

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038738.D
 Acq On : 10 Nov 2023 18:52
 Operator : JC/MD
 Sample : 05358-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20231108

Quant Time: Nov 11 01:58:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

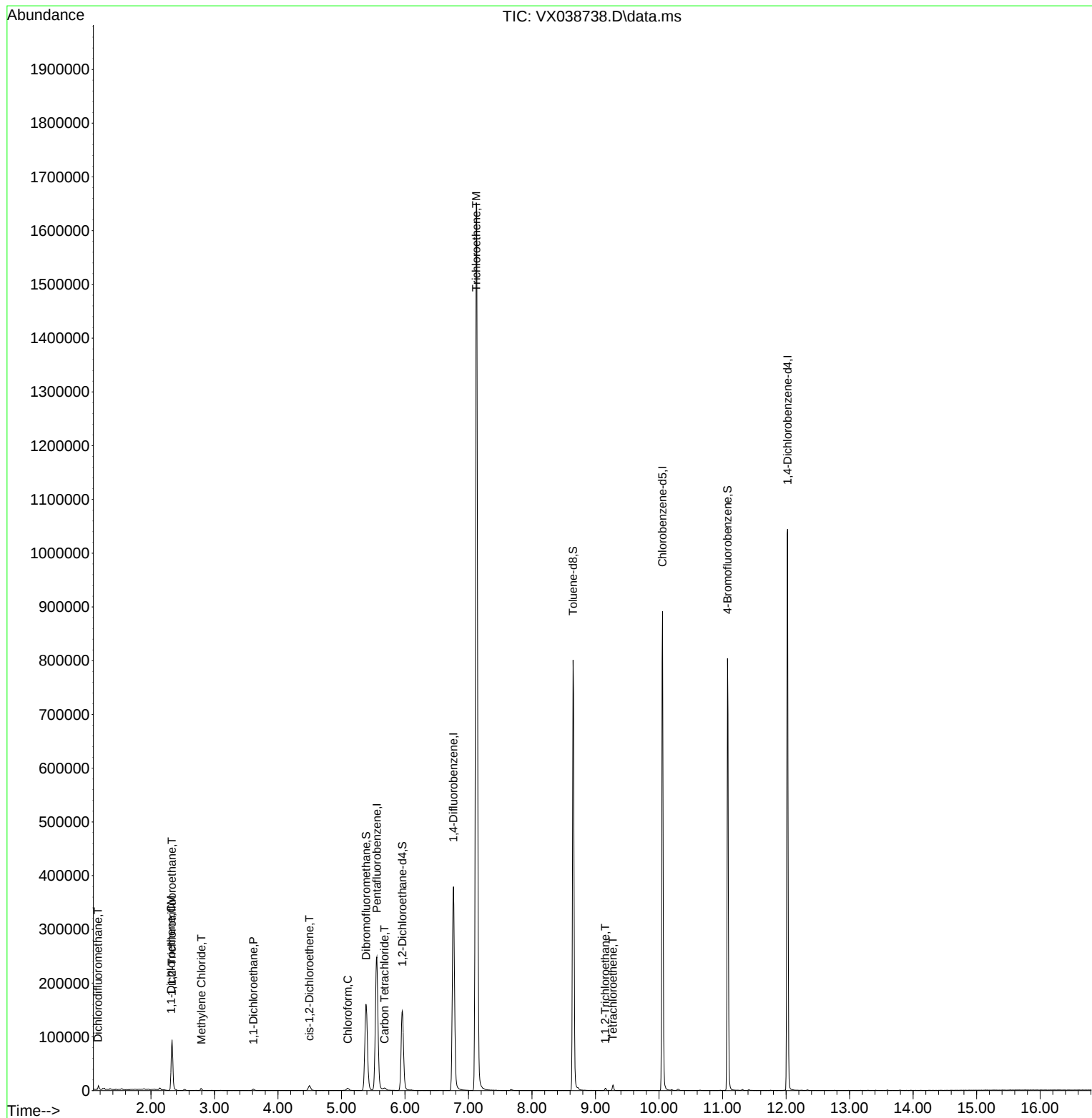
Internal Standards						
1) Pentafluorobenzene	5.556	168	259176	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	431939	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150194	46.548	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.100%
35) Dibromofluoromethane	5.385	113	141711	45.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.647	98	512727	46.058	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.120%
62) 4-Bromofluorobenzene	11.079	95	215100	49.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	2850	1.059	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	31264	12.384	ug/l	90
12) 1,1-Dichloroethene	2.319	96	6597	2.727	ug/l #	76
20) Methylene Chloride	2.794	84	1718	0.627	ug/l #	73
24) 1,1-Dichloroethane	3.611	63	2971	0.688	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	6475	2.129	ug/l	74
30) Chloroform	5.099	83	5403	1.066	ug/l	97
38) Carbon Tetrachloride	5.678	117	3385	0.784	ug/l	95
44) Trichloroethene	7.123	130	699894	202.096	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	1426	0.461	ug/l #	91
64) Tetrachloroethene	9.275	164	2041	0.614	ug/l	87

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

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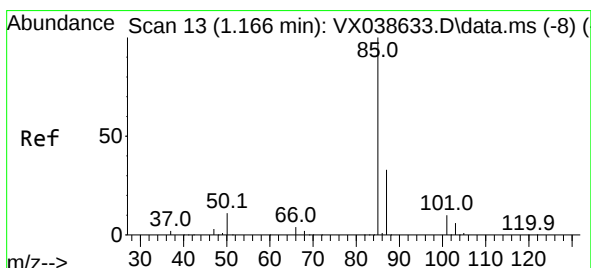
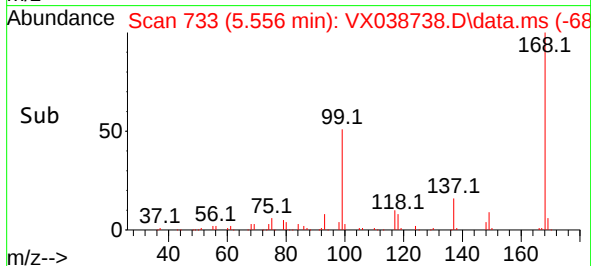
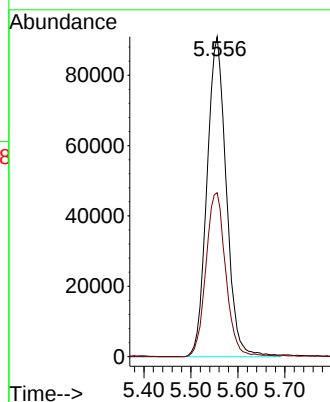
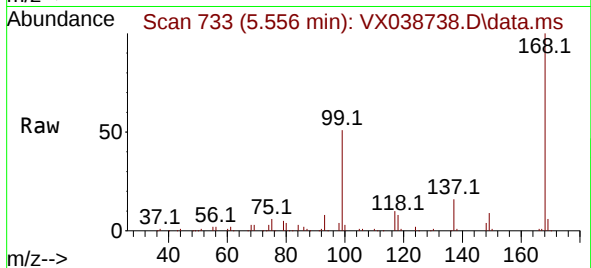




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

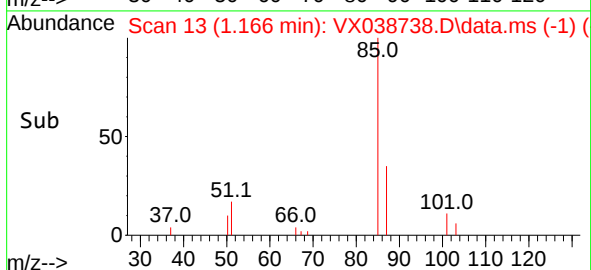
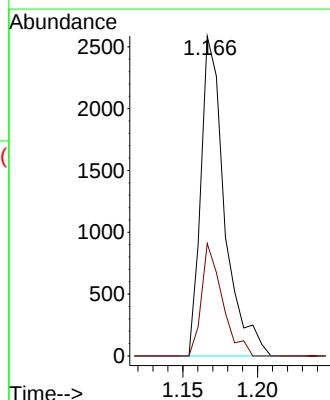
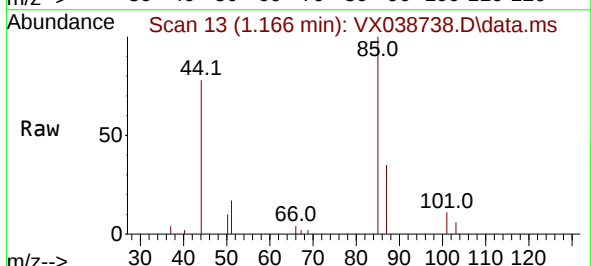
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MSVOA_X
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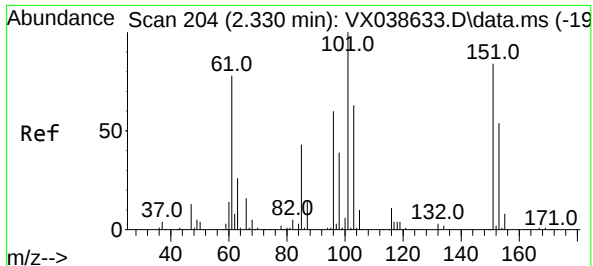
Tgt Ion:168 Resp: 259176
Ion Ratio Lower Upper
168 100
99 51.3 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.059 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

Tgt Ion: 85 Resp: 2850
Ion Ratio Lower Upper
85 100
87 35.1 16.7 50.1

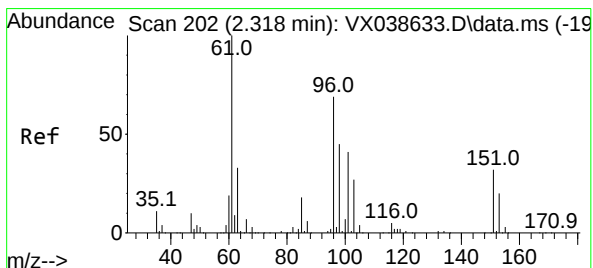
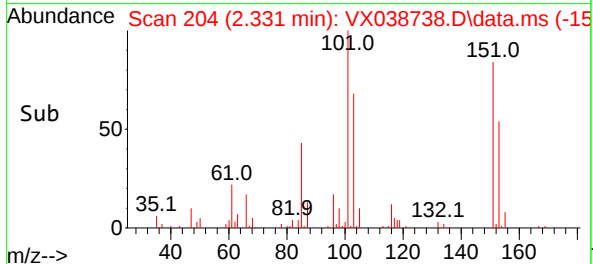
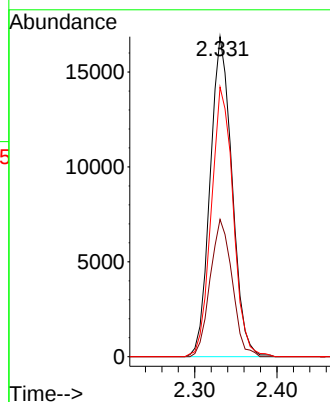
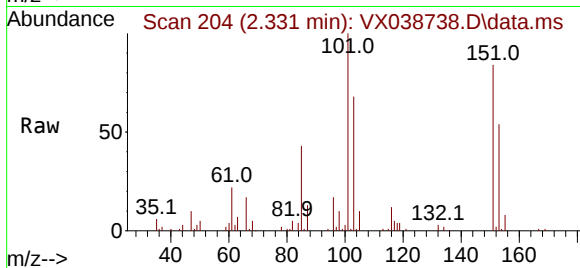




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.384 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX038738.D
 Acq: 10 Nov 2023 18:52

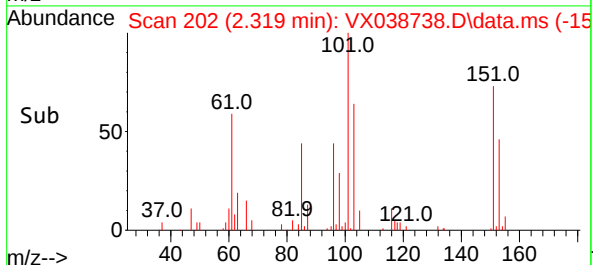
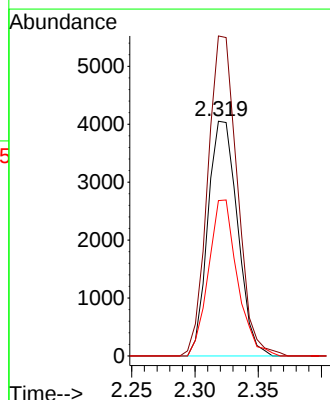
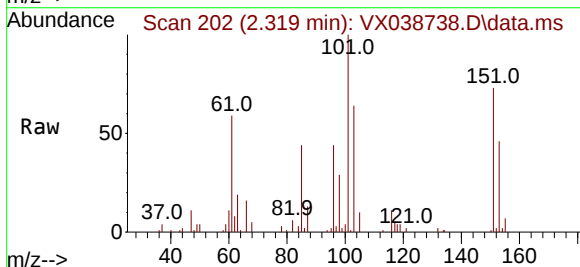
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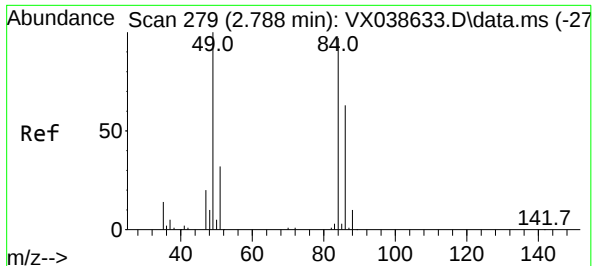
Tgt Ion:101 Resp: 31264
 Ion Ratio Lower Upper
 101 100
 85 42.8 37.0 55.6
 151 84.2 58.6 87.8



#12
 1,1-Dichloroethene
 Concen: 2.727 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX038738.D
 Acq: 10 Nov 2023 18:52

Tgt Ion: 96 Resp: 6597
 Ion Ratio Lower Upper
 96 100
 61 136.4 144.6 216.8#
 98 66.2 50.4 75.6

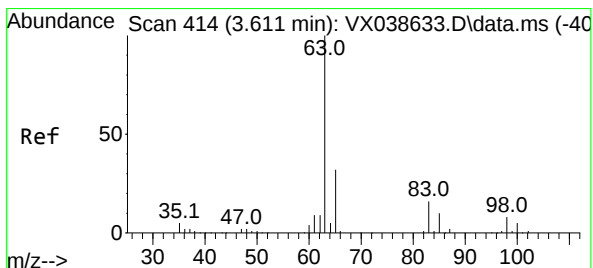
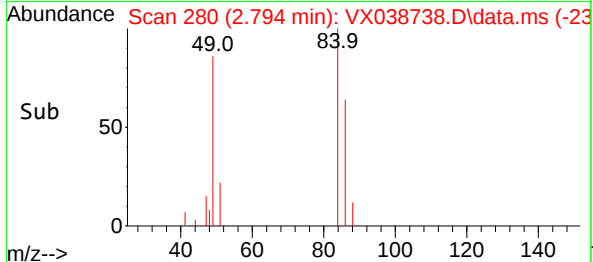
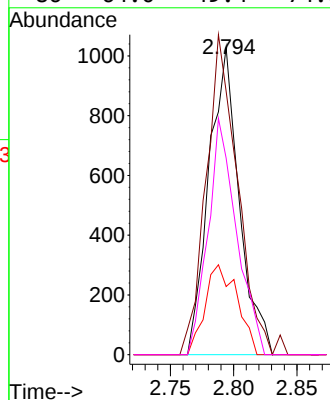
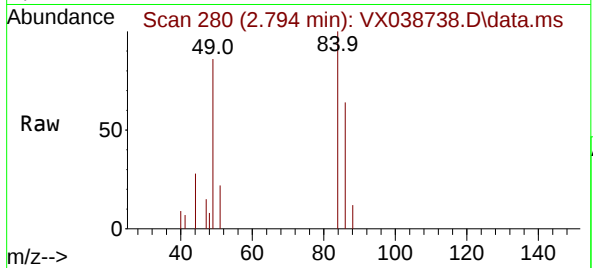




#20
Methylene Chloride
Concen: 0.627 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

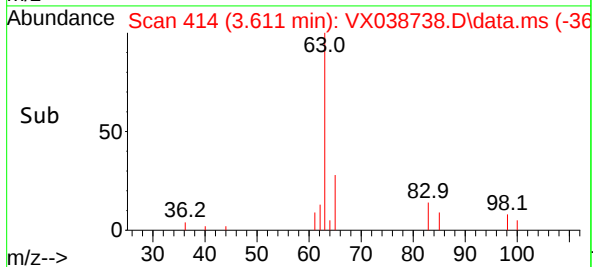
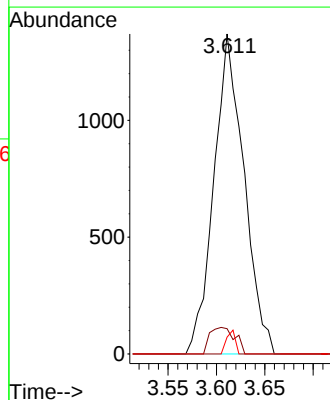
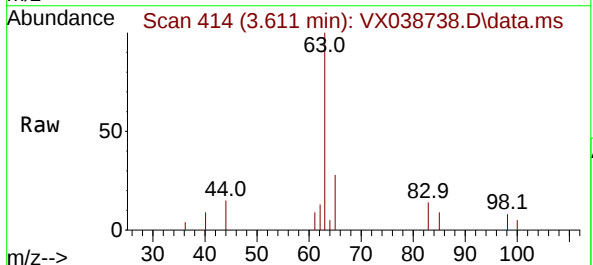
Instrument :
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ClientSampleId :
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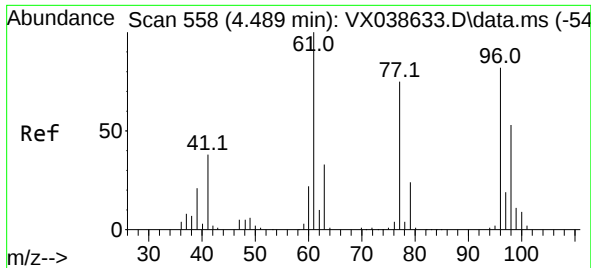
Tgt Ion:	84	Resp:	1718
Ion	Ratio	Lower	Upper
84	100		
49	85.8	103.6	155.4#
51	22.2	33.8	50.6#
86	64.0	49.4	74.0



#24
1,1-Dichloroethane
Concen: 0.688 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

Tgt Ion:	63	Resp:	2971
Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.3	9.8
100	5.3	2.1	6.5

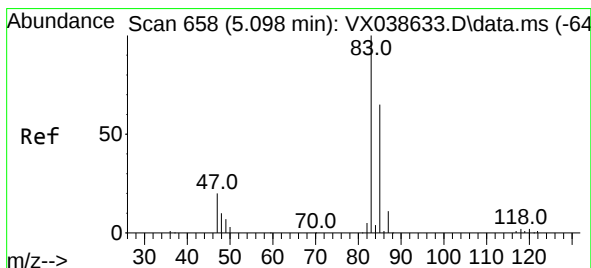
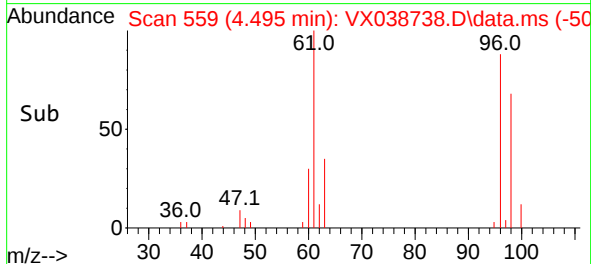
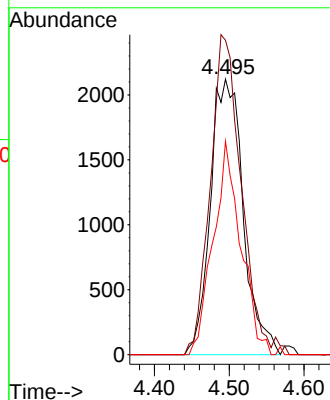
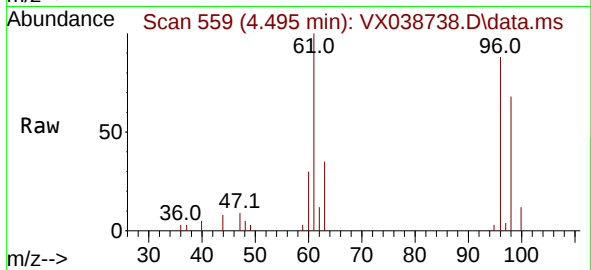




#27
 cis-1,2-Dichloroethene
 Concen: 2.129 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX038738.D
 Acq: 10 Nov 2023 18:52

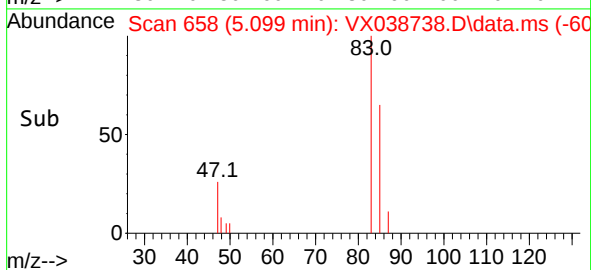
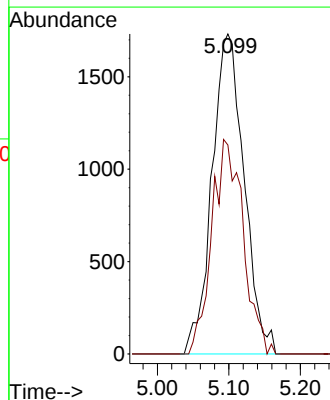
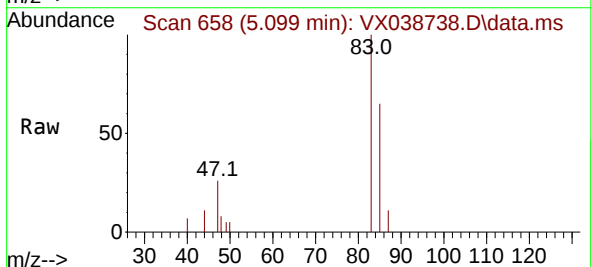
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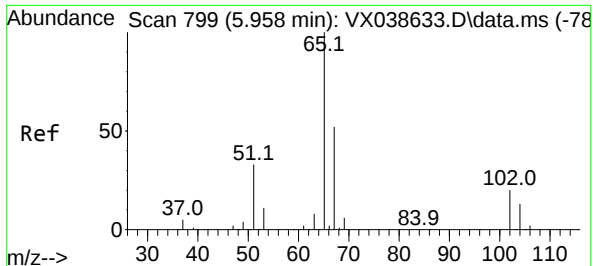
Tgt Ion: 96	Resp:	6475	
Ion	Ratio	Lower	Upper
96	100		
61	108.4	0.0	312.2
98	65.3	0.0	129.0



#30
 Chloroform
 Concen: 1.066 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.000 min
 Lab File: VX038738.D
 Acq: 10 Nov 2023 18:52

Tgt Ion: 83	Resp:	5403	
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5

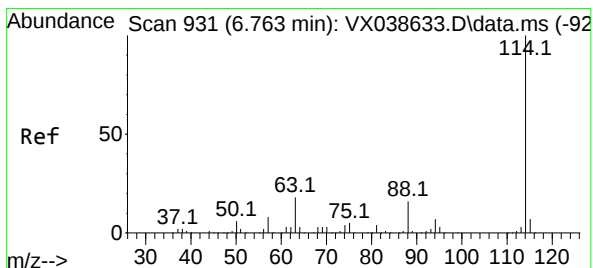
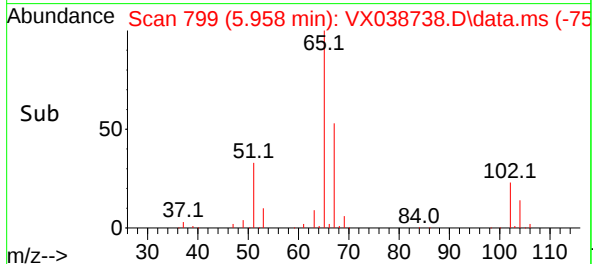
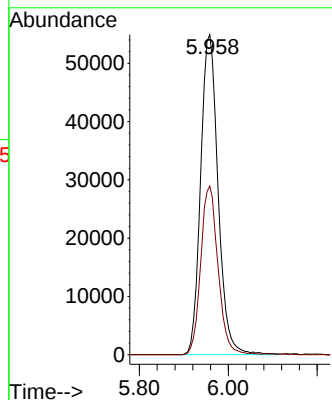
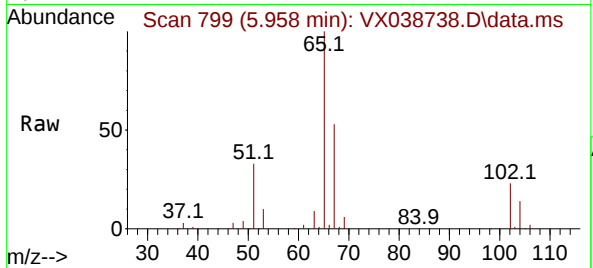




#33
 1,2-Dichloroethane-d4
 Concen: 46.548 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038738.D
 Acq: 10 Nov 2023 18:52

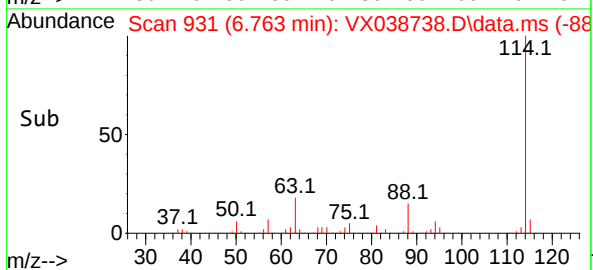
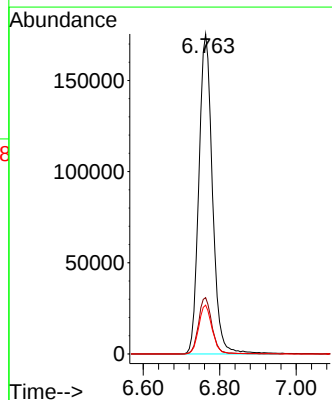
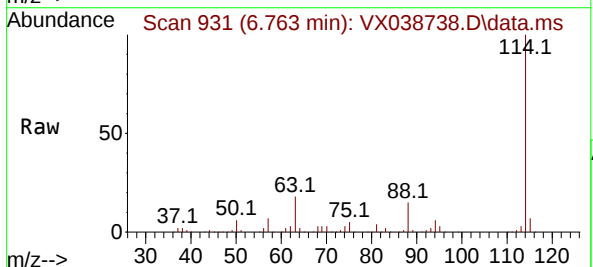
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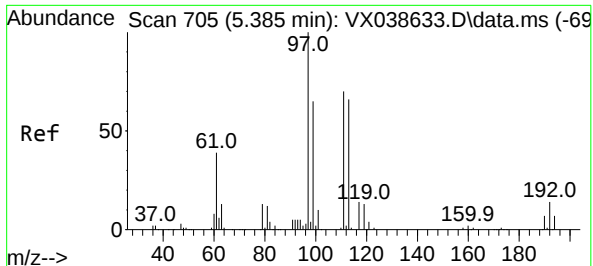
Tgt Ion: 65 Resp: 150194
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038738.D
 Acq: 10 Nov 2023 18:52

Tgt Ion: 114 Resp: 431939
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 45.0
 88 15.3 0.0 36.6

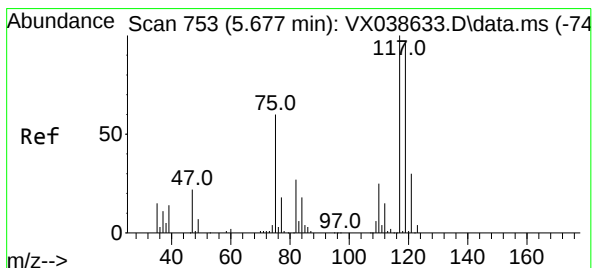
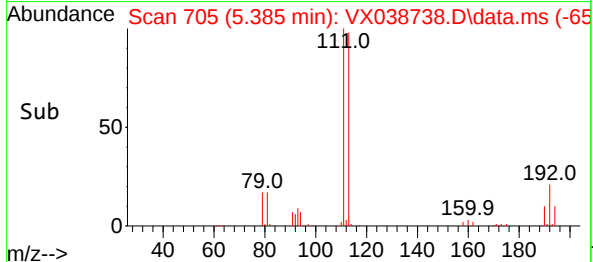
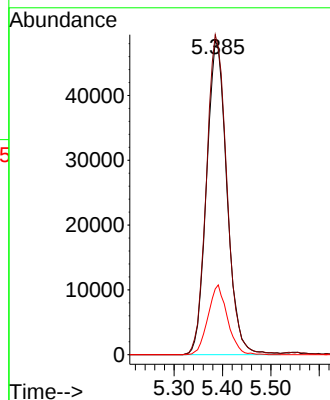
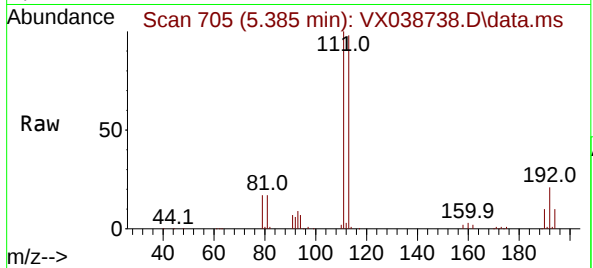




#35
Dibromofluoromethane
Concen: 45.552 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

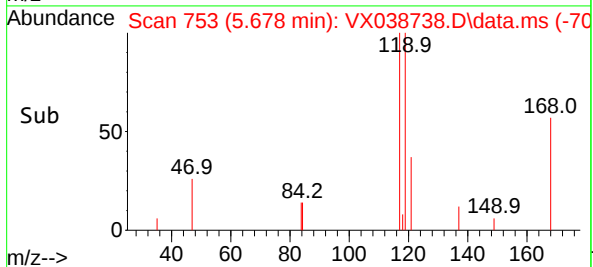
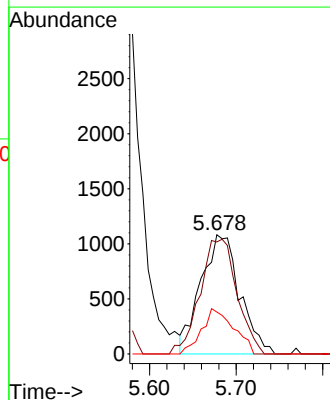
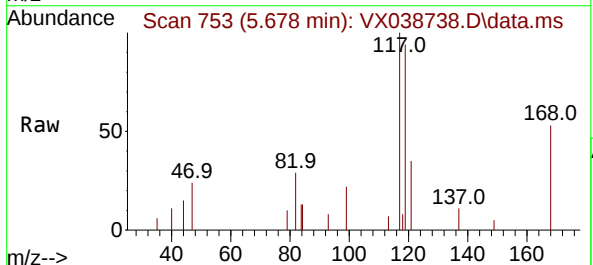
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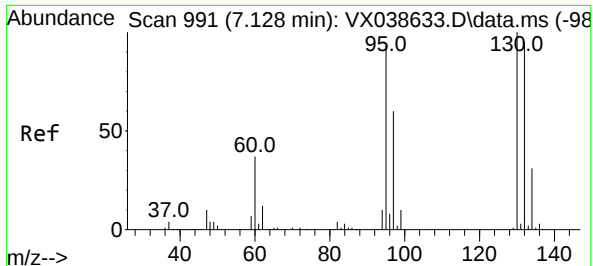
Tgt Ion:113 Resp: 141711
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 21.2 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 0.784 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

Tgt Ion:117 Resp: 3385
Ion Ratio Lower Upper
117 100
119 94.0 78.2 117.2
121 35.2 24.4 36.6

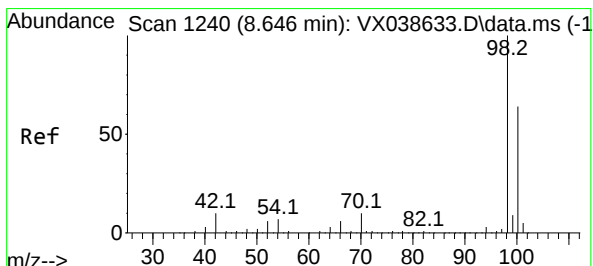
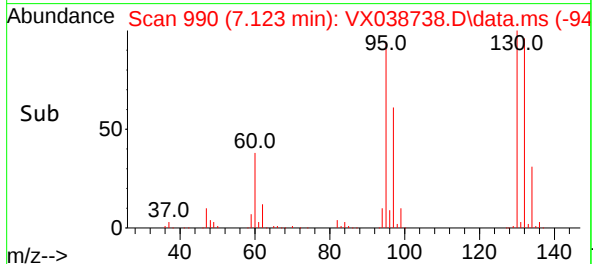
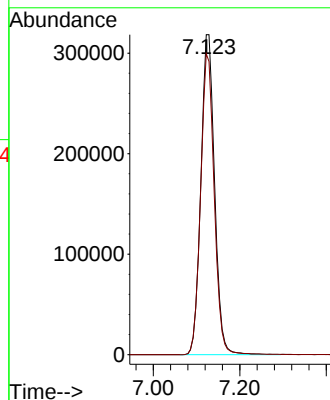
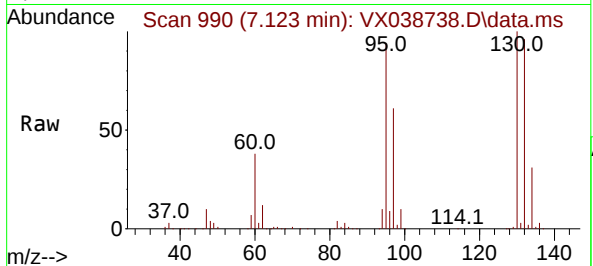




#44
Trichloroethene
Concen: 202.096 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

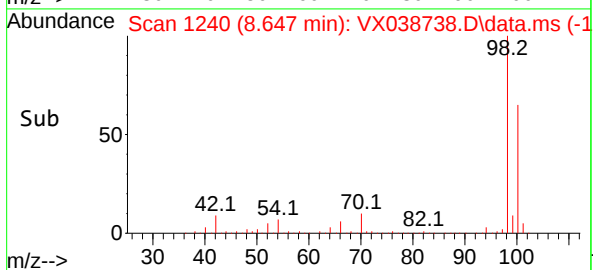
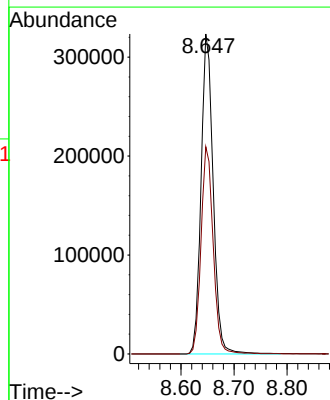
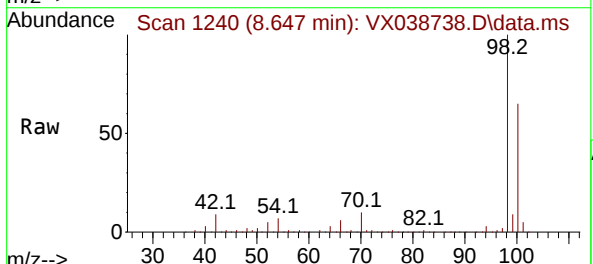
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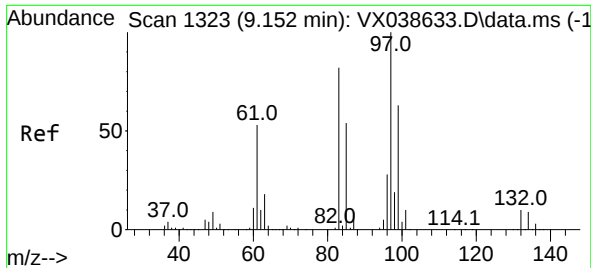
Tgt Ion:130 Resp: 699894
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.4



#50
Toluene-d8
Concen: 46.058 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

Tgt Ion: 98 Resp: 512727
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

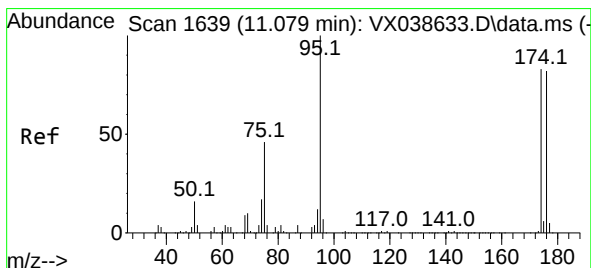
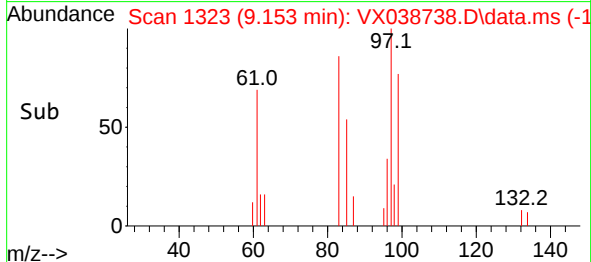
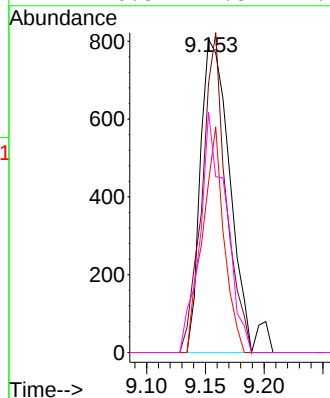
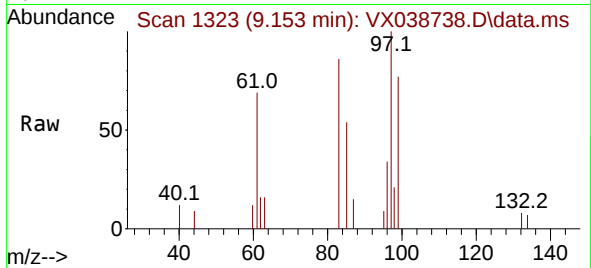




#55
1,1,2-Trichloroethane
Concen: 0.461 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

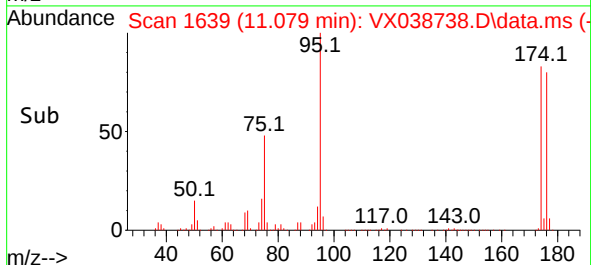
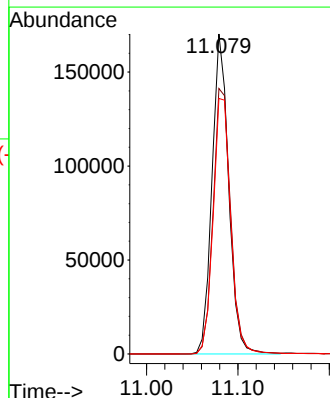
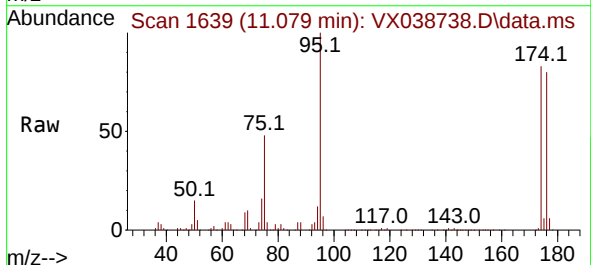
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108

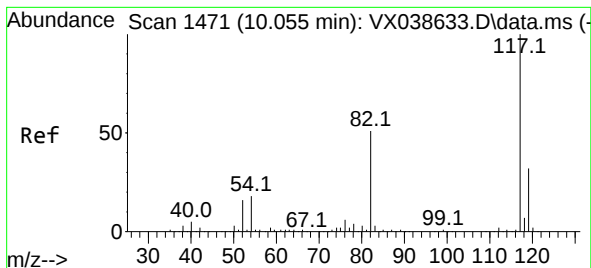
Tgt Ion:	97	Resp:	1426
Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.8	98.8
85	54.3	41.6	62.4
99	76.8	47.8	71.8



#62
4-Bromofluorobenzene
Concen: 49.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

Tgt Ion:	95	Resp:	215100
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	135.6
176	85.1	0.0	131.0

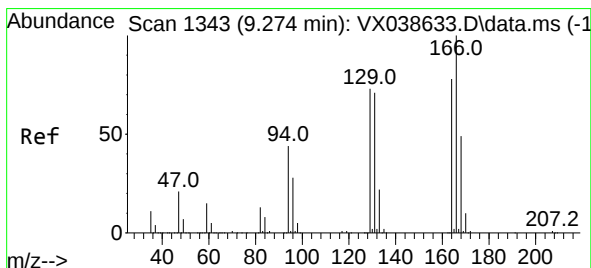
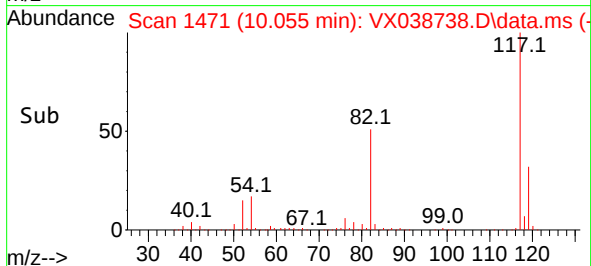
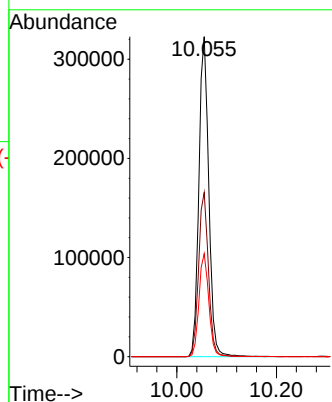
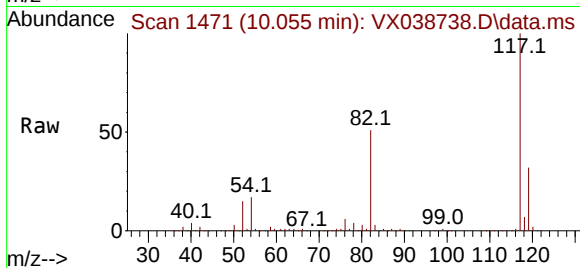




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

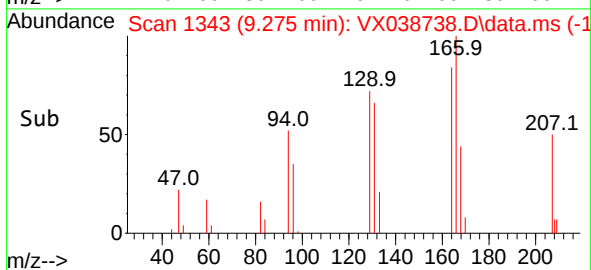
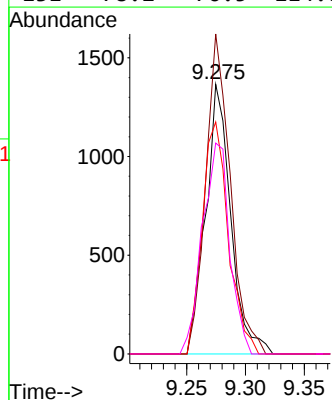
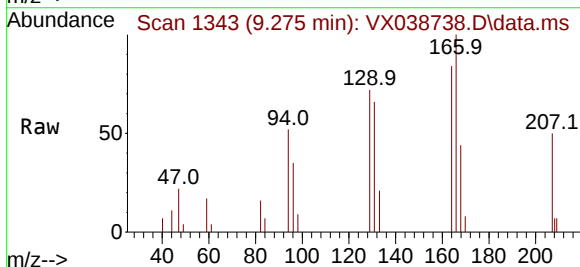
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20231108

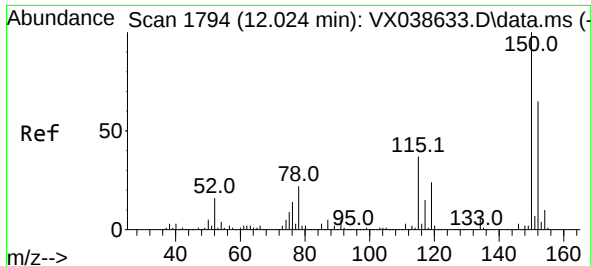
Tgt Ion:117 Resp: 443724
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 0.614 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038738.D
Acq: 10 Nov 2023 18:52

Tgt Ion:164 Resp: 2041
Ion Ratio Lower Upper
164 100
166 118.7 102.7 154.1
129 86.0 80.4 120.6
131 78.2 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038738.D

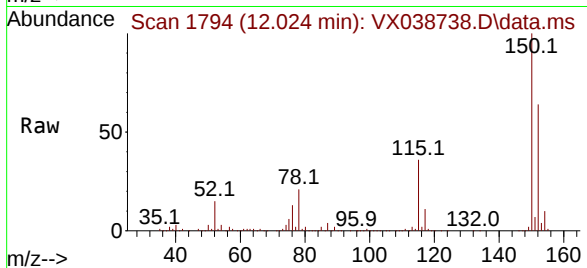
Acq: 10 Nov 2023 18:52

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20231108



Tgt Ion:152 Resp: 249166

Ion Ratio Lower Upper

152 100

115 58.7 43.3 129.9

150 157.6 0.0 345.0

