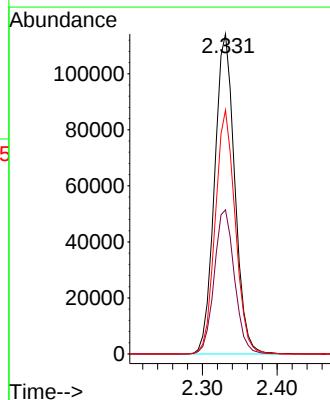
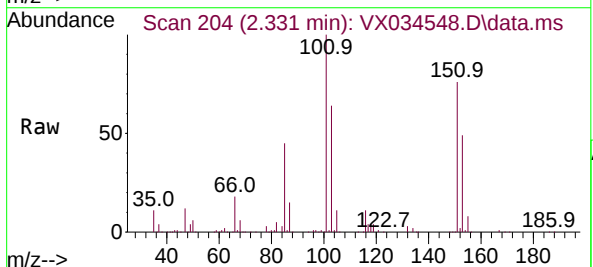
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20230312DL

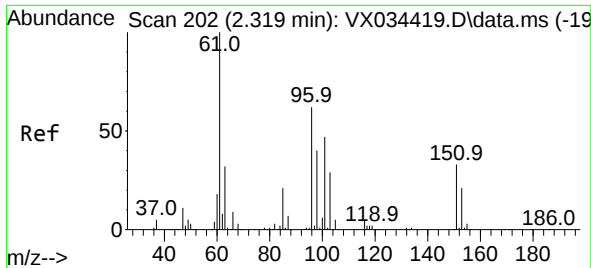
Tgt Ion:168 Resp: 235302
Ion Ratio Lower Upper
168 100
99 56.7 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 81.778 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion:101 Resp: 213895
Ion Ratio Lower Upper
101 100
85 45.3 35.4 53.2
151 75.5 60.2 90.4





#12

1,1-Dichloroethene

Concen: 0.607 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034548.D

Acq: 16 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230312DL

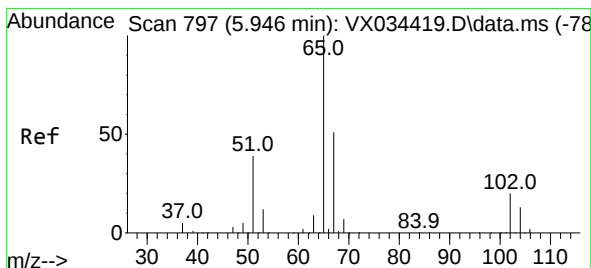
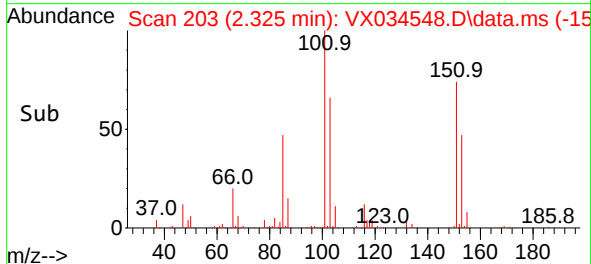
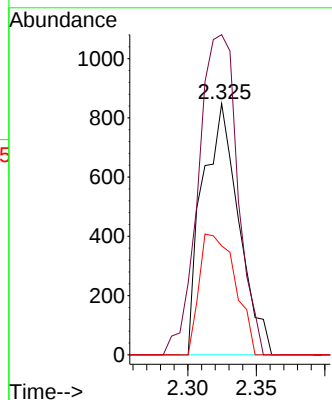
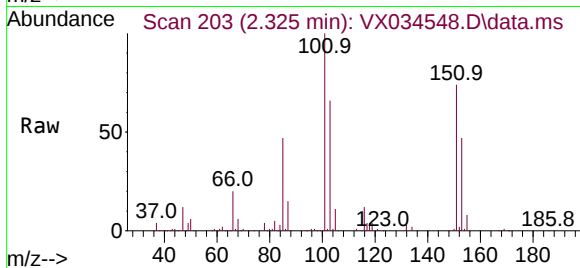
Tgt Ion: 96 Resp: 1564

Ion Ratio Lower Upper

96 100

61 127.5 128.8 193.2#

98 43.4 51.4 77.0#



#33

1,2-Dichloroethane-d4

Concen: 48.021 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.012 min

Lab File: VX034548.D

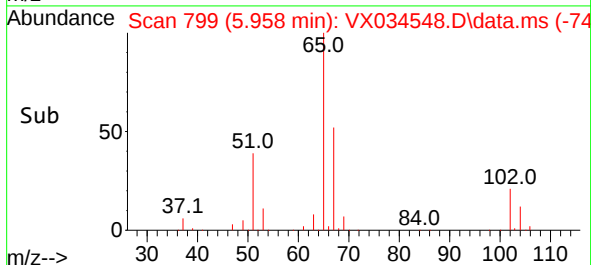
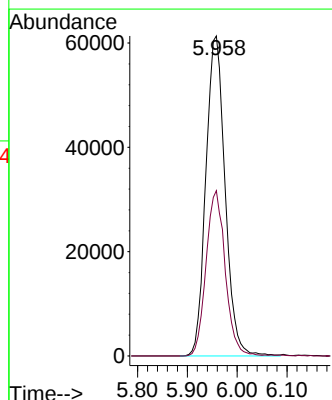
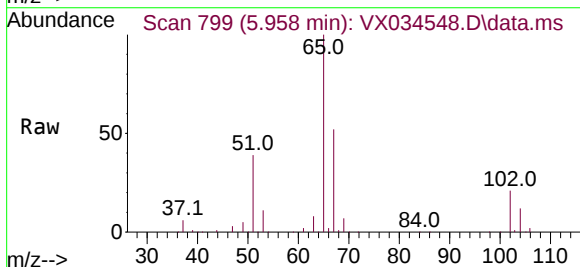
Acq: 16 Mar 2023 16:11

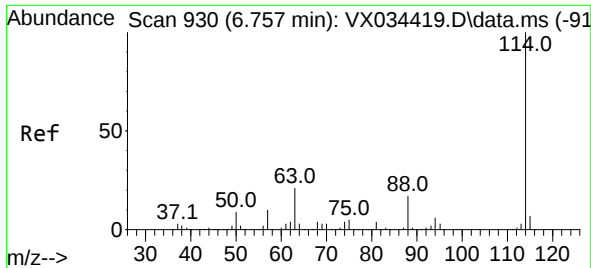
Tgt Ion: 65 Resp: 164385

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0

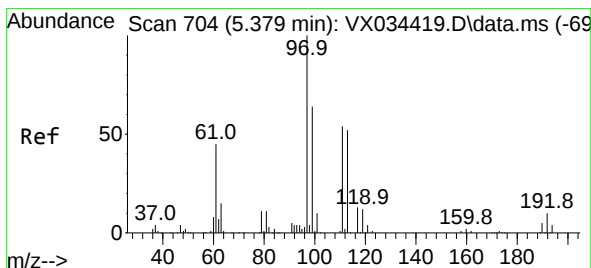
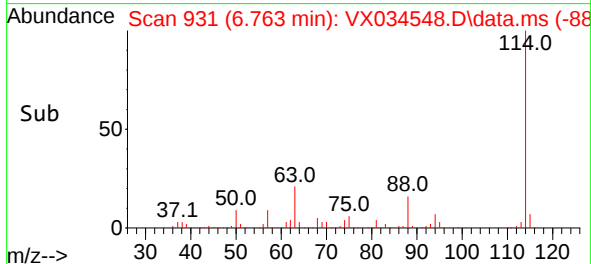
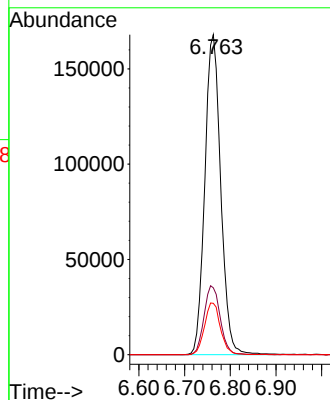
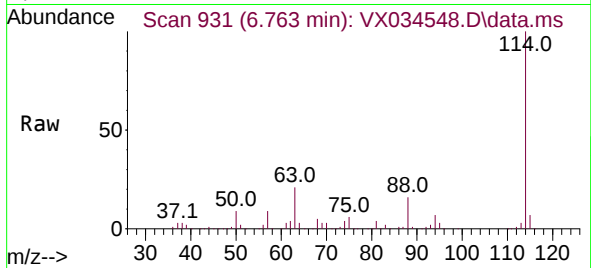




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

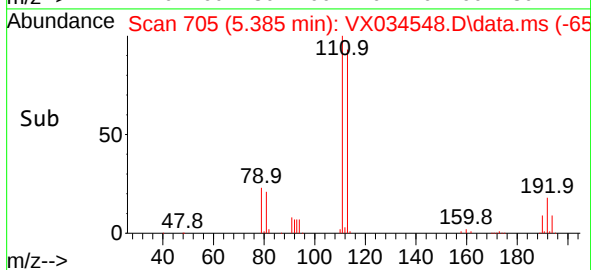
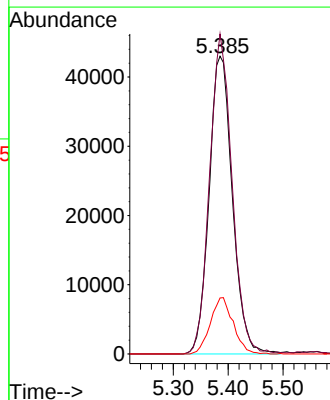
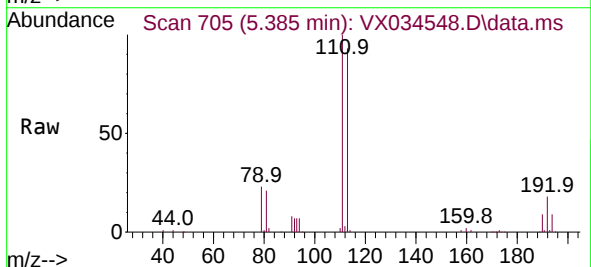
Instrument :
MSVOA_X
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RE131D3-20230312DL

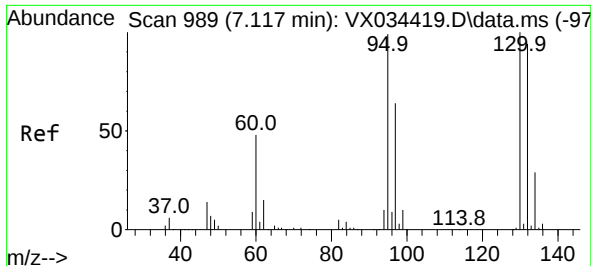
Tgt Ion:114 Resp: 405573
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion:113 Resp: 127022
Ion Ratio Lower Upper
113 100
111 103.8 83.7 125.5
192 18.5 15.4 23.2

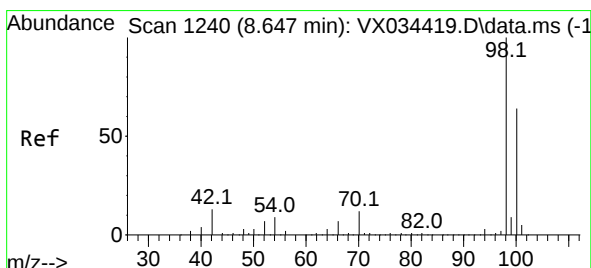
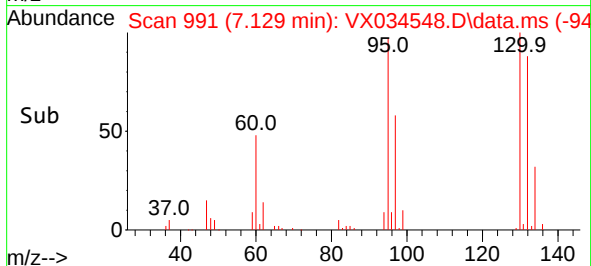
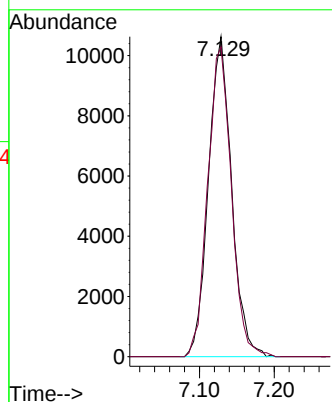
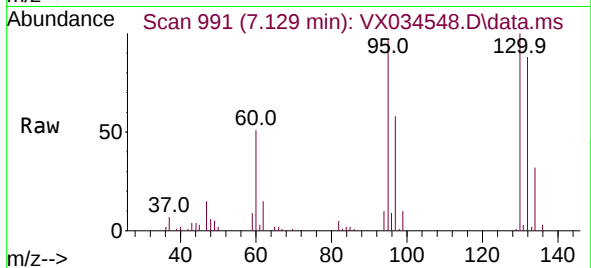




#44
 Trichloroethene
 Concen: 7.314 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.012 min
 Lab File: VX034548.D
 Acq: 16 Mar 2023 16:11

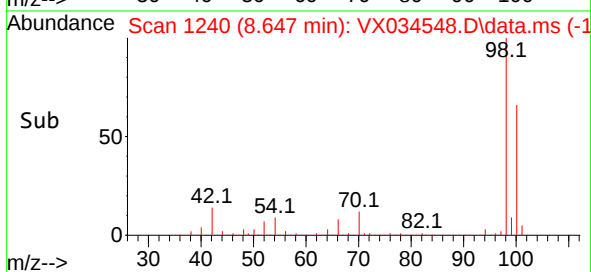
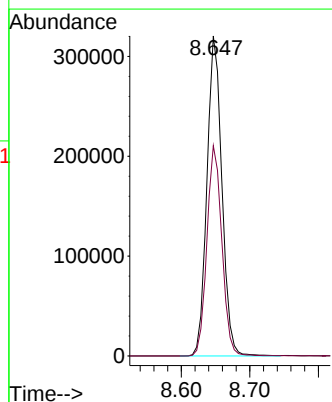
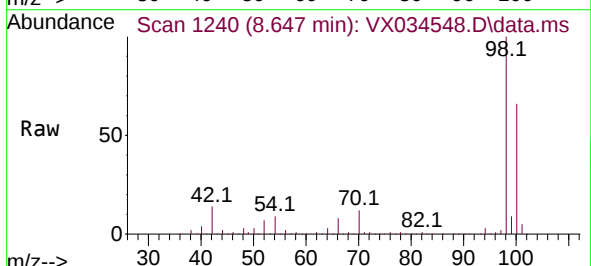
Instrument :
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 ClientSampleId :
 RE131D3-20230312DL

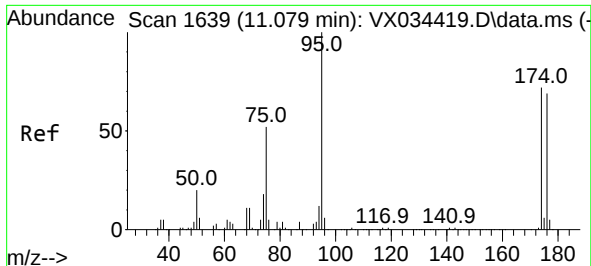
Tgt Ion:130 Resp: 22865
 Ion Ratio Lower Upper
 130 100
 95 96.8 0.0 198.4



#50
 Toluene-d8
 Concen: 48.791 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX034548.D
 Acq: 16 Mar 2023 16:11

Tgt Ion: 98 Resp: 487727
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 45.723 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034548.D

Acq: 16 Mar 2023 16:11

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20230312DL

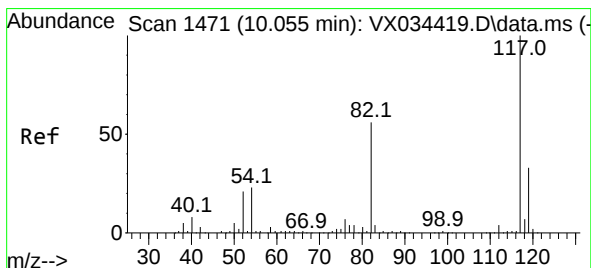
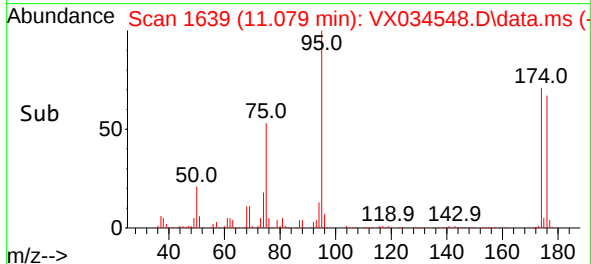
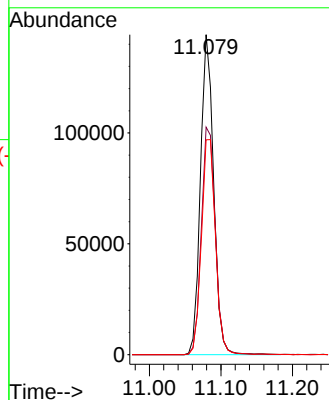
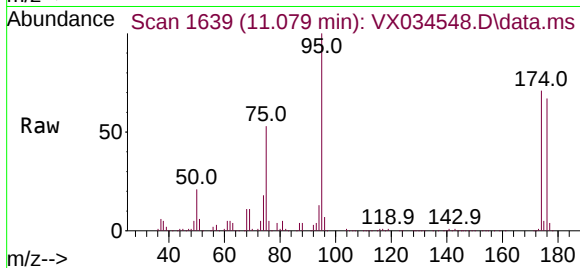
Tgt Ion: 95 Resp: 184620

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.4

176 71.9 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034548.D

Acq: 16 Mar 2023 16:11

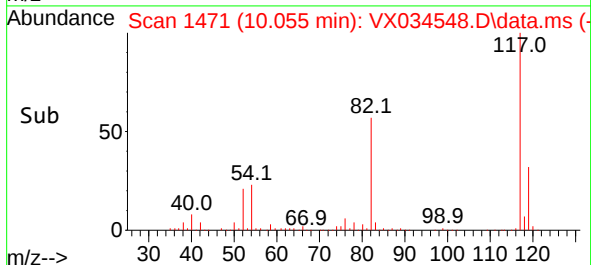
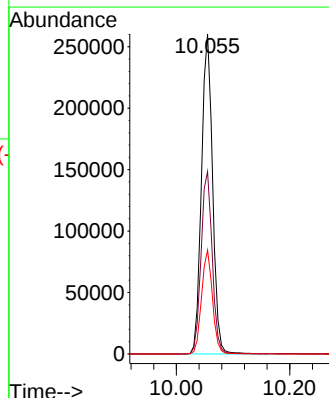
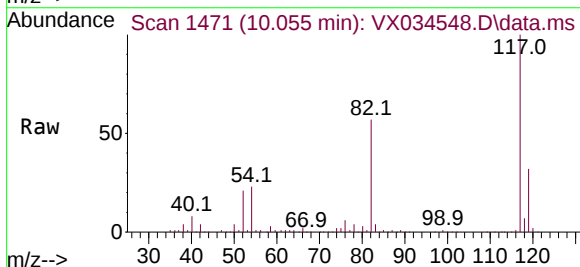
Tgt Ion: 117 Resp: 354518

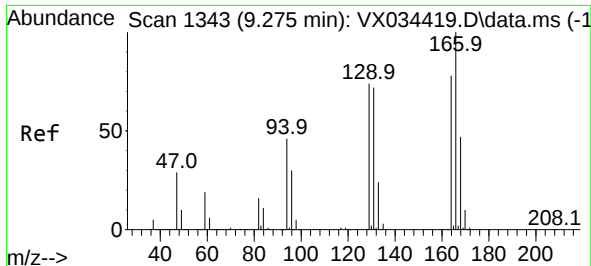
Ion Ratio Lower Upper

117 100

82 57.0 45.0 67.4

119 32.5 26.0 39.0

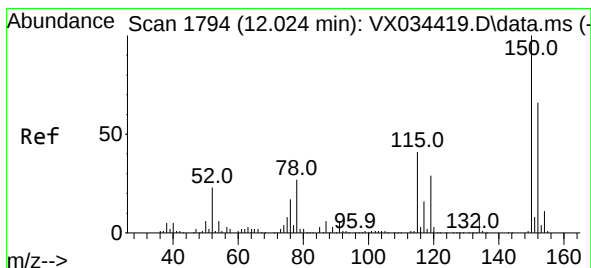
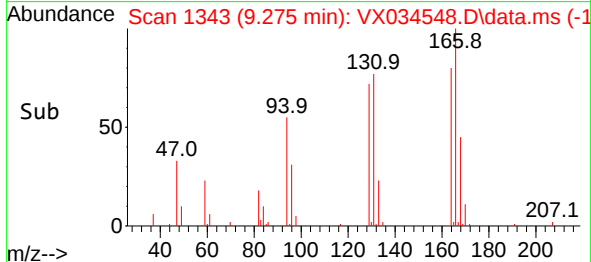
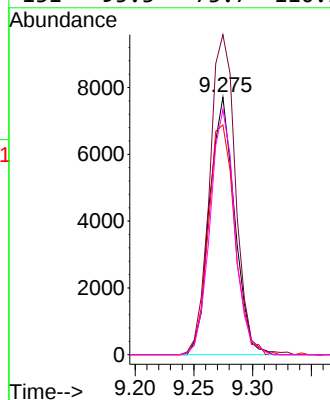
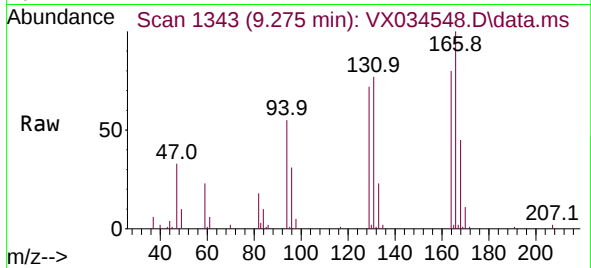




#64
Tetrachloroethene
Concen: 4.803 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

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Tgt Ion:164 Resp: 11437
Ion Ratio Lower Upper
164 100
166 124.3 102.7 154.1
129 89.3 75.6 113.4
131 95.3 73.7 110.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034548.D
Acq: 16 Mar 2023 16:11

Tgt Ion:152 Resp: 146208
Ion Ratio Lower Upper
152 100
115 60.6 45.0 135.0
150 157.2 0.0 352.4

