

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032957.D
 Acq On : 21 Nov 2022 17:05
 Operator : JC/MD
 Sample : N5729-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20221117

Quant Time: Nov 22 05:12:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

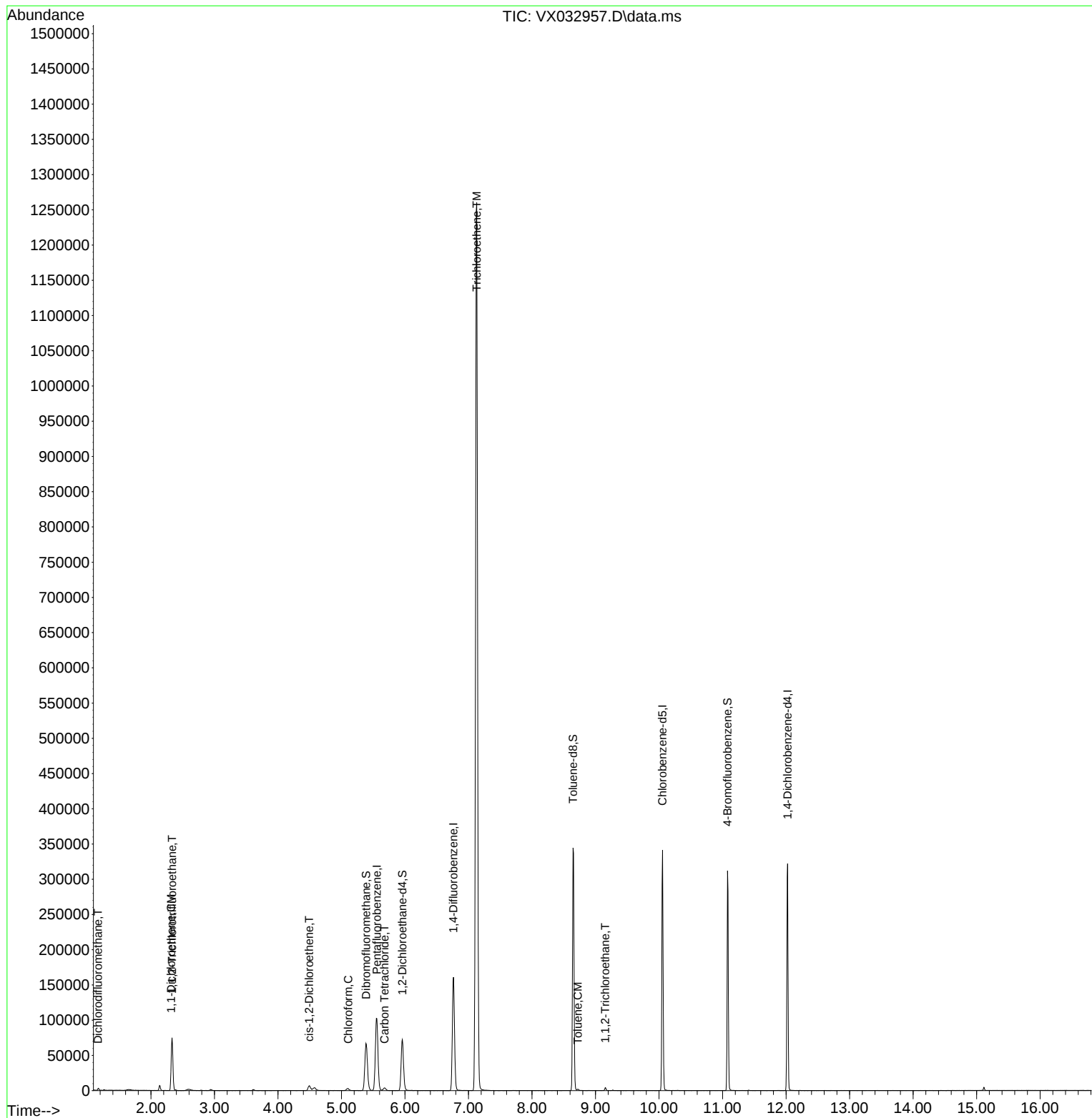
Internal Standards						
1) Pentafluorobenzene	5.556	168	98594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165979	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72815	53.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.300%
35) Dibromofluoromethane	5.385	113	57113	48.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.647	98	209003	50.768	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.540%
62) 4-Bromofluorobenzene	11.079	95	78575	48.861	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1204	1.059	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	26006	24.570	ug/l	98
12) 1,1-Dichloroethene	2.319	96	3783	3.826	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	4688	3.768	ug/l	90
30) Chloroform	5.105	83	3816	1.773	ug/l	87
38) Carbon Tetrachloride	5.678	117	3380	1.848	ug/l	88
44) Trichloroethene	7.129	130	485376	369.561	ug/l	99
52) Toluene	8.720	92	738	0.242	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	1217	0.949	ug/l	96

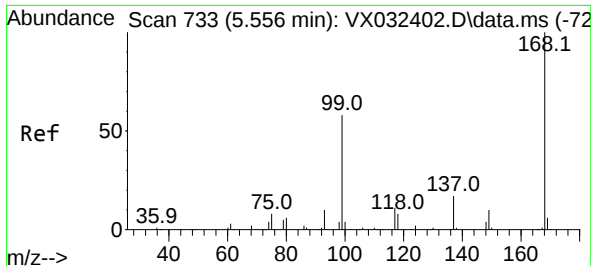
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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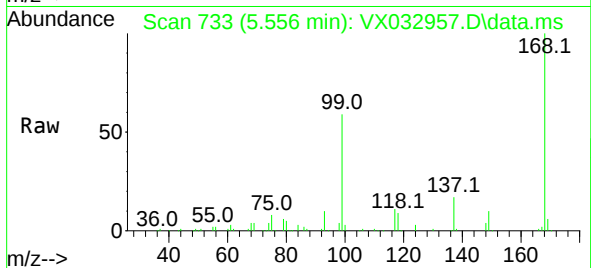
Quant Time: Nov 22 05:12:47 2022
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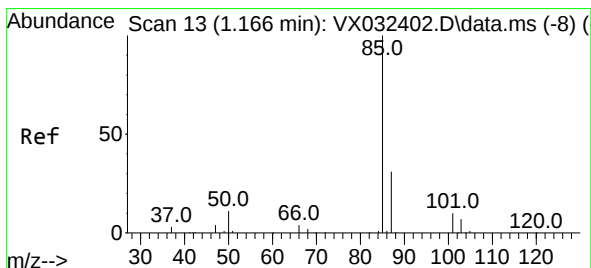
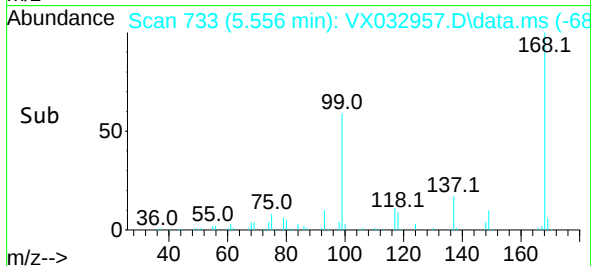
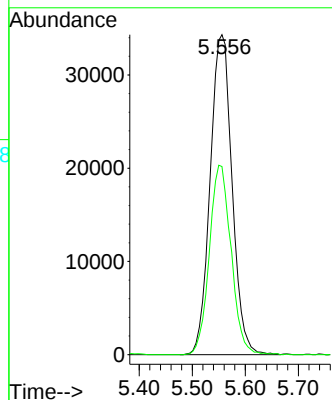


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117

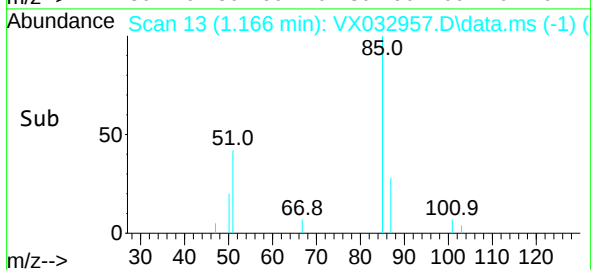
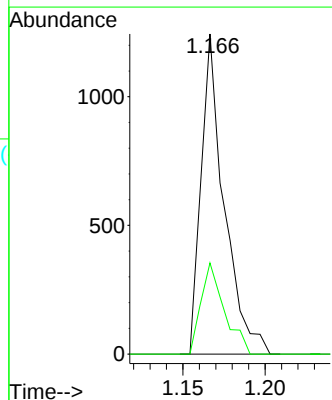
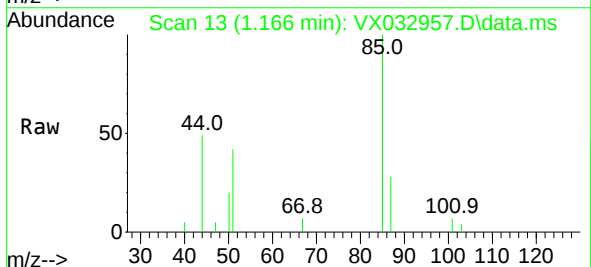


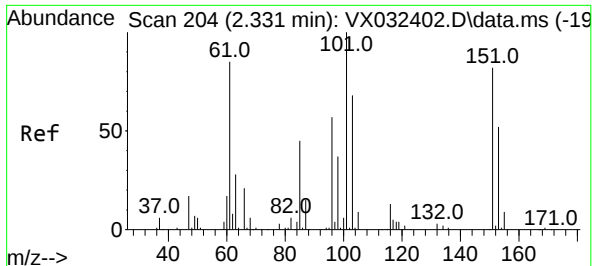
Tgt Ion:168 Resp: 98594
Ion Ratio Lower Upper
168 100
99 58.8 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 1.059 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

Tgt Ion: 85 Resp: 1204
Ion Ratio Lower Upper
85 100
87 28.5 15.6 46.7

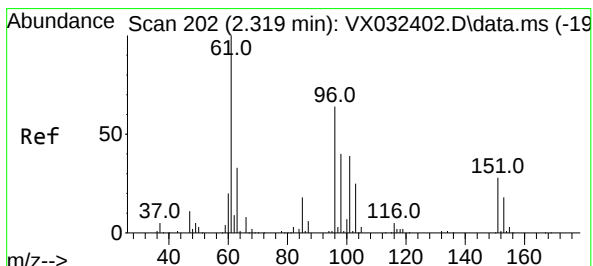
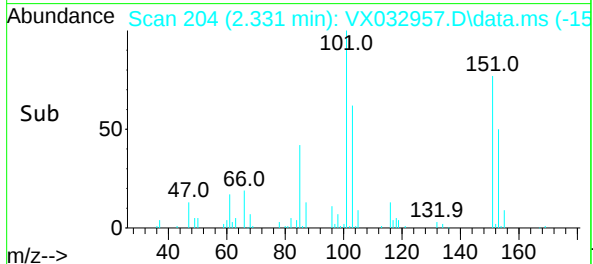
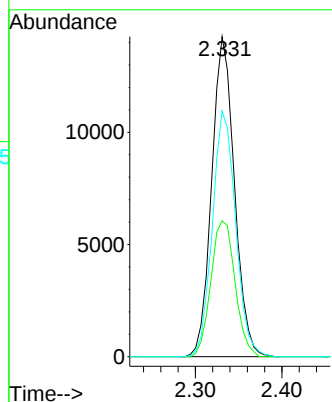
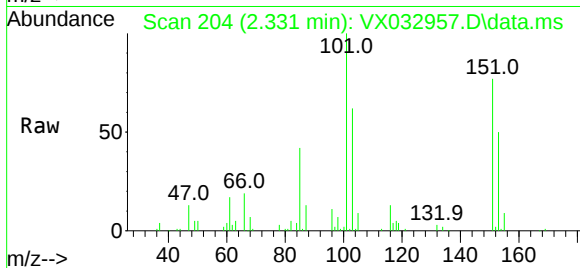




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 24.570 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX032957.D
 Acq: 21 Nov 2022 17:05

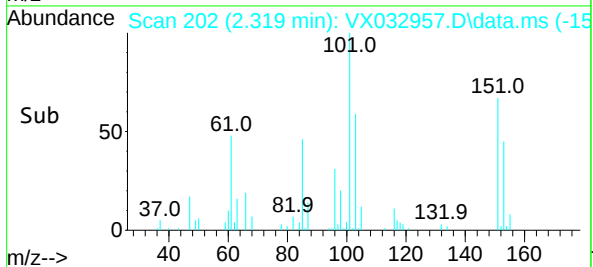
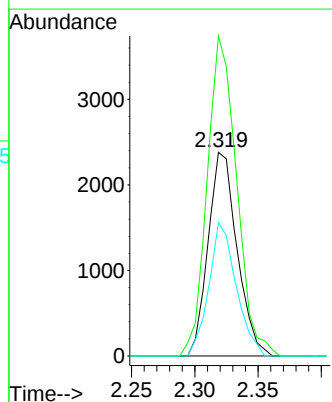
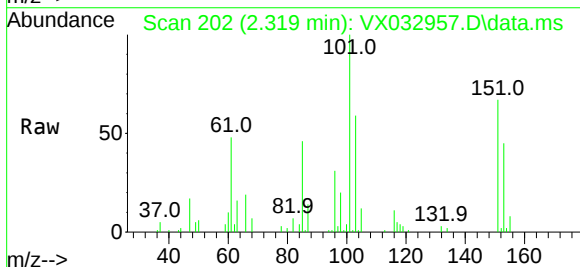
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20221117

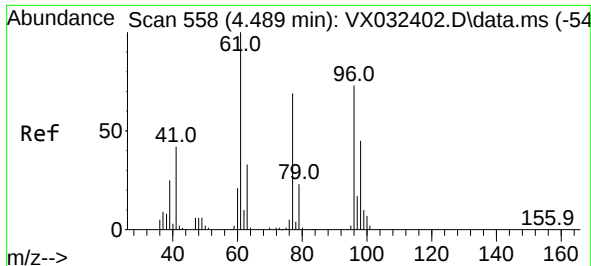
Tgt Ion:101 Resp: 26006
 Ion Ratio Lower Upper
 101 100
 85 45.1 37.0 55.4
 151 78.6 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 3.826 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX032957.D
 Acq: 21 Nov 2022 17:05

Tgt Ion: 96 Resp: 3783
 Ion Ratio Lower Upper
 96 100
 61 157.1 125.1 187.7
 98 65.6 50.6 76.0





#27

cis-1,2-Dichloroethene

Concen: 3.768 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032957.D

Acq: 21 Nov 2022 17:05

Instrument :

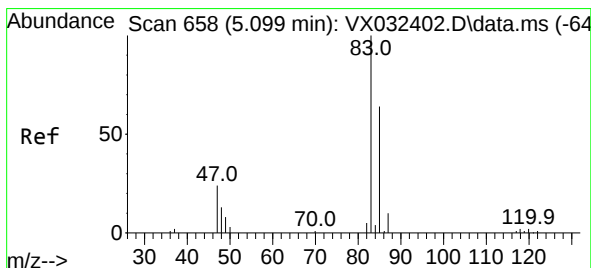
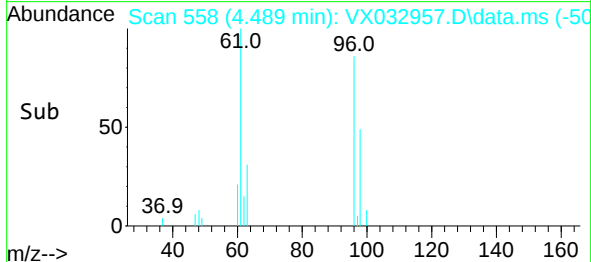
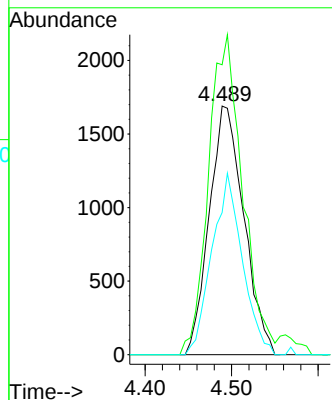
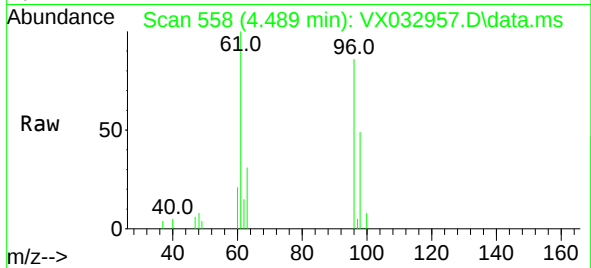
MSVOA_X

ClientSampleId :

RE114D1-20221117

Tgt Ion: 96 Resp: 4688

Ion	Ratio	Lower	Upper
96	100		
61	126.5	0.0	286.0
98	64.0	0.0	129.6



#30

Chloroform

Concen: 1.773 ug/l

RT: 5.105 min Scan# 659

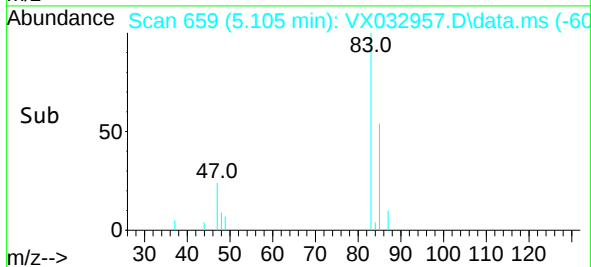
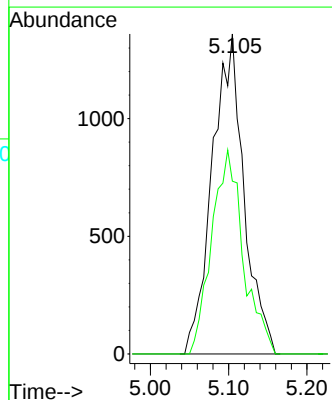
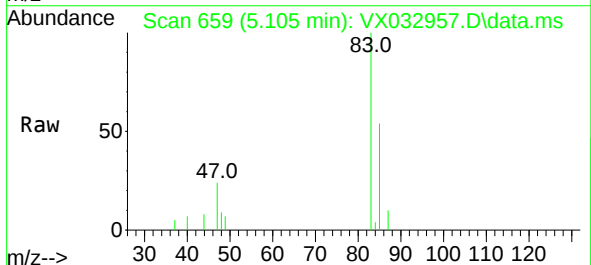
Delta R.T. 0.006 min

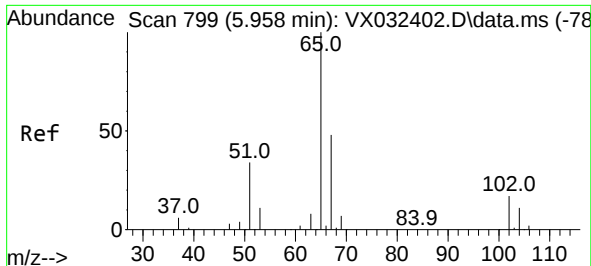
Lab File: VX032957.D

Acq: 21 Nov 2022 17:05

Tgt Ion: 83 Resp: 3816

Ion	Ratio	Lower	Upper
83	100		
85	54.0	51.1	76.7





#33

1,2-Dichloroethane-d4

Concen: 53.152 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032957.D

Acq: 21 Nov 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

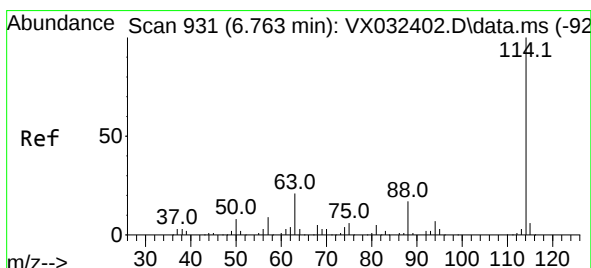
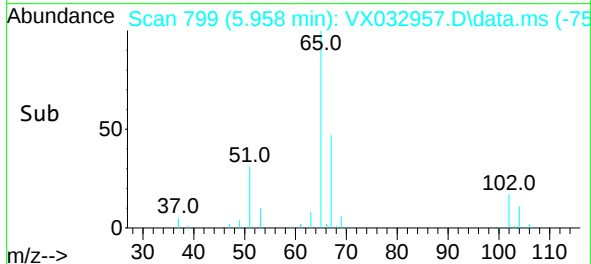
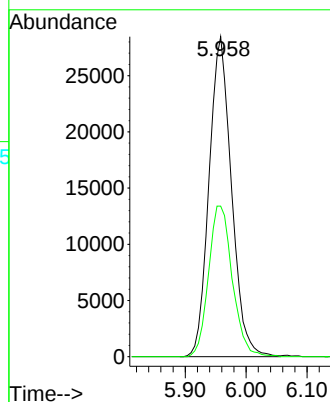
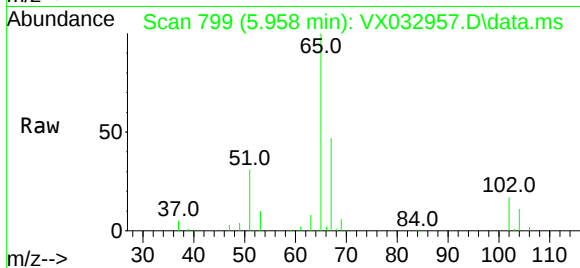
RE114D1-20221117

Tgt Ion: 65 Resp: 72815

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032957.D

Acq: 21 Nov 2022 17:05

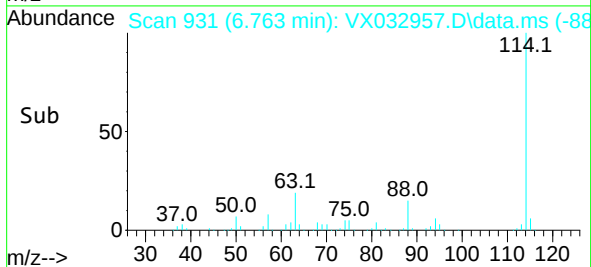
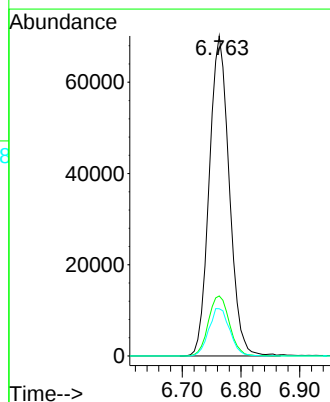
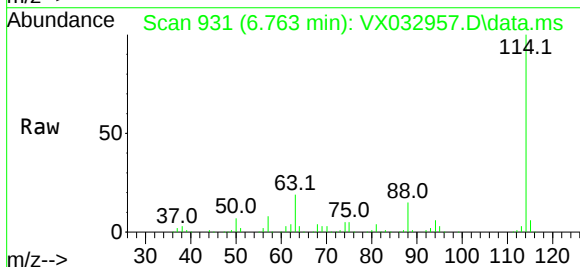
Tgt Ion: 114 Resp: 165979

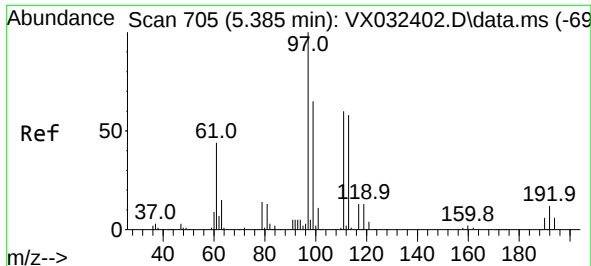
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 14.8 0.0 33.4

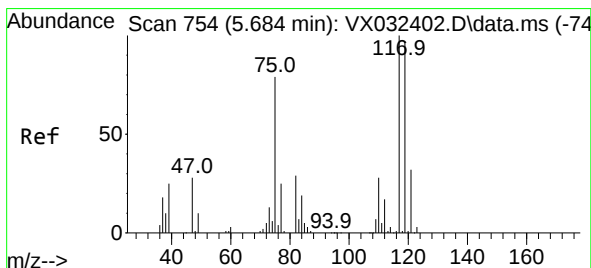
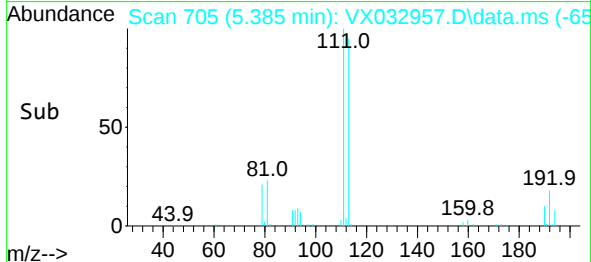
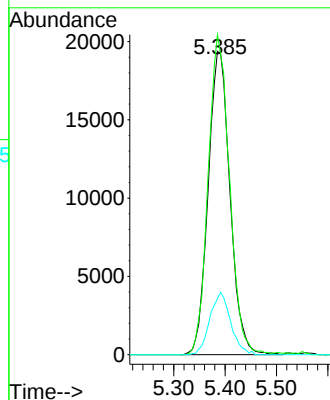
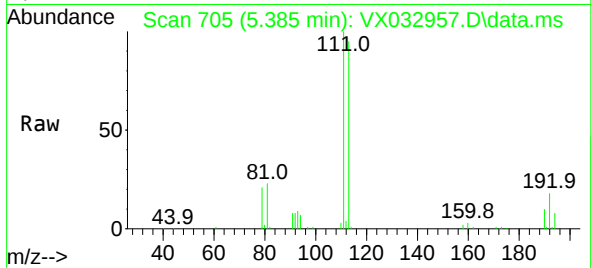




#35
Dibromofluoromethane
Concen: 48.240 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

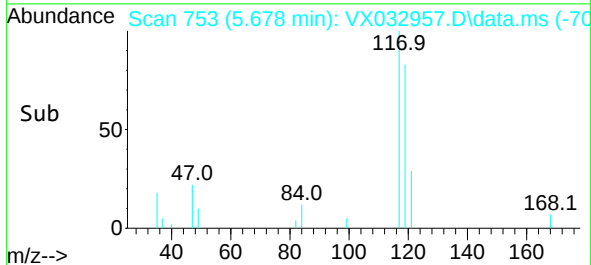
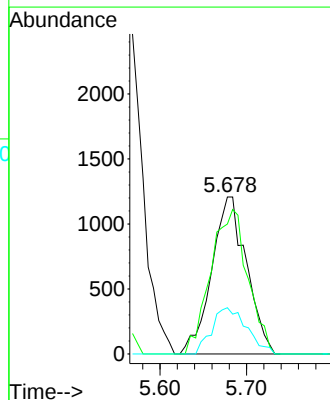
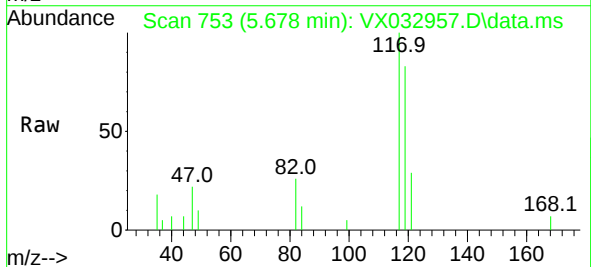
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ClientSampleId :
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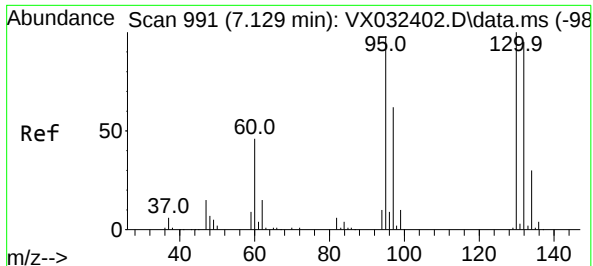
Tgt Ion:113 Resp: 57113
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 19.6 15.4 23.2



#38
Carbon Tetrachloride
Concen: 1.848 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

Tgt Ion:117 Resp: 3380
Ion Ratio Lower Upper
117 100
119 82.8 77.2 115.8
121 29.5 25.8 38.6

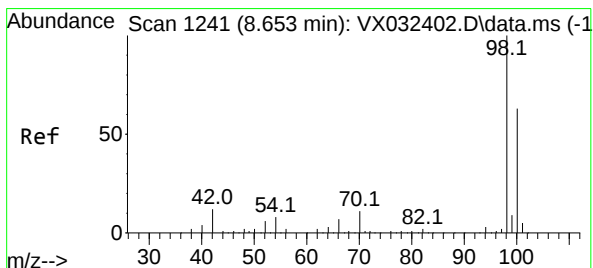
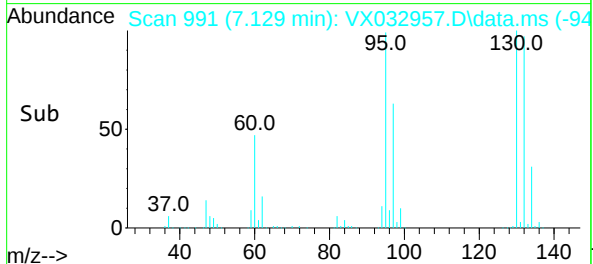
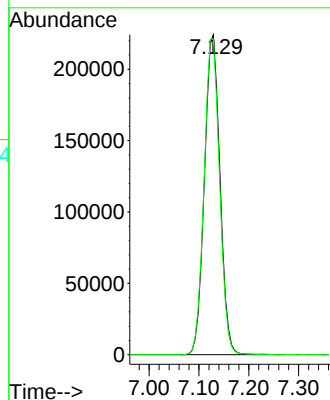
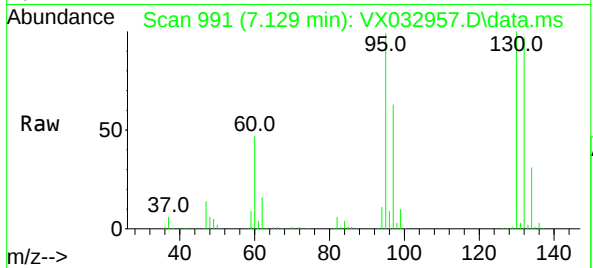




#44
Trichloroethene
Concen: 369.561 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

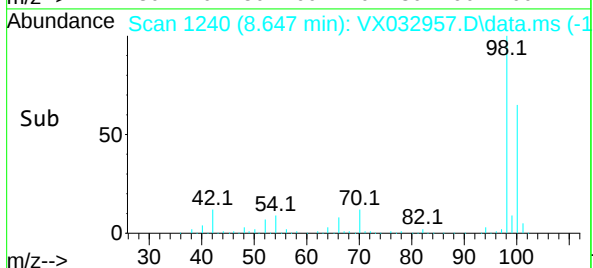
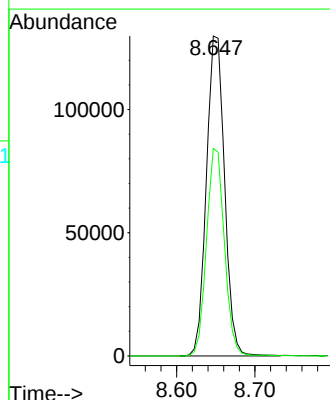
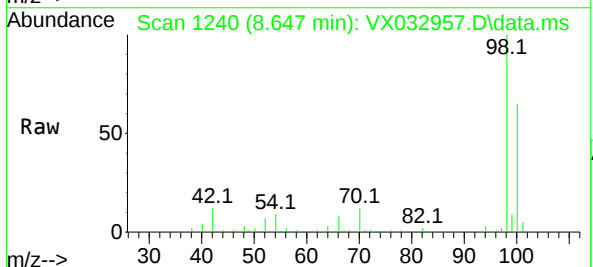
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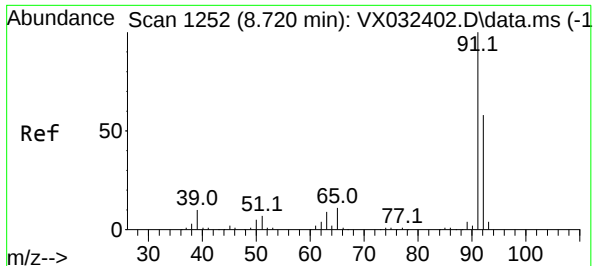
Tgt Ion:130 Resp: 485376
Ion Ratio Lower Upper
130 100
95 98.6 0.0 195.2



#50
Toluene-d8
Concen: 50.768 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

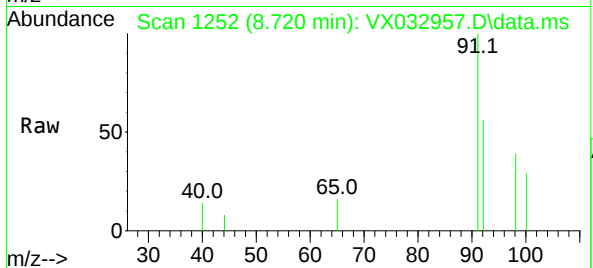
Tgt Ion: 98 Resp: 209003
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



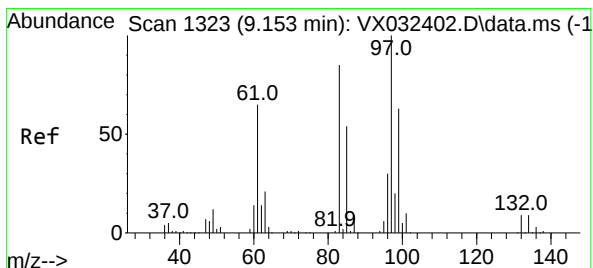
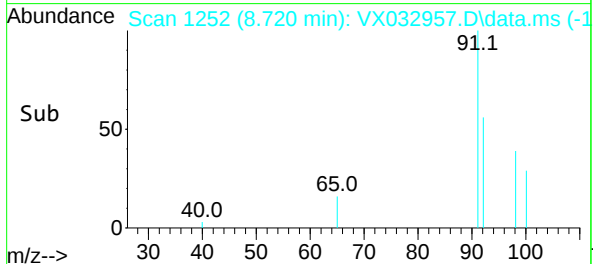
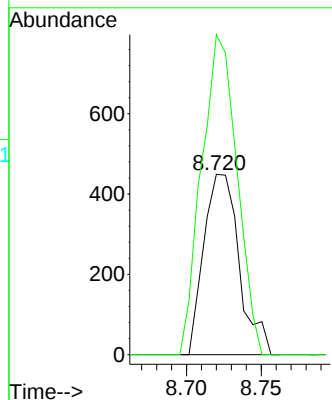


#52
Toluene
Concen: 0.242 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117

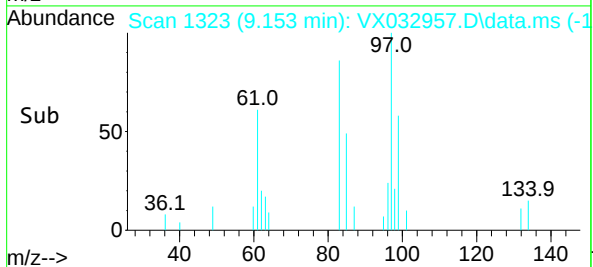
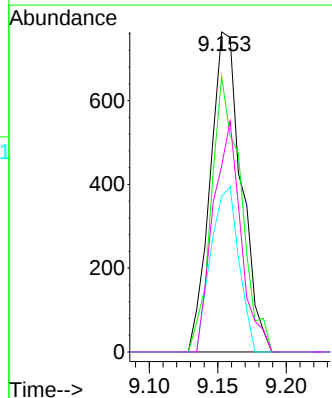
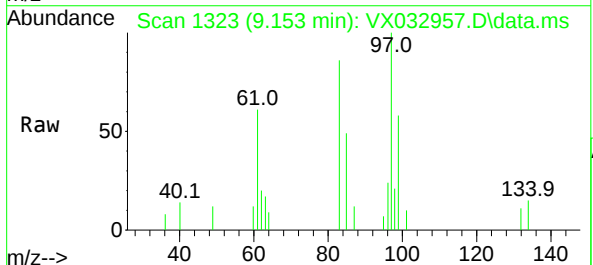


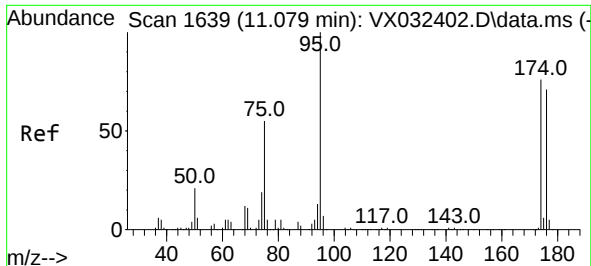
Tgt Ion: 92 Resp: 738
Ion Ratio Lower Upper
92 100
91 178.0 138.3 207.5



#55
1,1,2-Trichloroethane
Concen: 0.949 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

Tgt Ion: 97 Resp: 1217
Ion Ratio Lower Upper
97 100
83 86.0 68.1 102.1
85 48.7 43.3 64.9
99 58.1 50.4 75.6

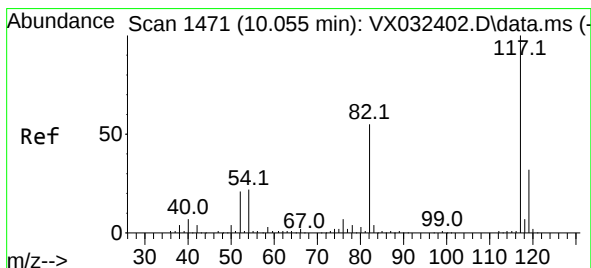
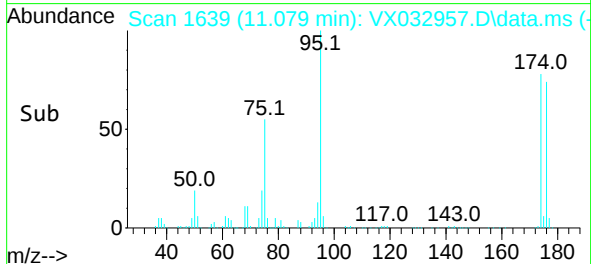
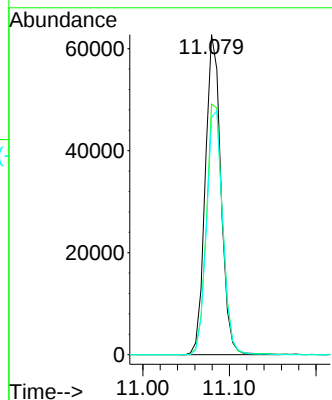
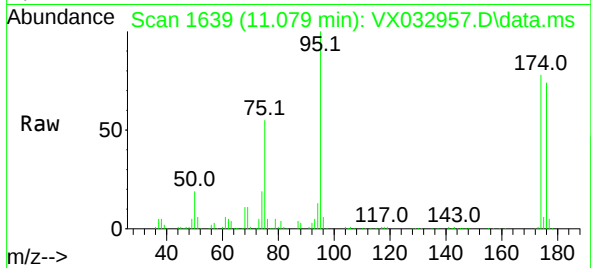




#62
4-Bromofluorobenzene
Concen: 48.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

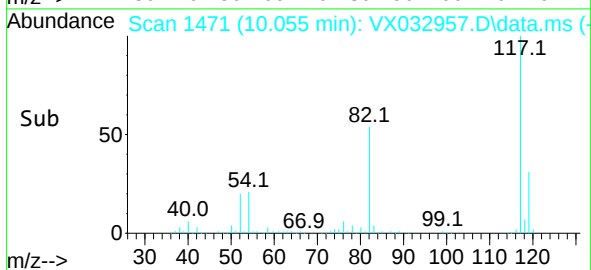
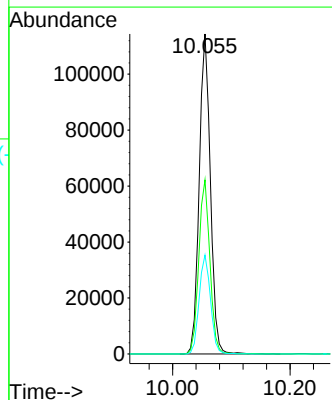
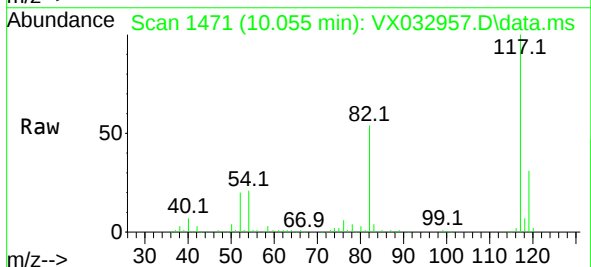
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20221117

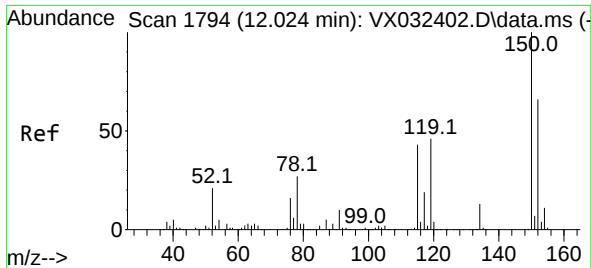
Tgt Ion: 95 Resp: 78575
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032957.D
Acq: 21 Nov 2022 17:05

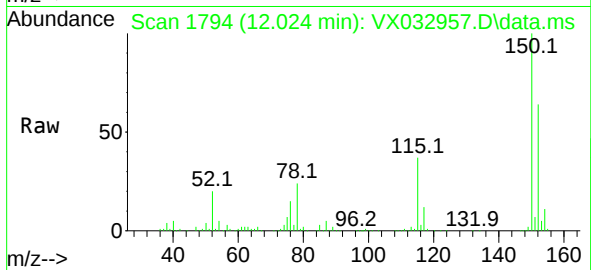
Tgt Ion: 117 Resp: 150565
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 30.9 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032957.D
 Acq: 21 Nov 2022 17:05

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20221117



Tgt Ion:152 Resp: 68194
 Ion Ratio Lower Upper
 152 100
 115 58.4 44.0 132.0
 150 155.6 0.0 351.8

