

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034392.D
 Acq On : 08 Mar 2023 18:40
 Operator : JC/MD
 Sample : 01843-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20230306

Quant Time: Mar 09 04:02:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

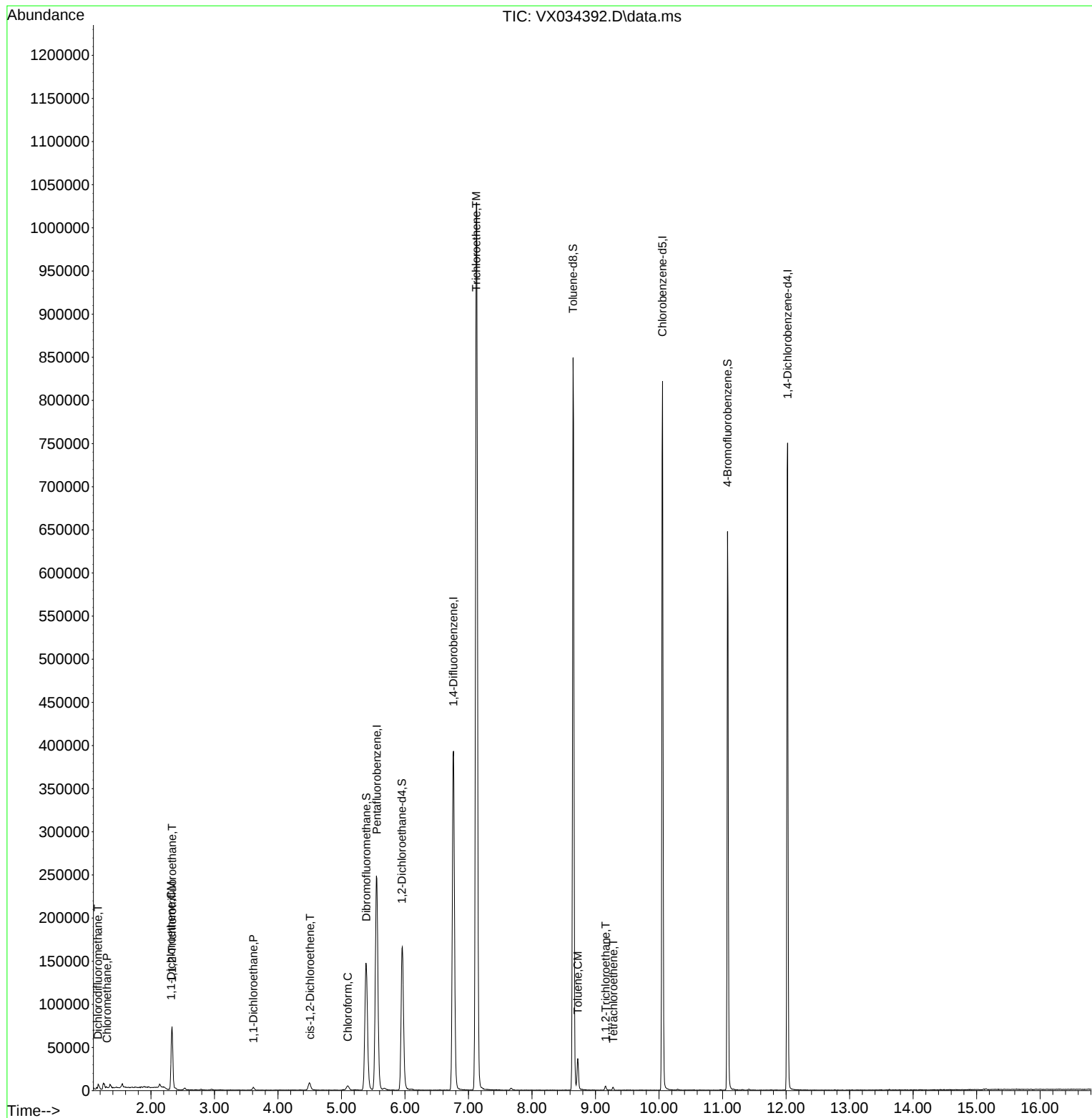
Internal Standards						
1) Pentafluorobenzene	5.556	168	242784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	155653	47.604	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.200%
35) Dibromofluoromethane	5.391	113	129101	48.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	8.647	98	497695	51.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.980%
62) 4-Bromofluorobenzene	11.079	95	169163	46.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2748	1.310	ug/l	86
3) Chloromethane	1.307	50	776	0.257	ug/l #	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	24356	9.298	ug/l	96
12) 1,1-Dichloroethene	2.319	96	5827	2.219	ug/l	91
24) 1,1-Dichloroethane	3.611	63	3531	0.659	ug/l #	90
27) cis-1,2-Dichloroethene	4.507	96	5312	1.630	ug/l	94
30) Chloroform	5.098	83	5876	1.141	ug/l	94
44) Trichloroethene	7.123	130	408807	136.327	ug/l	92
52) Toluene	8.720	92	14215	2.008	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	1336	0.467	ug/l	93
64) Tetrachloroethene	9.281	164	544	0.212	ug/l #	82

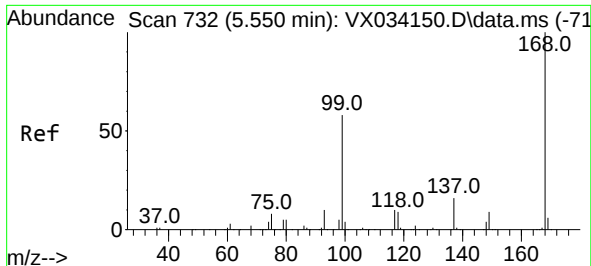
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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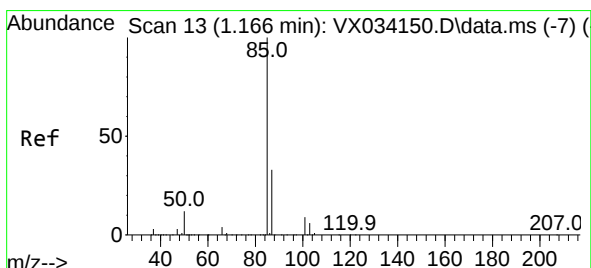
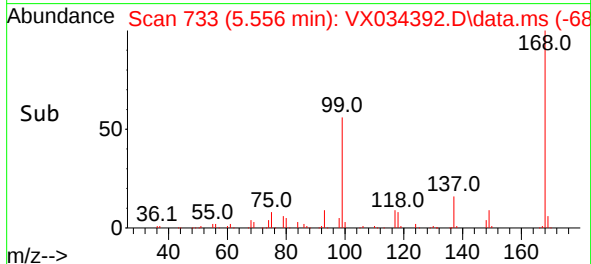
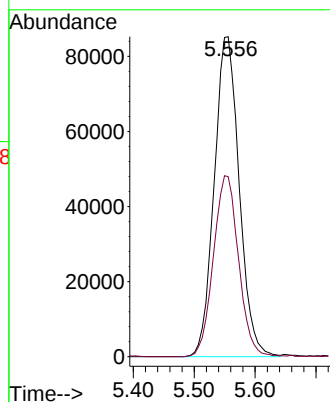
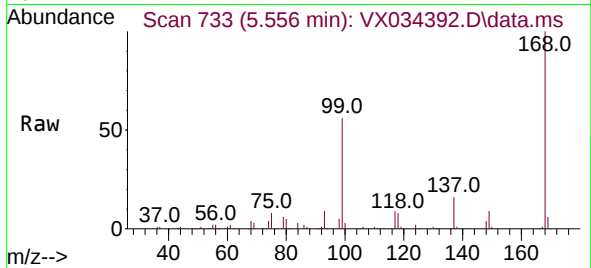




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

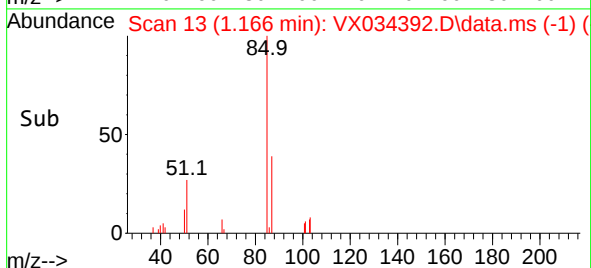
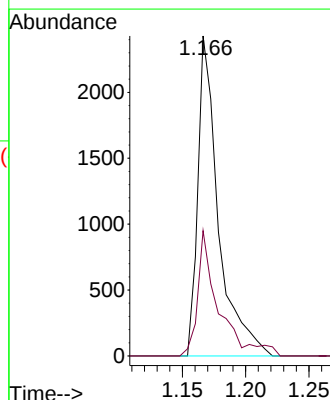
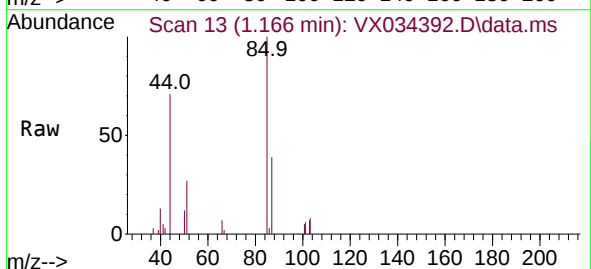
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230306

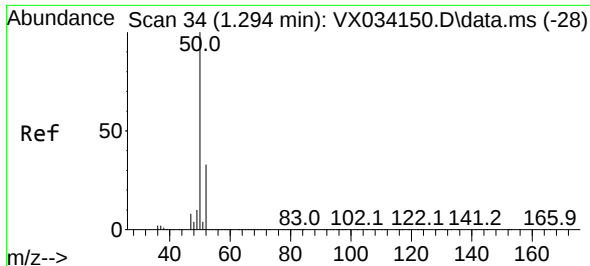
Tgt Ion:168 Resp: 242784
Ion Ratio Lower Upper
168 100
99 56.2 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 1.310 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

Tgt Ion: 85 Resp: 2748
Ion Ratio Lower Upper
85 100
87 39.1 15.8 47.4

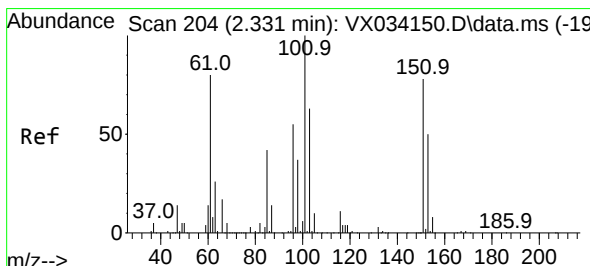
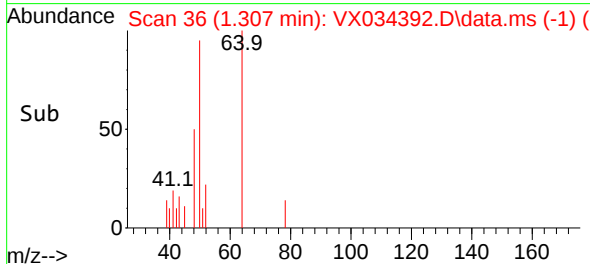
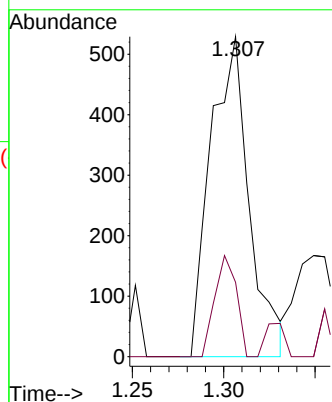
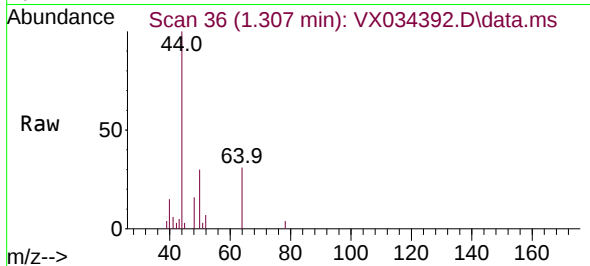




#3
Chloromethane
Concen: 0.257 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

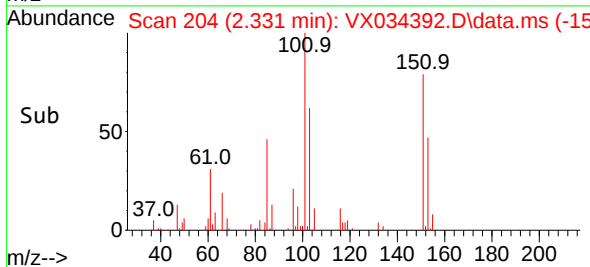
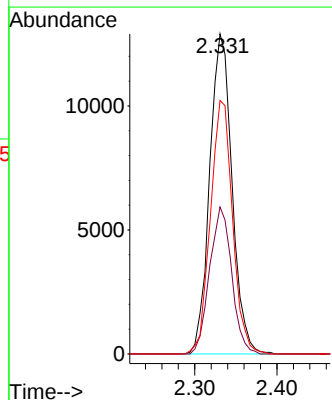
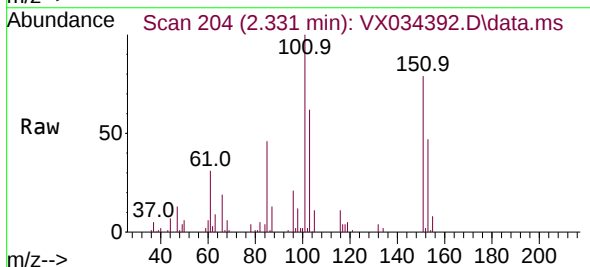
Instrument :
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ClientSampleId :
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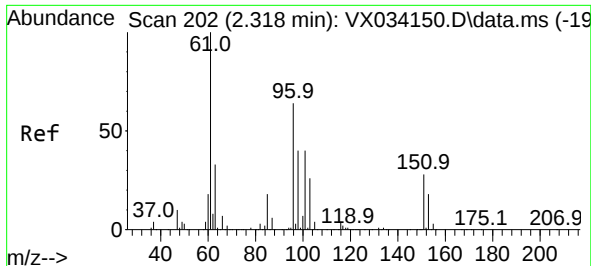
Tgt Ion: 50 Resp: 776
Ion Ratio Lower Upper
50 100
52 23.3 25.2 37.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.298 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

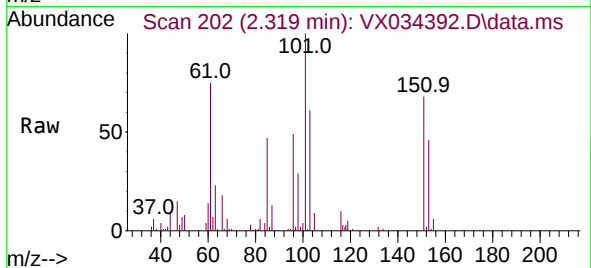
Tgt Ion: 101 Resp: 24356
Ion Ratio Lower Upper
101 100
85 45.3 36.7 55.1
151 78.4 66.5 99.7





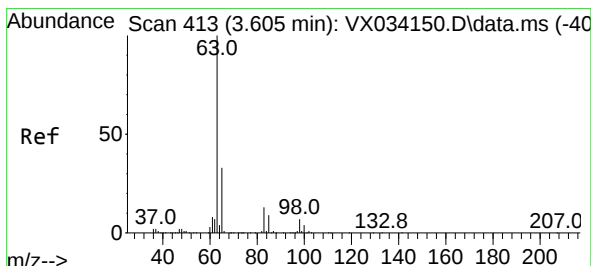
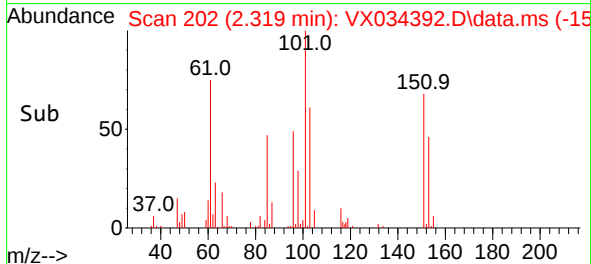
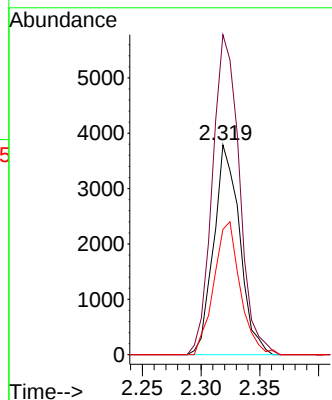
#12
1,1-Dichloroethene
Concen: 2.219 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230306



Tgt Ion: 96 Resp: 5827

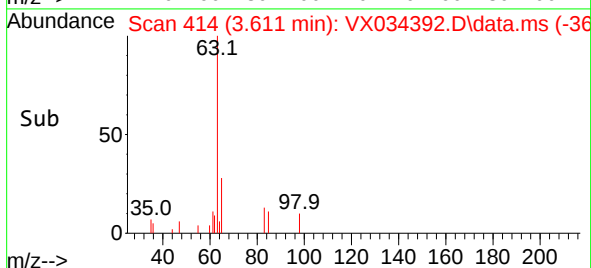
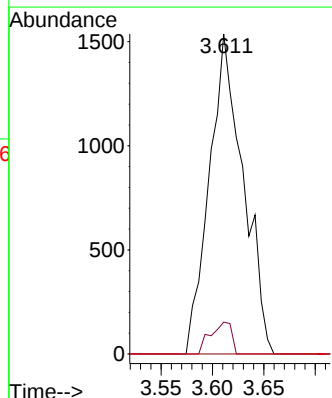
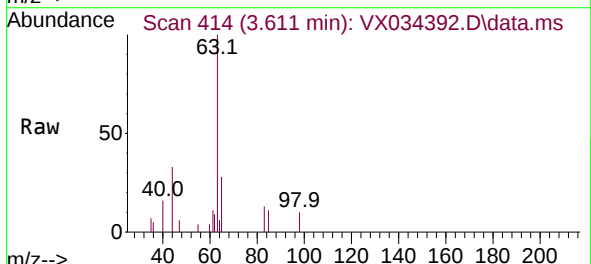
Ion	Ratio	Lower	Upper
96	100		
61	152.5	134.2	201.4
98	59.7	50.2	75.2

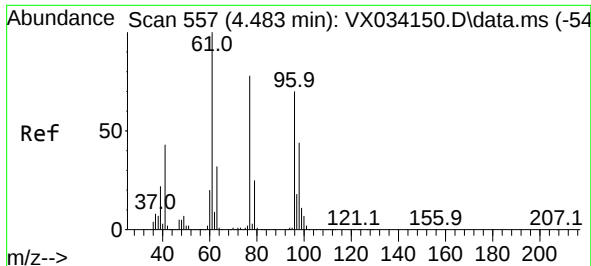


#24
1,1-Dichloroethane
Concen: 0.659 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

Tgt Ion: 63 Resp: 3531

Ion	Ratio	Lower	Upper
63	100		
98	10.0	3.8	11.2
100	0.0	2.4	7.2





#27

cis-1,2-Dichloroethene

Concen: 1.630 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.024 min

Lab File: VX034392.D

Acq: 08 Mar 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20230306

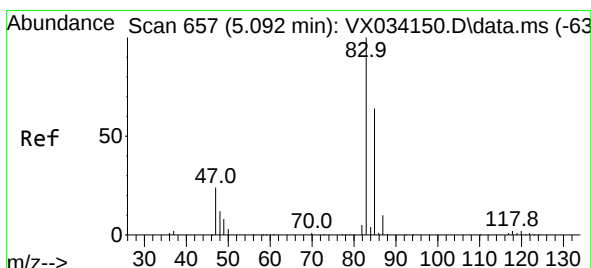
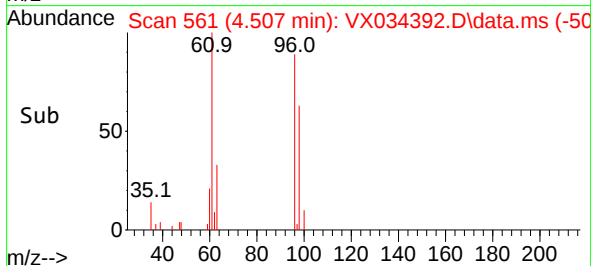
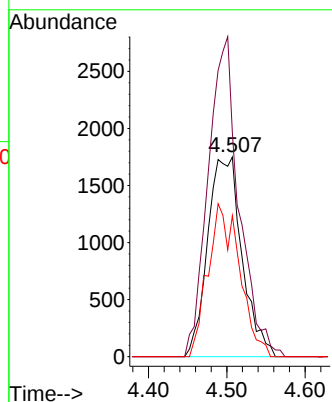
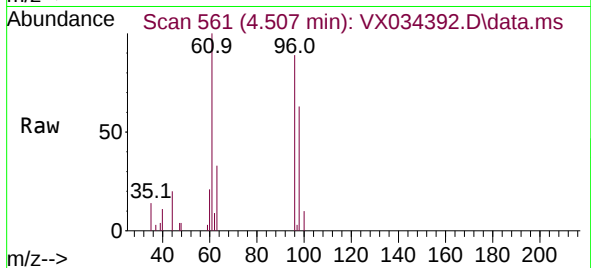
Tgt Ion: 96 Resp: 5312

Ion Ratio Lower Upper

96 100

61 145.0 0.0 277.6

98 70.9 0.0 128.0



#30

Chloroform

Concen: 1.141 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX034392.D

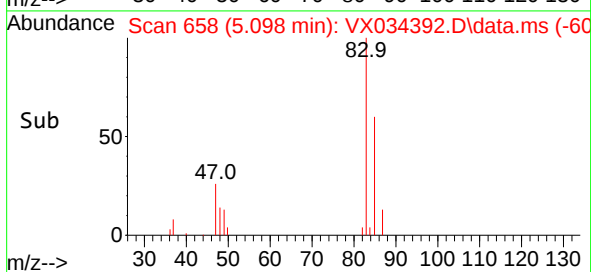
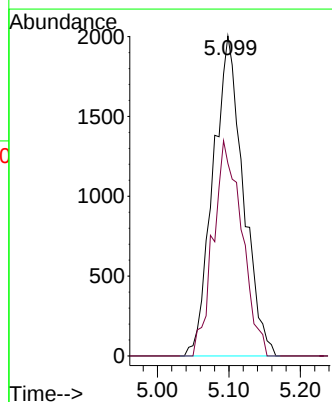
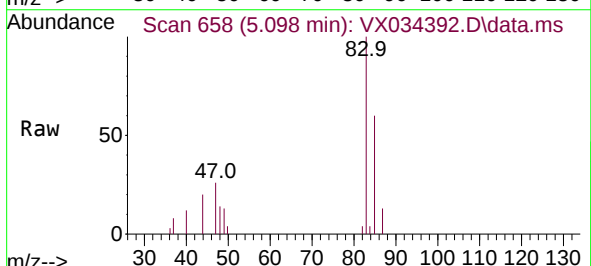
Acq: 08 Mar 2023 18:40

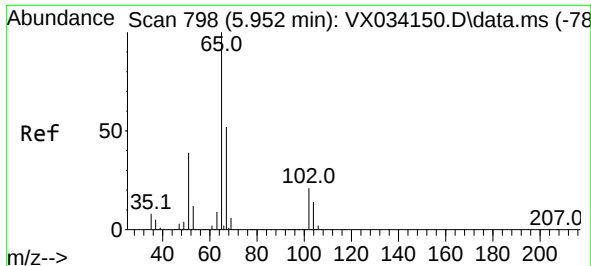
Tgt Ion: 83 Resp: 5876

Ion Ratio Lower Upper

83 100

85 60.2 52.1 78.1

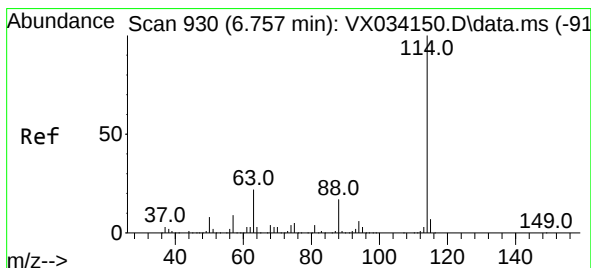
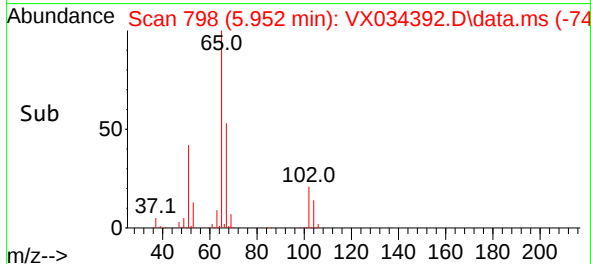
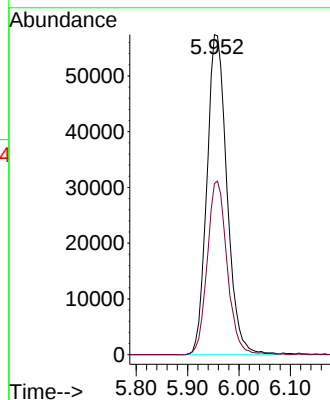
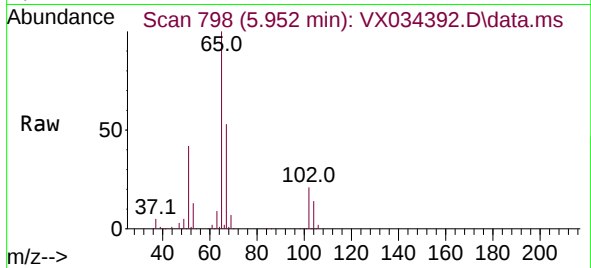




#33
 1,2-Dichloroethane-d4
 Concen: 47.604 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034392.D
 Acq: 08 Mar 2023 18:40

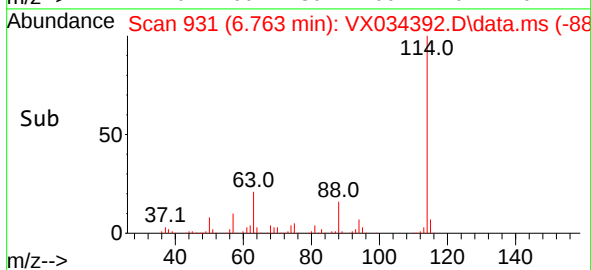
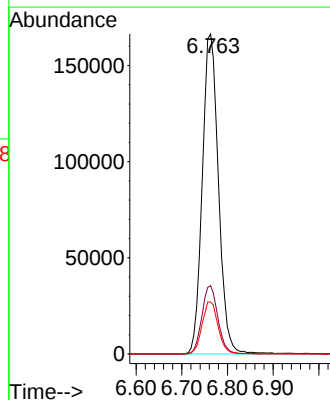
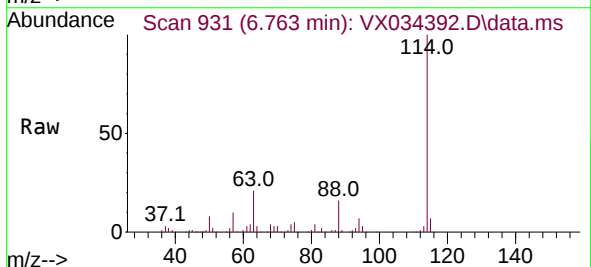
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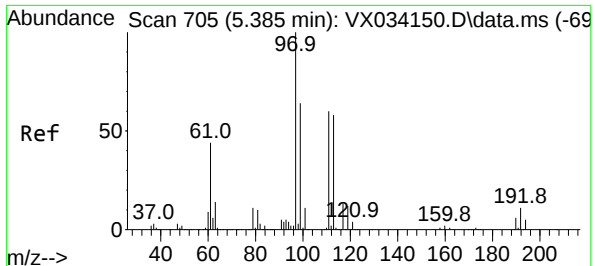
Tgt Ion: 65 Resp: 155653
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034392.D
 Acq: 08 Mar 2023 18:40

Tgt Ion: 114 Resp: 409506
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 16.2 0.0 30.6

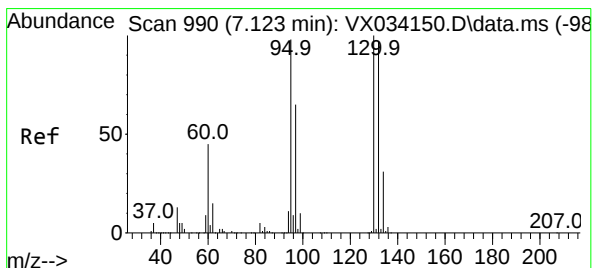
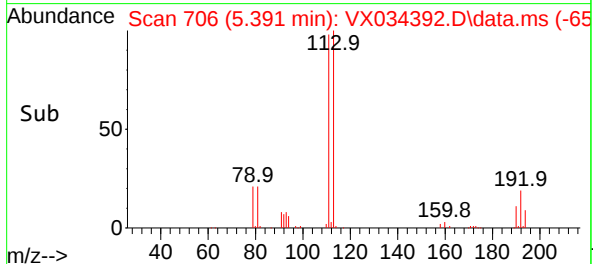
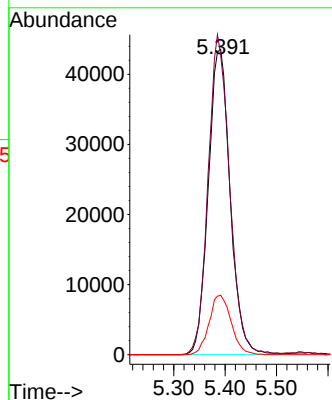
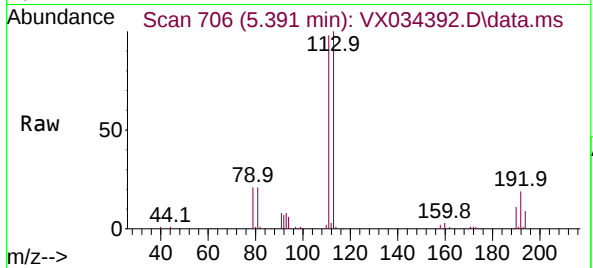




#35
 Dibromofluoromethane
 Concen: 48.420 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX034392.D
 Acq: 08 Mar 2023 18:40

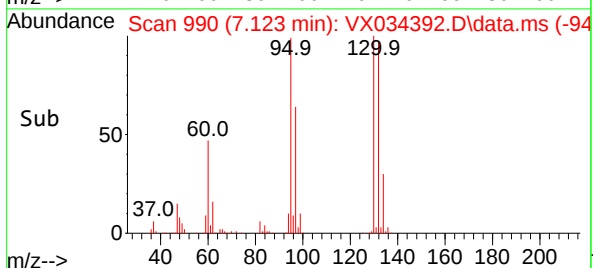
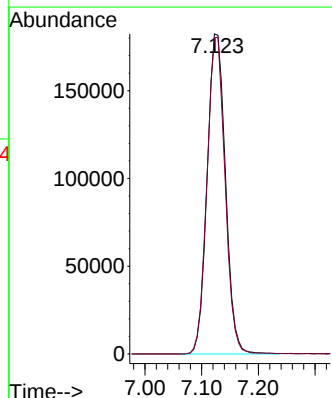
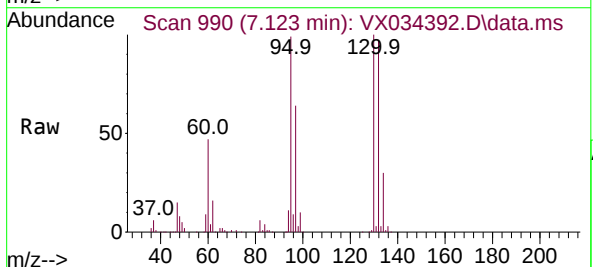
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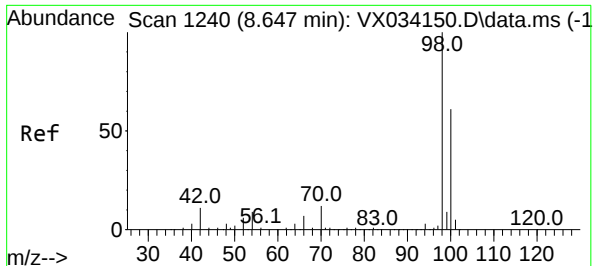
Tgt Ion:113 Resp: 129101
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 19.6 19.0 28.4



#44
 Trichloroethene
 Concen: 136.327 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. 0.000 min
 Lab File: VX034392.D
 Acq: 08 Mar 2023 18:40

Tgt Ion:130 Resp: 408807
 Ion Ratio Lower Upper
 130 100
 95 98.8 0.0 182.6

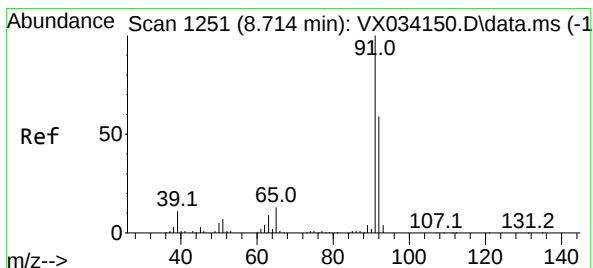
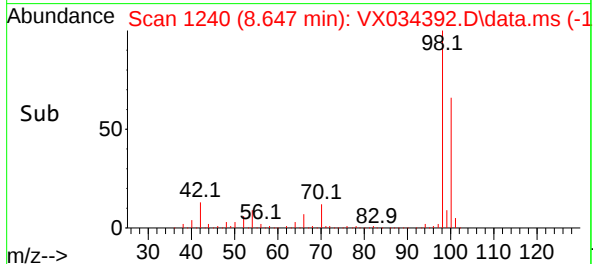
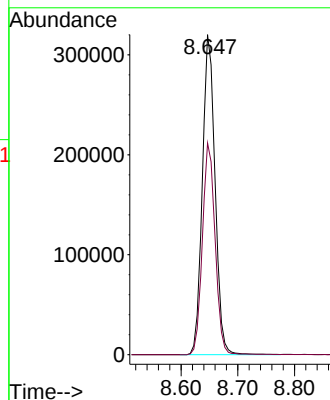
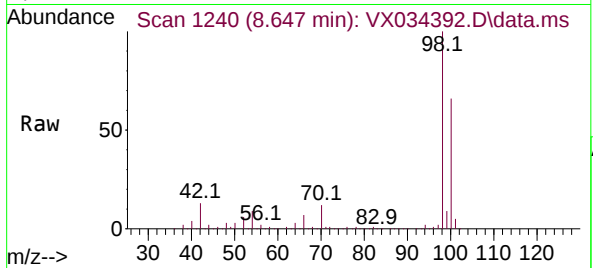




#50
Toluene-d8
Concen: 51.990 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

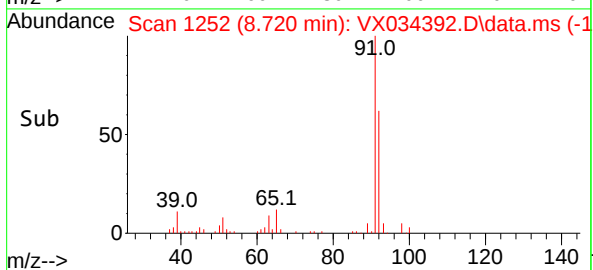
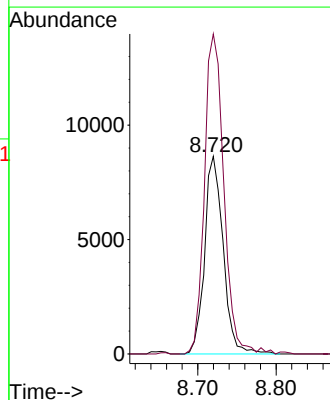
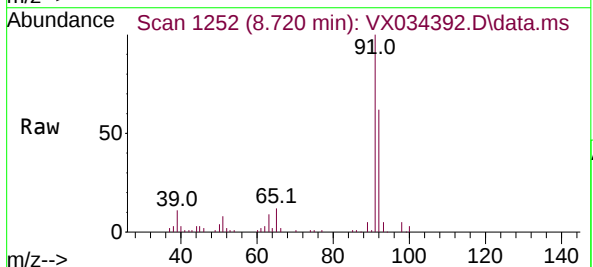
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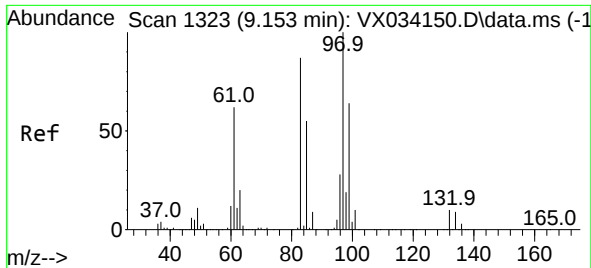
Tgt Ion: 98 Resp: 497695
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#52
Toluene
Concen: 2.008 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

Tgt Ion: 92 Resp: 14215
Ion Ratio Lower Upper
92 100
91 167.3 135.5 203.3

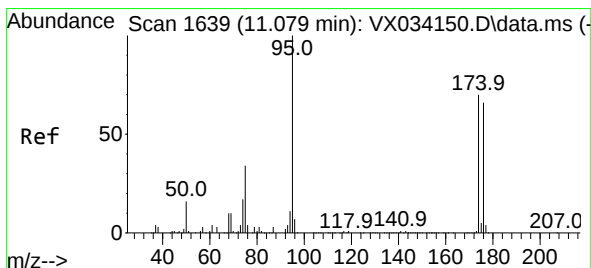
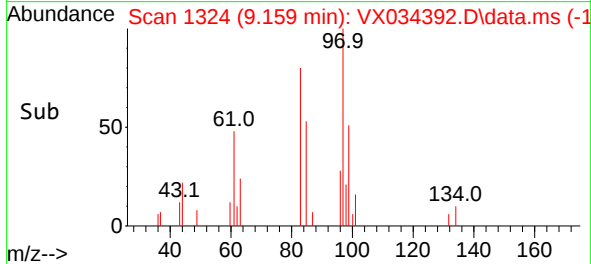
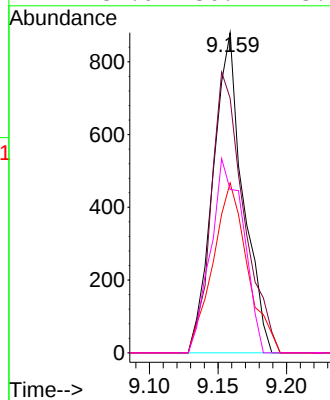
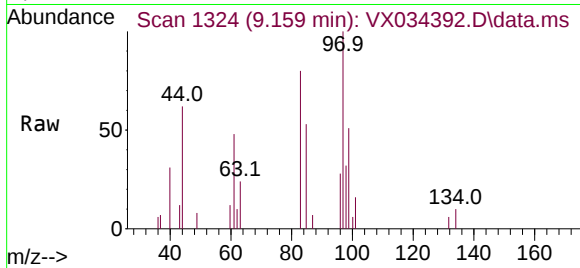




#55
1,1,2-Trichloroethane
Concen: 0.467 ug/l
RT: 9.159 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

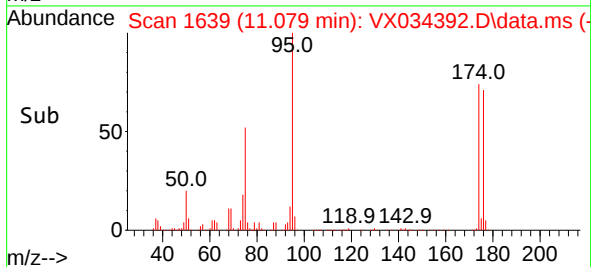
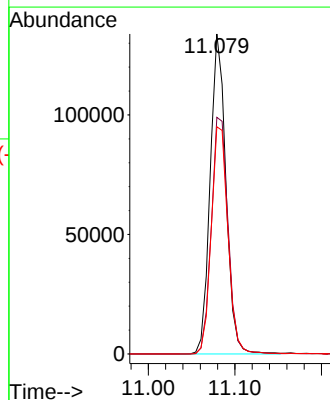
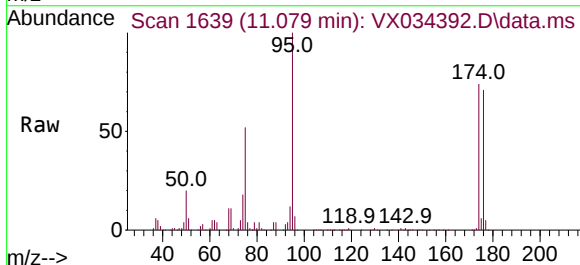
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230306

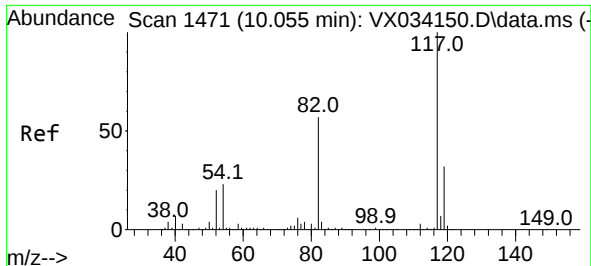
Tgt Ion:	97	Resp:	1336
Ion	Ratio	Lower	Upper
97	100		
83	79.5	67.4	101.0
85	53.1	43.2	64.8
99	51.0	50.2	75.2



#62
4-Bromofluorobenzene
Concen: 46.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

Tgt Ion:	95	Resp:	169163
Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	184.4
176	75.7	0.0	178.8

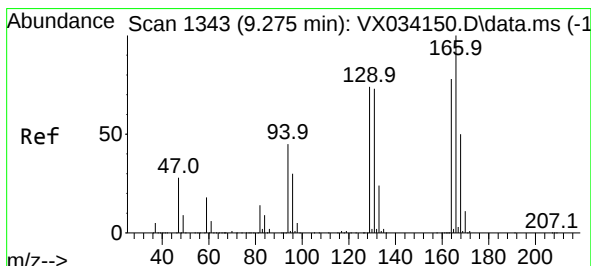
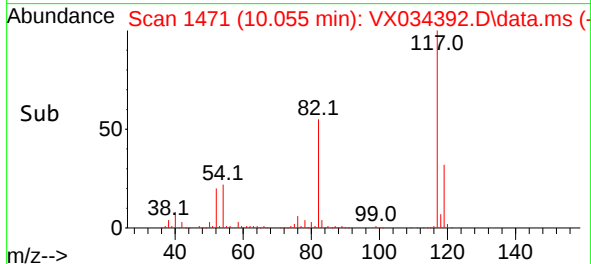
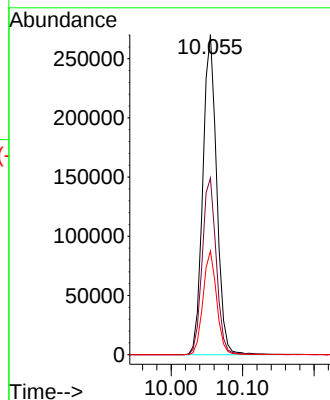
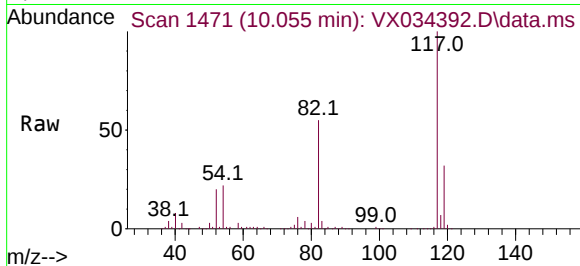




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

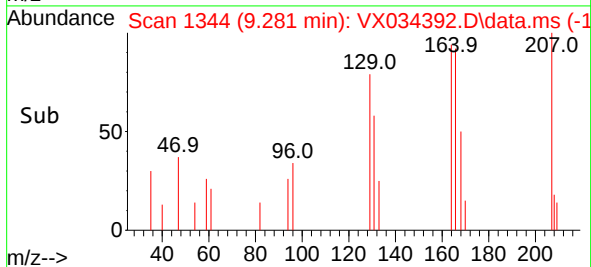
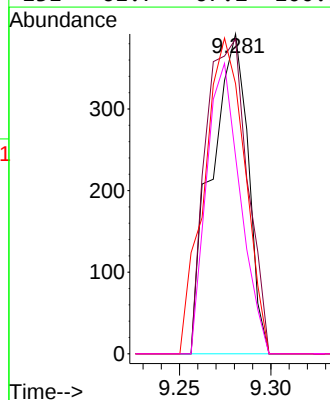
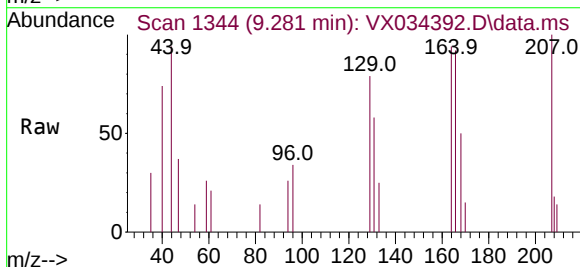
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20230306

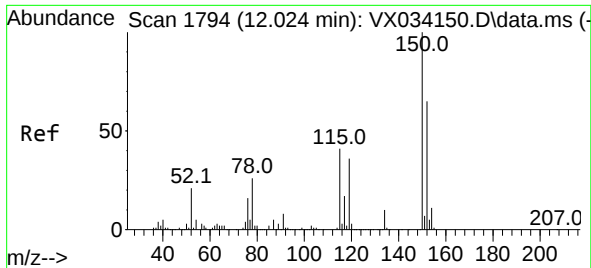
Tgt Ion:117 Resp: 364270
Ion Ratio Lower Upper
117 100
82 55.2 40.6 60.8
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 0.212 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX034392.D
Acq: 08 Mar 2023 18:40

Tgt Ion:164 Resp: 544
Ion Ratio Lower Upper
164 100
166 98.5 100.2 150.2#
129 84.4 69.2 103.8
131 61.7 67.2 100.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034392.D

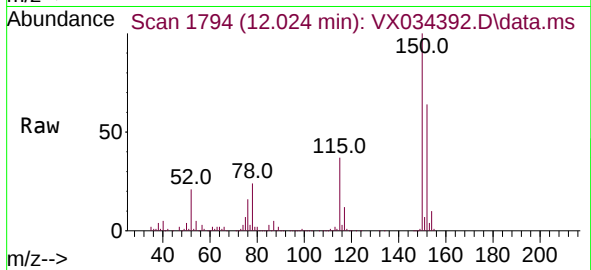
Acq: 08 Mar 2023 18:40

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20230306



Tgt Ion:152 Resp: 156362

Ion Ratio Lower Upper

152 100

115 60.2 38.7 116.1

150 157.6 0.0 348.2

