

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038961.D
 Acq On : 20 Nov 2023 16:14
 Operator : JC/MD
 Sample : 05431-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20231113

Quant Time: Nov 21 00:22:12 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)

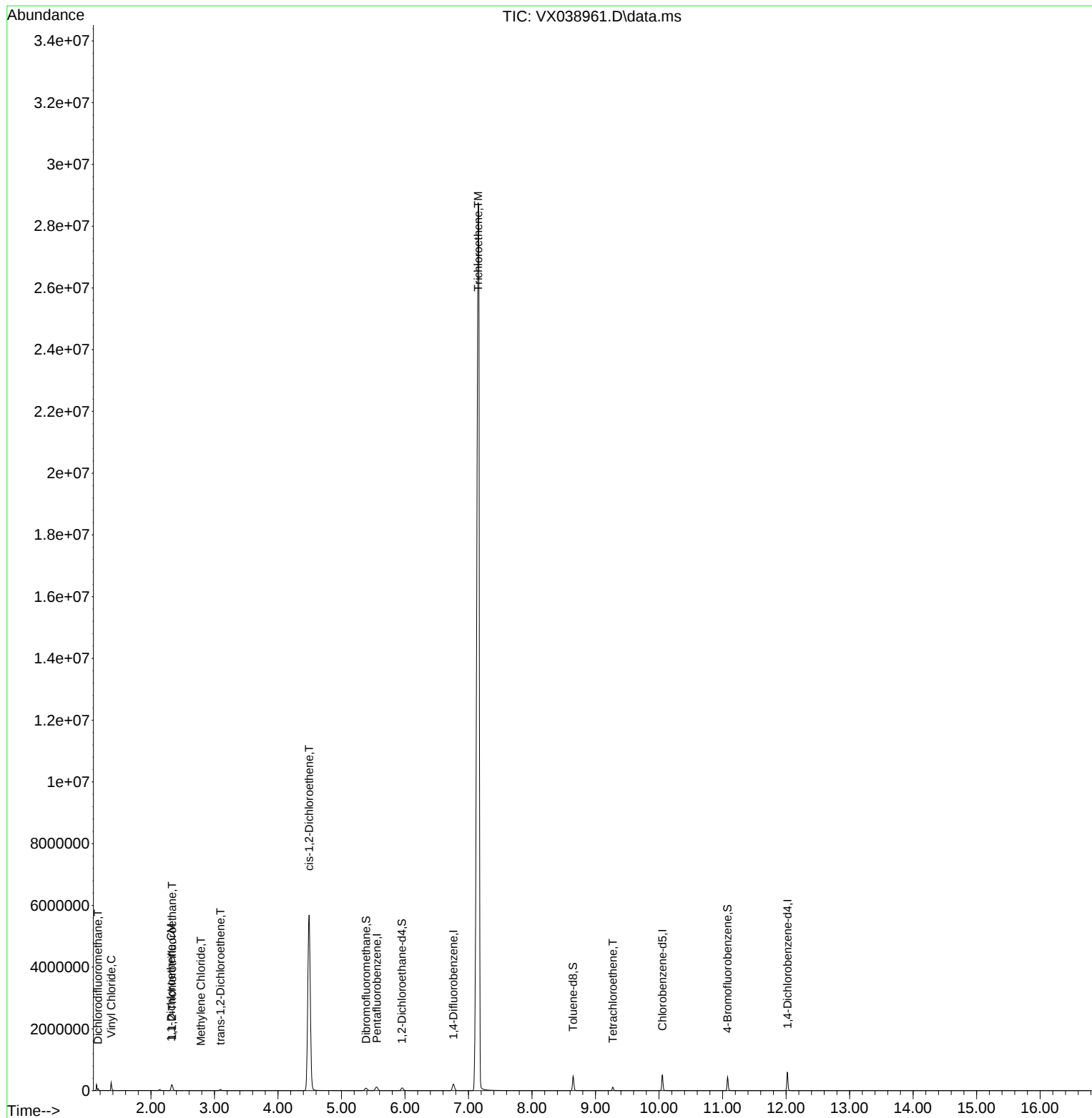
Internal Standards						
1) Pentafluorobenzene	5.556	168	107306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85454	49.422	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.840%
35) Dibromofluoromethane	5.385	113	71050	44.624	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.240%
50) Toluene-d8	8.647	98	277946	45.626	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.260%#
62) 4-Bromofluorobenzene	11.079	95	122764	50.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29274	23.381	ug/l	100
4) Vinyl Chloride	1.374	62	159150	101.100	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	59475	44.896	ug/l	96
12) 1,1-Dichloroethene	2.319	96	21782	16.286	ug/l	98
20) Methylene Chloride	2.788	84	973	0.586	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	14723	9.977	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	3541424	2058.785	ug/l	87
44) Trichloroethene	7.153	130	13152304	8005.712	ug/l	99
64) Tetrachloroethene	9.275	164	18914	13.380	ug/l	90

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

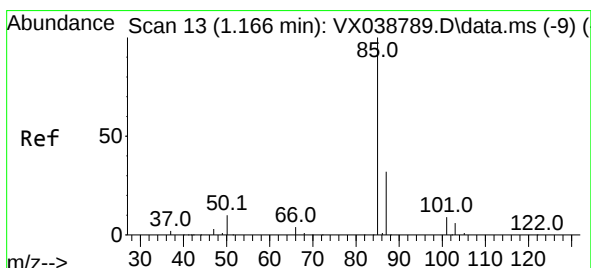
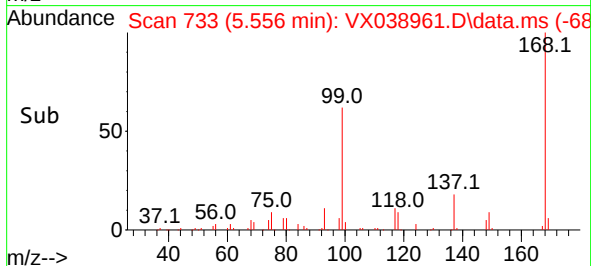
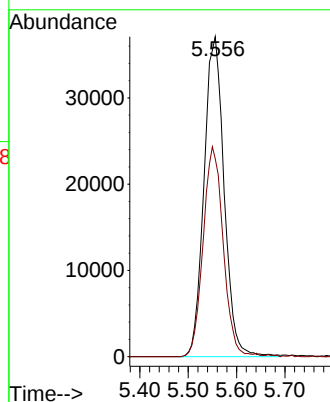
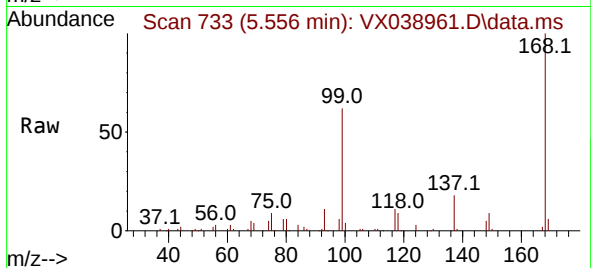




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

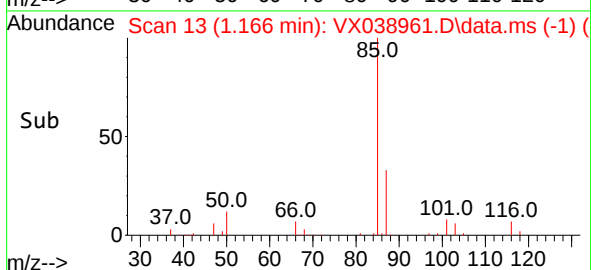
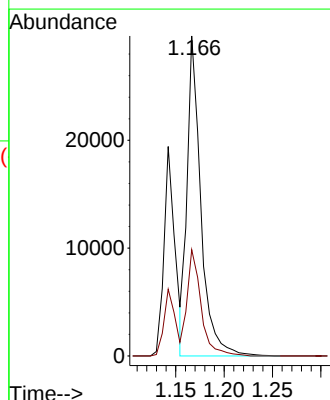
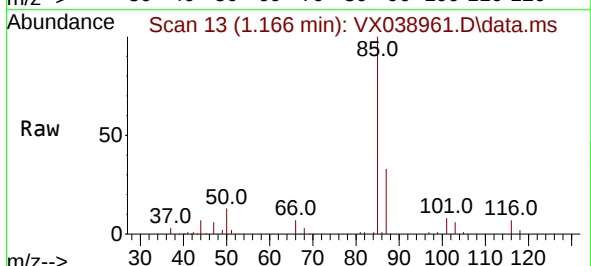
Instrument :
MSVOA_X
ClientSampleId :
56BR-20231113

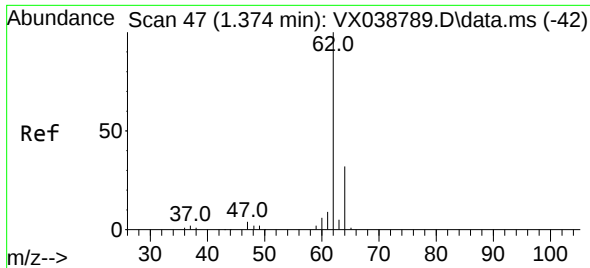
Tgt Ion:168 Resp: 107306
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 23.381 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

Tgt Ion: 85 Resp: 29274
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1

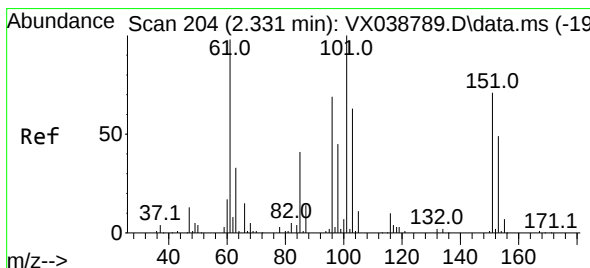
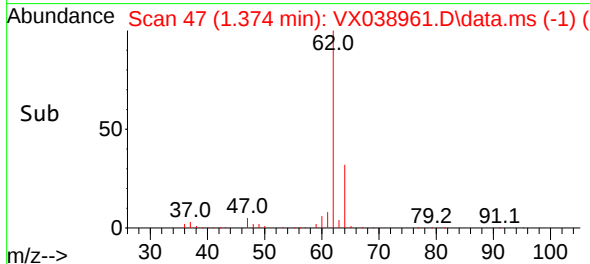
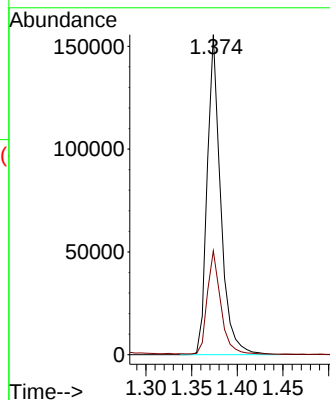
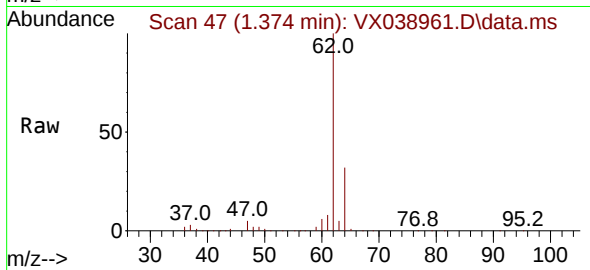




#4
 Vinyl Chloride
 Concen: 101.100 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX038961.D
 Acq: 20 Nov 2023 16:14

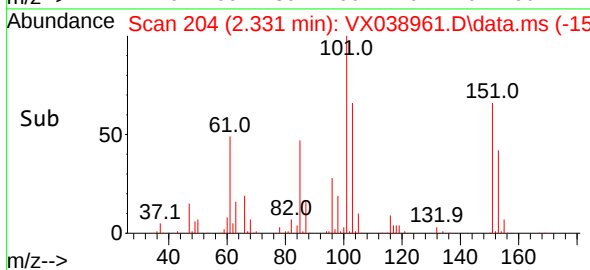
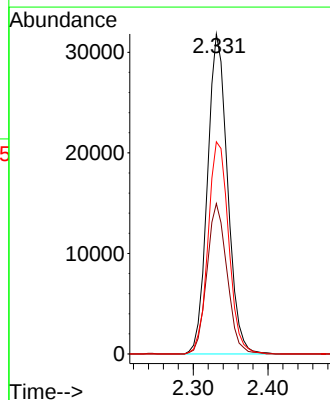
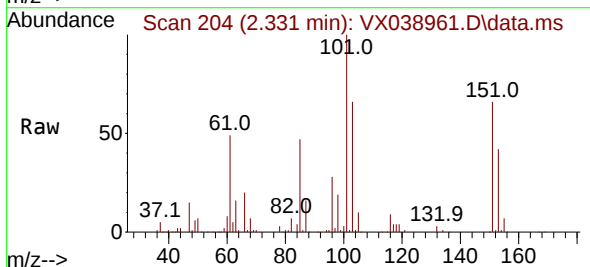
Instrument :
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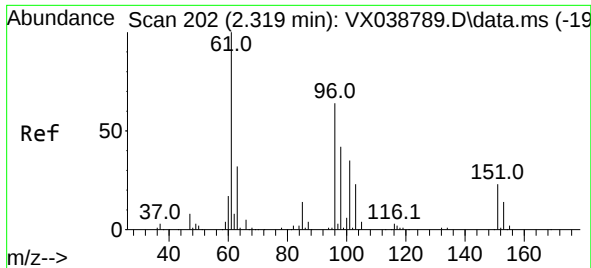
Tgt Ion: 62 Resp: 159150
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.4 38.0



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.896 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038961.D
 Acq: 20 Nov 2023 16:14

Tgt Ion: 101 Resp: 59475
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.0 55.6
 151 67.9 58.6 87.8

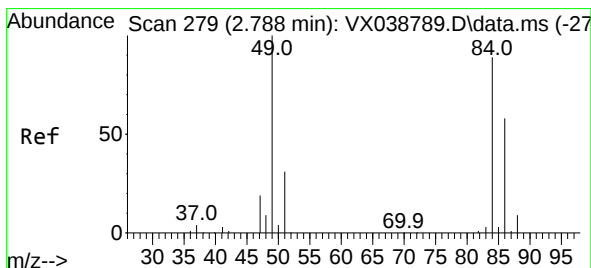
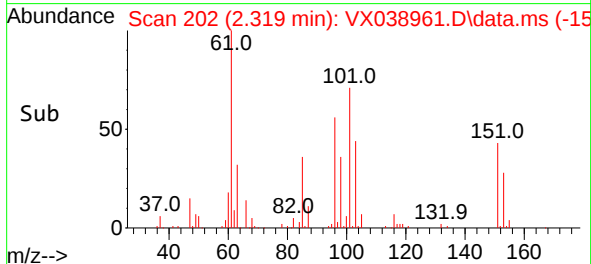
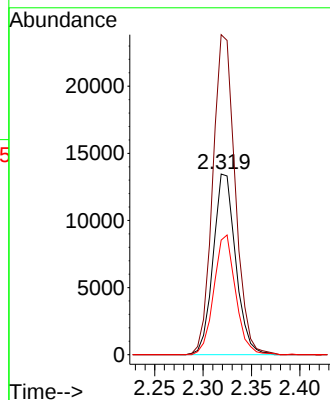
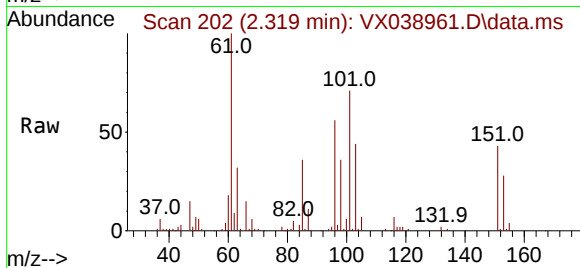




#12
1,1-Dichloroethene
Concen: 16.286 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

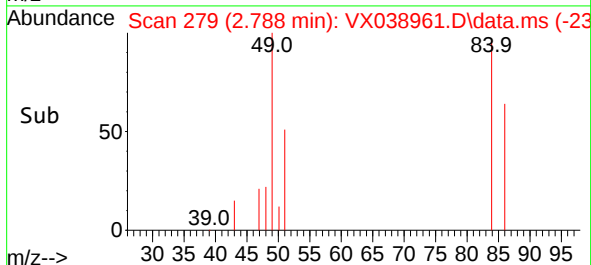
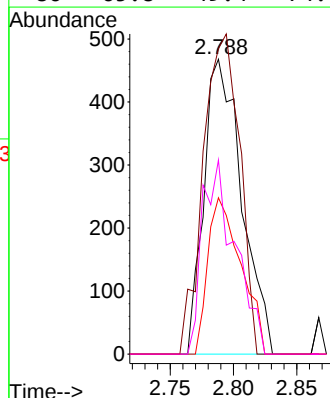
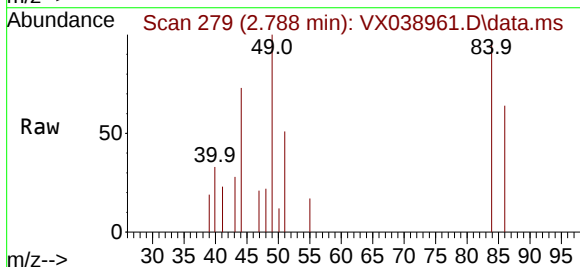
Instrument :
MSVOA_X
ClientSampleId :
56BR-20231113

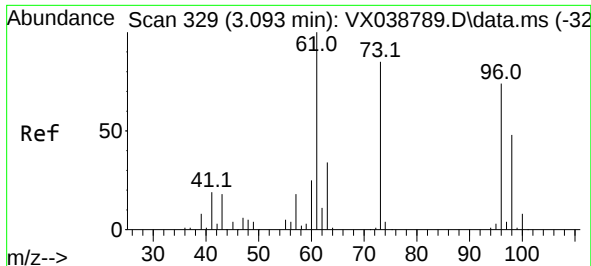
Tgt Ion:	96	Resp:	21782
Ion	Ratio	Lower	Upper
96	100		
61	177.1	144.6	216.8
98	63.4	50.4	75.6



#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

Tgt Ion:	84	Resp:	973
Ion	Ratio	Lower	Upper
84	100		
49	103.6	103.6	155.4
51	53.0	33.8	50.6#
86	65.8	49.4	74.0

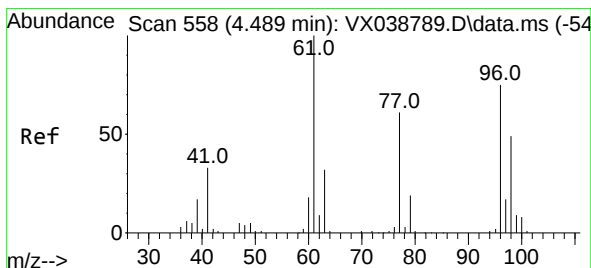
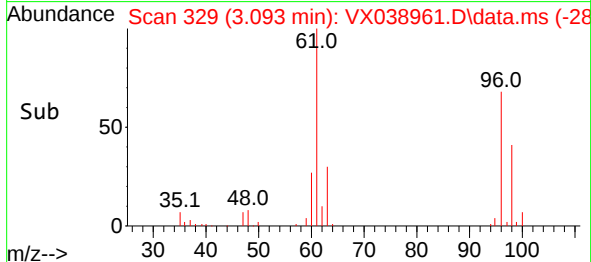
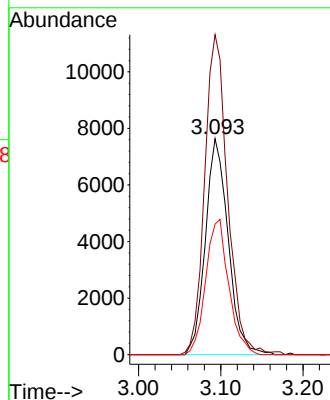
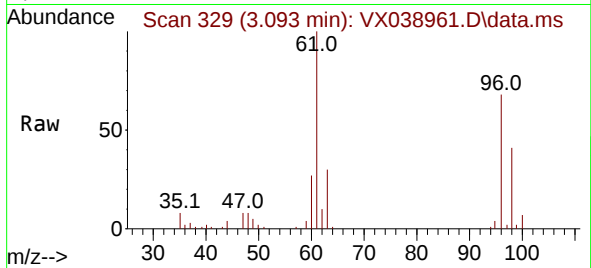




#21
trans-1,2-Dichloroethene
Concen: 9.977 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

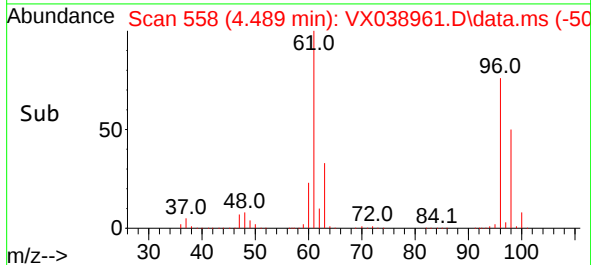
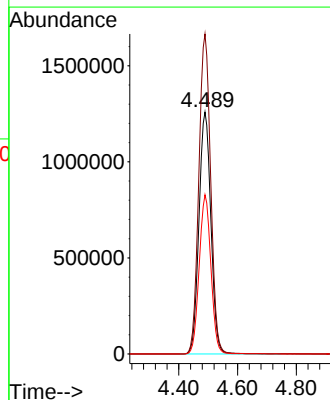
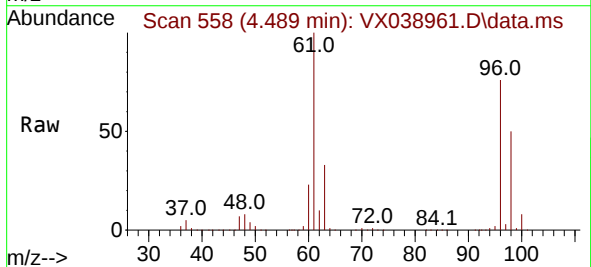
Instrument :
MSVOA_X
ClientSampleId :
56BR-20231113

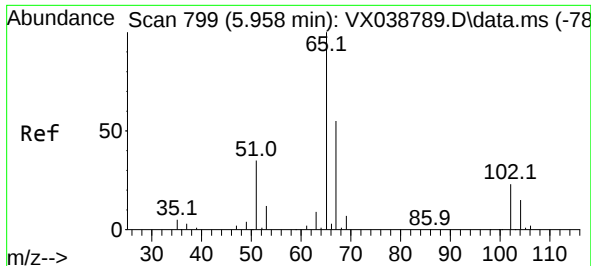
Tgt Ion: 96 Resp: 14723
Ion Ratio Lower Upper
96 100
61 148.1 119.2 178.8
98 60.4 48.7 73.1



#27
cis-1,2-Dichloroethene
Concen: 2058.785 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

Tgt Ion: 96 Resp: 3541424
Ion Ratio Lower Upper
96 100
61 131.9 0.0 312.2
98 64.7 0.0 129.0

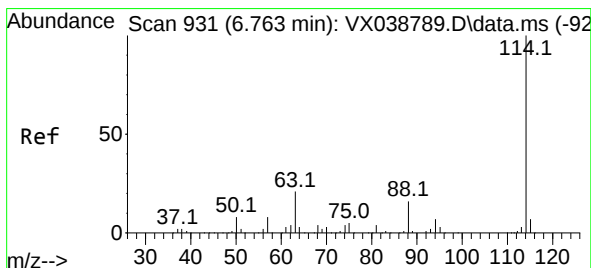
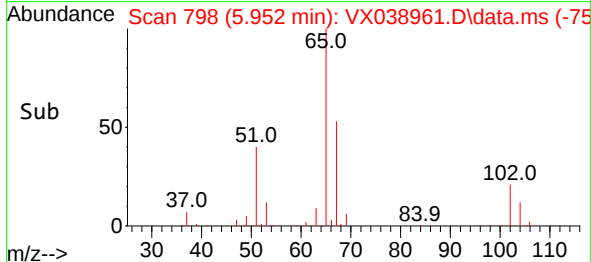
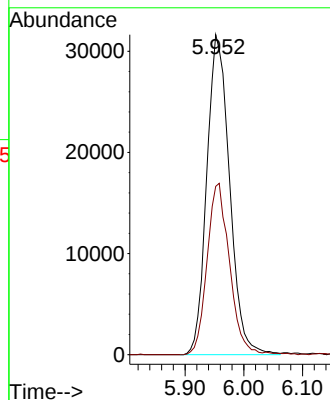
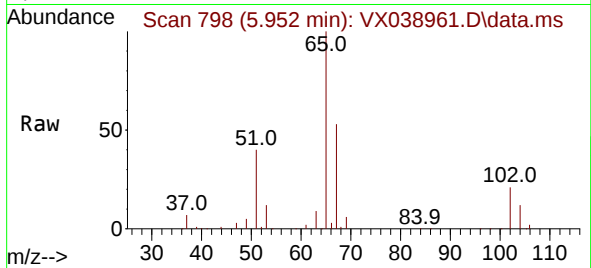




#33
 1,2-Dichloroethane-d4
 Concen: 49.422 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX038961.D
 Acq: 20 Nov 2023 16:14

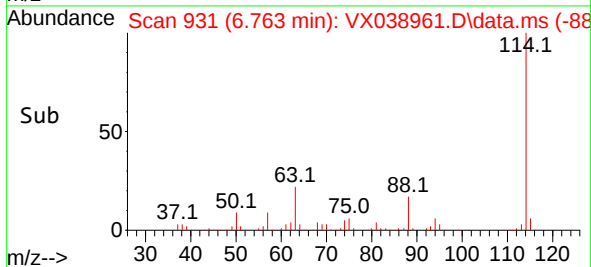
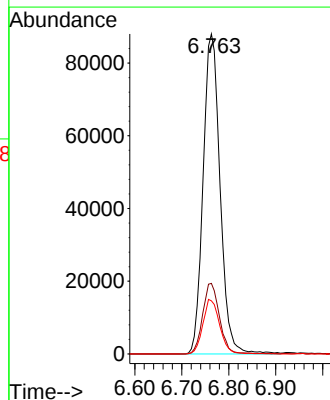
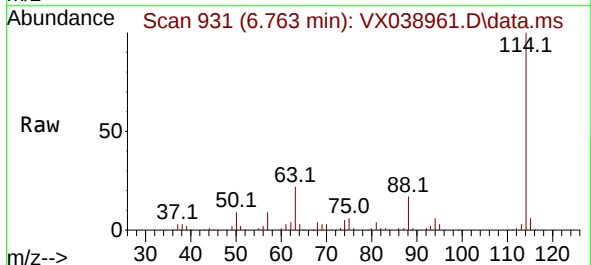
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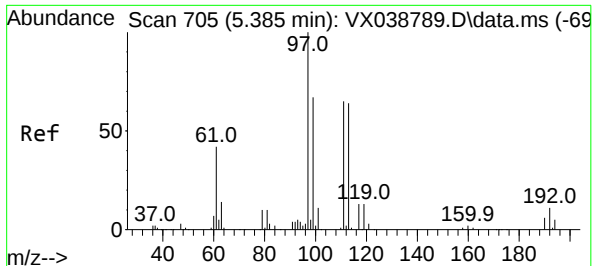
Tgt Ion: 65 Resp: 85454
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038961.D
 Acq: 20 Nov 2023 16:14

Tgt Ion: 114 Resp: 220457
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.0
 88 16.6 0.0 36.6

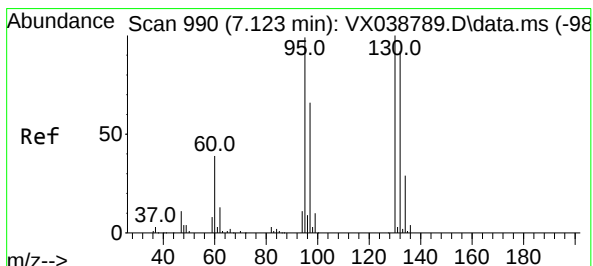
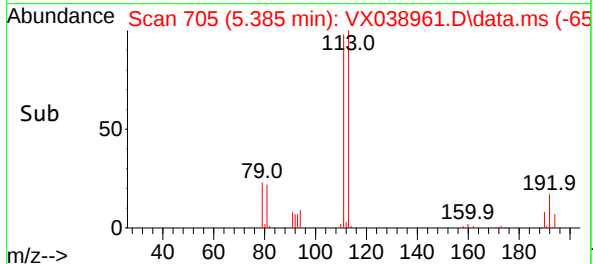
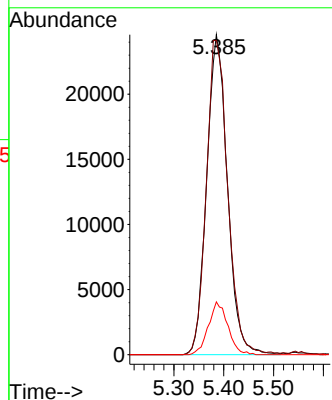
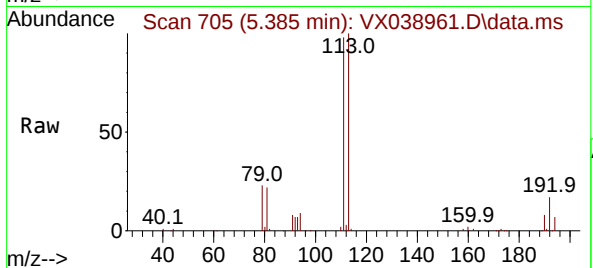




#35
Dibromofluoromethane
Concen: 44.624 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

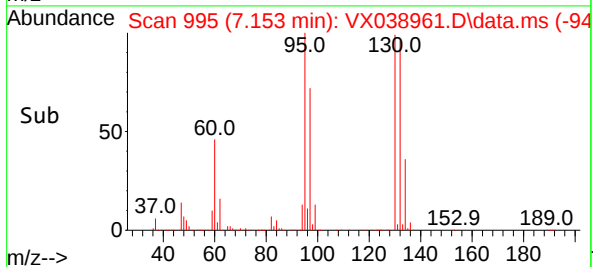
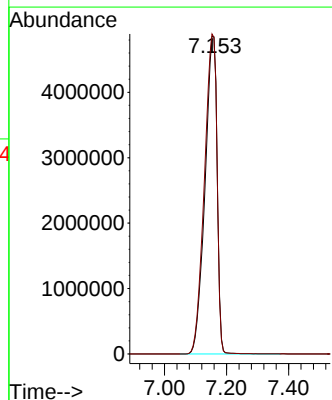
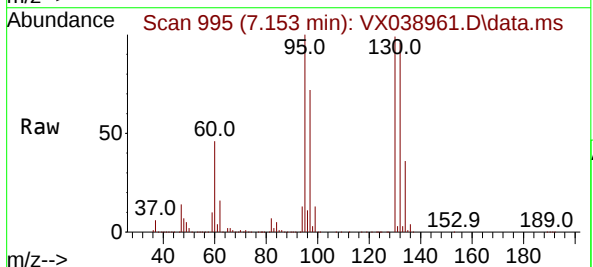
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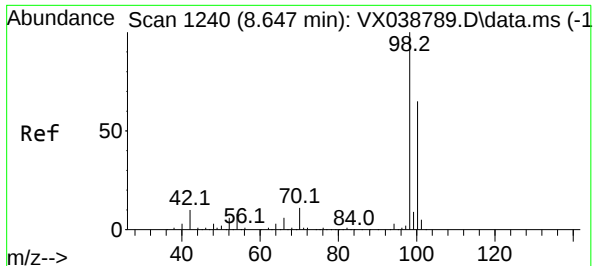
Tgt Ion:113 Resp: 71050
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.5 13.3 19.9



#44
Trichloroethene
Concen: 8005.712 ug/l
RT: 7.153 min Scan# 995
Delta R.T. 0.031 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

Tgt Ion:130 Resp:13152304
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.4

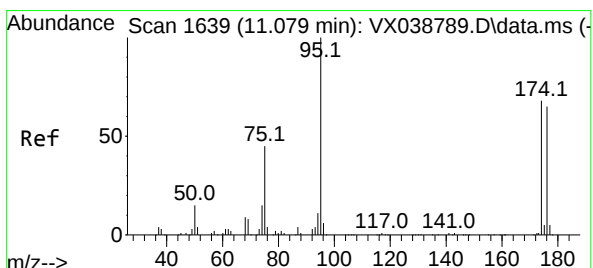
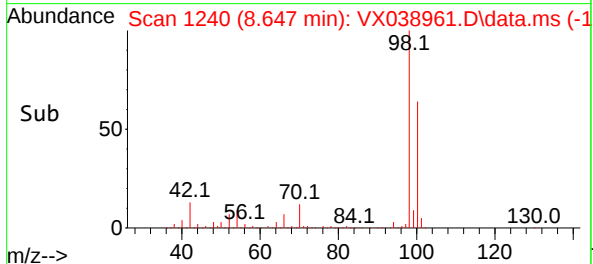
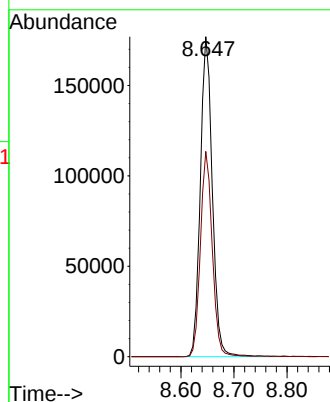
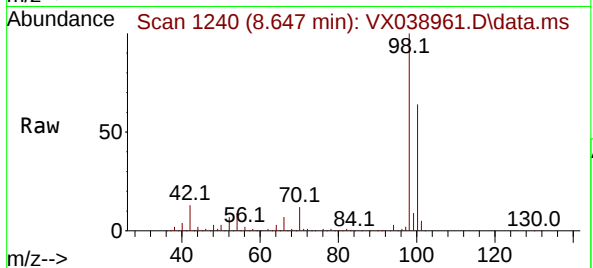




#50
Toluene-d8
Concen: 45.626 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

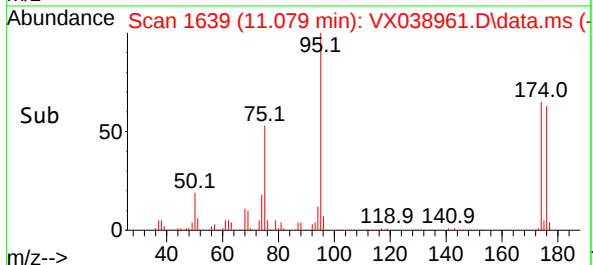
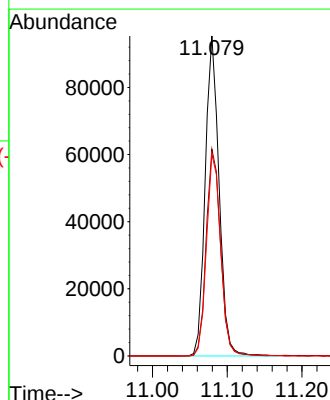
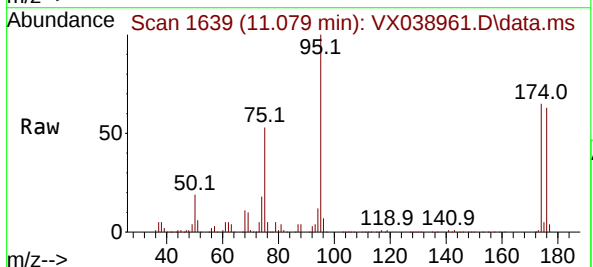
Instrument :
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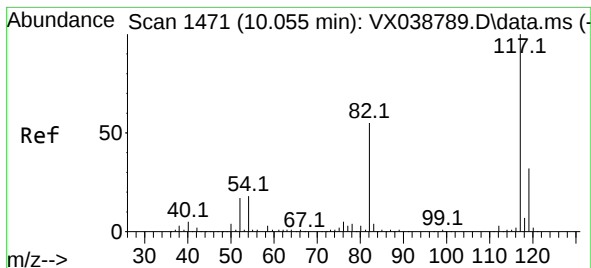
Tgt Ion: 98 Resp: 277946
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038961.D
Acq: 20 Nov 2023 16:14

Tgt Ion: 95 Resp: 122764
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 64.5 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: VX038961.D

Acq: 20 Nov 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

56BR-20231113

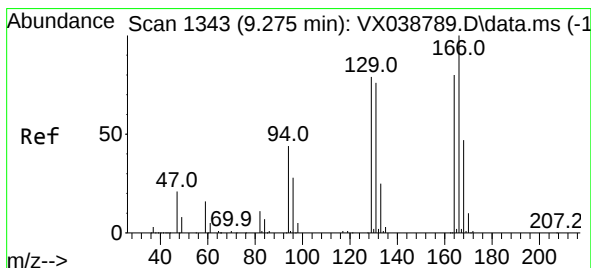
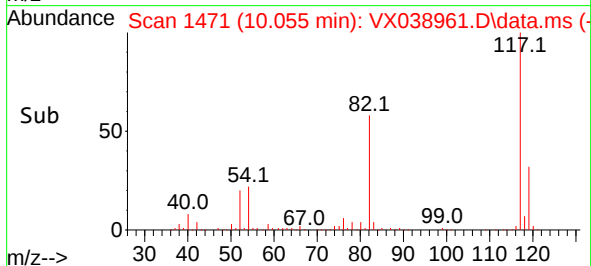
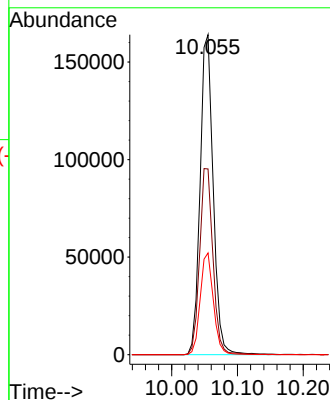
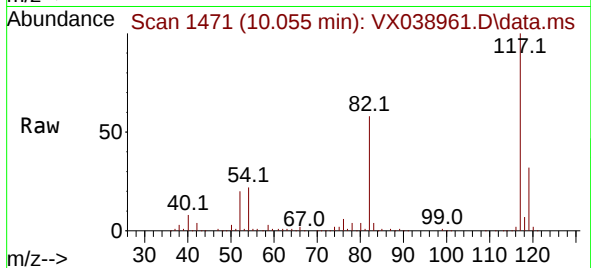
Tgt Ion:117 Resp: 227428

Ion Ratio Lower Upper

117 100

82 58.1 46.2 69.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 13.380 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX038961.D

Acq: 20 Nov 2023 16:14

Tgt Ion:164 Resp: 18914

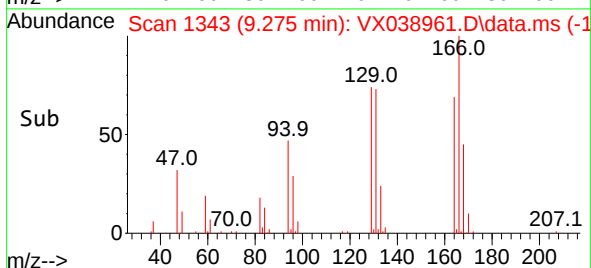
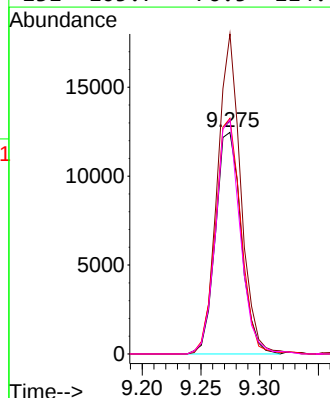
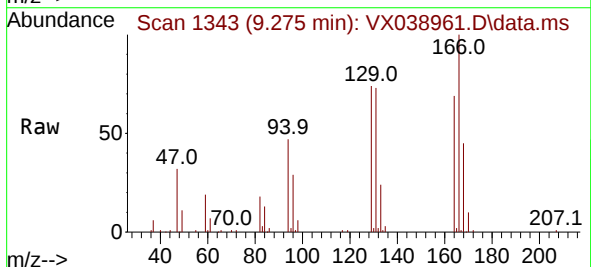
Ion Ratio Lower Upper

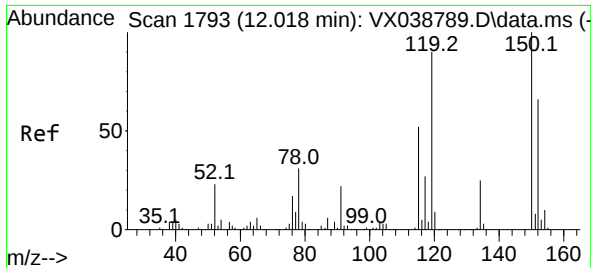
164 100

166 144.4 102.7 154.1

129 106.3 80.4 120.6

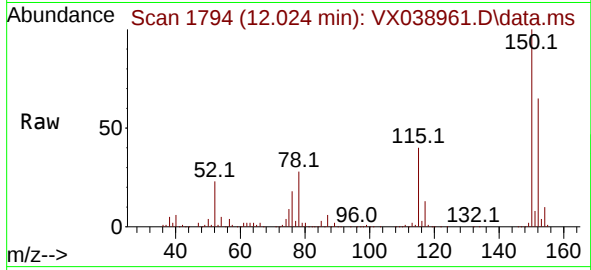
131 105.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038961.D
 Acq: 20 Nov 2023 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20231113



Tgt Ion:152	Resp:	117966	
Ion	Ratio	Lower	Upper
152	100		
115	63.7	43.3	129.9
150	155.1	0.0	345.0

