

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037388.D
 Acq On : 30 Aug 2023 14:53
 Operator : JC/MD
 Sample : 04229-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03D-490-082923

Quant Time: Aug 31 02:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

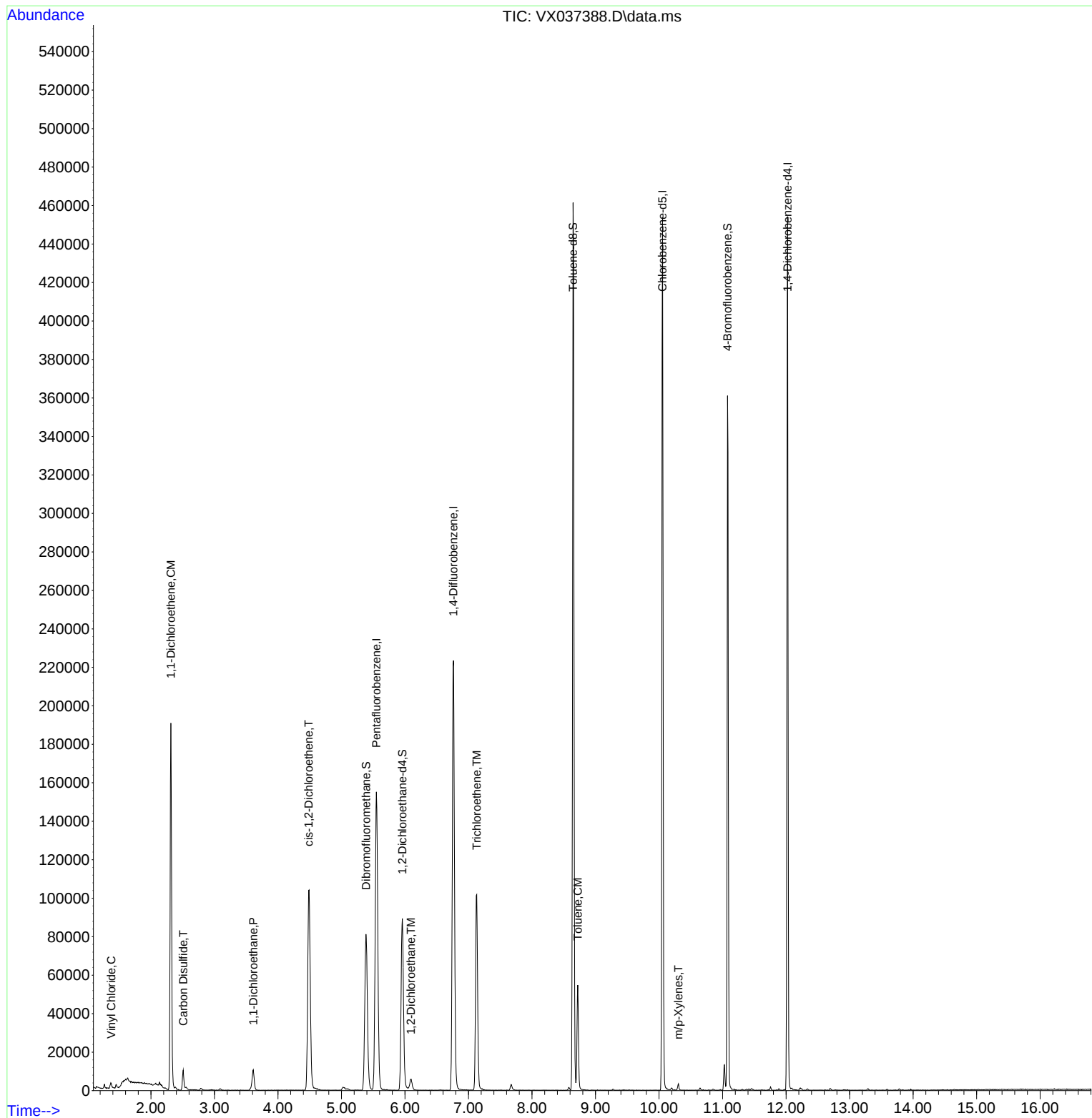
Internal Standards						
1) Pentafluorobenzene	5.550	168	145795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89157	42.417	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.840%
35) Dibromofluoromethane	5.385	113	73095	46.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	8.647	98	278420	48.613	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.220%
62) 4-Bromofluorobenzene	11.079	95	101278	44.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.000%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1625	1.008	ug/l	96
12) 1,1-Dichloroethene	2.312	96	65425	43.593	ug/l	85
17) Carbon Disulfide	2.508	76	14193	3.718	ug/l	99
24) 1,1-Dichloroethane	3.611	63	11757	3.933	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	71064	35.332	ug/l	81
42) 1,2-Dichloroethane	6.092	62	6949	2.754	ug/l	96
44) Trichloroethene	7.129	130	42320	23.198	ug/l	98
52) Toluene	8.720	92	22063	5.190	ug/l	99
68) m/p-Xylenes	10.305	106	883	0.293	ug/l	93

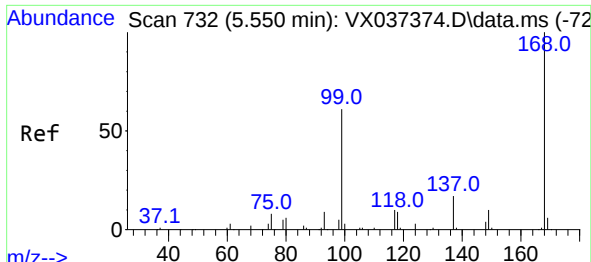
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
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BR-03D-490-082923

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

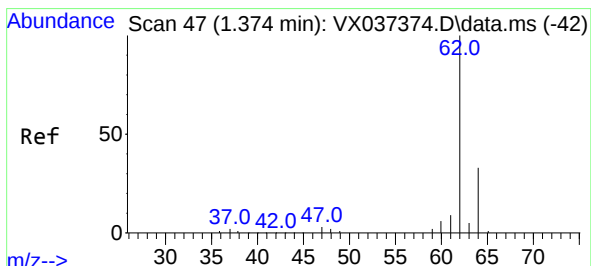
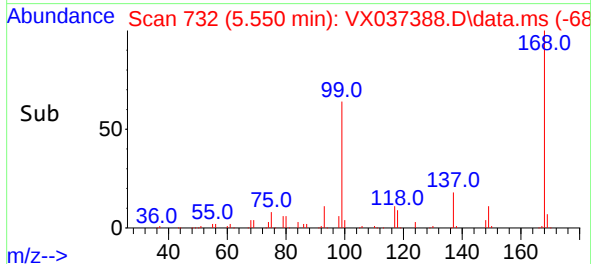
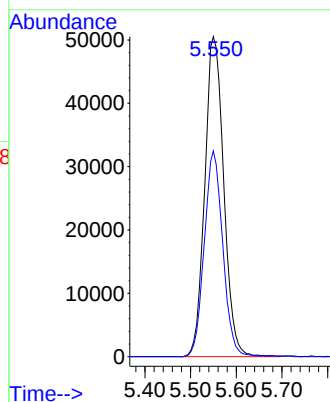
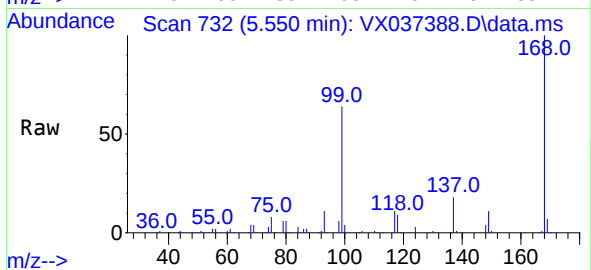




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

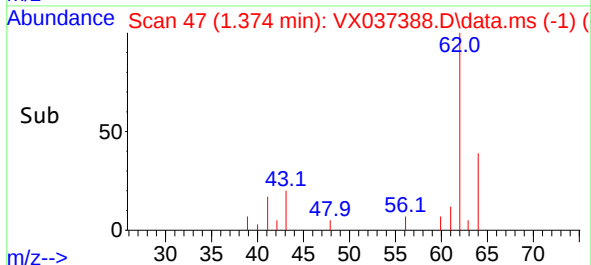
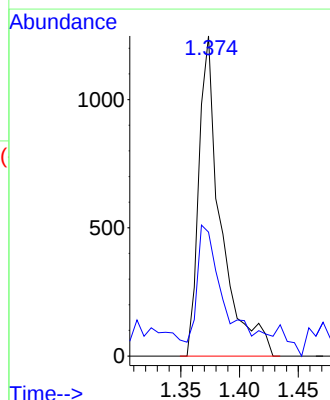
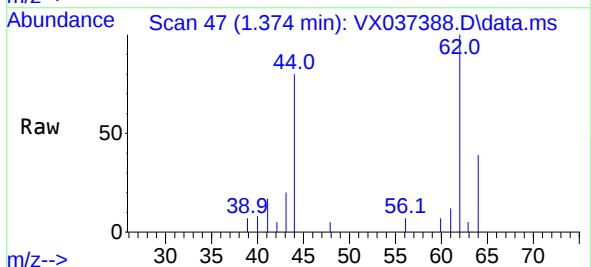
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-082923

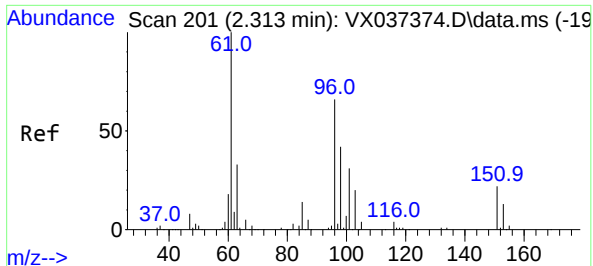
Tgt Ion:168 Resp: 145795
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#4
Vinyl Chloride
Concen: 1.008 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

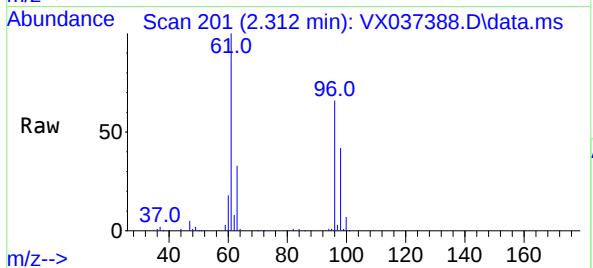
Tgt Ion: 62 Resp: 1625
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.0





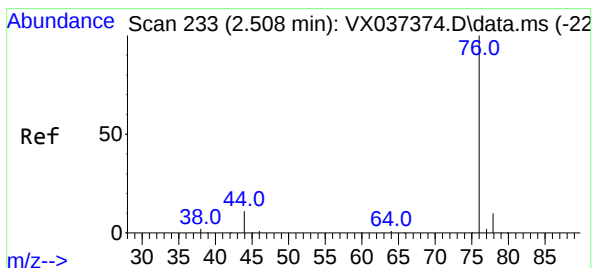
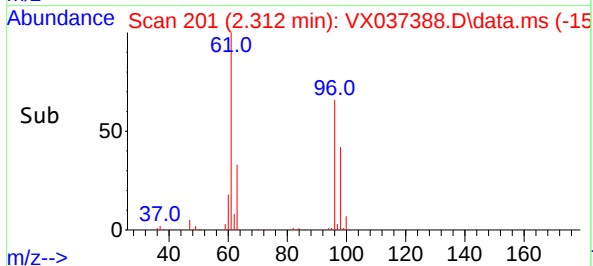
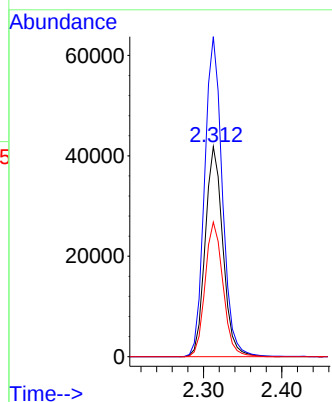
#12
1,1-Dichloroethene
Concen: 43.593 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-082923



Tgt Ion: 96 Resp: 65425

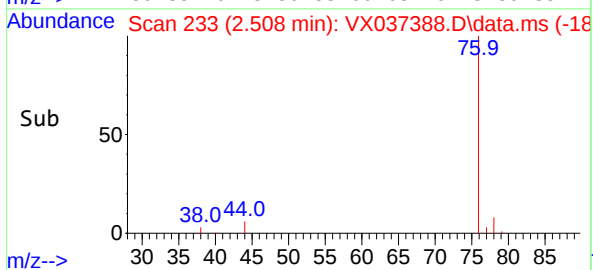
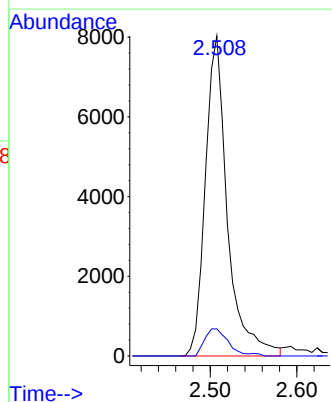
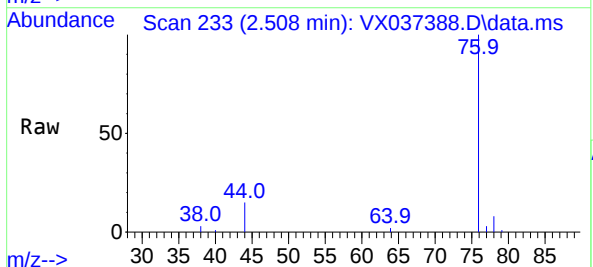
Ion	Ratio	Lower	Upper
96	100		
61	152.4	144.6	216.8
98	64.1	50.4	75.6

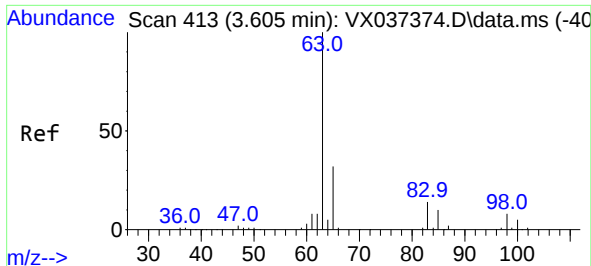


#17
Carbon Disulfide
Concen: 3.718 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

Tgt Ion: 76 Resp: 14193

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.0	10.6

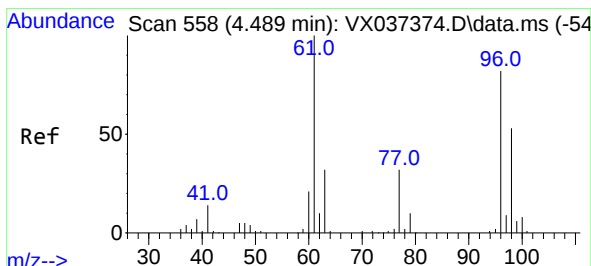
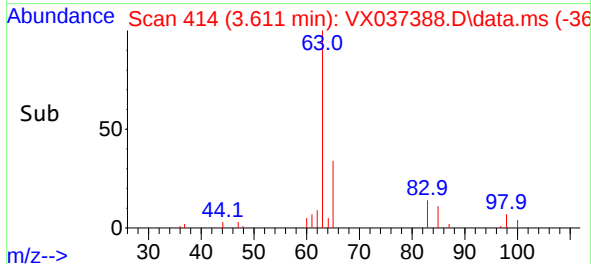
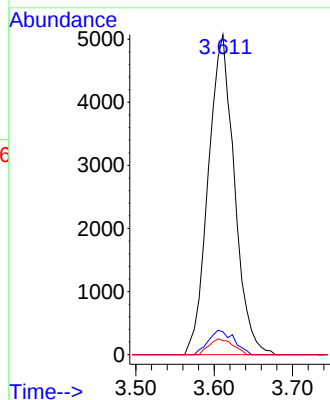
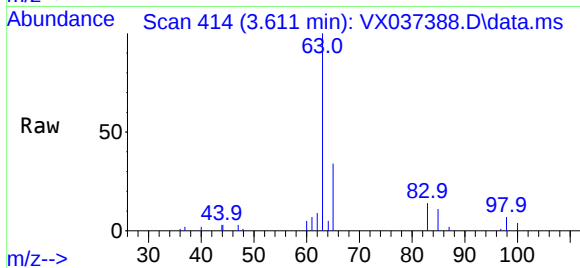




#24
1,1-Dichloroethane
Concen: 3.933 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

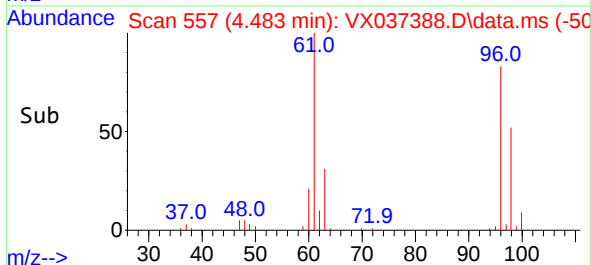
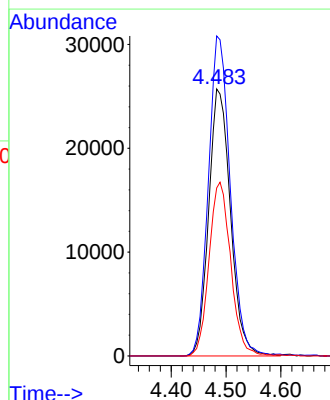
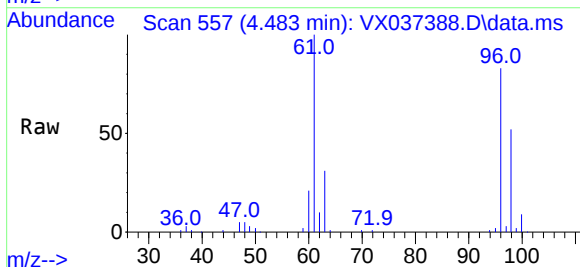
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-082923

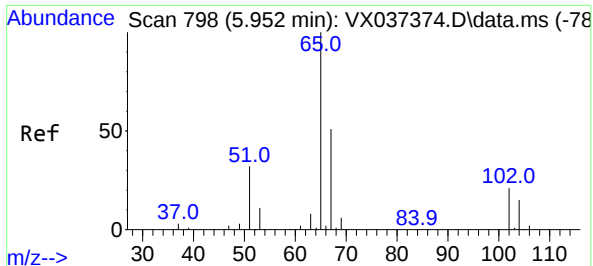
Tgt Ion:	63	Resp:	11757
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.3	9.8
100	4.4	2.1	6.5



#27
cis-1,2-Dichloroethene
Concen: 35.332 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

Tgt Ion:	96	Resp:	71064
Ion	Ratio	Lower	Upper
96	100		
61	120.5	0.0	312.2
98	64.6	0.0	129.0

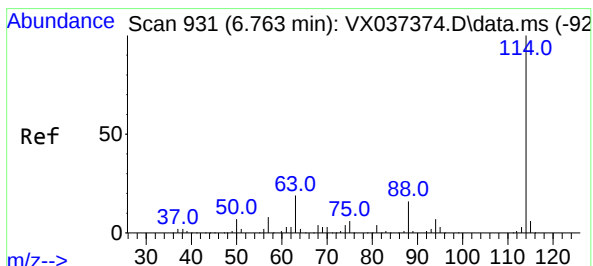
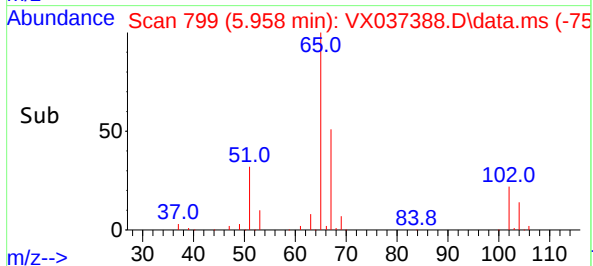
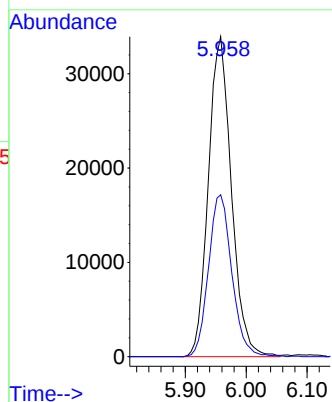
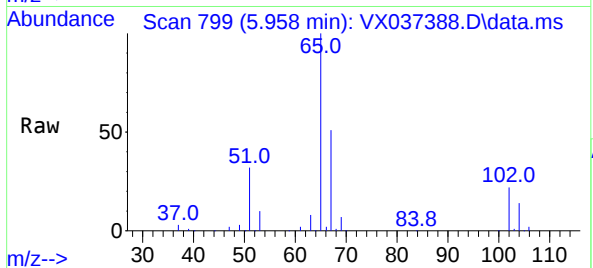




#33
1,2-Dichloroethane-d4
Concen: 42.417 ug/l
RT: 5.958 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

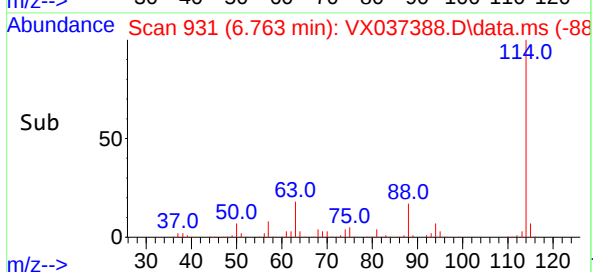
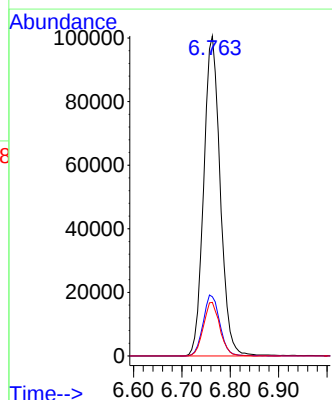
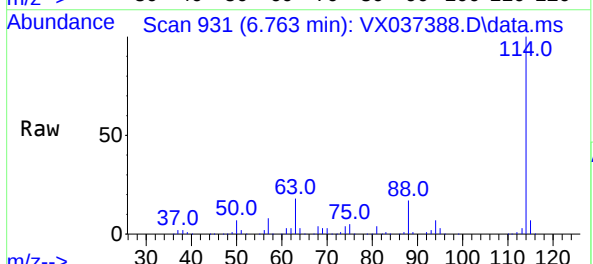
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-082923

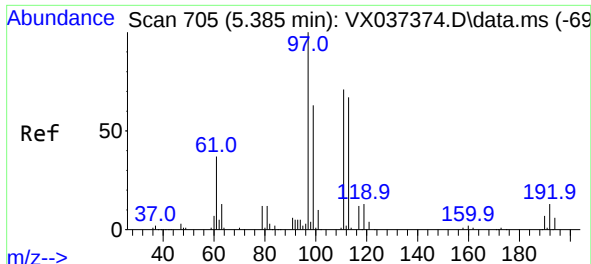
Tgt Ion: 65 Resp: 89157
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

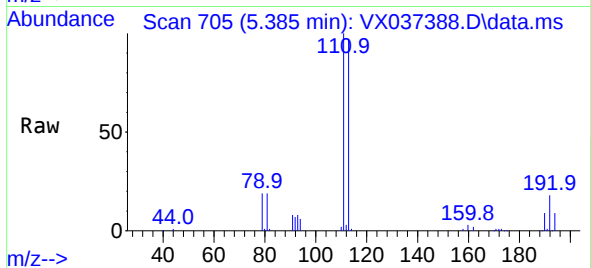
Tgt Ion: 114 Resp: 238407
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 16.8 0.0 36.6



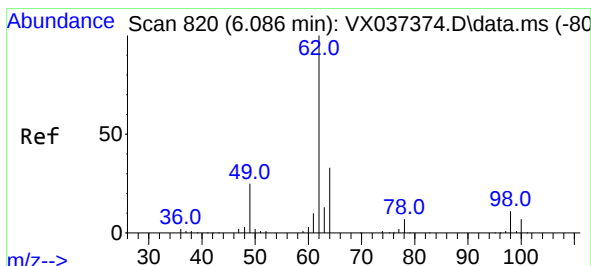
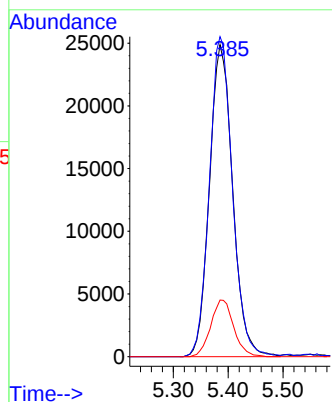
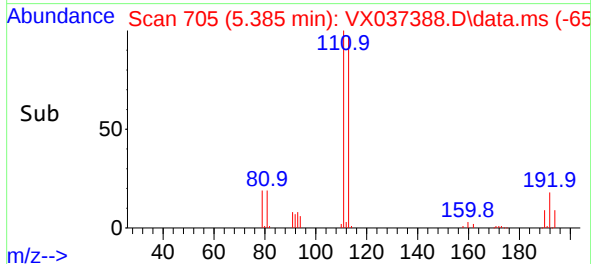


#35
Dibromofluoromethane
Concen: 46.294 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-082923

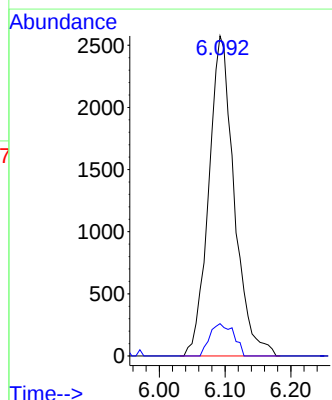
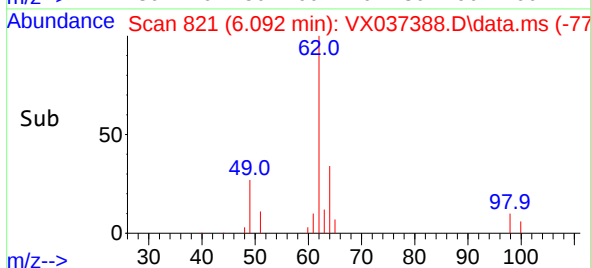
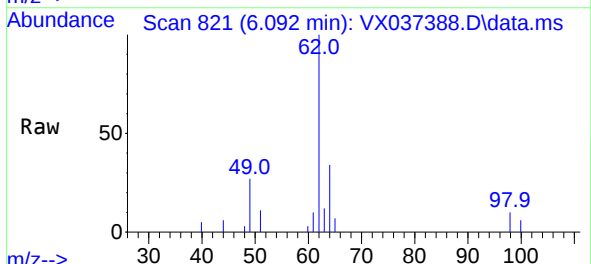


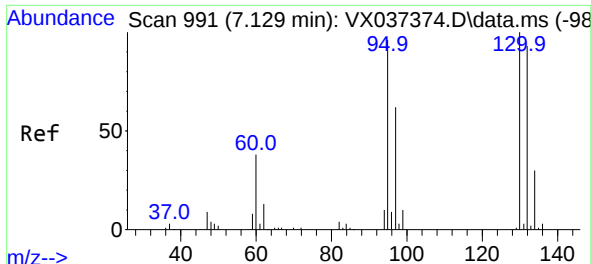
Tgt Ion:113 Resp: 73095
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.0 13.3 19.9



#42
1,2-Dichloroethane
Concen: 2.754 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

Tgt Ion: 62 Resp: 6949
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0

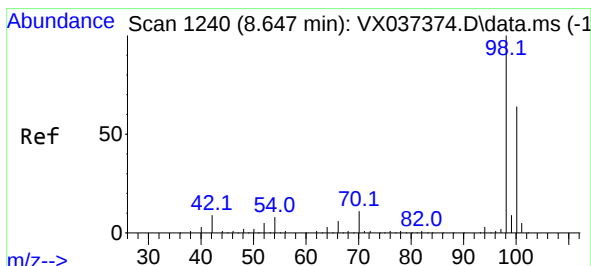
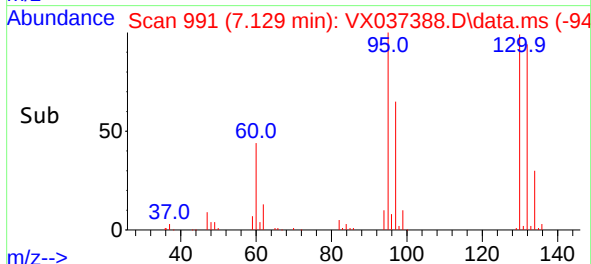
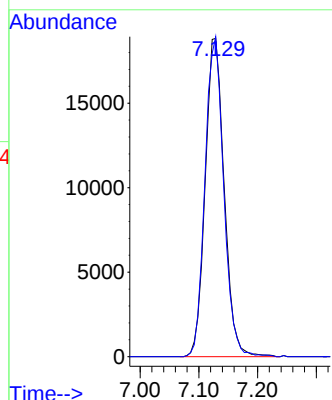
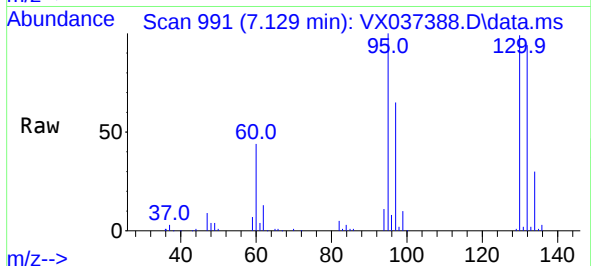




#44
Trichloroethene
Concen: 23.198 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

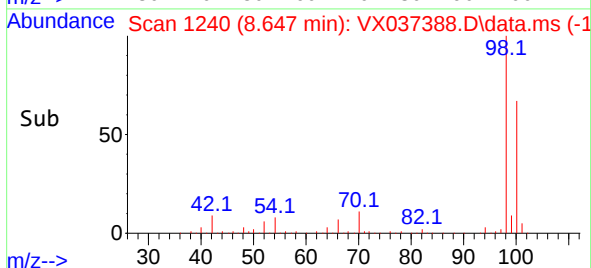
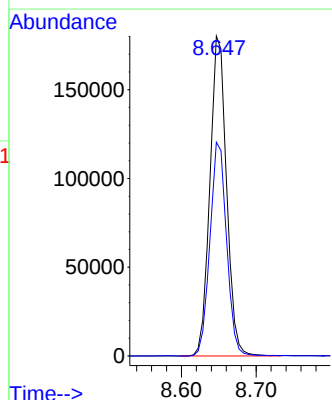
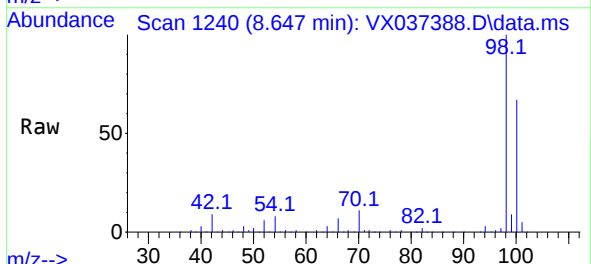
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MSVOA_X
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BR-03D-490-082923

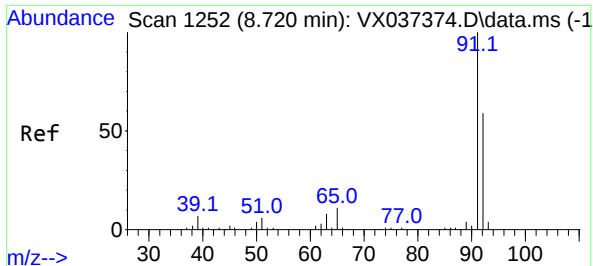
Tgt Ion:130 Resp: 42320
Ion Ratio Lower Upper
130 100
95 100.6 0.0 204.4



#50
Toluene-d8
Concen: 48.613 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

Tgt Ion: 98 Resp: 278420
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7





#52

Toluene

Concen: 5.190 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037388.D

Acq: 30 Aug 2023 14:53

Instrument :

MSVOA_X

ClientSampleId :

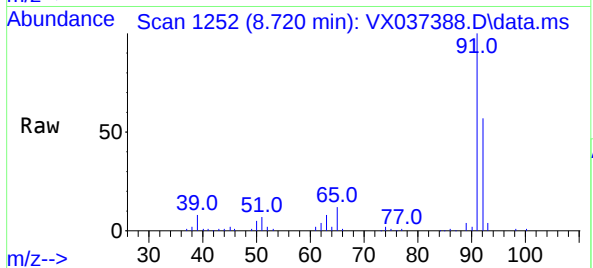
BR-03D-490-082923

Tgt Ion: 92 Resp: 22063

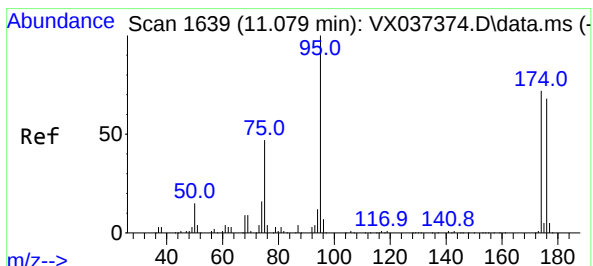
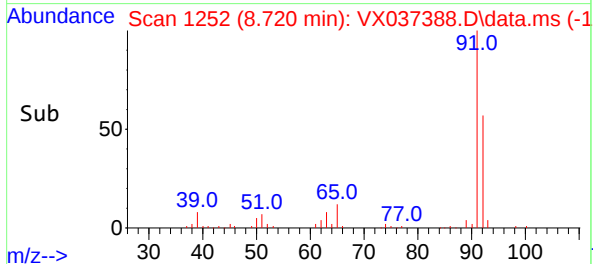
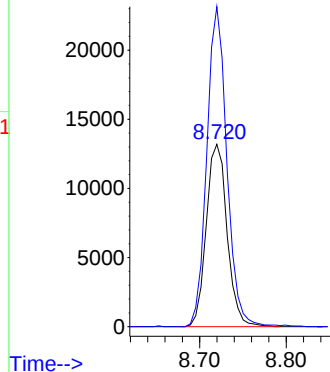
Ion Ratio Lower Upper

92 100

91 168.8 134.2 201.2



Abundance



#62

4-Bromofluorobenzene

Concen: 44.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037388.D

Acq: 30 Aug 2023 14:53

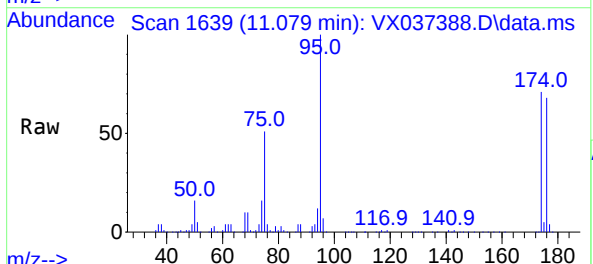
Tgt Ion: 95 Resp: 101278

Ion Ratio Lower Upper

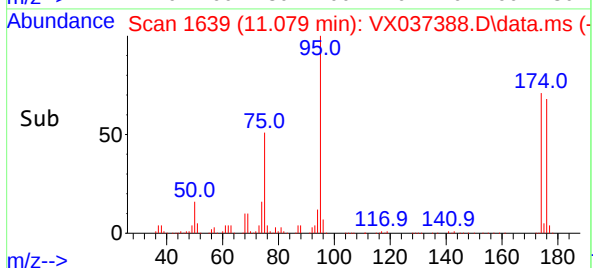
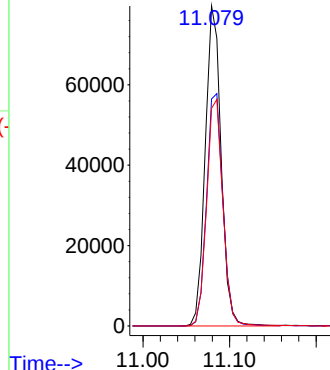
95 100

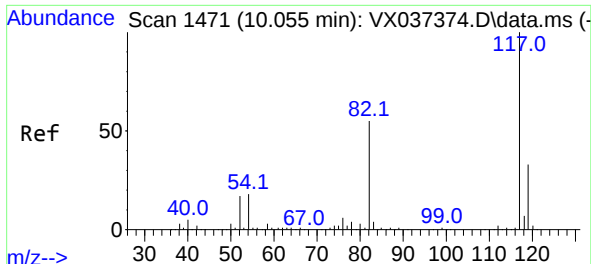
174 74.8 0.0 135.6

176 72.7 0.0 131.0



Abundance

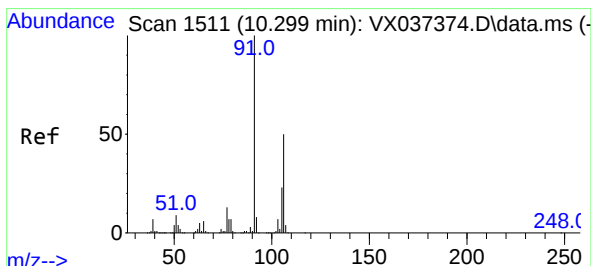
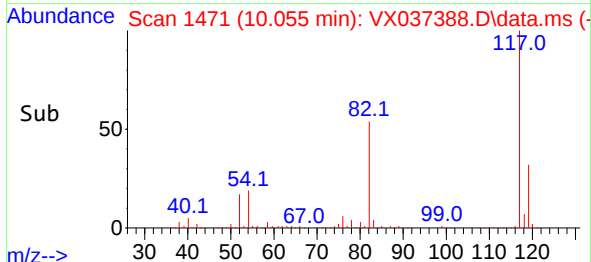
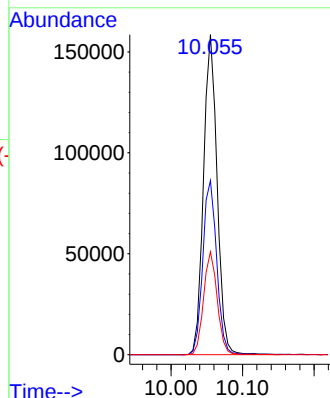
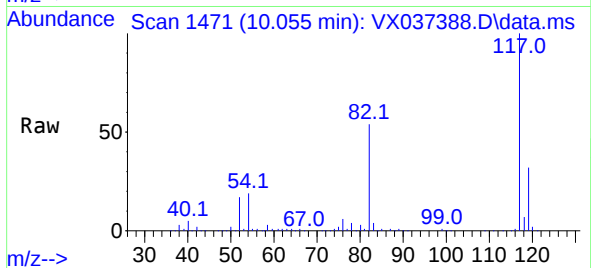




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

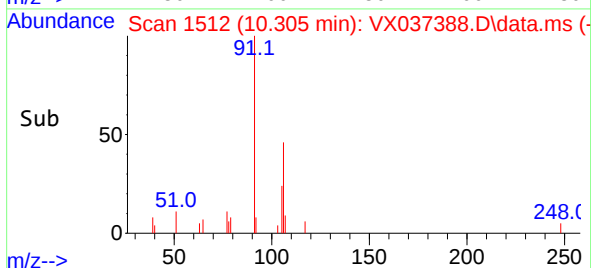
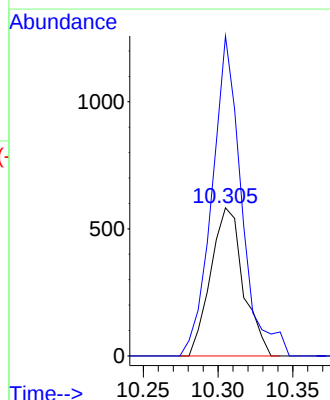
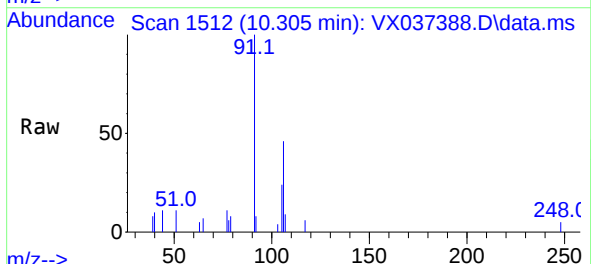
Instrument :
MSVOA_X
ClientSampleId :
BR-03D-490-082923

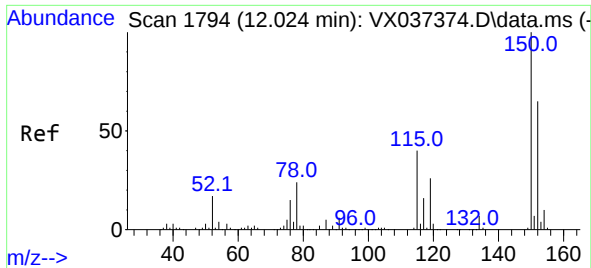
Tgt Ion:117 Resp: 209631
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 0.293 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037388.D
Acq: 30 Aug 2023 14:53

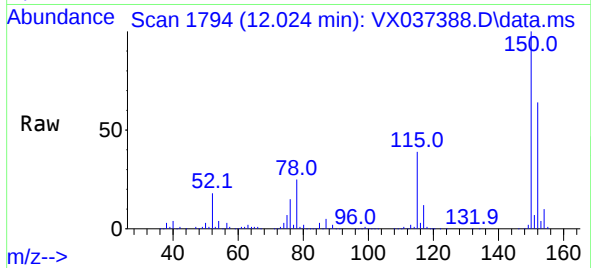
Tgt Ion:106 Resp: 883
Ion Ratio Lower Upper
106 100
91 195.4 165.5 248.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037388.D
 Acq: 30 Aug 2023 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BR-03D-490-082923



Tgt Ion:152 Resp: 94547
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 158.2 0.0 345.0

