

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032955.D
 Acq On : 21 Nov 2022 16:19
 Operator : JC/MD
 Sample : N5729-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE115D1-20221117

Quant Time: Nov 22 05:12:31 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)

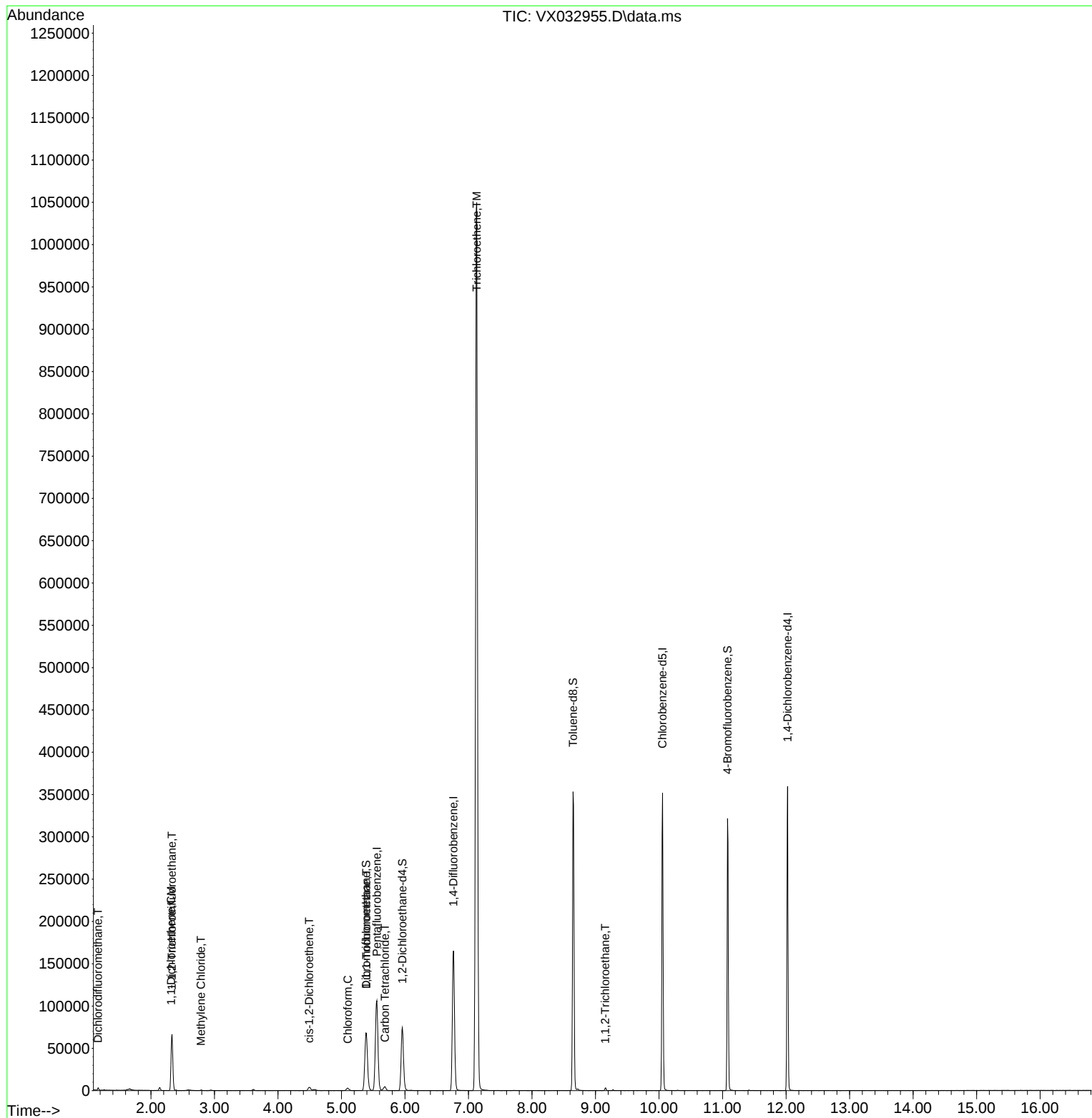
Internal Standards						
1) Pentafluorobenzene	5.556	168	102034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73301	51.703	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.400%	
35) Dibromofluoromethane	5.385	113	58908	48.682	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.360%	
50) Toluene-d8	8.647	98	214292	50.929	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	11.079	95	81518	49.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1455	1.236	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	19659	17.947	ug/l	99
12) 1,1-Dichloroethene	2.319	96	6971	6.813	ug/l	97
20) Methylene Chloride	2.788	84	475	0.402	ug/l #	80
27) cis-1,2-Dichloroethene	4.489	96	2962	2.301	ug/l	81
30) Chloroform	5.099	83	3673	1.649	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	1020	0.510	ug/l #	47
38) Carbon Tetrachloride	5.684	117	4077	2.181	ug/l	90
44) Trichloroethene	7.129	130	394295	293.734	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	964	0.736	ug/l	89

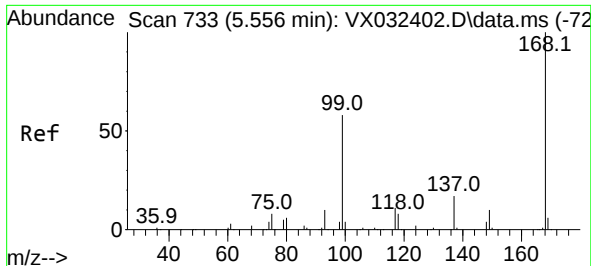
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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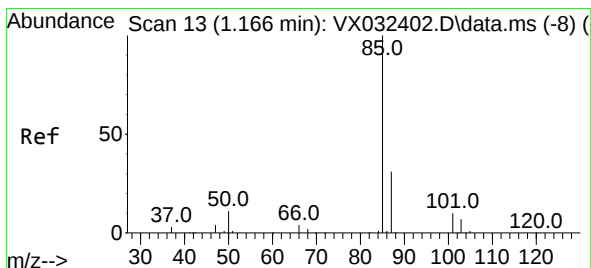
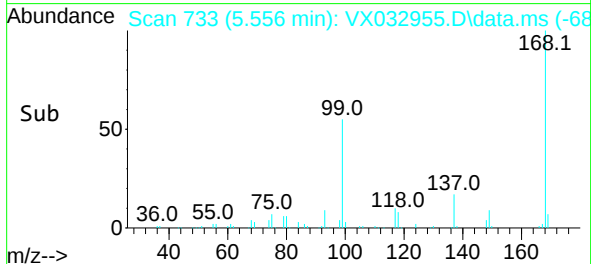
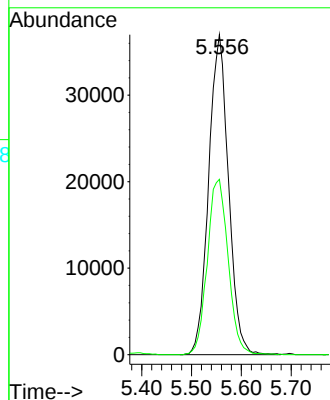
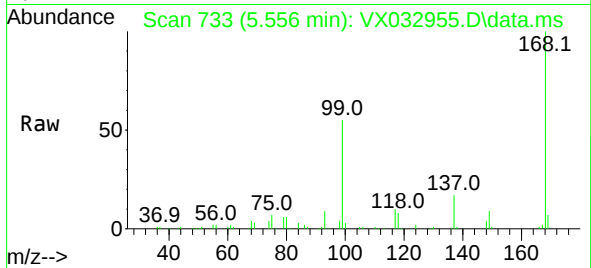




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

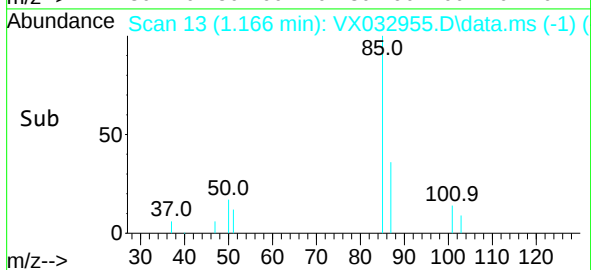
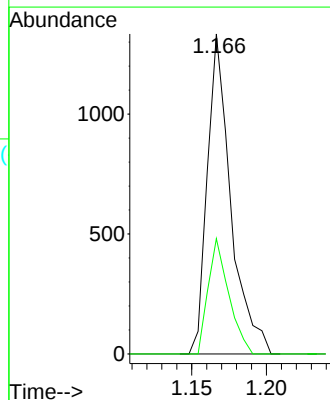
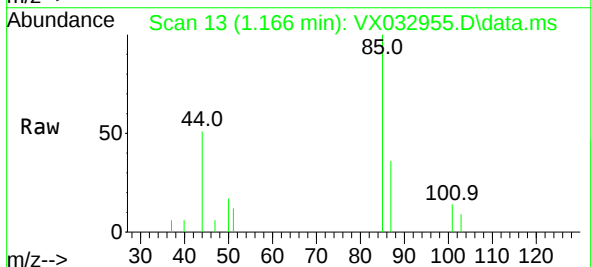
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117

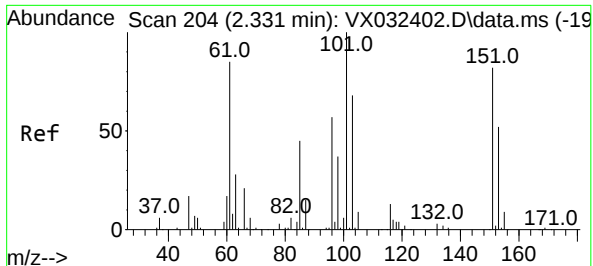
Tgt Ion:168 Resp: 102034
Ion Ratio Lower Upper
168 100
99 54.8 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 1.236 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Tgt Ion: 85 Resp: 1455
Ion Ratio Lower Upper
85 100
87 36.1 15.6 46.7

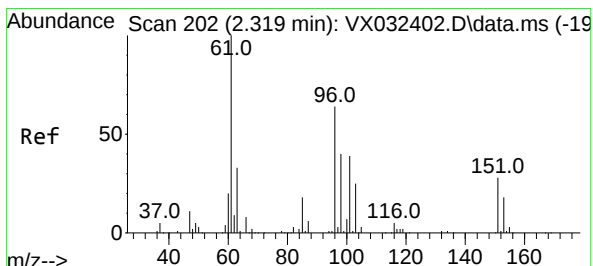
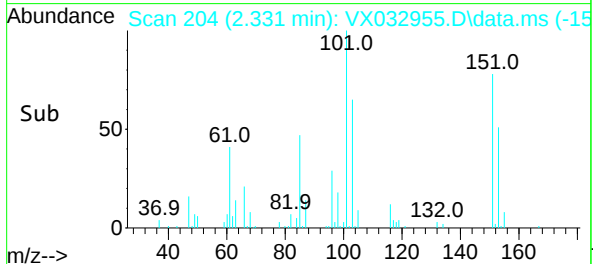
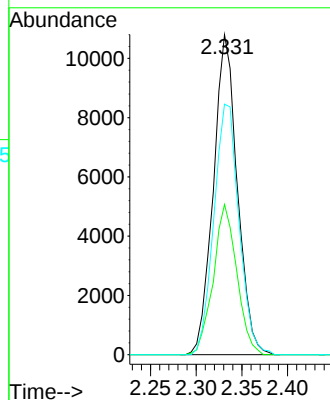
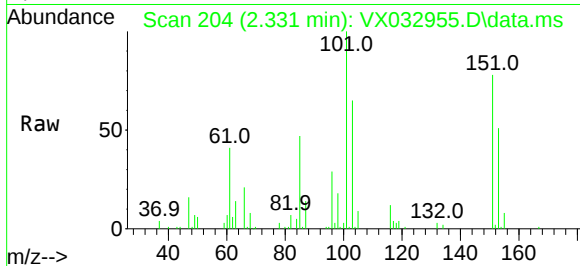




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.947 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

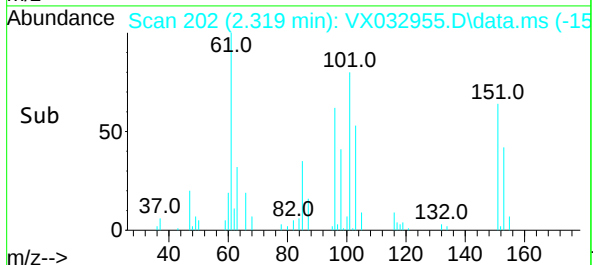
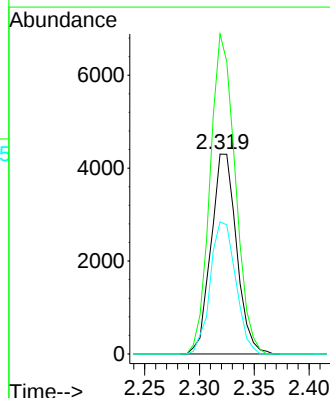
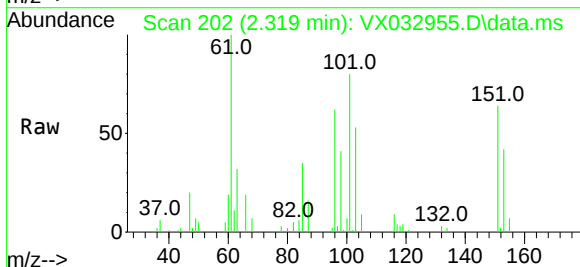
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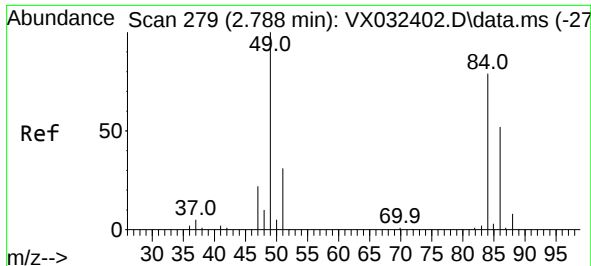
Tgt Ion:101 Resp: 19659
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.4
151 82.2 64.4 96.6



#12
1,1-Dichloroethene
Concen: 6.813 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Tgt Ion: 96 Resp: 6971
Ion Ratio Lower Upper
96 100
61 160.1 125.1 187.7
98 66.1 50.6 76.0

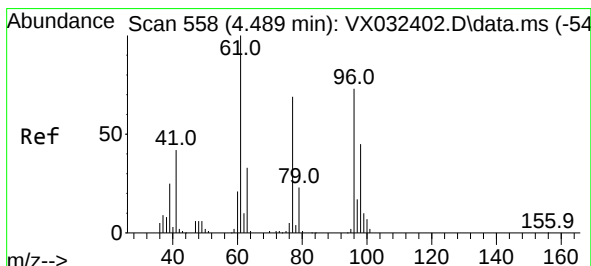
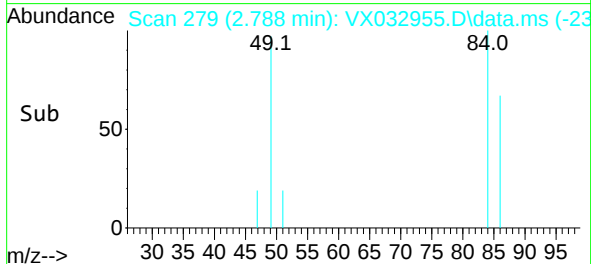
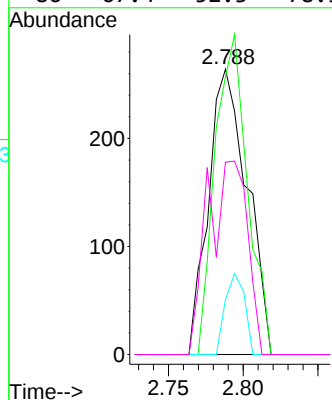
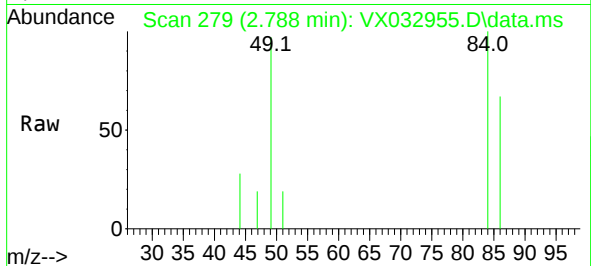




#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

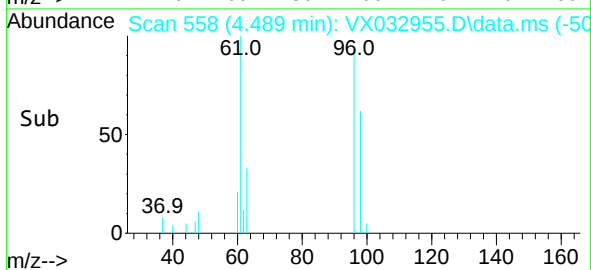
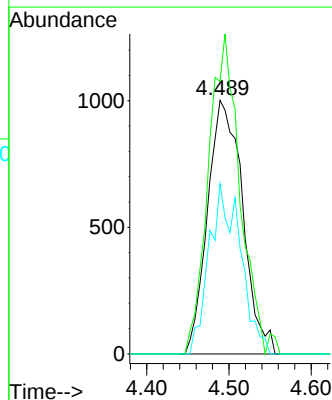
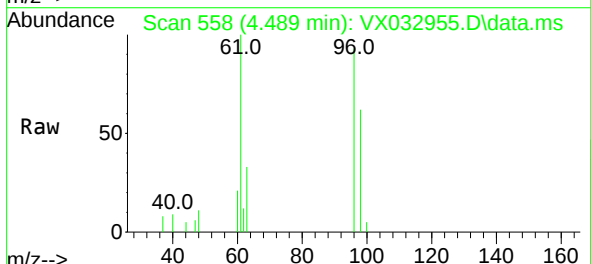
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117

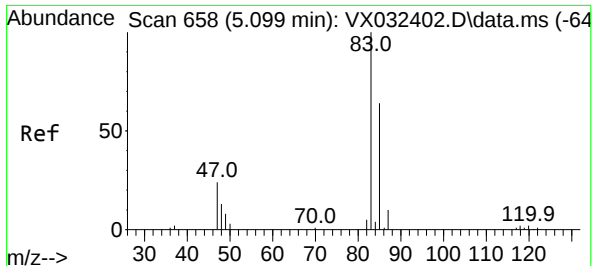
Tgt Ion:	84	Resp:	475
Ion	Ratio	Lower	Upper
84	100		
49	97.3	101.0	151.6#
51	19.3	31.1	46.7#
86	67.4	52.3	78.5



#27
cis-1,2-Dichloroethene
Concen: 2.301 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Tgt Ion:	96	Resp:	2962
Ion	Ratio	Lower	Upper
96	100		
61	112.8	0.0	286.0
98	60.3	0.0	129.6





#30

Chloroform

Concen: 1.649 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX032955.D

Acq: 21 Nov 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

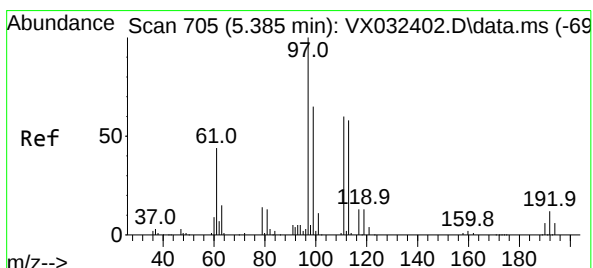
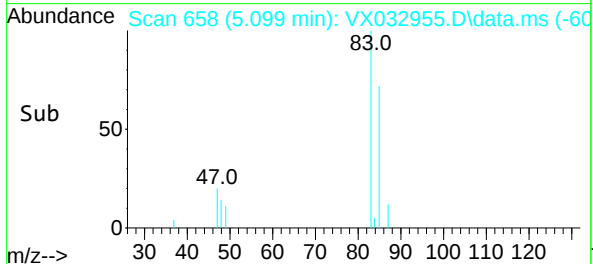
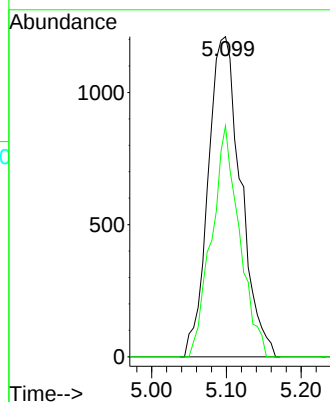
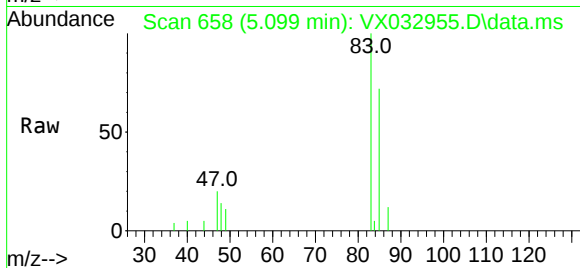
RE115D1-20221117

Tgt Ion: 83 Resp: 3673

Ion Ratio Lower Upper

83 100

85 72.2 51.1 76.7



#32

1,1,1-Trichloroethane

Concen: 0.510 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX032955.D

Acq: 21 Nov 2022 16:19

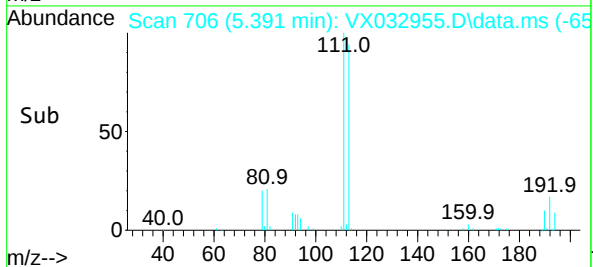
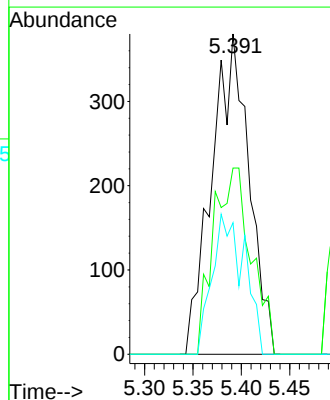
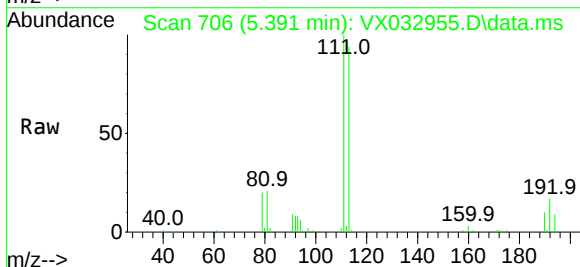
Tgt Ion: 97 Resp: 1020

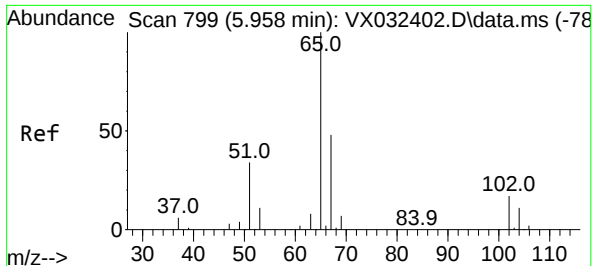
Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 37.7 35.2 52.8

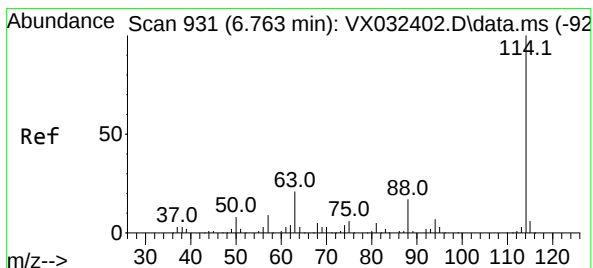
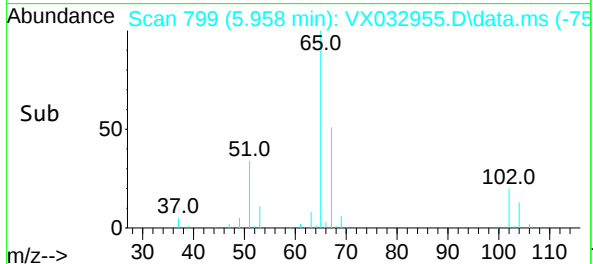
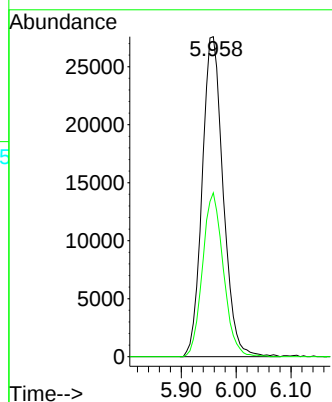
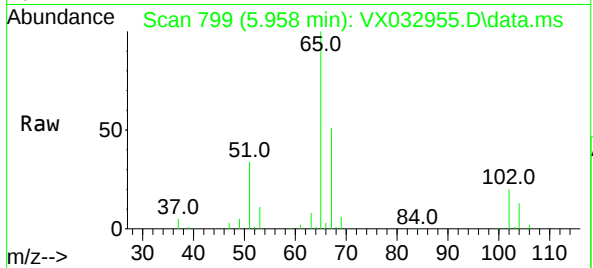




#33
 1,2-Dichloroethane-d4
 Concen: 51.703 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032955.D
 Acq: 21 Nov 2022 16:19

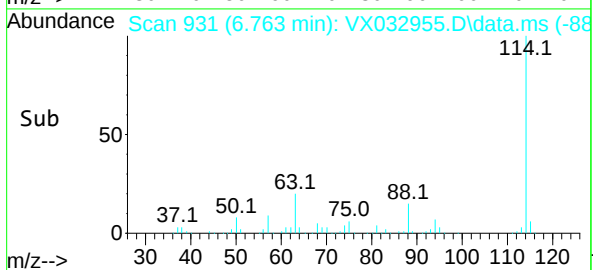
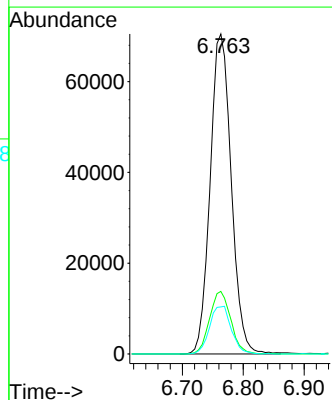
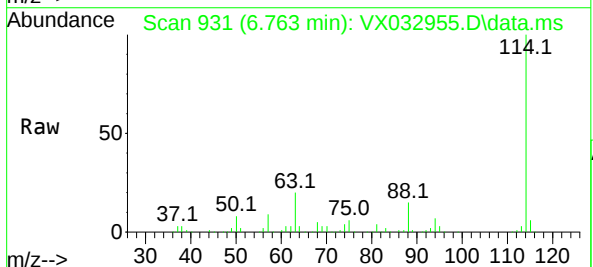
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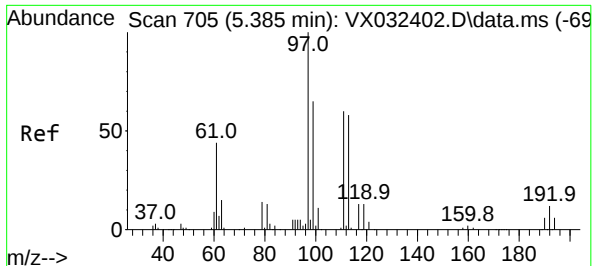
Tgt Ion: 65 Resp: 73301
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032955.D
 Acq: 21 Nov 2022 16:19

Tgt Ion: 114 Resp: 169640
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.6
 88 14.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.682 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032955.D

Acq: 21 Nov 2022 16:19

Instrument :

MSVOA_X

ClientSampleId :

RE115D1-20221117

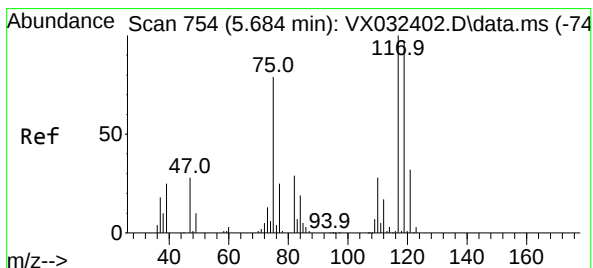
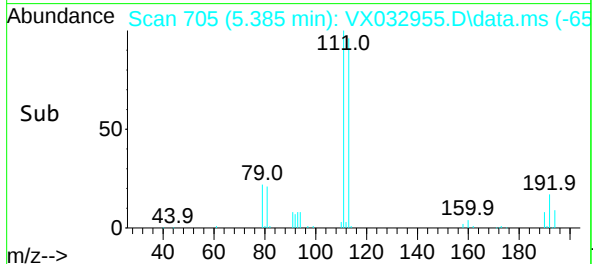
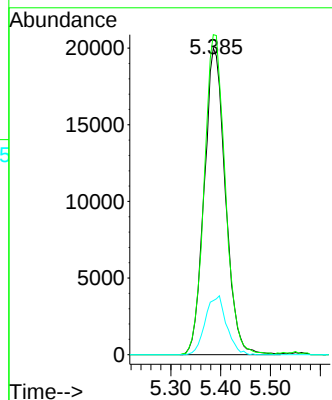
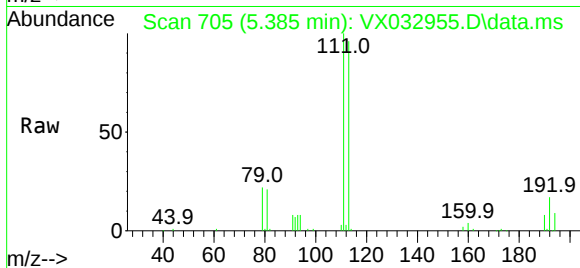
Tgt Ion:113 Resp: 58908

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 19.2 15.4 23.2



#38

Carbon Tetrachloride

Concen: 2.181 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX032955.D

Acq: 21 Nov 2022 16:19

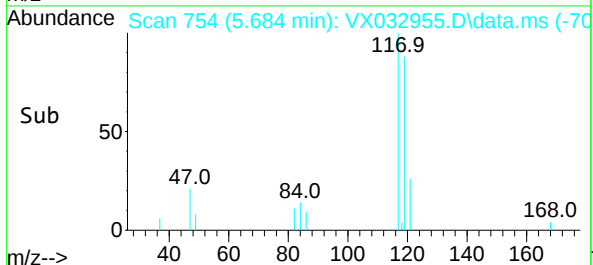
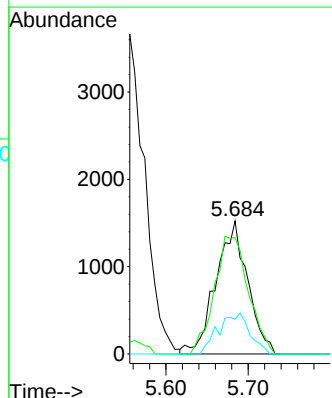
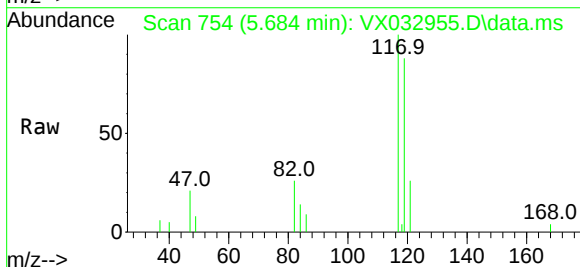
Tgt Ion:117 Resp: 4077

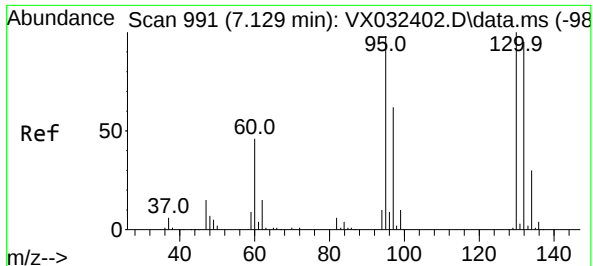
Ion Ratio Lower Upper

117 100

119 87.5 77.2 115.8

121 26.1 25.8 38.6

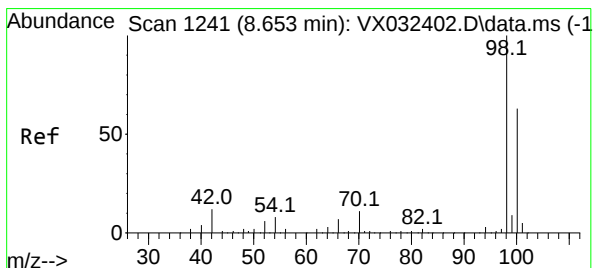
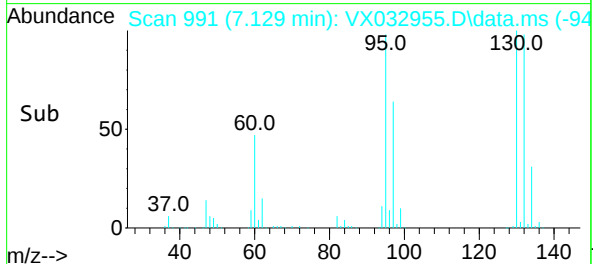
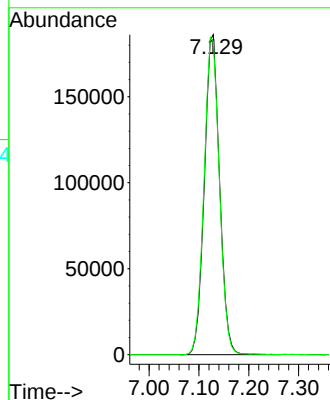
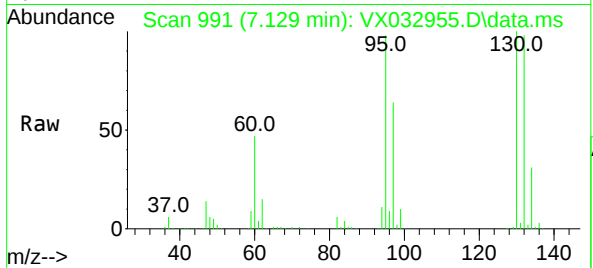




#44
Trichloroethene
Concen: 293.734 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

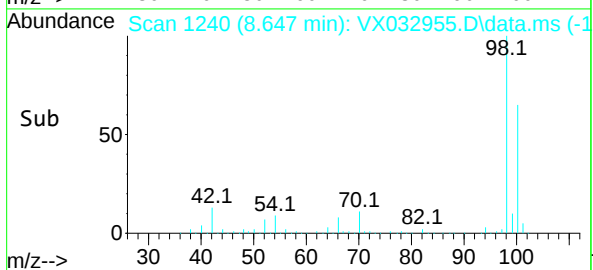
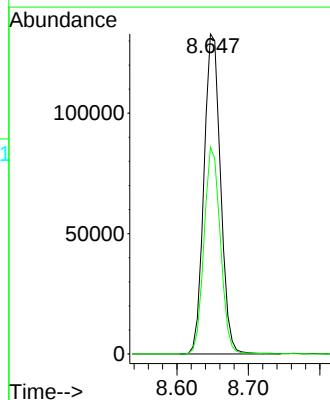
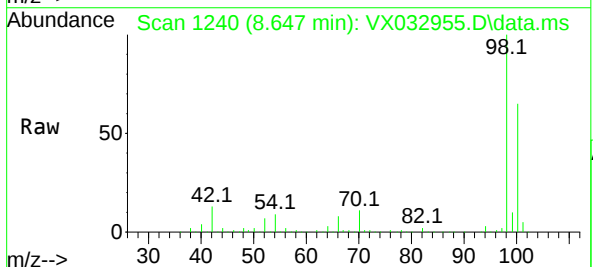
Instrument :
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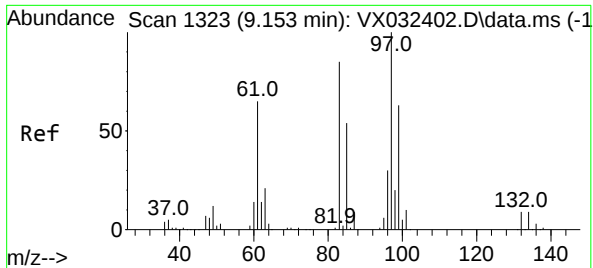
Tgt Ion:130 Resp: 394295
Ion Ratio Lower Upper
130 100
95 97.9 0.0 195.2



#50
Toluene-d8
Concen: 50.929 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Tgt Ion: 98 Resp: 214292
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

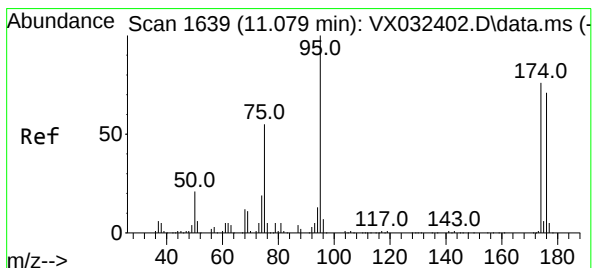
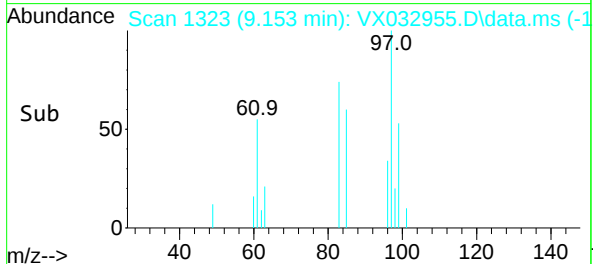
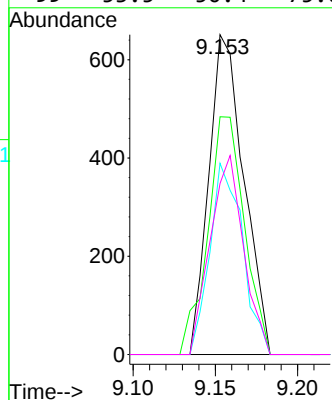
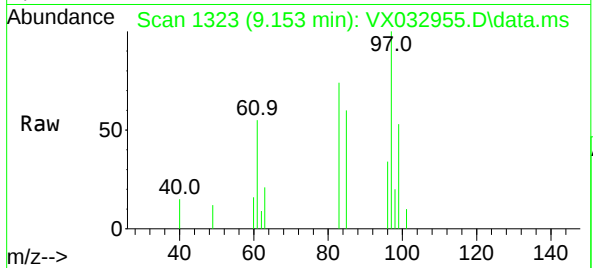




#55
1,1,2-Trichloroethane
Concen: 0.736 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

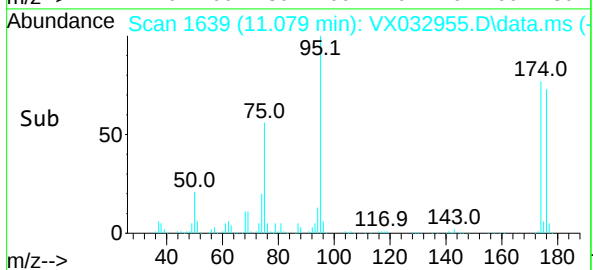
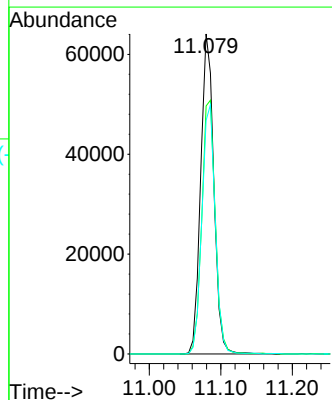
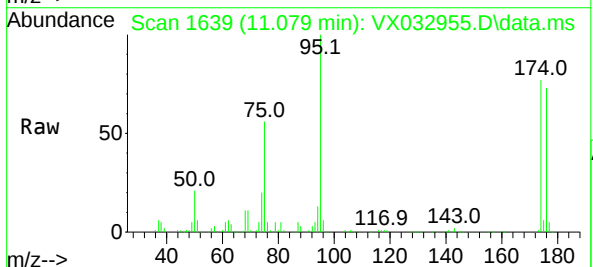
Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117

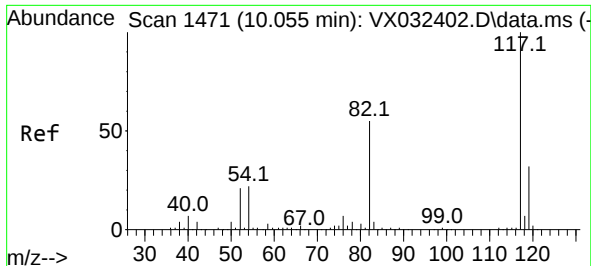
Tgt Ion: 97	Resp:	964	
Ion	Ratio	Lower	Upper
97	100		
83	74.3	68.1	102.1
85	59.8	43.3	64.9
99	53.5	50.4	75.6



#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Tgt Ion: 95	Resp:	81518	
Ion Ratio	Lower	Upper	
95 100			
174	81.4	0.0	164.0
176	79.2	0.0	154.4

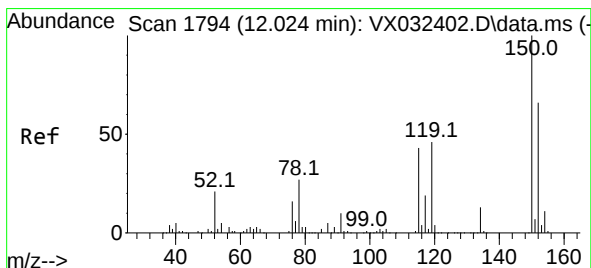
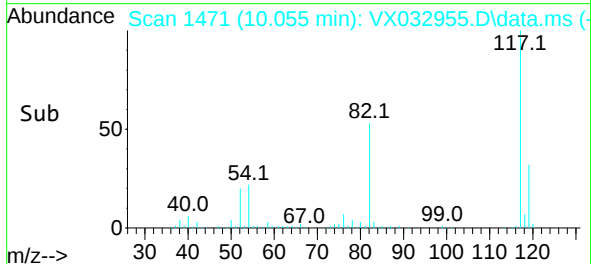
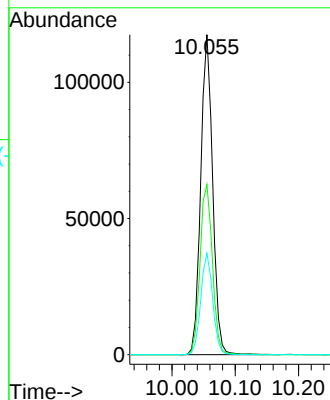
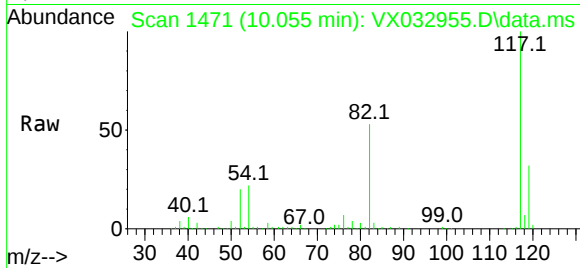




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Instrument :
MSVOA_X
ClientSampleId :
RE115D1-20221117

Tgt Ion:117 Resp: 154276
Ion Ratio Lower Upper
117 100
82 53.2 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032955.D
Acq: 21 Nov 2022 16:19

Tgt Ion:152 Resp: 72413
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 155.6 0.0 351.8

