

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038903.D
 Acq On : 18 Nov 2023 02:48
 Operator : JC/MD
 Sample : 05404-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20231109

Quant Time: Nov 18 05:06:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

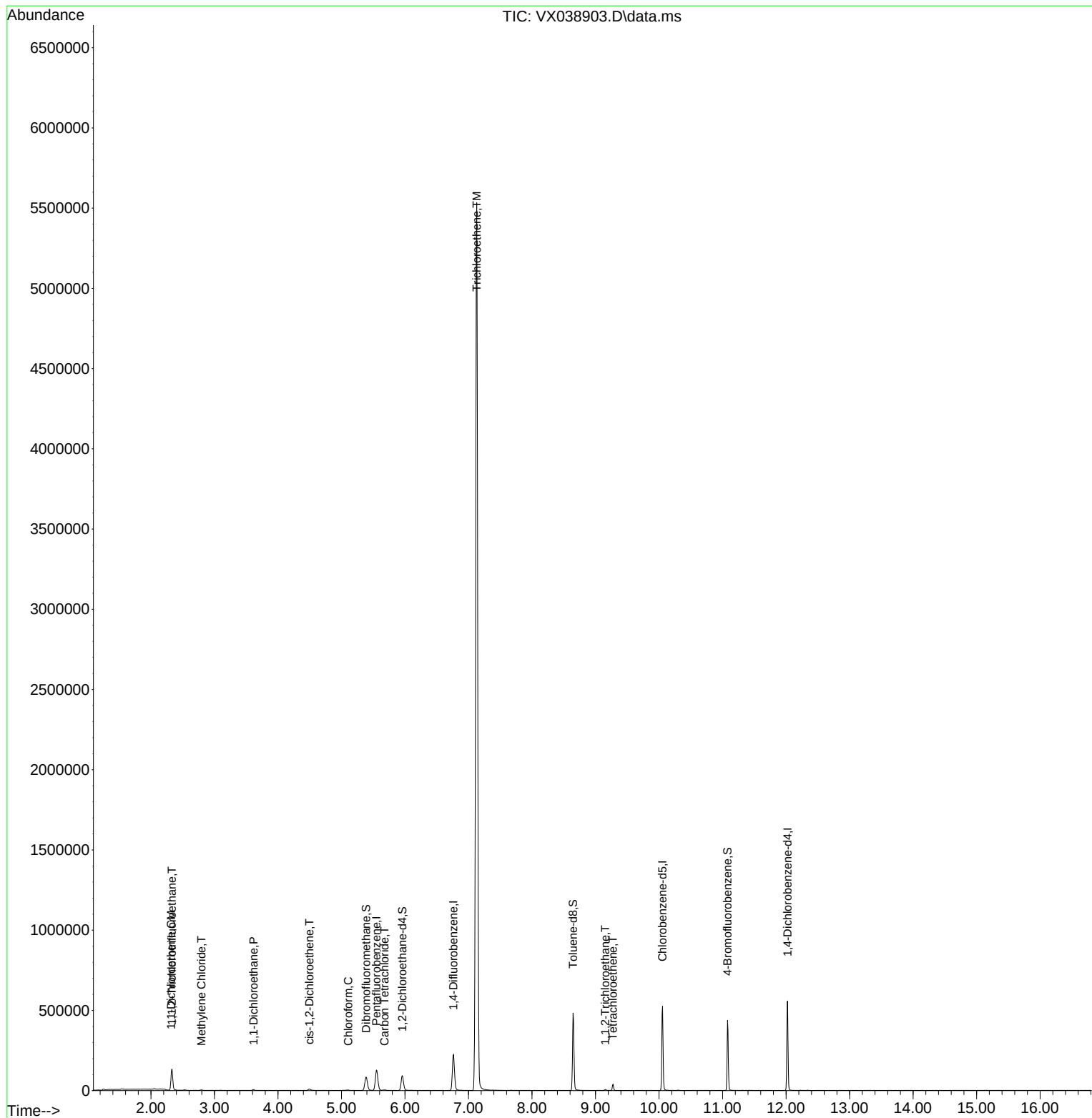
Internal Standards						
1) Pentafluorobenzene	5.550	168	114395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86679	47.024	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.040%
35) Dibromofluoromethane	5.385	113	73243	44.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.460%
50) Toluene-d8	8.647	98	288585	45.554	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.100%#
62) 4-Bromofluorobenzene	11.079	95	122332	48.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	41239	29.201	ug/l	98
12) 1,1-Dichloroethene	2.319	96	13794	9.675	ug/l	89
20) Methylene Chloride	2.794	84	1368	0.773	ug/l	97
24) 1,1-Dichloroethane	3.617	63	5645	1.928	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	5487	2.992	ug/l	85
30) Chloroform	5.105	83	3188	1.115	ug/l	91
38) Carbon Tetrachloride	5.678	117	2458	1.121	ug/l #	95
44) Trichloroethene	7.129	130	2014454	1179.101	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	1921	1.057	ug/l	88
64) Tetrachloroethene	9.275	164	6514	4.484	ug/l	94

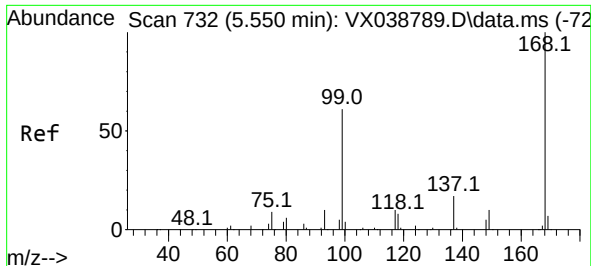
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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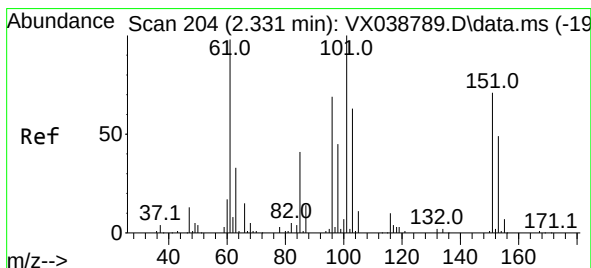
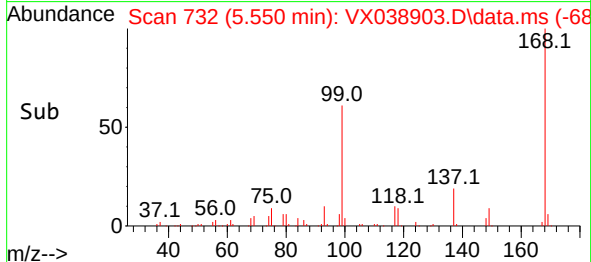
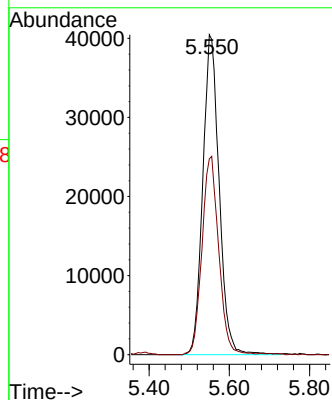
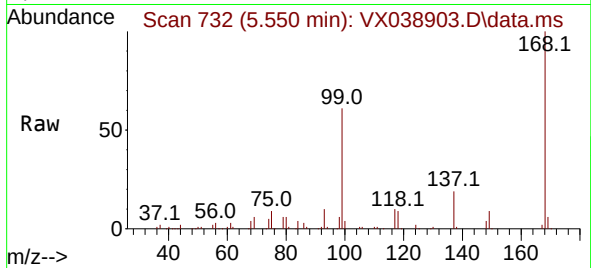




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

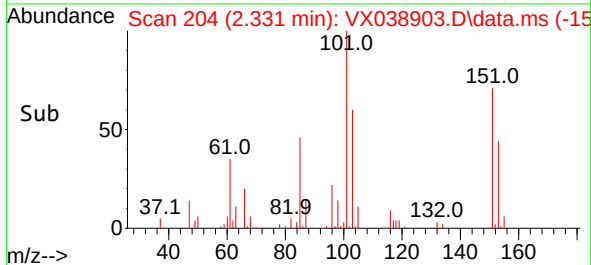
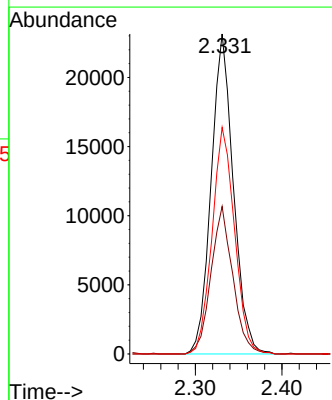
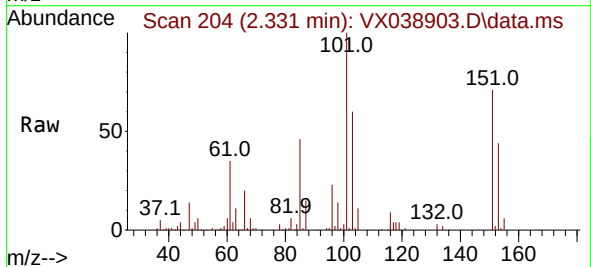
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109

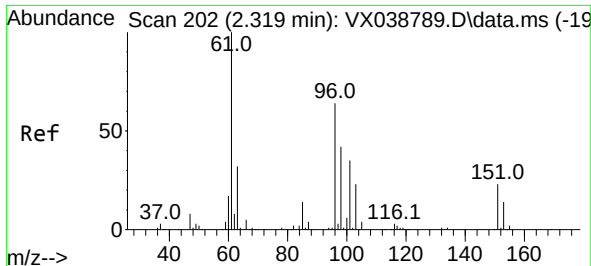
Tgt Ion:168 Resp: 114395
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.201 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

Tgt Ion:101 Resp: 41239
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.6
151 71.7 58.6 87.8





#12

1,1-Dichloroethene

Concen: 9.675 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20231109

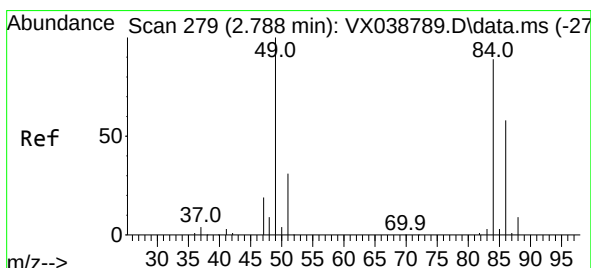
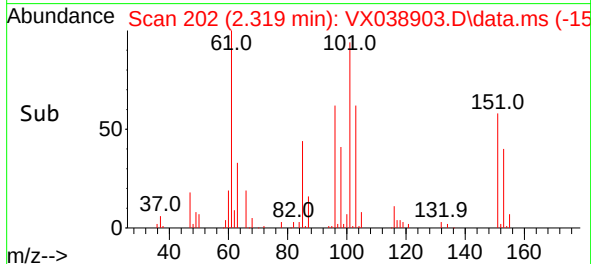
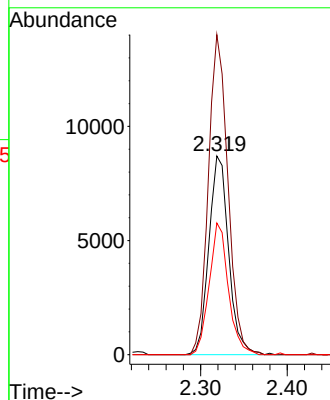
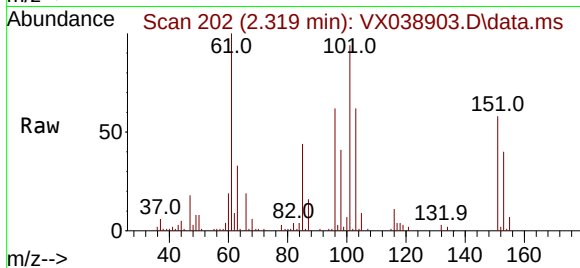
Tgt Ion: 96 Resp: 13794

Ion Ratio Lower Upper

96 100

61 161.1 144.6 216.8

98 66.3 50.4 75.6



#20

Methylene Chloride

Concen: 0.773 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

Tgt Ion: 84 Resp: 1368

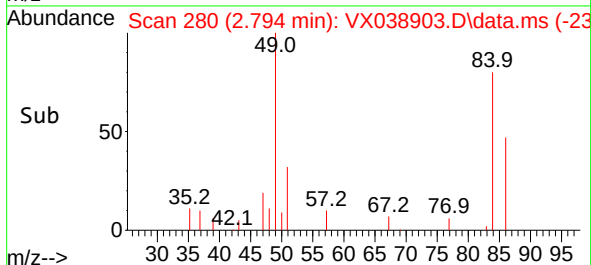
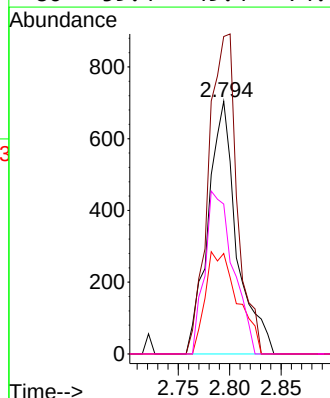
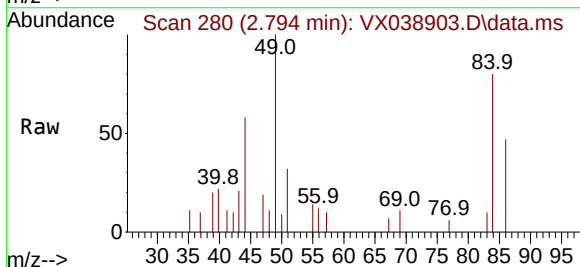
Ion Ratio Lower Upper

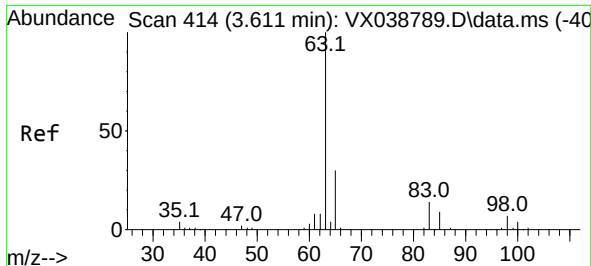
84 100

49 125.7 103.6 155.4

51 39.8 33.8 50.6

86 59.4 49.4 74.0





#24

1,1-Dichloroethane

Concen: 1.928 ug/l

RT: 3.617 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20231109

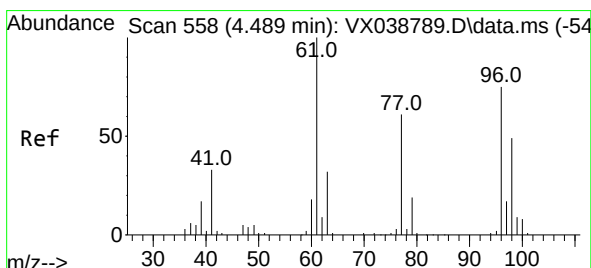
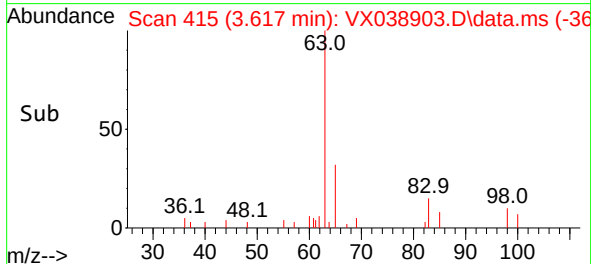
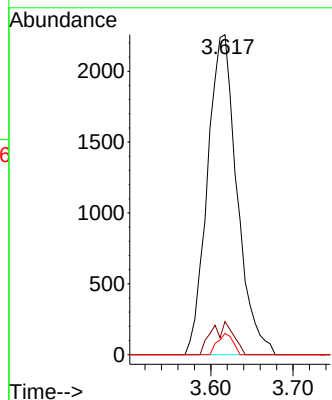
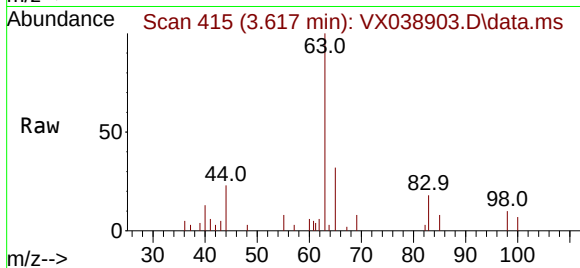
Tgt Ion: 63 Resp: 5645

Ion Ratio Lower Upper

63 100

98 10.4 3.3 9.8#

100 6.6 2.1 6.5#



#27

cis-1,2-Dichloroethene

Concen: 2.992 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

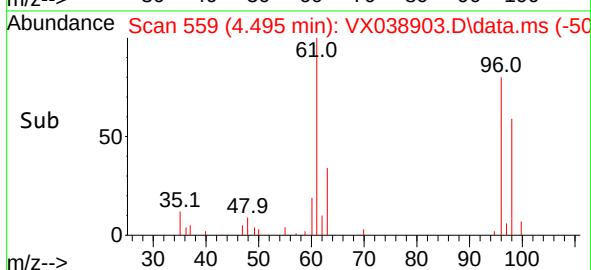
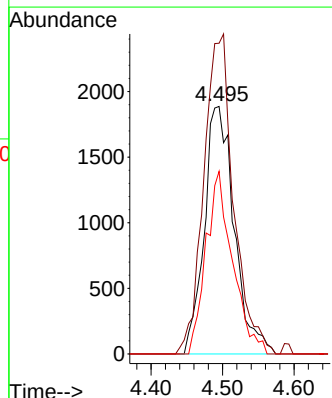
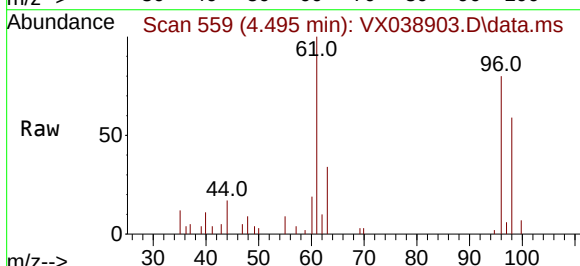
Tgt Ion: 96 Resp: 5487

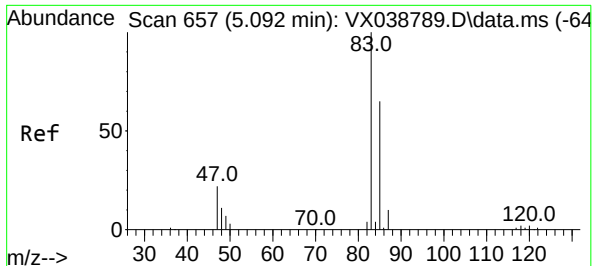
Ion Ratio Lower Upper

96 100

61 128.8 0.0 312.2

98 65.6 0.0 129.0





#30

Chloroform

Concen: 1.115 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

Instrument :

MSVOA_X

ClientSampleId :

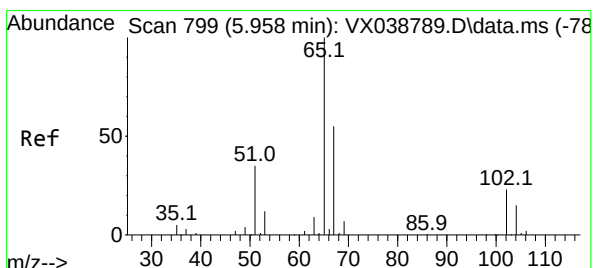
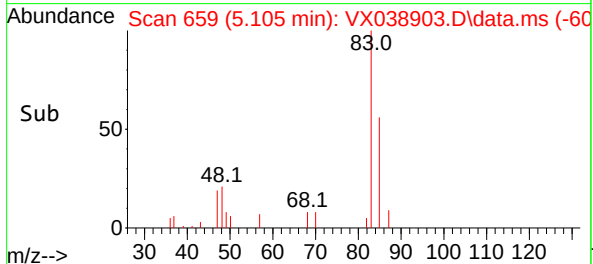
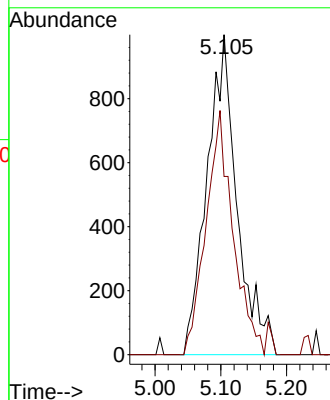
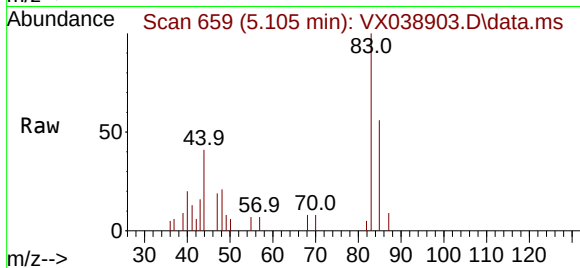
TT101D2-20231109

Tgt Ion: 83 Resp: 3188

Ion Ratio Lower Upper

83 100

85 55.7 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 47.024 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038903.D

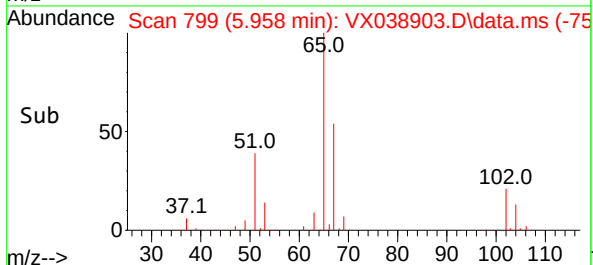
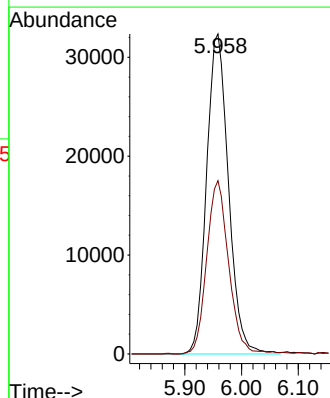
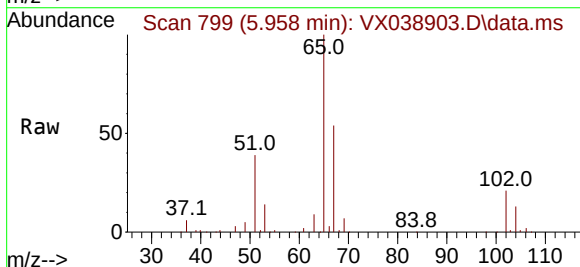
Acq: 18 Nov 2023 02:48

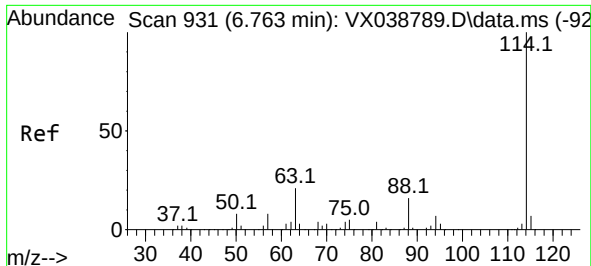
Tgt Ion: 65 Resp: 86679

Ion Ratio Lower Upper

65 100

67 54.5 0.0 100.2

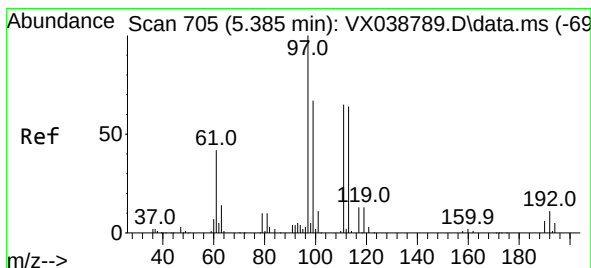
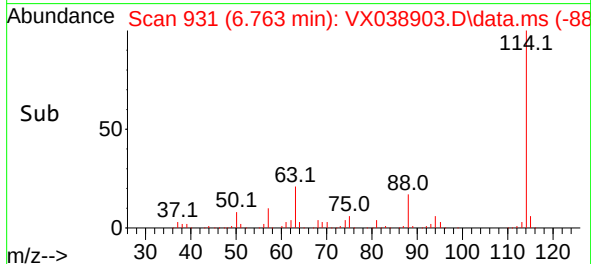
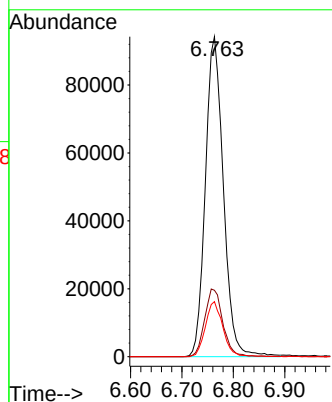
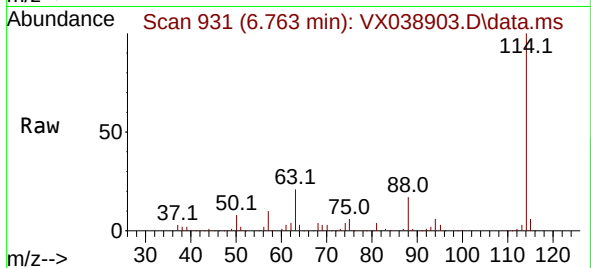




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

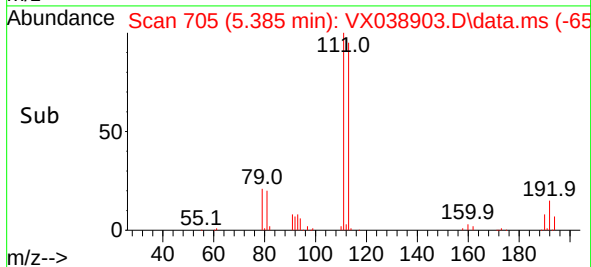
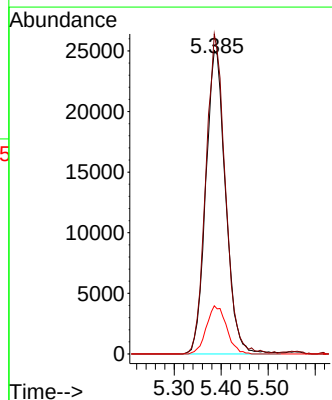
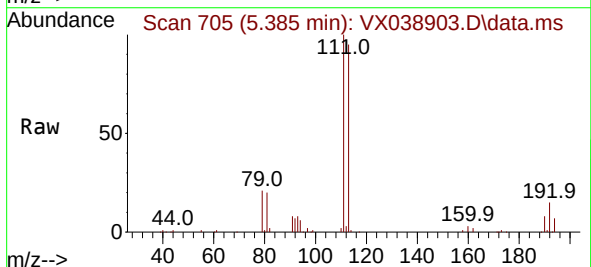
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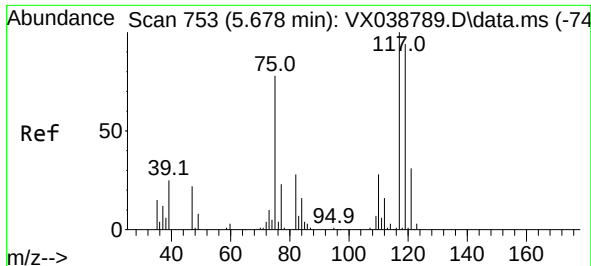
Tgt Ion:114 Resp: 229260
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.235 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

Tgt Ion:113 Resp: 73243
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 16.1 13.3 19.9

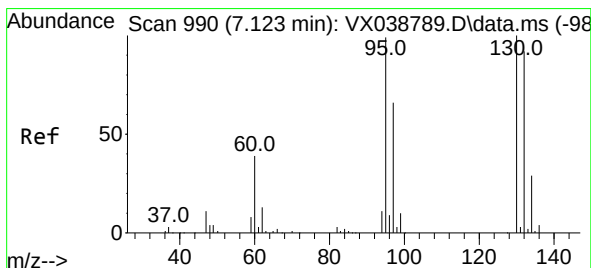
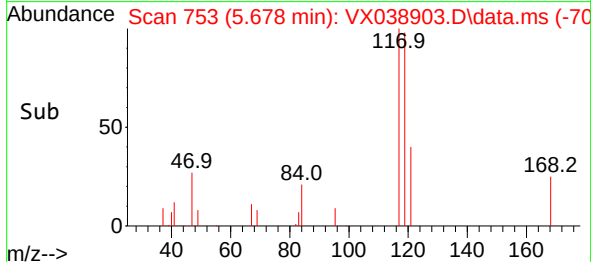
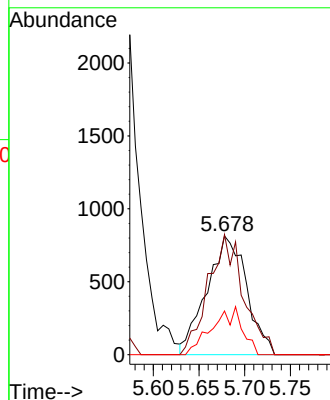
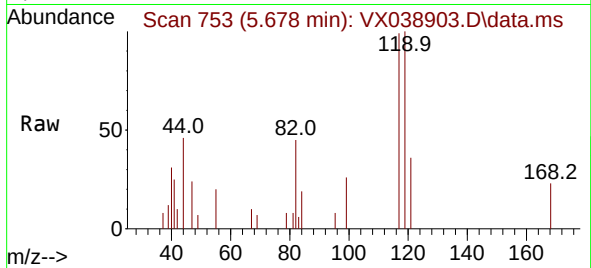




#38
Carbon Tetrachloride
Concen: 1.121 ug/l
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

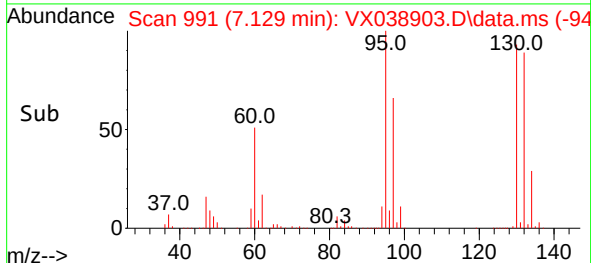
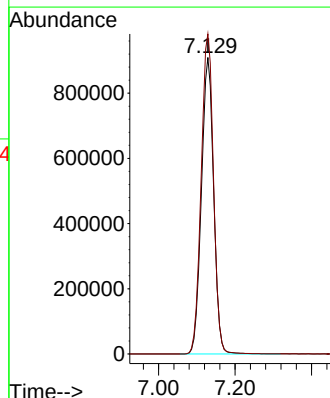
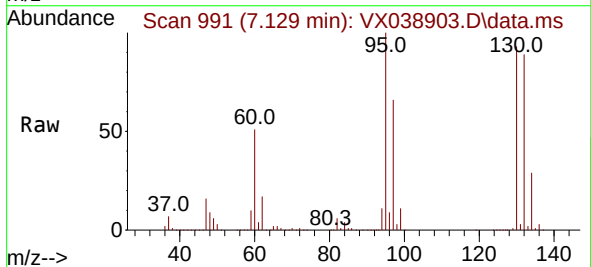
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TT101D2-20231109

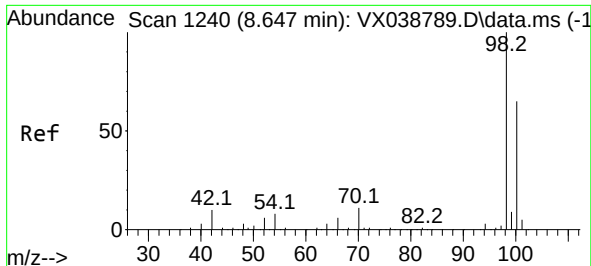
Tgt Ion:117 Resp: 2458
Ion Ratio Lower Upper
117 100
119 101.2 78.2 117.2
121 36.7 24.4 36.6#



#44
Trichloroethene
Concen: 1179.101 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

Tgt Ion:130 Resp: 2014454
Ion Ratio Lower Upper
130 100
95 107.9 0.0 204.4

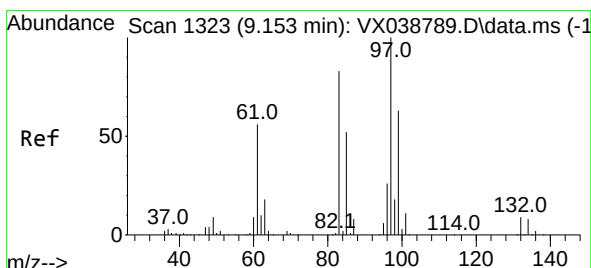
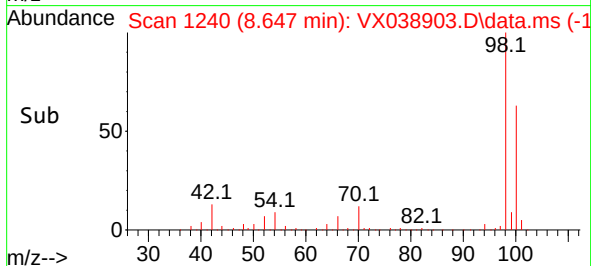
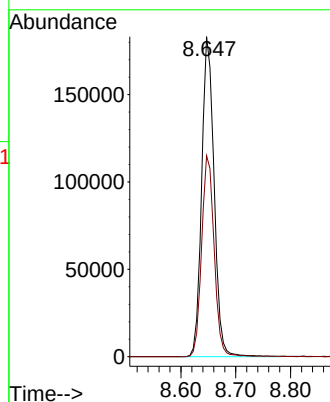
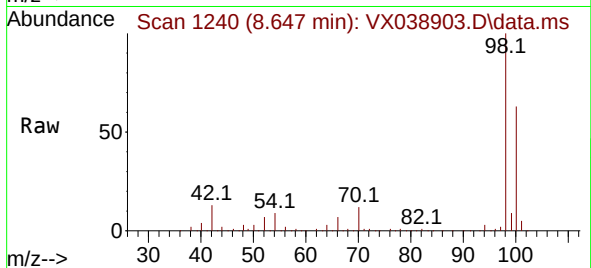




#50
Toluene-d8
Concen: 45.554 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

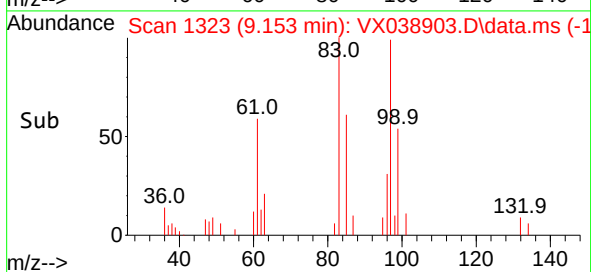
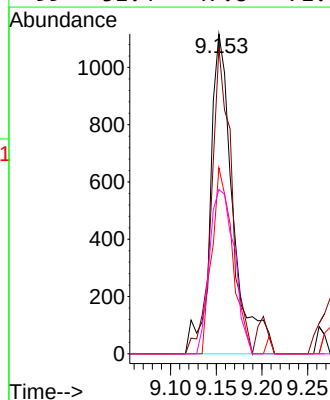
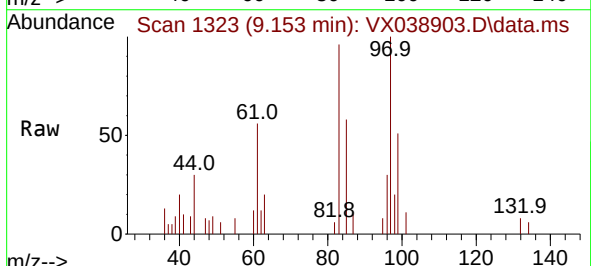
Instrument :
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ClientSampleId :
TT101D2-20231109

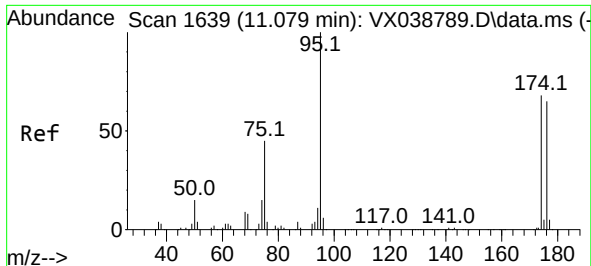
Tgt Ion: 98 Resp: 288585
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#55
1,1,2-Trichloroethane
Concen: 1.057 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

Tgt Ion: 97 Resp: 1921
Ion Ratio Lower Upper
97 100
83 95.7 65.8 98.8
85 58.2 41.6 62.4
99 51.4 47.8 71.8





#62

4-Bromofluorobenzene

Concen: 48.239 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20231109

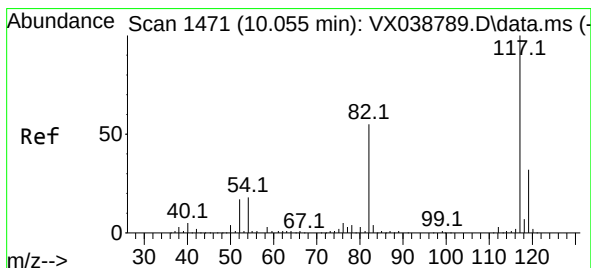
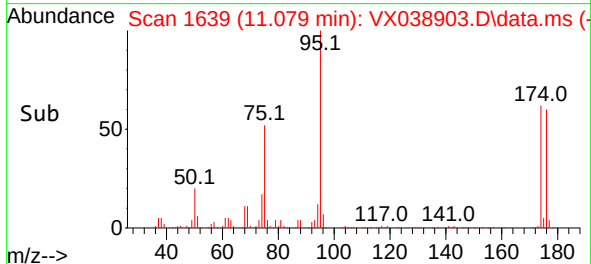
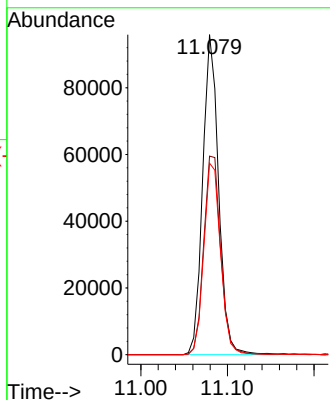
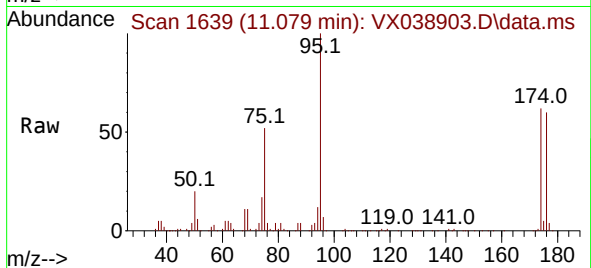
Tgt Ion: 95 Resp: 122332

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.6

176 63.2 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038903.D

Acq: 18 Nov 2023 02:48

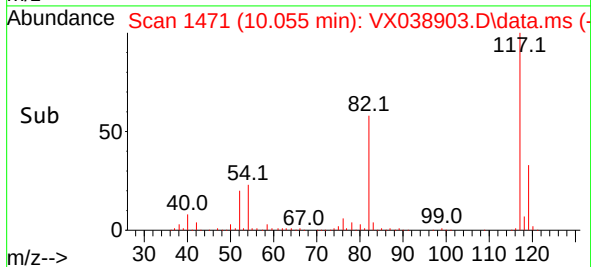
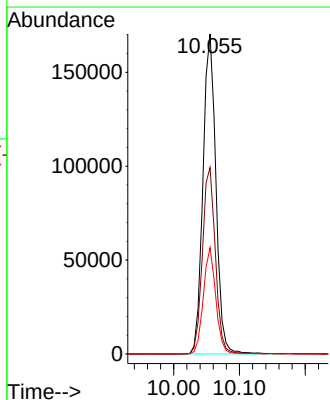
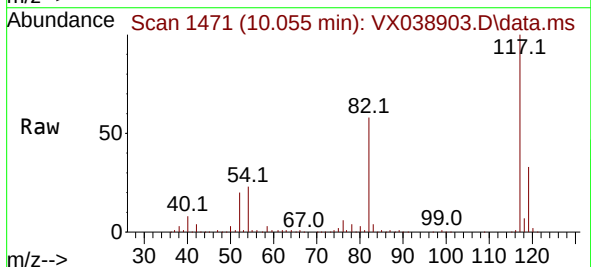
Tgt Ion: 117 Resp: 233726

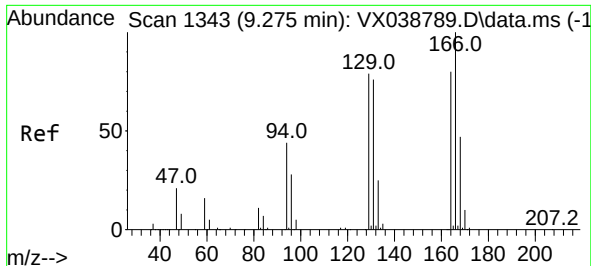
Ion Ratio Lower Upper

117 100

82 58.3 46.2 69.4

119 33.3 25.5 38.3

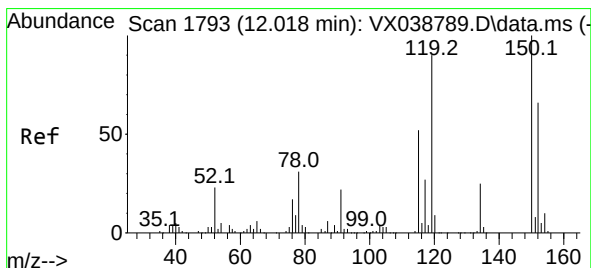
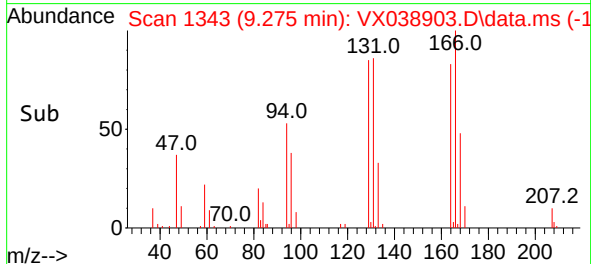
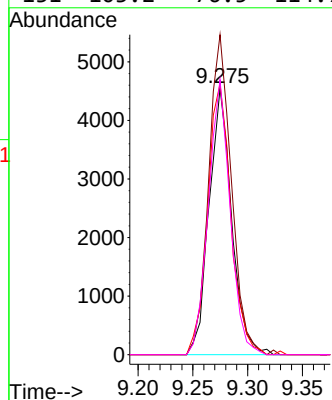
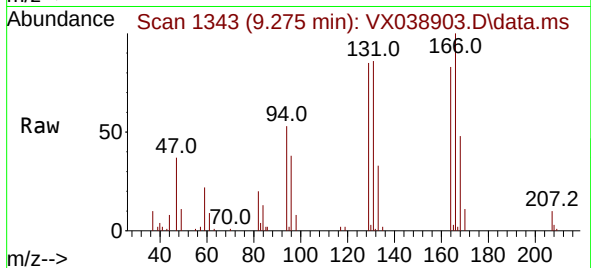




#64
Tetrachloroethene
Concen: 4.484 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20231109

Tgt Ion:	164	Resp:	6514
Ion	Ratio	Lower	Upper
164	100		
166	120.1	102.7	154.1
129	101.7	80.4	120.6
131	103.2	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038903.D
Acq: 18 Nov 2023 02:48

Tgt Ion:	152	Resp:	115216
Ion	Ratio	Lower	Upper
152	100		
115	63.8	43.3	129.9
150	157.6	0.0	345.0

