

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044403.D
 Acq On : 19 Dec 2024 01:00
 Operator : JC/MD
 Sample : P5317-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D1-20241216

Quant Time: Dec 19 05:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

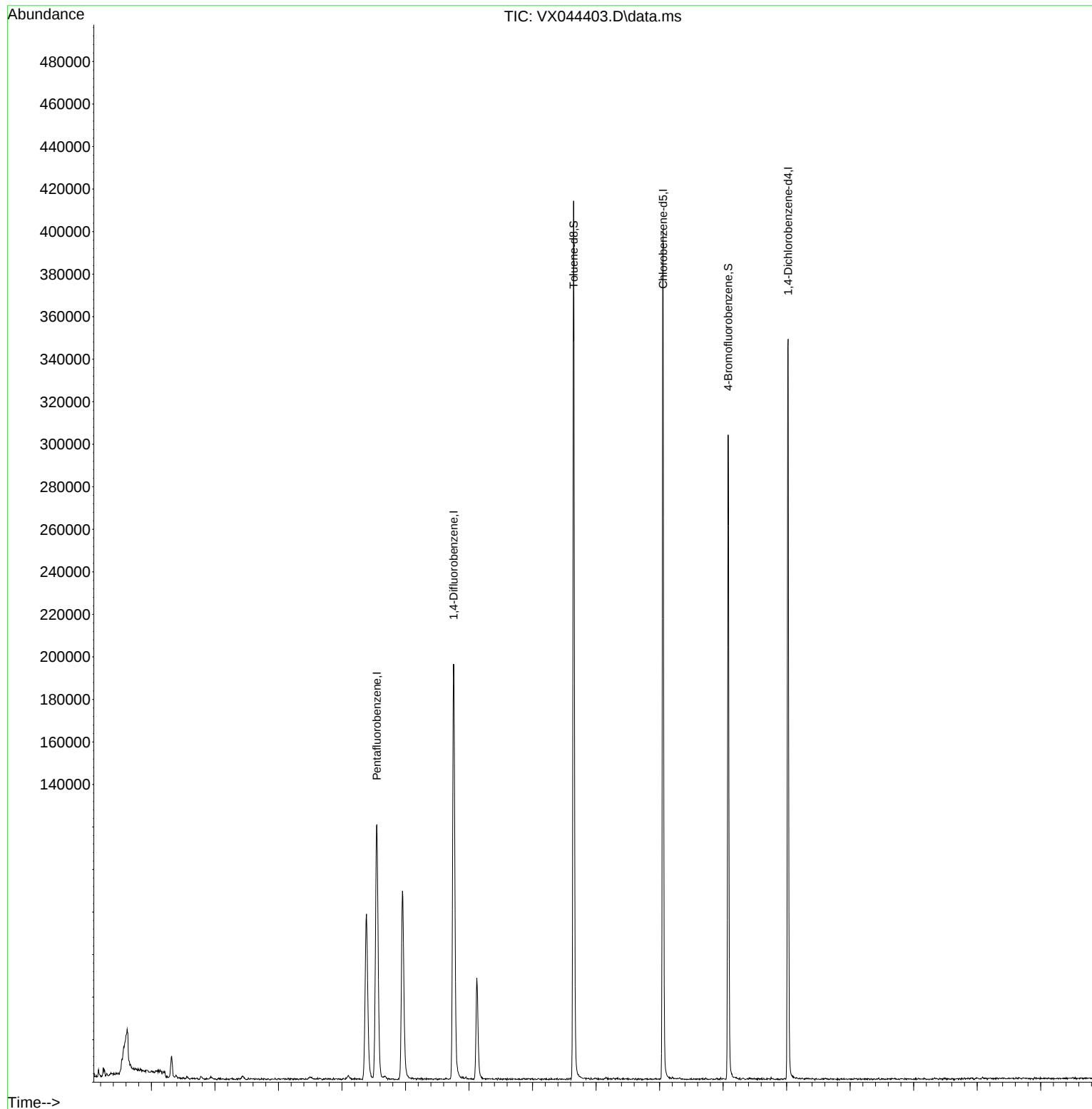
Internal Standards						
1) Pentafluorobenzene	5.550	168	111089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87318	44.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.660%		
35) Dibromofluoromethane	5.385	113	65736	48.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.260%		
50) Toluene-d8	8.647	98	241867	52.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.980%		
62) 4-Bromofluorobenzene	11.079	95	78444	48.720	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1636	0.952	ug/l	95
3) Chloromethane	1.294	50	950	0.578	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.318	101	3085	2.276	ug/l	98
12) 1,1-Dichloroethene	2.312	96	1093	0.878	ug/l #	59
16) Acetone	2.385	43	1250	1.574	ug/l	99
20) Methylene Chloride	2.782	84	429	0.288	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	610	0.363	ug/l	88
30) Chloroform	5.092	83	1852	0.633	ug/l	97
44) Trichloroethene	7.129	130	18379	13.749	ug/l	97

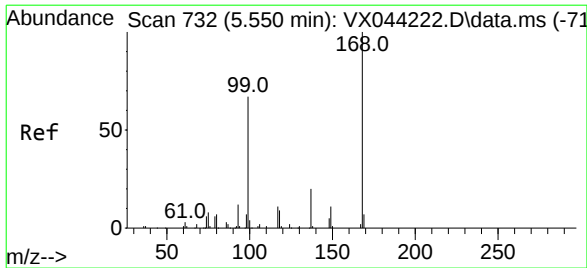
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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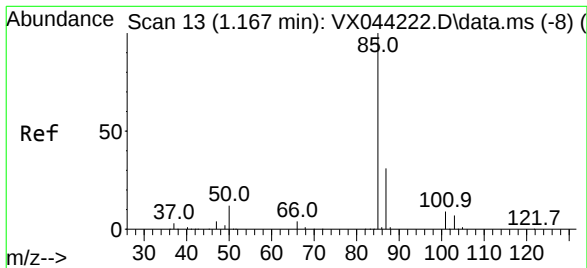
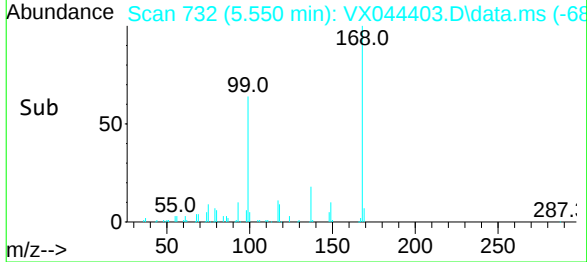
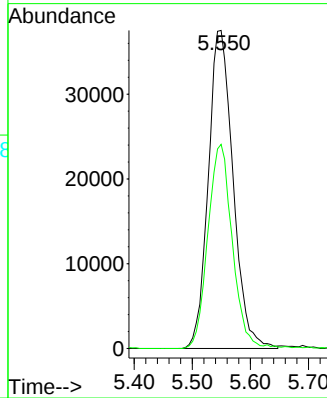
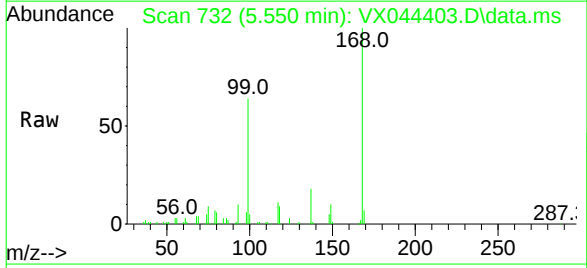




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

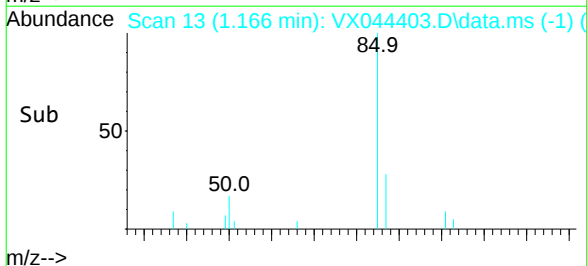
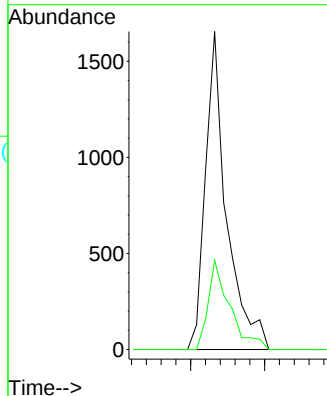
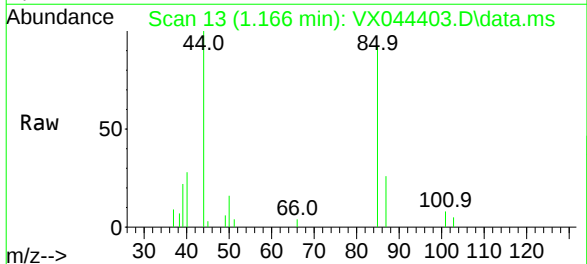
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

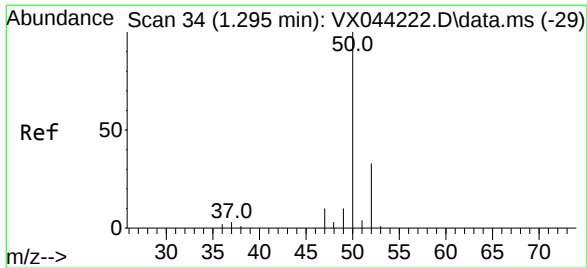
Tgt Ion:168 Resp: 111089
Ion Ratio Lower Upper
168 100
99 64.2 53.4 80.0



#2
Dichlorodifluoromethane
Concen: 0.952 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

Tgt Ion: 85 Resp: 1636
Ion Ratio Lower Upper
85 100
87 28.0 15.4 46.4

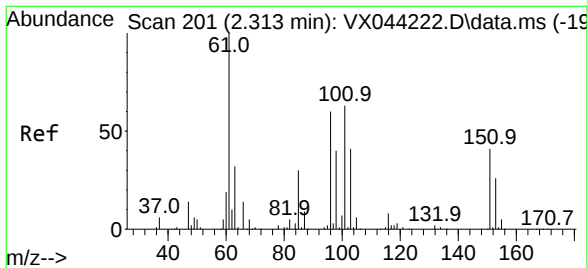
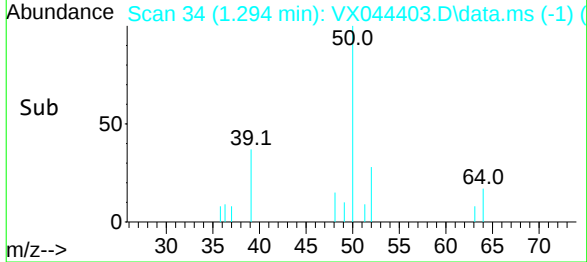
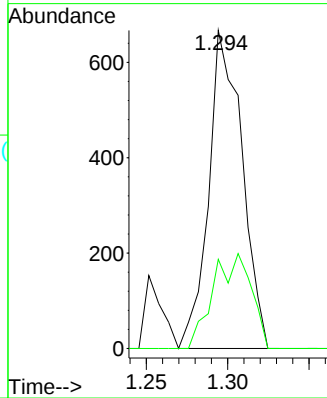
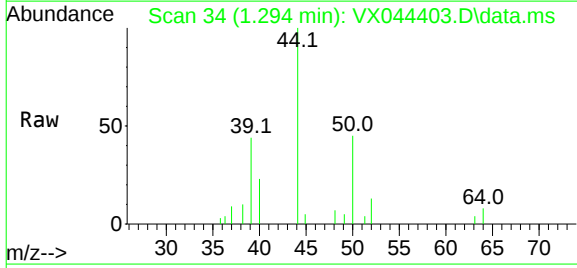




#3
Chloromethane
Concen: 0.578 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

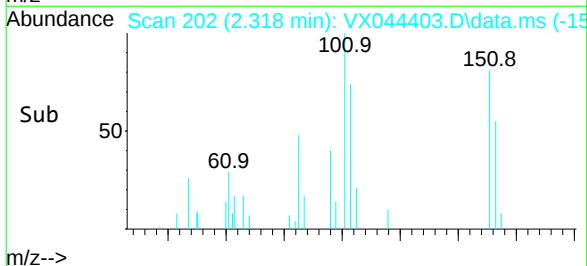
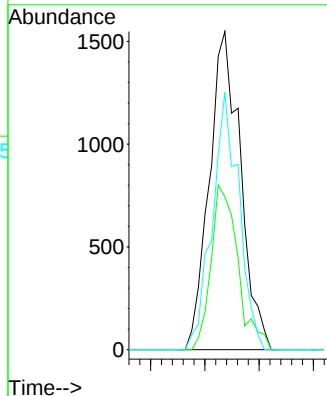
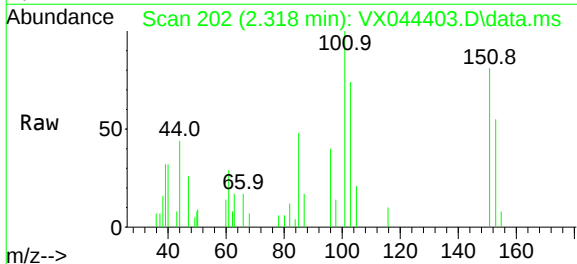
Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

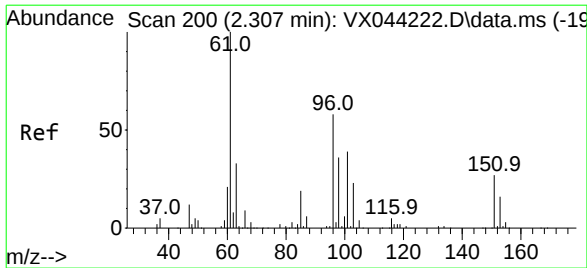
Tgt Ion: 50 Resp: 950
Ion Ratio Lower Upper
50 100
52 28.0 26.5 39.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.276 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

Tgt Ion: 101 Resp: 3085
Ion Ratio Lower Upper
101 100
85 44.6 38.5 57.7
151 69.5 55.8 83.6





#12

1,1-Dichloroethene

Concen: 0.878 ug/l

RT: 2.312 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044403.D

Acq: 19 Dec 2024 01:00

Instrument :

MSVOA_X

ClientSampleId :

TT191D1-20241216

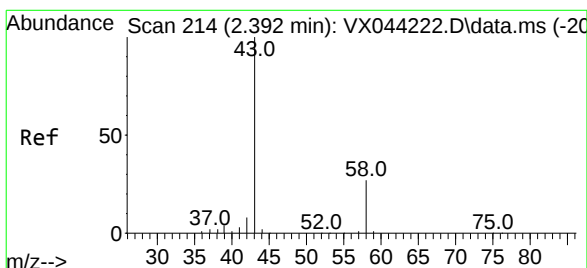
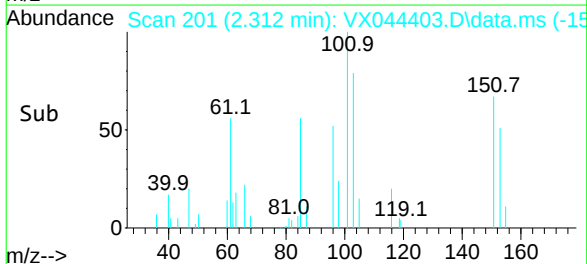
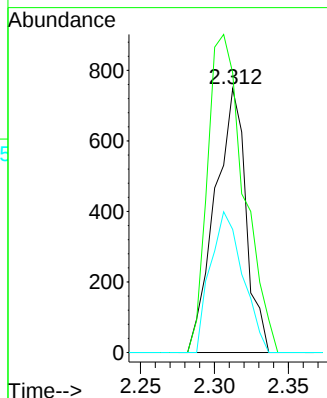
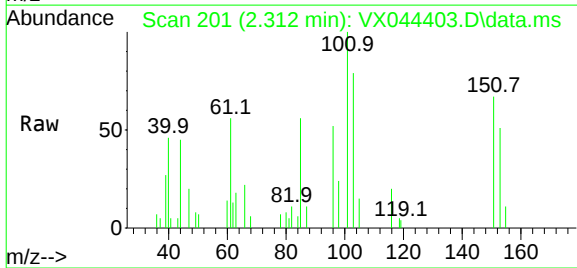
Tgt Ion: 96 Resp: 1093

Ion Ratio Lower Upper

96 100

61 106.0 138.0 207.0#

98 46.7 50.0 75.0#



#16

Acetone

Concen: 1.574 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044403.D

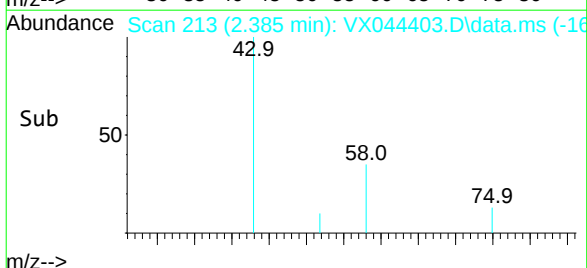
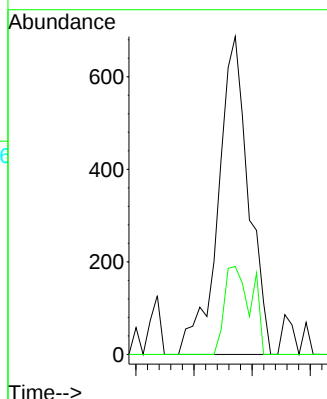
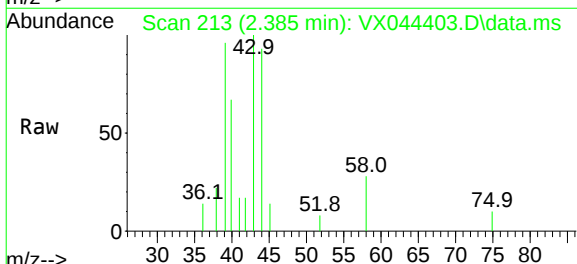
Acq: 19 Dec 2024 01:00

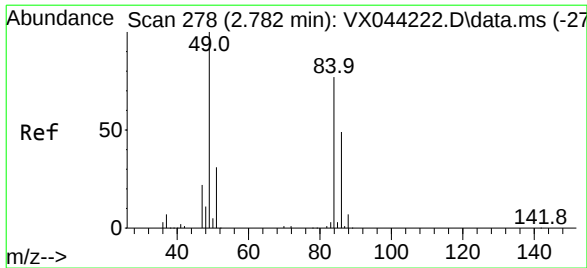
Tgt Ion: 43 Resp: 1250

Ion Ratio Lower Upper

43 100

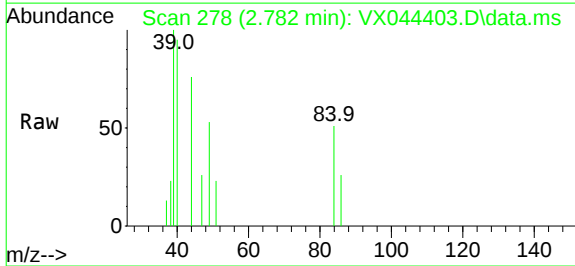
58 27.7 21.6 32.4



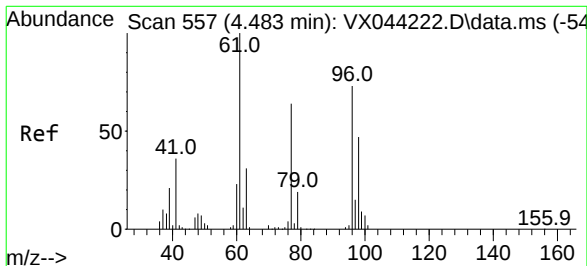
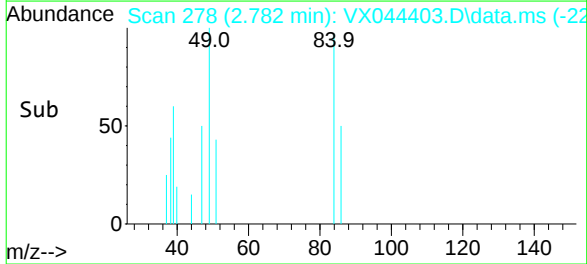
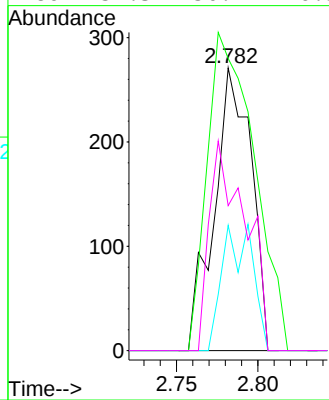


#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 2.782 min Scan# 27
Delta R.T. -0.000 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

Instrument :
MSVOA_X
ClientSampleId :
TT191D1-20241216

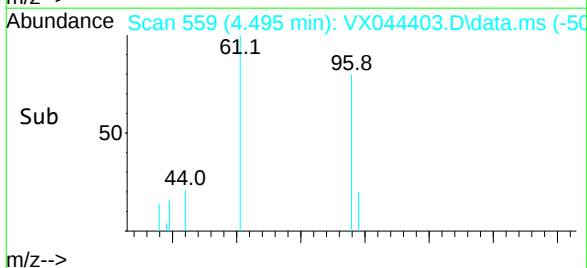
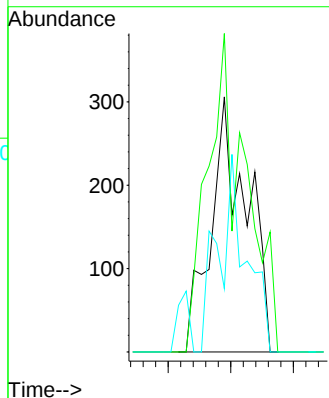
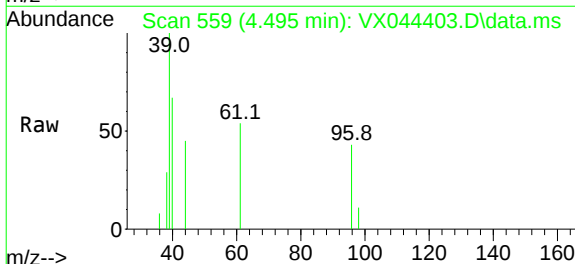


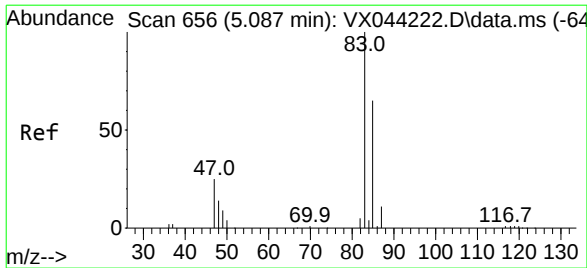
Tgt Ion:	84	Resp:	429
Ion	Ratio	Lower	Upper
84	100		
49	103.3	104.2	156.4#
51	44.3	32.2	48.4
86	51.3	50.9	76.3



#27
cis-1,2-Dichloroethene
Concen: 0.363 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

Tgt Ion:	96	Resp:	610
Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	299.0
98	59.3	0.0	129.0





#30

Chloroform

Concen: 0.633 ug/l

RT: 5.092 min Scan# 65

Delta R.T. 0.006 min

Lab File: VX044403.D

Acq: 19 Dec 2024 01:00

Instrument :

MSVOA_X

ClientSampleId :

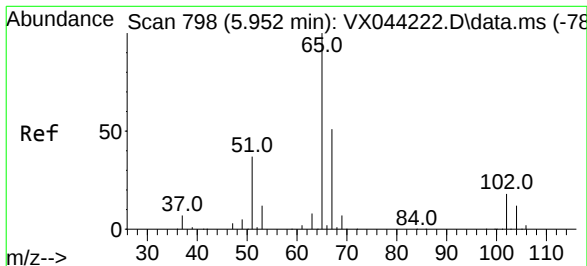
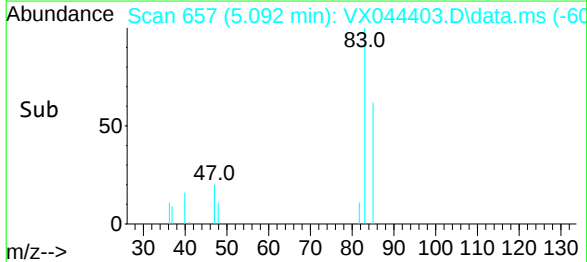
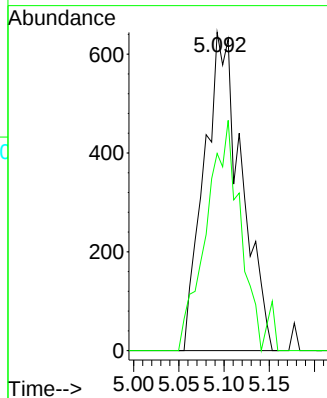
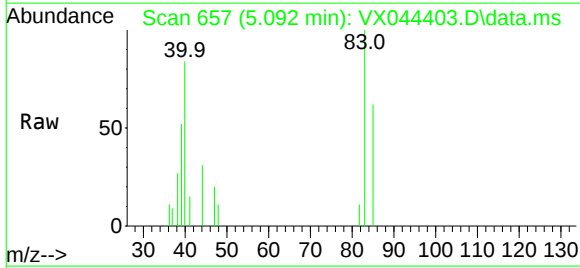
TT191D1-20241216

Tgt Ion: 83 Resp: 1852

Ion Ratio Lower Upper

83 100

85 62.0 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 44.830 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044403.D

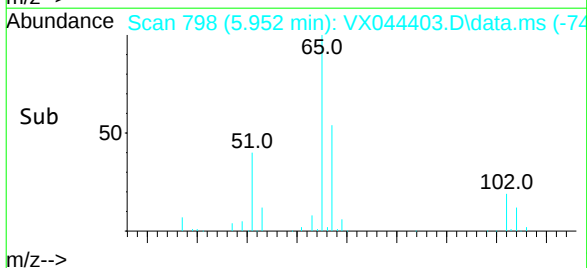
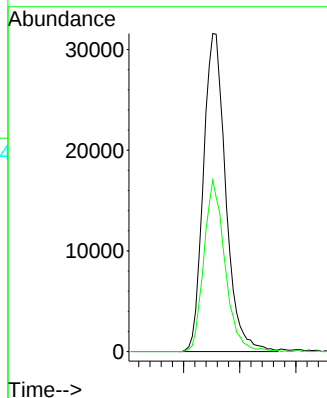
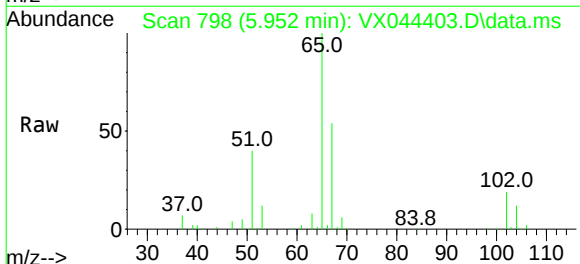
Acq: 19 Dec 2024 01:00

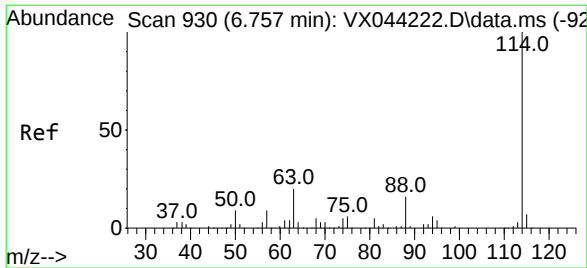
Tgt Ion: 65 Resp: 87318

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.6

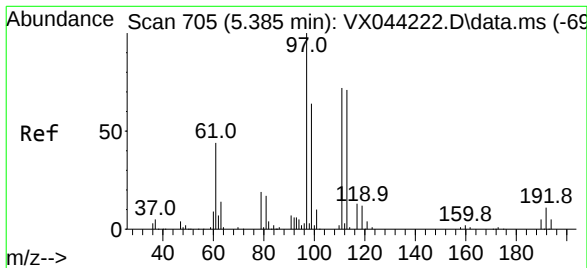
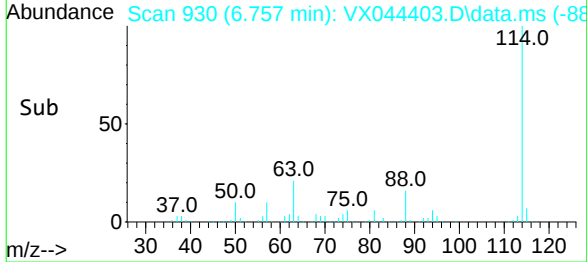
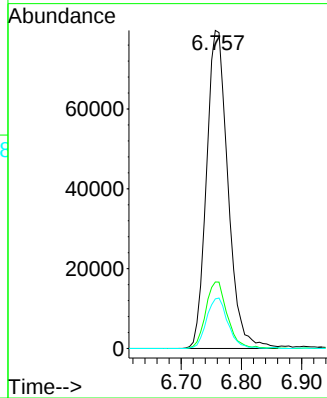
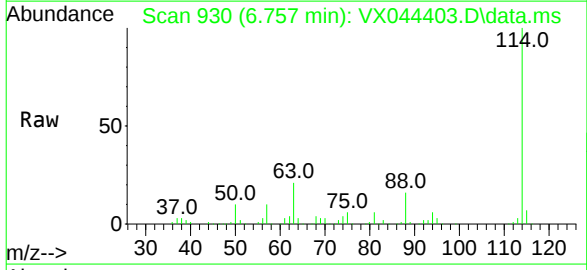




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

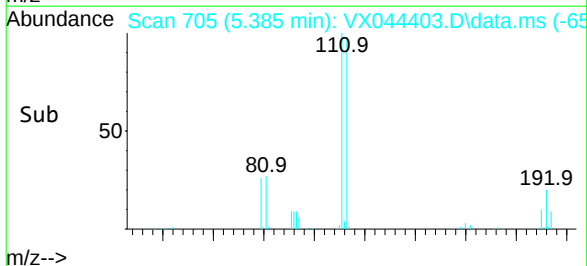
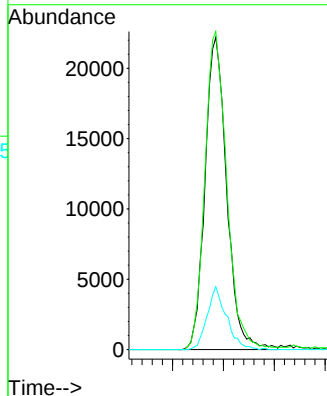
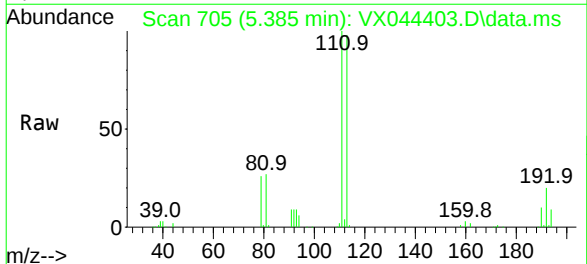
Instrument :
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TT191D1-20241216

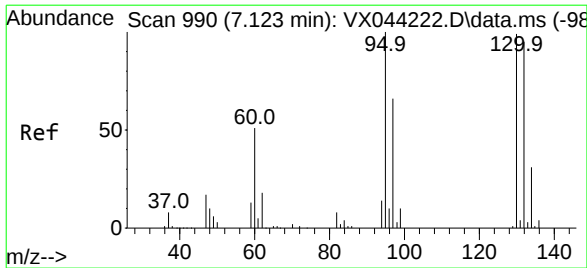
Tgt Ion:	114	Resp:	197202
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.6
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.130 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044403.D
Acq: 19 Dec 2024 01:00

Tgt Ion:	113	Resp:	65736
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.4	120.6
192	18.0	13.3	19.9





#44

Trichloroethene

Concen: 13.749 ug/l

RT: 7.129 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX044403.D

Acq: 19 Dec 2024 01:00

Instrument :

MSVOA_X

ClientSampleId :

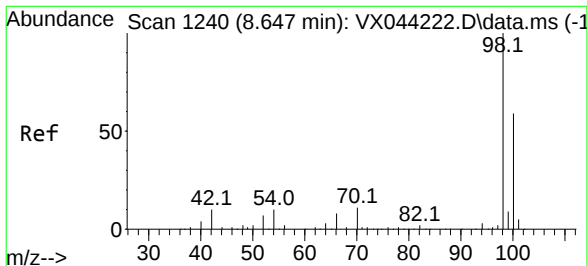
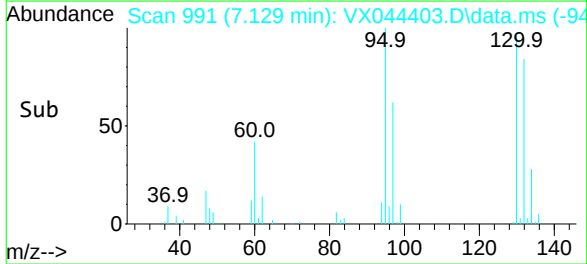
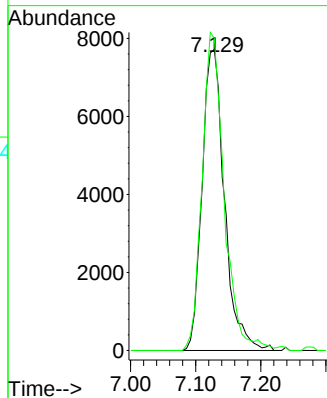
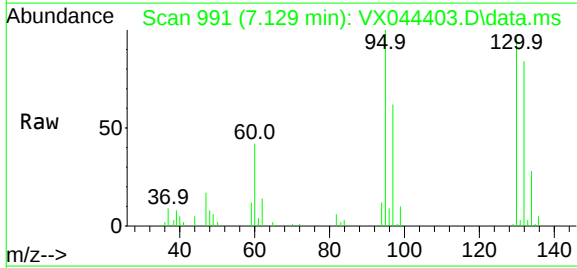
TT191D1-20241216

Tgt Ion:130 Resp: 18379

Ion Ratio Lower Upper

130 100

95 103.7 0.0 201.4



#50

Toluene-d8

Concen: 52.490 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044403.D

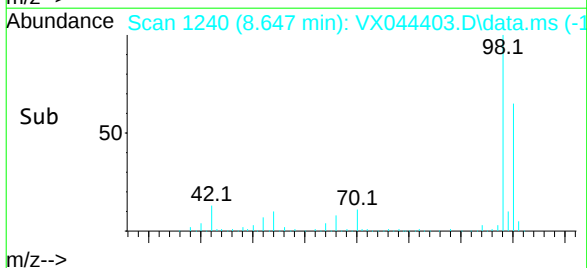
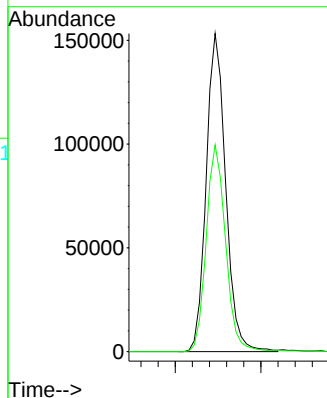
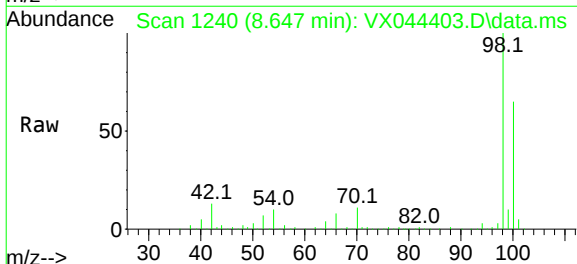
Acq: 19 Dec 2024 01:00

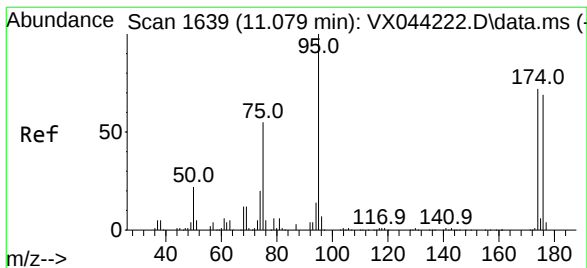
Tgt Ion: 98 Resp: 241867

Ion Ratio Lower Upper

98 100

100 64.7 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 48.720 ug/l

RT: 11.079 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX044403.D

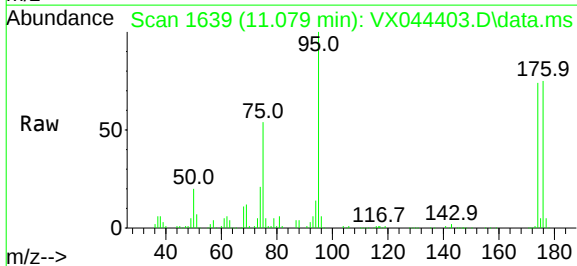
Acq: 19 Dec 2024 01:00

Instrument :

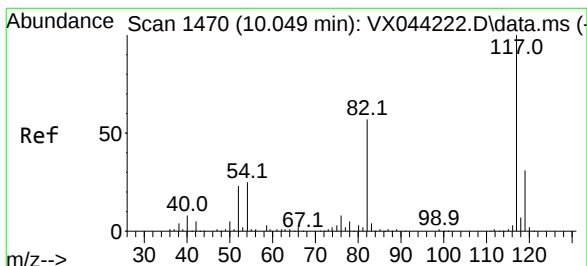
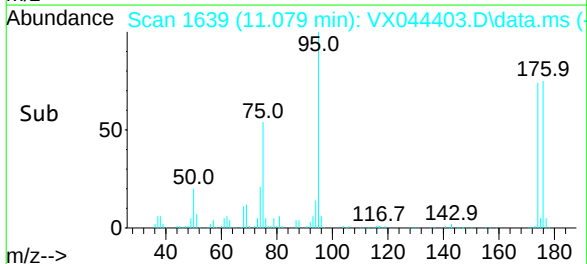
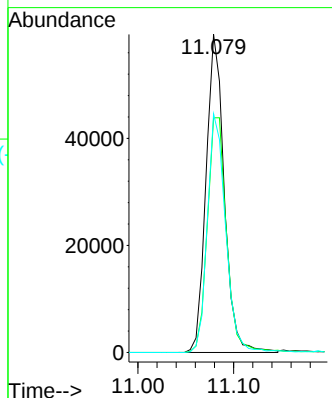
MSVOA_X

ClientSampleId :

TT191D1-20241216



Tgt Ion:	95	Resp:	78444
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	145.8
176	75.8	0.0	137.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

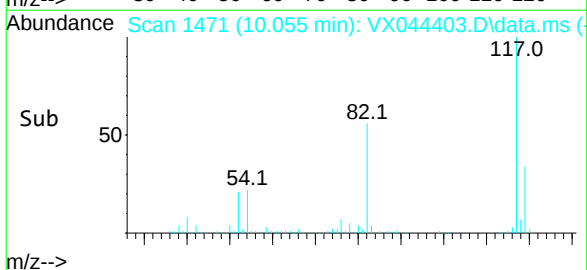
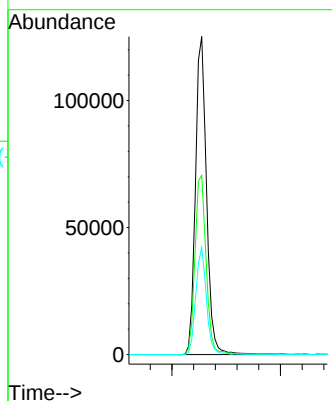
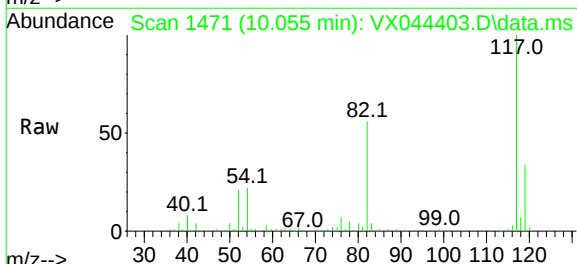
RT: 10.055 min Scan# 1471

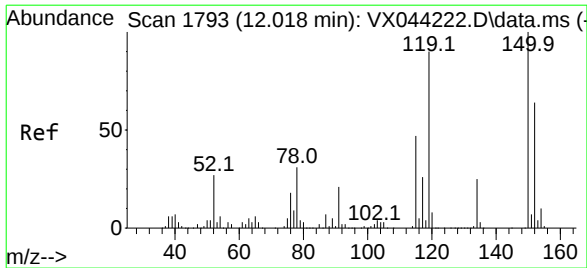
Delta R.T. 0.006 min

Lab File: VX044403.D

Acq: 19 Dec 2024 01:00

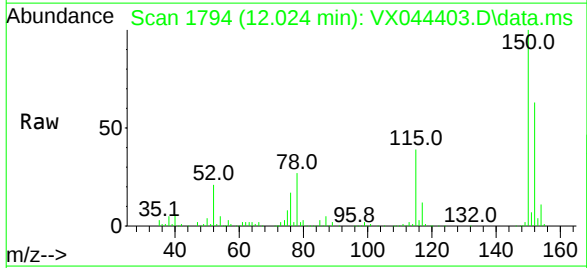
Tgt Ion:	117	Resp:	177391
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.8	68.8
119	33.6	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 17
 Delta R.T. 0.006 min
 Lab File: VX044403.D
 Acq: 19 Dec 2024 01:00

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D1-20241216



Tgt Ion:152 Resp: 72398
 Ion Ratio Lower Upper
 152 100
 115 63.7 44.5 133.3
 150 160.2 0.0 353.8

