

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027595.D
 Acq On : 21 Mar 2022 18:47
 Operator : JC/MD
 Sample : N2000-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-139D2-20220316

Quant Time: Mar 22 05:49:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

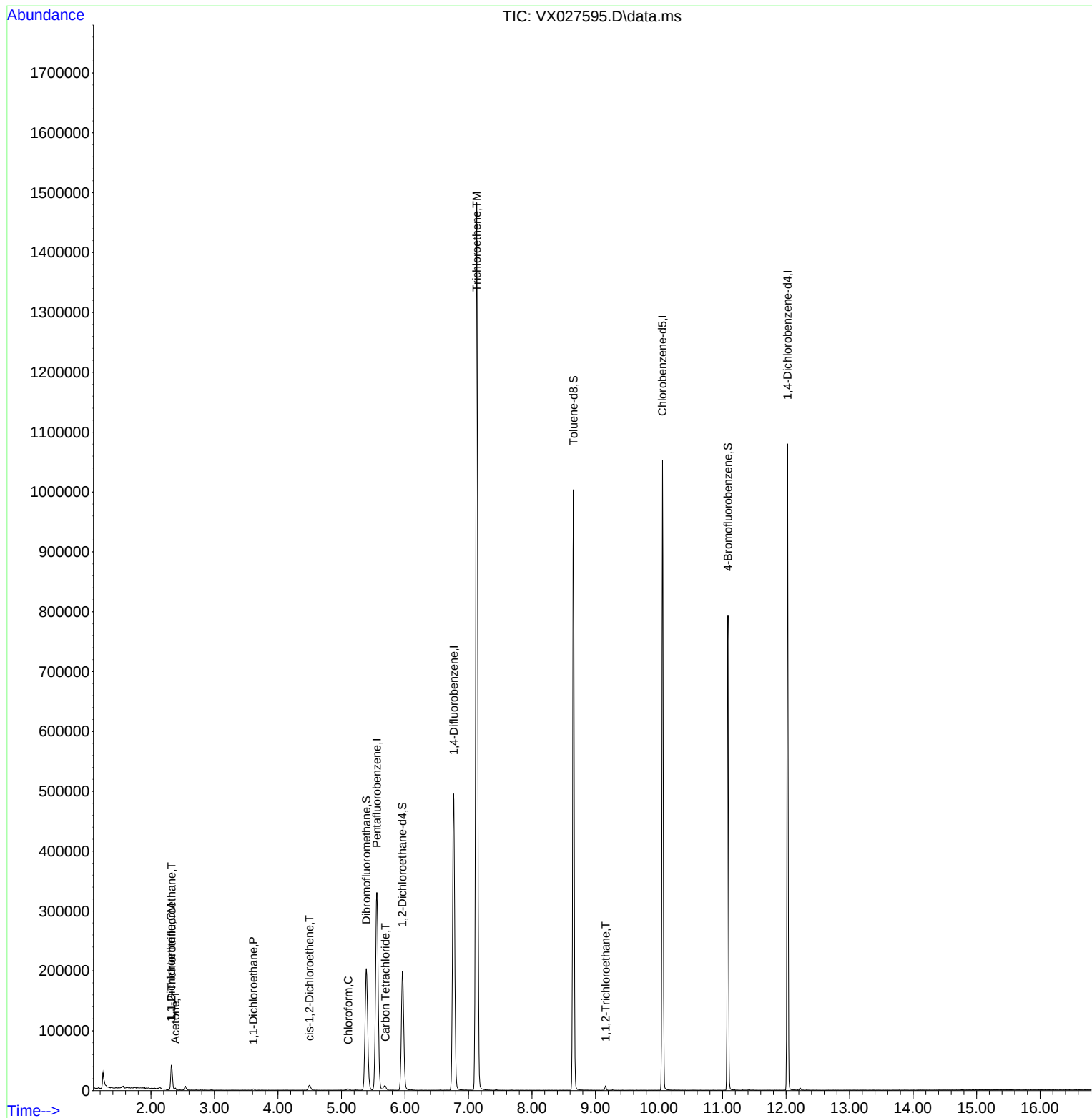
Internal Standards						
1) Pentafluorobenzene	5.556	168	332878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	553296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	501346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	193870	47.277	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.560%
35) Dibromofluoromethane	5.391	113	181006	50.847	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.700%
50) Toluene-d8	8.653	98	637599	47.332	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.660%
62) 4-Bromofluorobenzene	11.085	95	221305	44.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.400%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	8915	2.767	ug/l	94
12) 1,1-Dichloroethene	2.318	96	8559	2.769	ug/l	92
16) Acetone	2.386	43	3317	1.984	ug/l	89
24) 1,1-Dichloroethane	3.611	63	2274	0.396	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	5687	1.487	ug/l	90
30) Chloroform	5.105	83	2747	0.433	ug/l	99
38) Carbon Tetrachloride	5.690	117	7306	1.313	ug/l	94
44) Trichloroethene	7.129	130	615563	145.293	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	2145	0.563	ug/l	94

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

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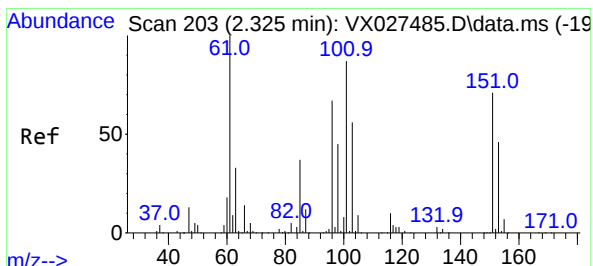
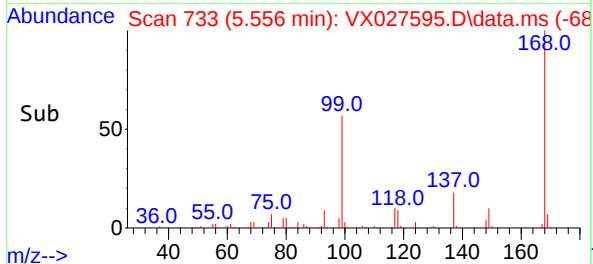
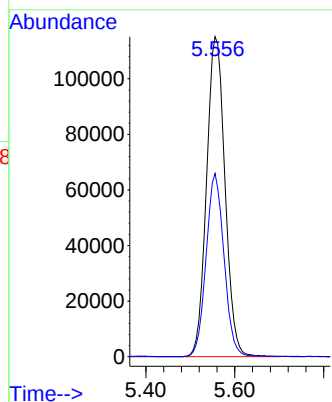
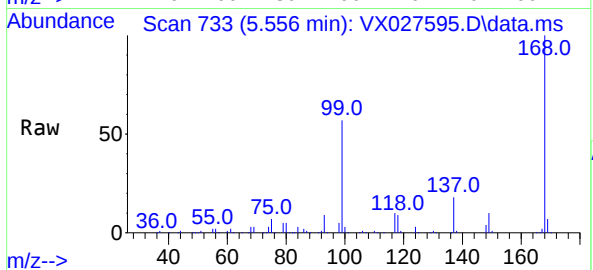




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

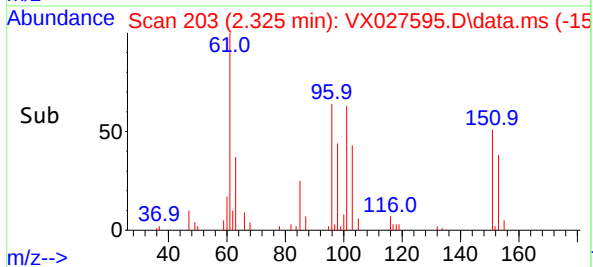
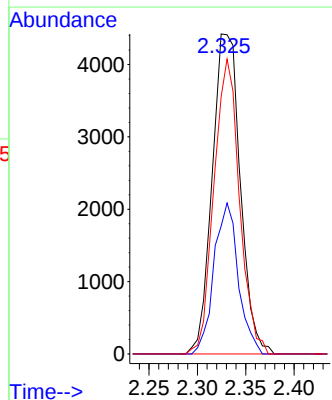
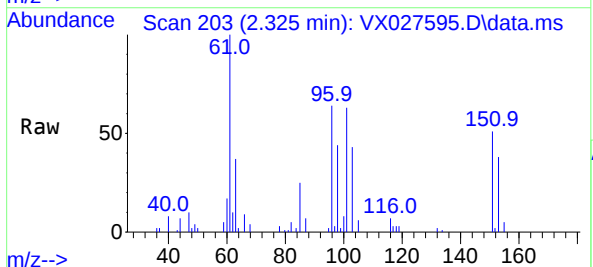
Instrument :
MSVOA_X
ClientSampleId :
RE-139D2-20220316

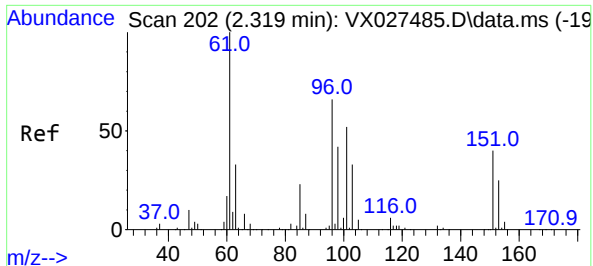
Tgt Ion:168 Resp: 332878
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.767 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

Tgt Ion:101 Resp: 8915
Ion Ratio Lower Upper
101 100
85 40.8 33.5 50.3
151 83.8 61.8 92.6

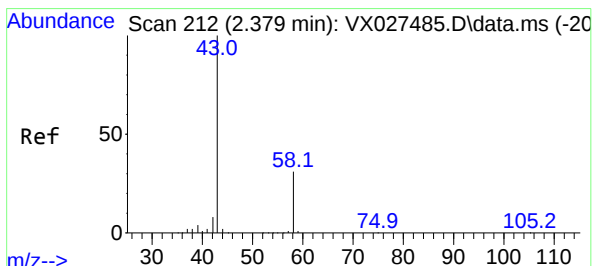
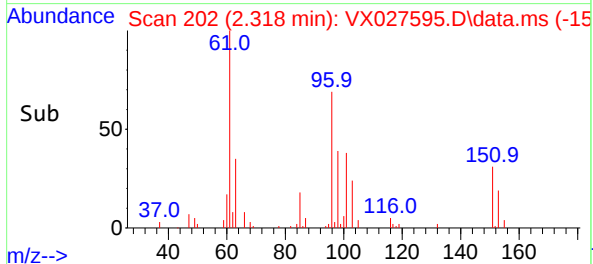
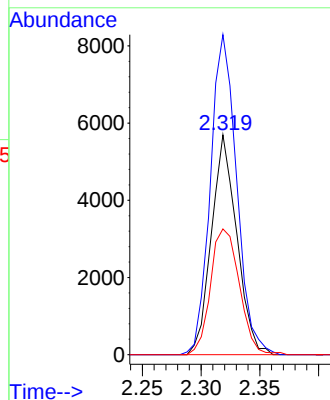
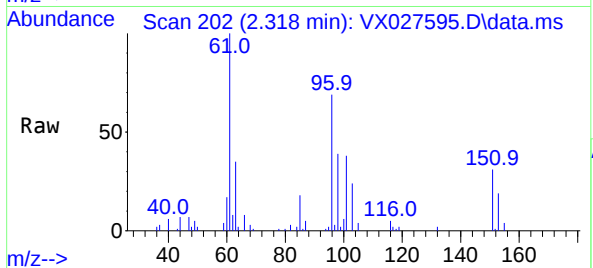




#12
1,1-Dichloroethene
Concen: 2.769 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

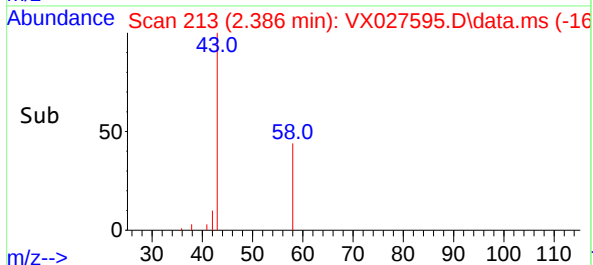
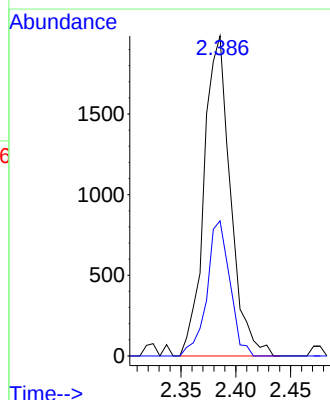
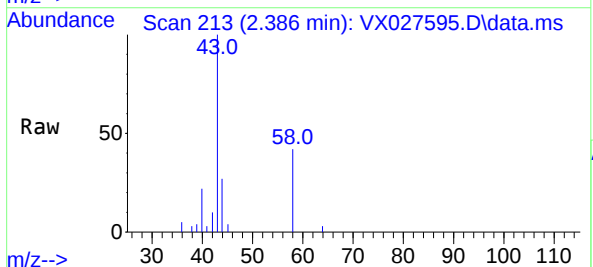
Instrument :
MSVOA_X
ClientSampleId :
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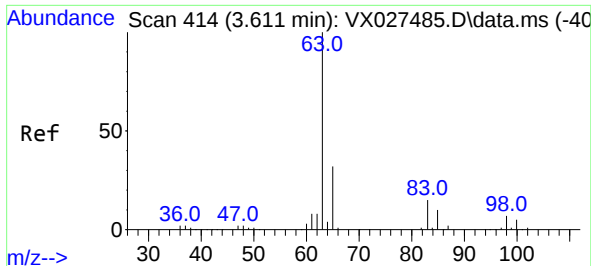
Tgt Ion: 96 Resp: 8559
Ion Ratio Lower Upper
96 100
61 145.5 124.6 187.0
98 57.2 51.0 76.4



#16
Acetone
Concen: 1.984 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 42.2 28.8 43.2

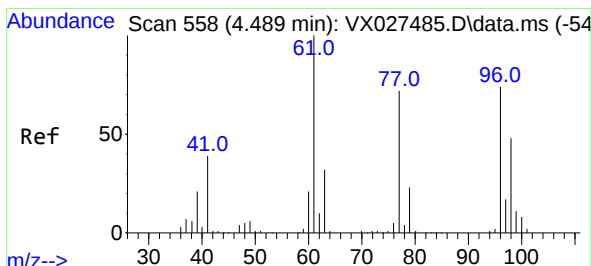
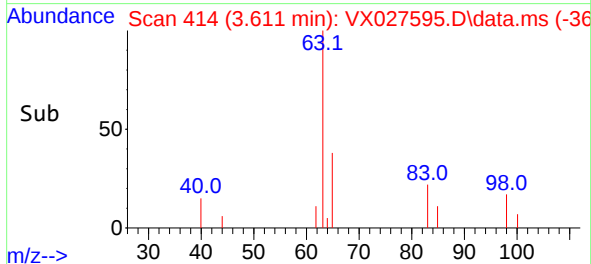
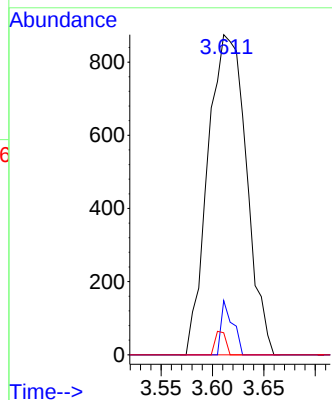
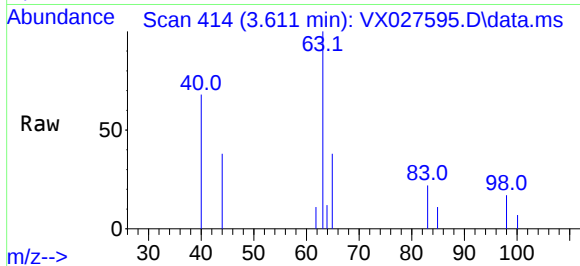




#24
1,1-Dichloroethane
Concen: 0.396 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

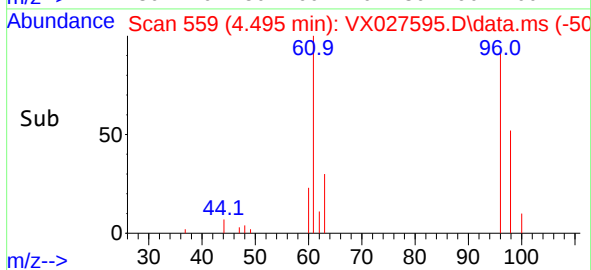
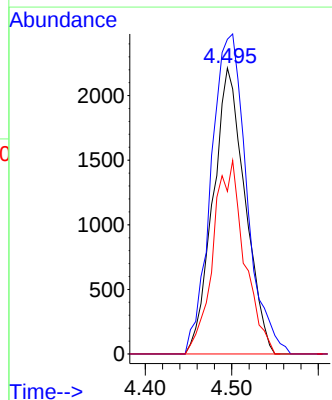
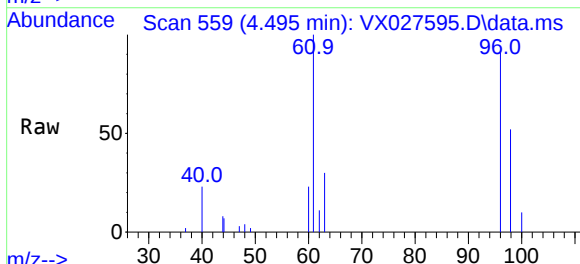
Instrument :
MSVOA_X
ClientSampleId :
RE-139D2-20220316

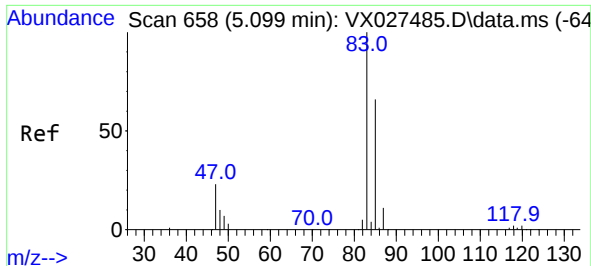
Tgt Ion: 63 Resp: 2274
Ion Ratio Lower Upper
63 100
98 16.9 3.9 11.7#
100 6.9 2.4 7.2



#27
cis-1,2-Dichloroethene
Concen: 1.487 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

Tgt Ion: 96 Resp: 5687
Ion Ratio Lower Upper
96 100
61 124.6 0.0 283.8
98 66.2 0.0 129.8





#30

Chloroform

Concen: 0.433 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027595.D

Acq: 21 Mar 2022 18:47

Instrument :

MSVOA_X

ClientSampleId :

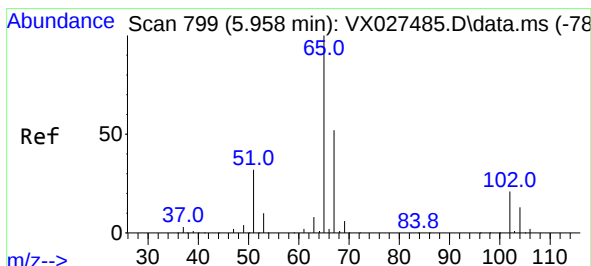
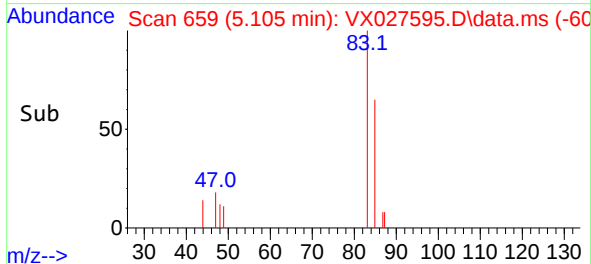
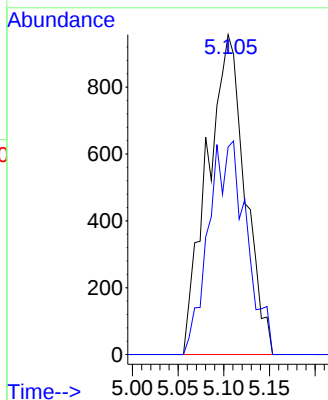
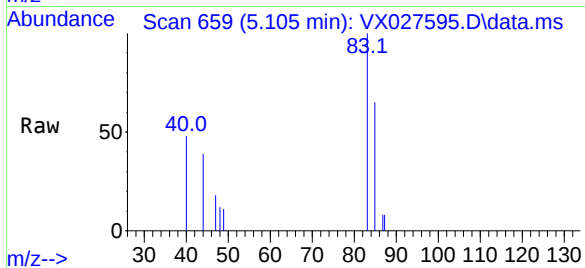
RE-139D2-20220316

Tgt Ion: 83 Resp: 2747

Ion Ratio Lower Upper

83 100

85 64.9 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 47.277 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX027595.D

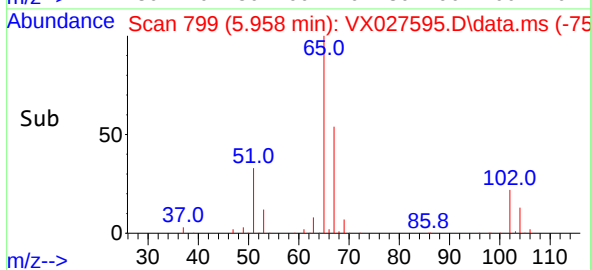
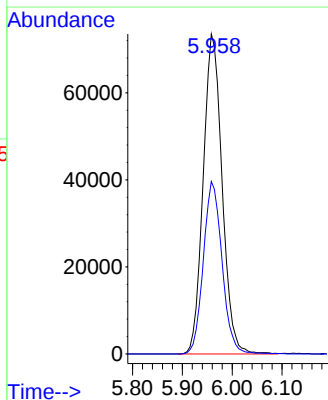
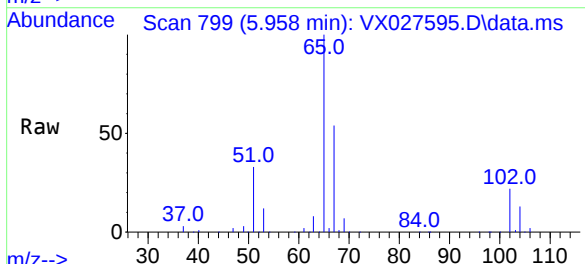
Acq: 21 Mar 2022 18:47

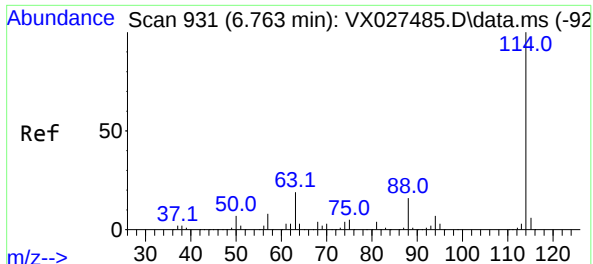
Tgt Ion: 65 Resp: 193870

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4

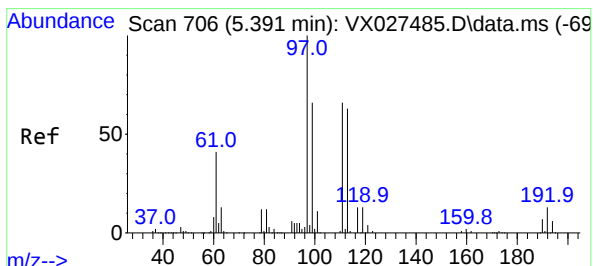
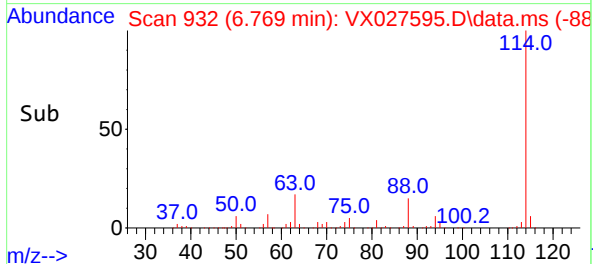
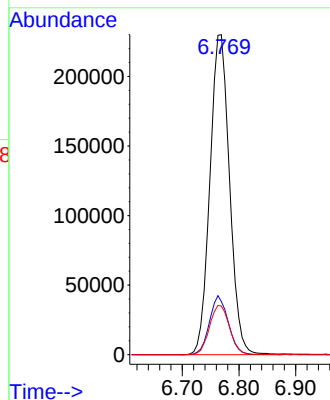
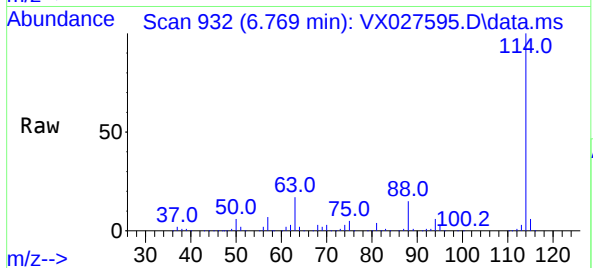




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

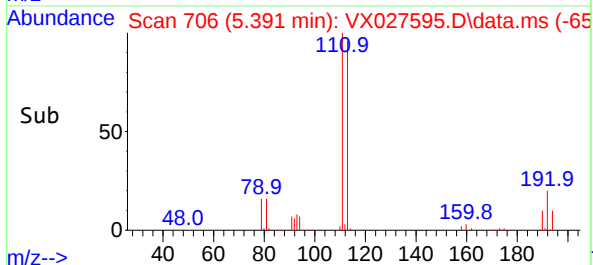
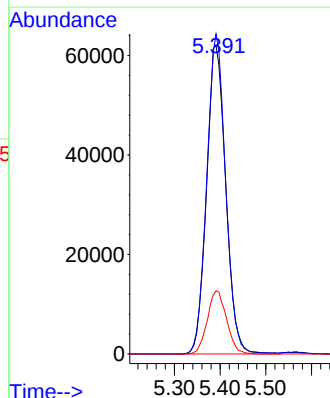
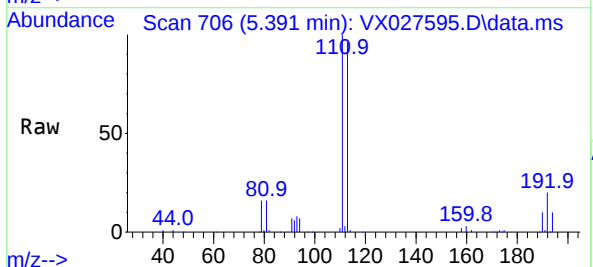
Instrument :
MSVOA_X
ClientSampleId :
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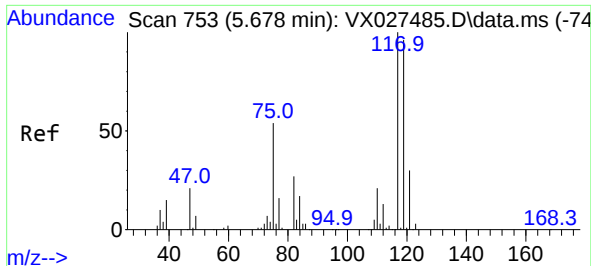
Tgt Ion:114 Resp: 553296
Ion Ratio Lower Upper
114 100
63 16.6 0.0 36.8
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.847 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

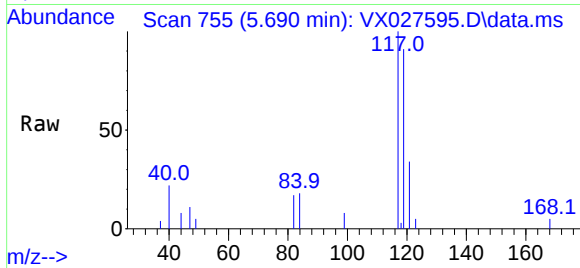
Tgt Ion:113 Resp: 181006
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 20.4 16.9 25.3



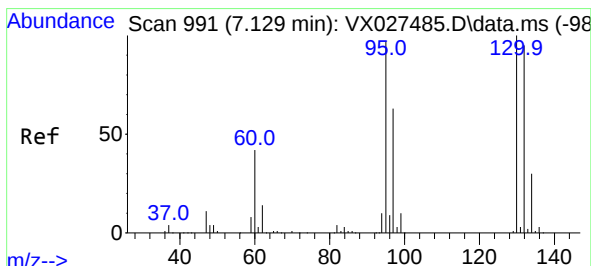
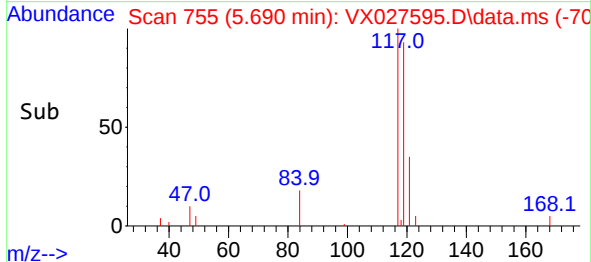
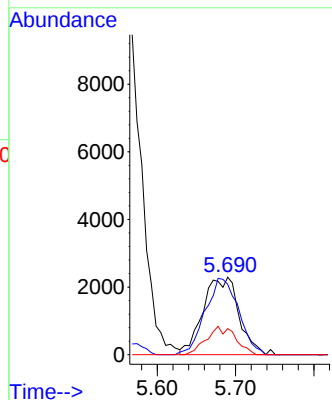


#38
Carbon Tetrachloride
Concen: 1.313 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

Instrument :
MSVOA_X
ClientSampleId :
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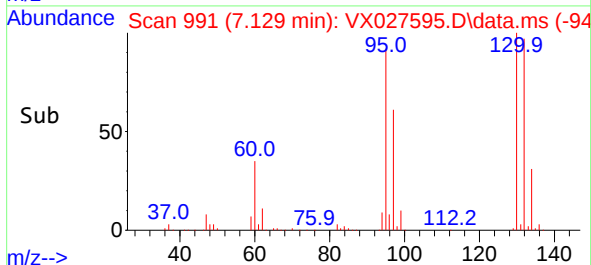
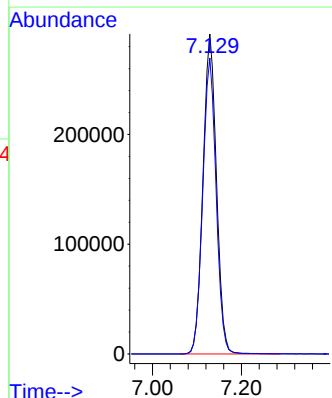
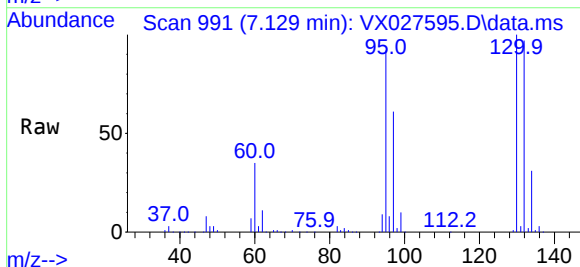


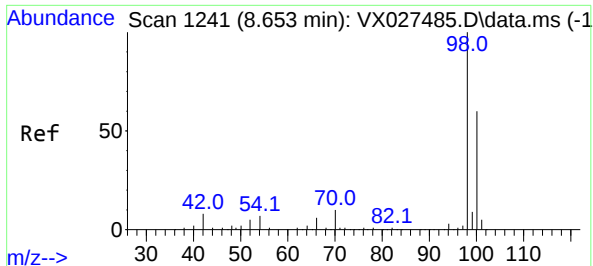
Tgt Ion:117 Resp: 7306
Ion Ratio Lower Upper
117 100
119 91.0 77.3 115.9
121 33.8 24.2 36.2



#44
Trichloroethene
Concen: 145.293 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

Tgt Ion:130 Resp: 615563
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.8

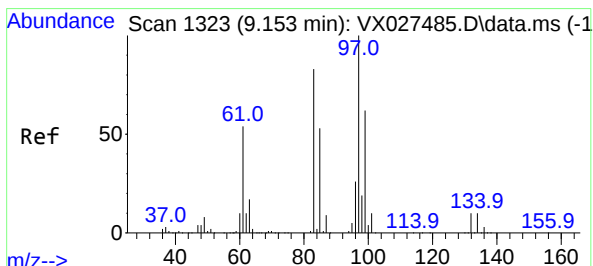
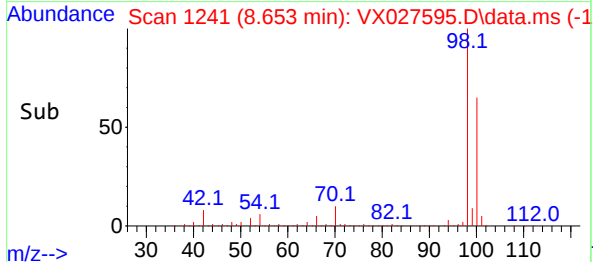
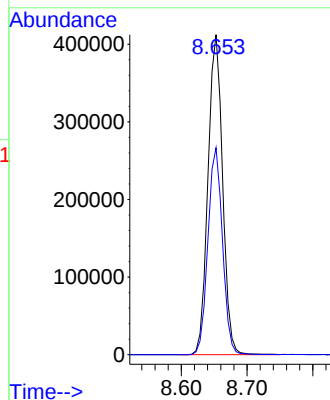
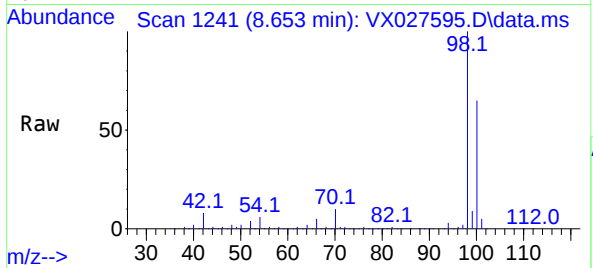




#50
Toluene-d8
Concen: 47.332 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

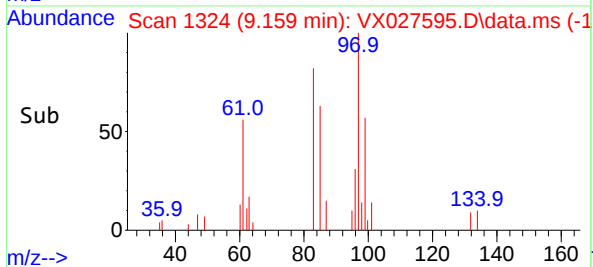
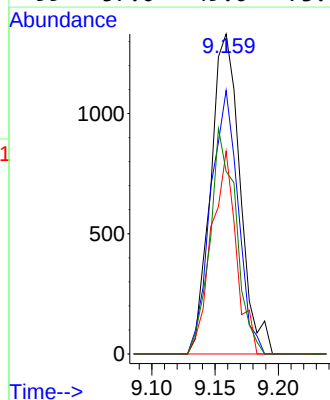
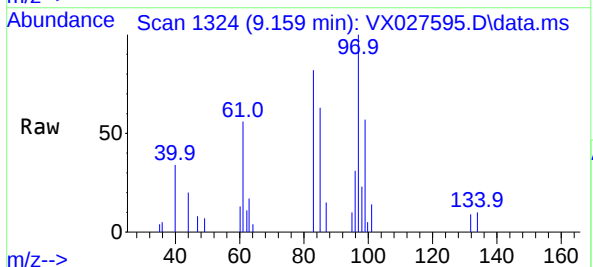
Instrument :
MSVOA_X
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RE-139D2-20220316

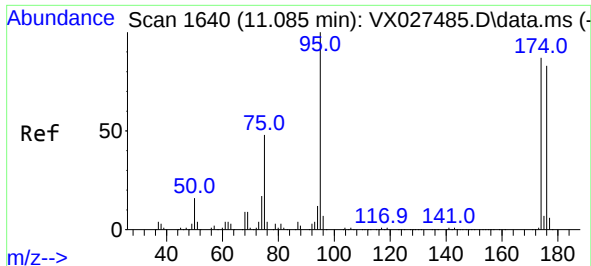
Tgt Ion: 98 Resp: 637599
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#55
1,1,2-Trichloroethane
Concen: 0.563 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

Tgt Ion: 97 Resp: 2145
Ion Ratio Lower Upper
97 100
83 82.3 66.2 99.4
85 63.3 42.9 64.3
99 57.0 49.0 73.6

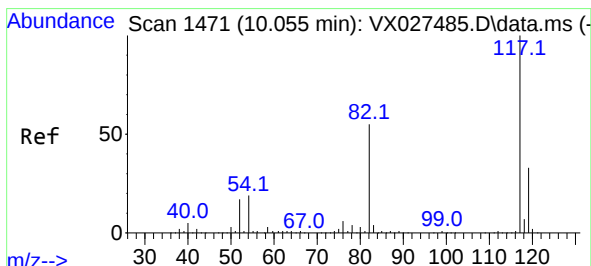
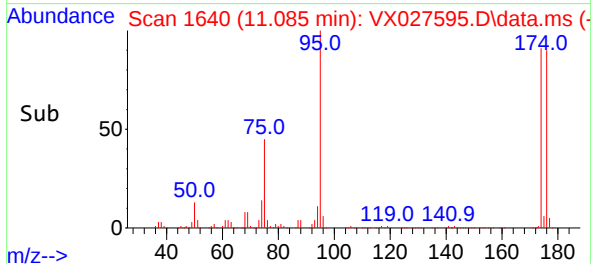
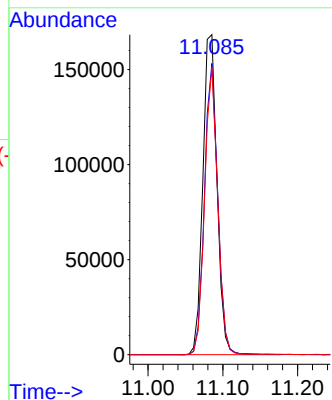
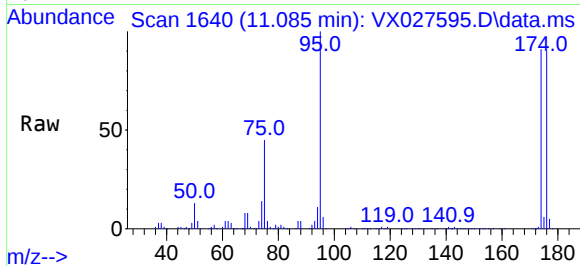




#62
4-Bromofluorobenzene
Concen: 44.697 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

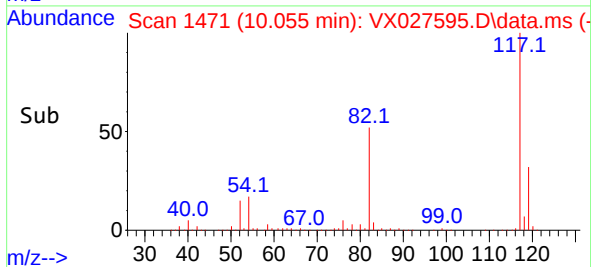
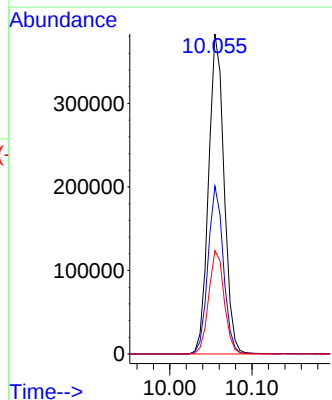
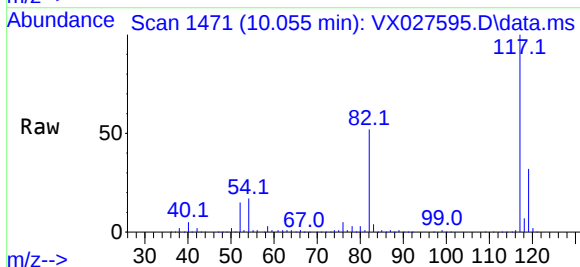
Instrument :
MSVOA_X
ClientSampleId :
RE-139D2-20220316

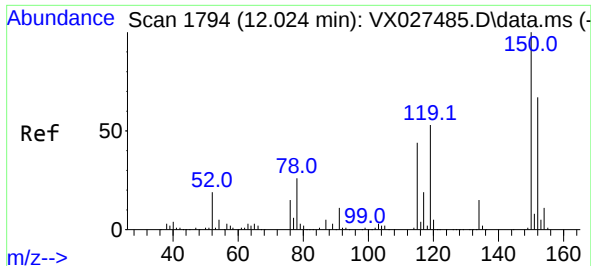
Tgt Ion: 95 Resp: 221305
Ion Ratio Lower Upper
95 100
174 85.6 0.0 163.0
176 83.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027595.D
Acq: 21 Mar 2022 18:47

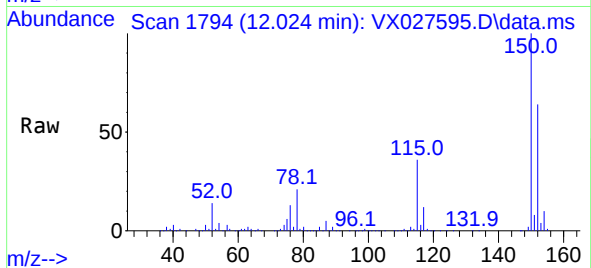
Tgt Ion: 117 Resp: 501346
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.8
119 32.3 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX027595.D
 Acq: 21 Mar 2022 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-139D2-20220316



Tgt Ion:152 Resp: 231374
 Ion Ratio Lower Upper
 152 100
 115 57.9 37.5 112.7
 150 156.2 0.0 338.2

