

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052423\
 Data File : VX035841.D
 Acq On : 24 May 2023 17:11
 Operator : JC/MD
 Sample : 02911-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20230522

Quant Time: May 25 05:33:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

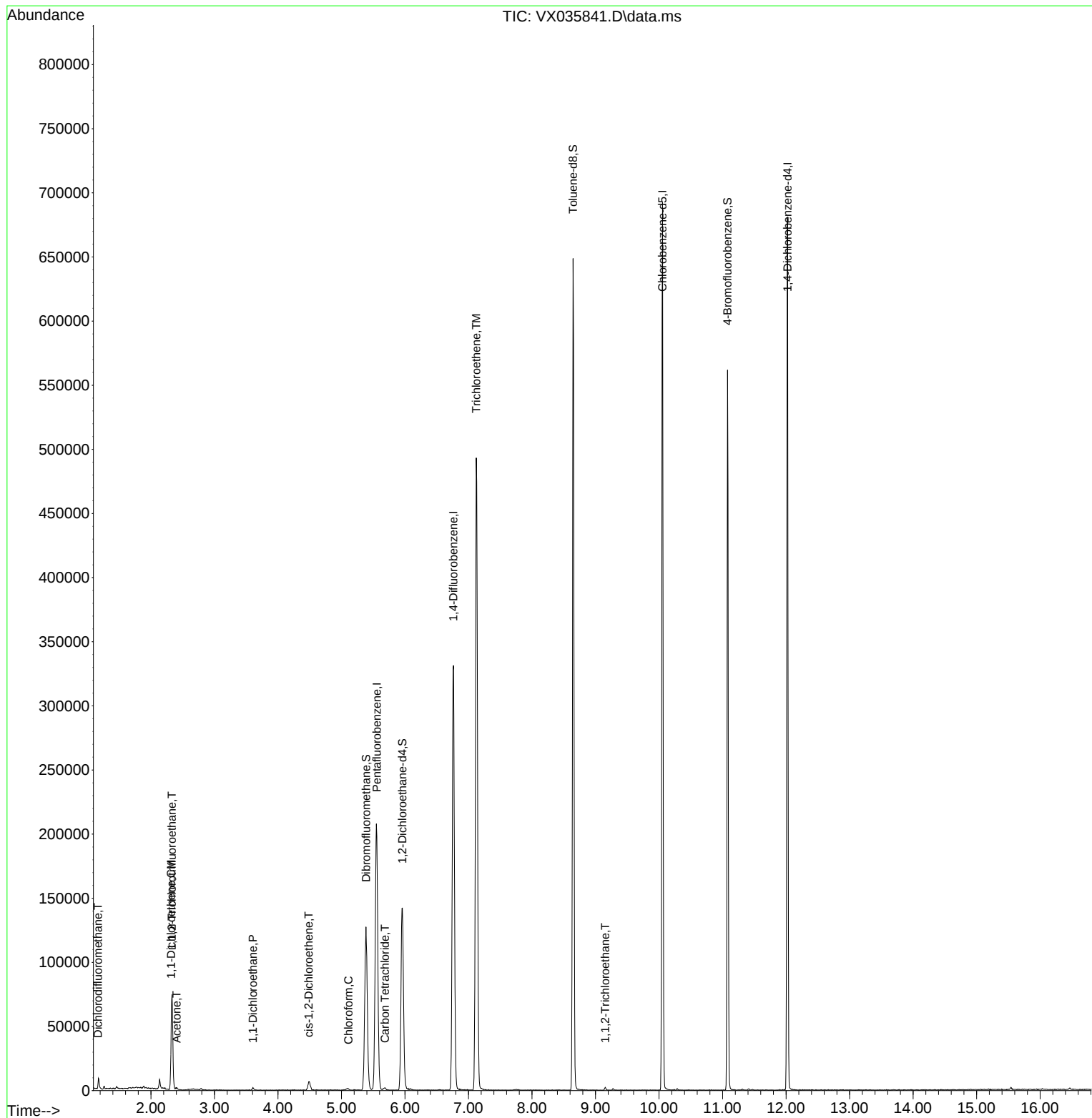
Internal Standards						
1) Pentafluorobenzene	5.556	168	189458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	332727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140184	42.414	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.820%		
35) Dibromofluoromethane	5.385	113	106916	47.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.647	98	367040	44.278	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.560%#		
62) 4-Bromofluorobenzene	11.079	95	144709	43.356	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.720%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1185	0.480	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	2.331	101	27851	12.546	ug/l	96
12) 1,1-Dichloroethene	2.319	96	2156	1.022	ug/l #	86
16) Acetone	2.404	43	1887	1.328	ug/l	95
24) 1,1-Dichloroethane	3.605	63	1946	0.411	ug/l #	94
27) cis-1,2-Dichloroethene	4.483	96	3962	1.426	ug/l	88
30) Chloroform	5.111	83	1553	0.320	ug/l #	77
38) Carbon Tetrachloride	5.684	117	1495	0.446	ug/l #	77
44) Trichloroethene	7.123	130	186627	74.282	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	752	0.306	ug/l #	68

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

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

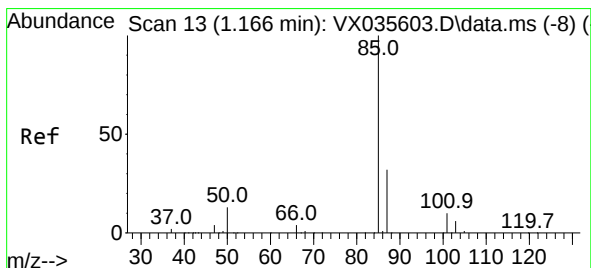
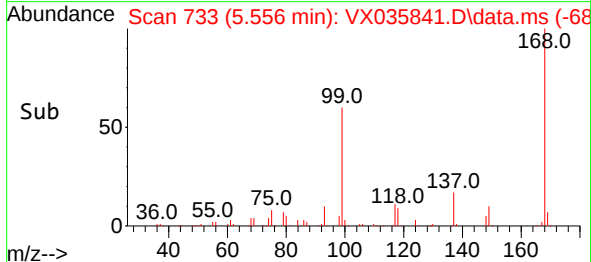
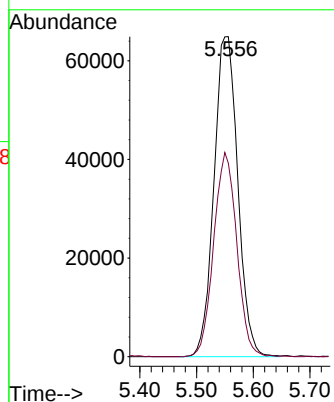
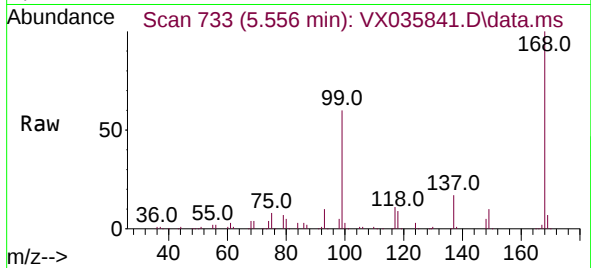




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

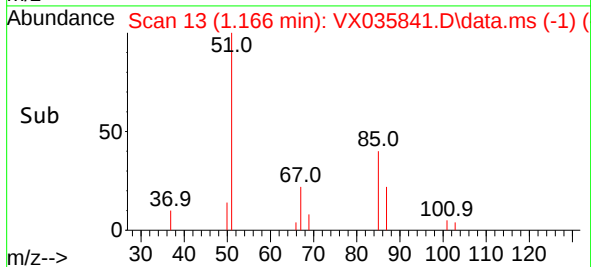
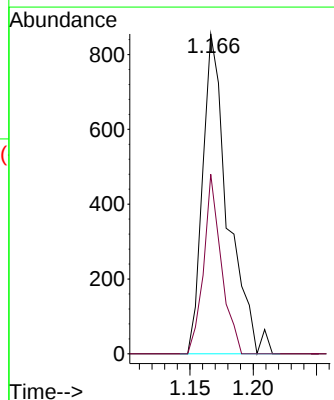
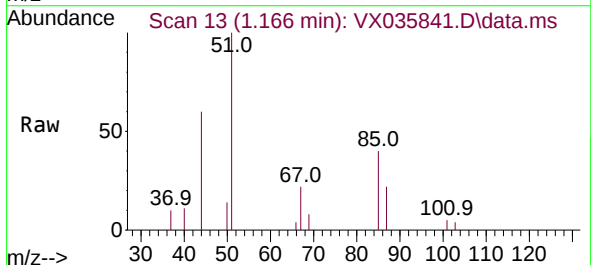
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20230522

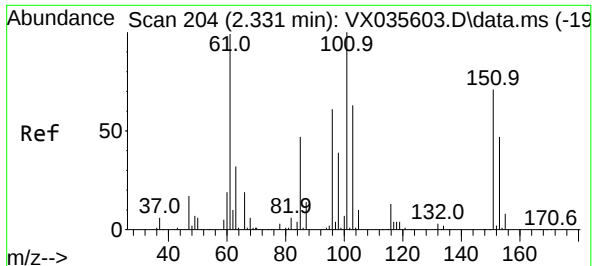
Tgt Ion:168 Resp: 189458
Ion Ratio Lower Upper
168 100
99 60.4 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.480 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

Tgt Ion: 85 Resp: 1185
Ion Ratio Lower Upper
85 100
87 56.1 16.4 49.1#

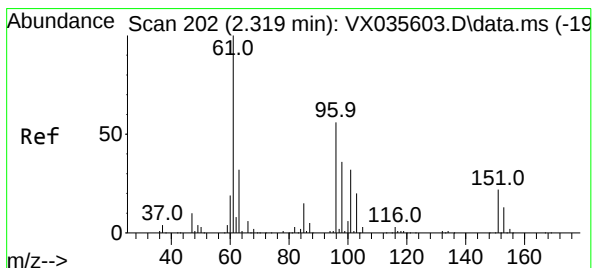
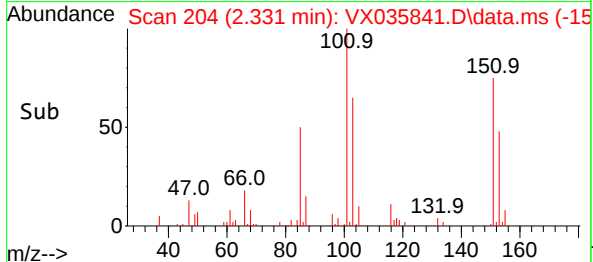
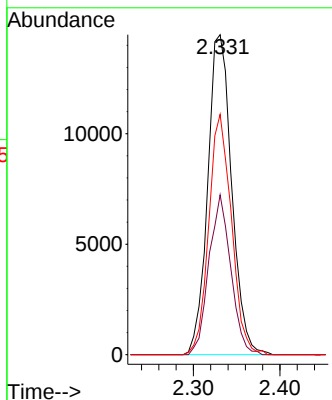
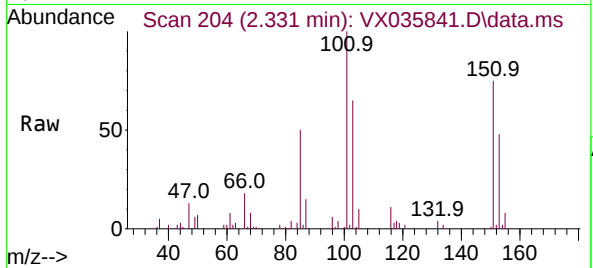




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.546 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX035841.D
 Acq: 24 May 2023 17:11

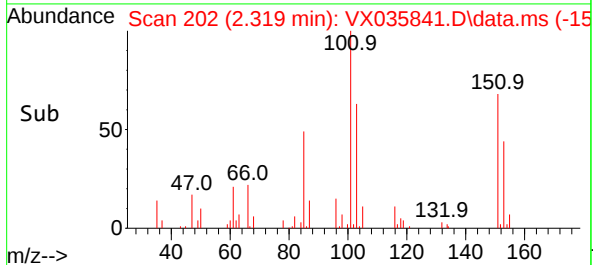
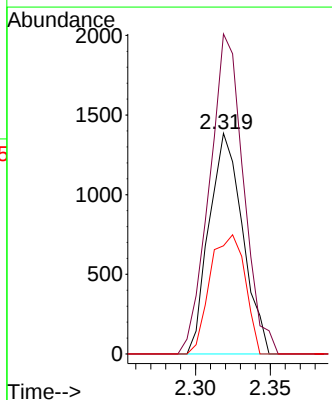
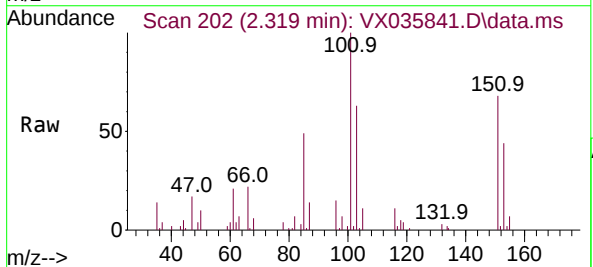
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20230522

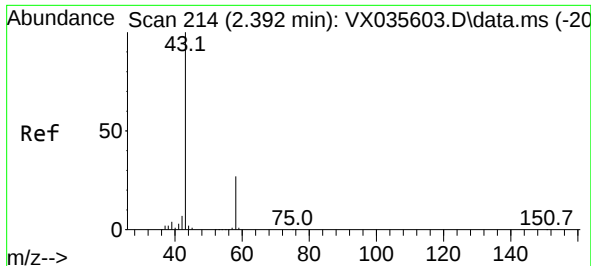
Tgt Ion:101 Resp: 27851
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.4 53.2
 151 71.1 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 1.022 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX035841.D
 Acq: 24 May 2023 17:11

Tgt Ion: 96 Resp: 2156
 Ion Ratio Lower Upper
 96 100
 61 145.1 128.8 193.2
 98 49.0 51.4 77.0#

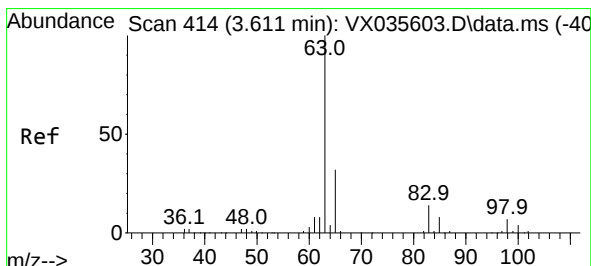
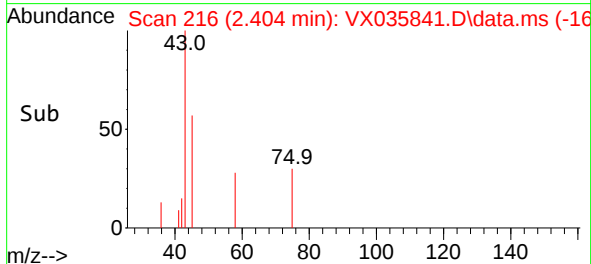
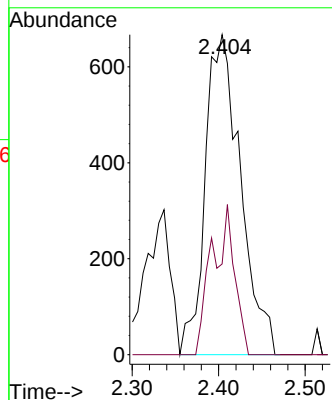
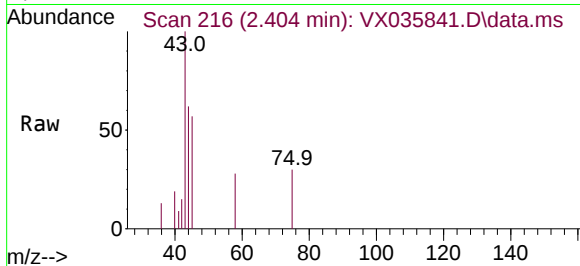




#16
Acetone
Concen: 1.328 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

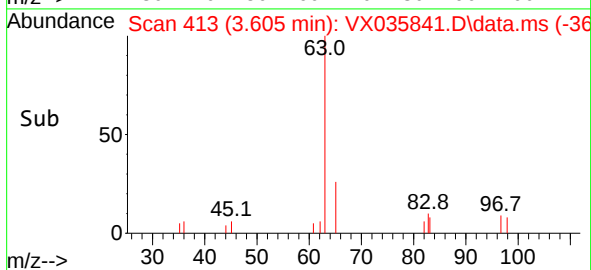
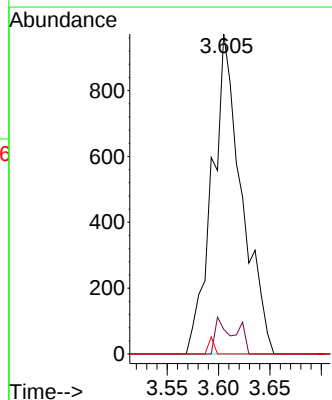
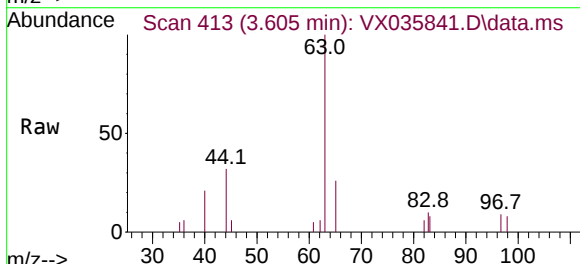
Instrument :
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RE114D2-20230522

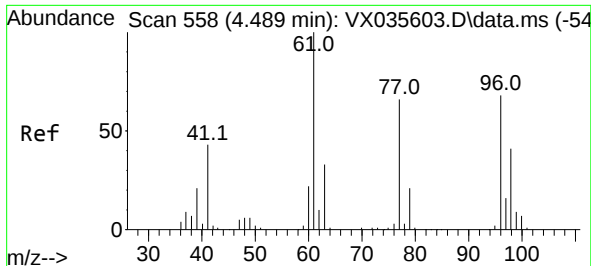
Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 28.3 24.7 37.1



#24
1,1-Dichloroethane
Concen: 0.411 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

Tgt Ion: 63 Resp: 1946
Ion Ratio Lower Upper
63 100
98 7.7 3.8 11.2
100 0.0 2.4 7.1#





#27

cis-1,2-Dichloroethene

Concen: 1.426 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035841.D

Acq: 24 May 2023 17:11

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20230522

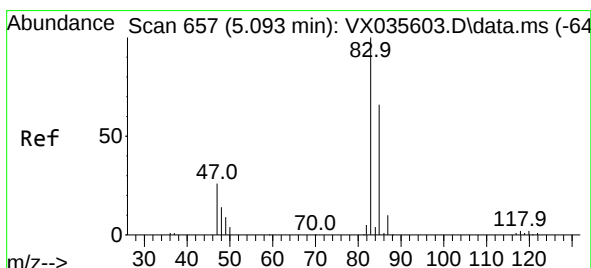
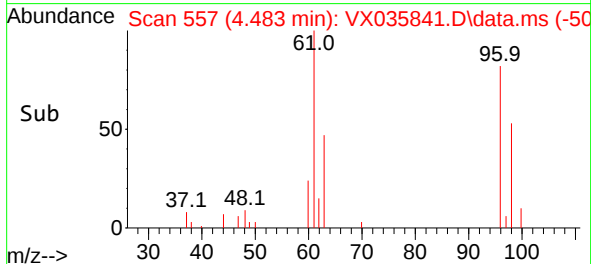
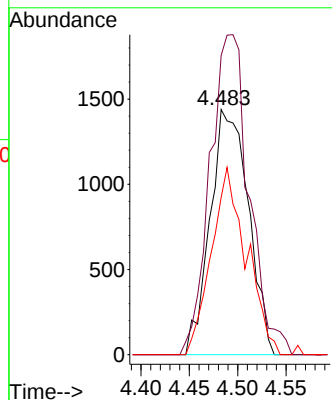
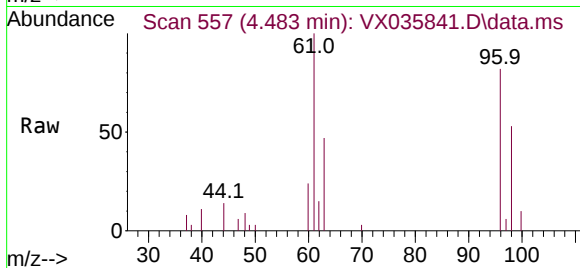
Tgt Ion: 96 Resp: 3962

Ion Ratio Lower Upper

96 100

61 133.2 0.0 300.4

98 70.2 0.0 129.0



#30

Chloroform

Concen: 0.320 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.018 min

Lab File: VX035841.D

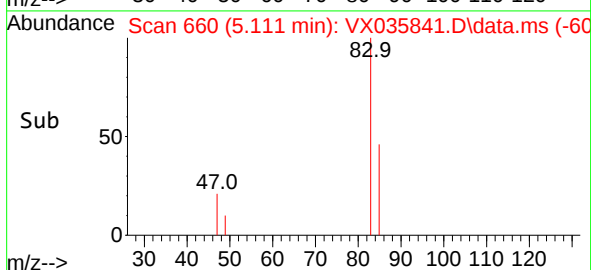
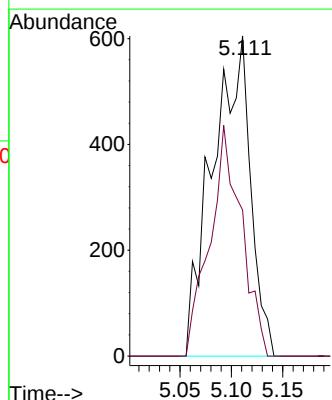
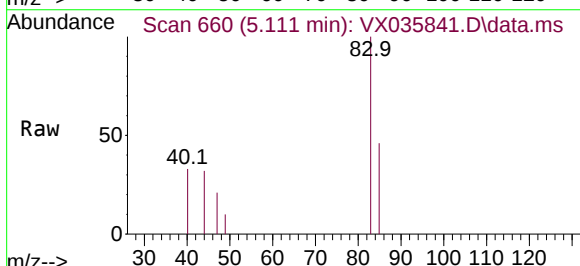
Acq: 24 May 2023 17:11

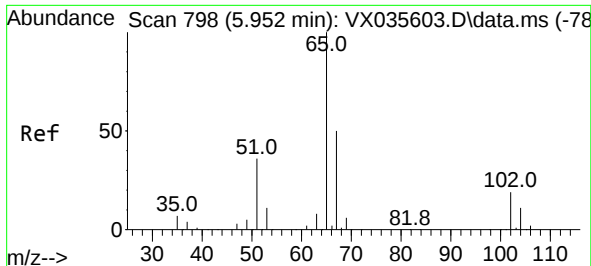
Tgt Ion: 83 Resp: 1553

Ion Ratio Lower Upper

83 100

85 45.6 50.6 76.0#





#33

1,2-Dichloroethane-d4

Concen: 42.414 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035841.D

Acq: 24 May 2023 17:11

Instrument :

MSVOA_X

ClientSampleId :

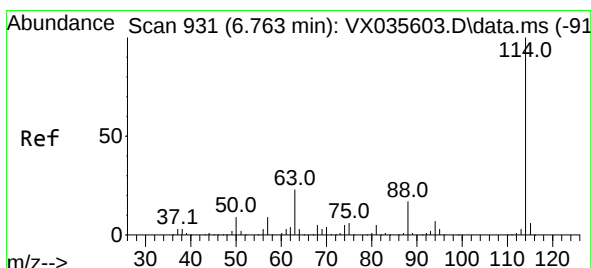
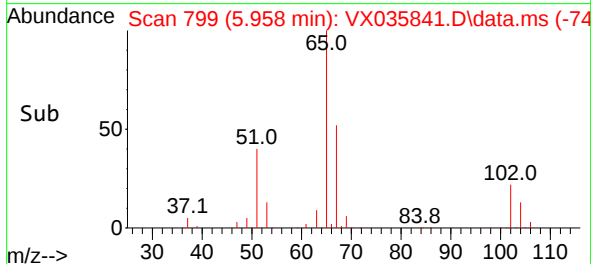
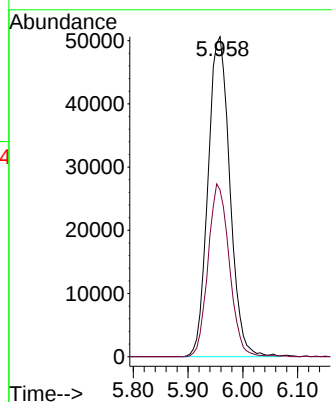
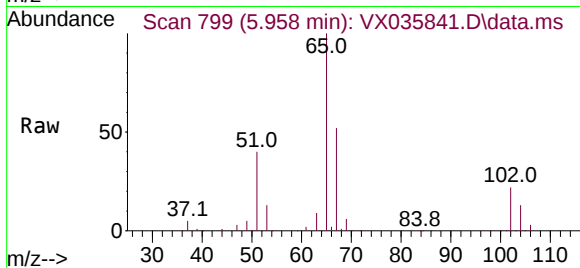
RE114D2-20230522

Tgt Ion: 65 Resp: 140184

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035841.D

Acq: 24 May 2023 17:11

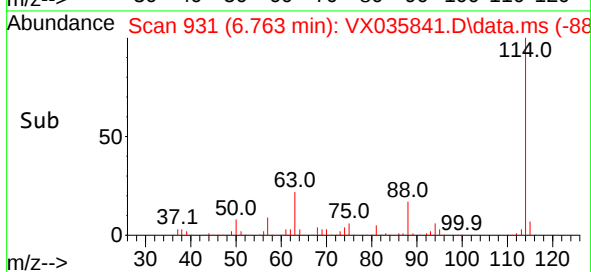
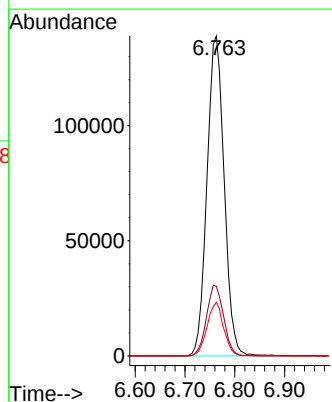
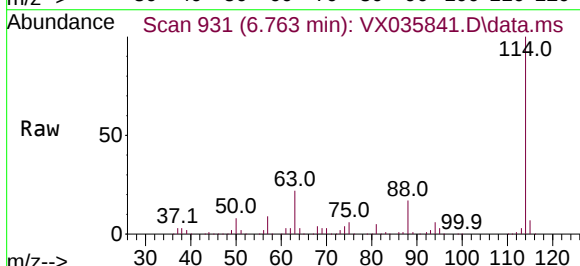
Tgt Ion: 114 Resp: 332727

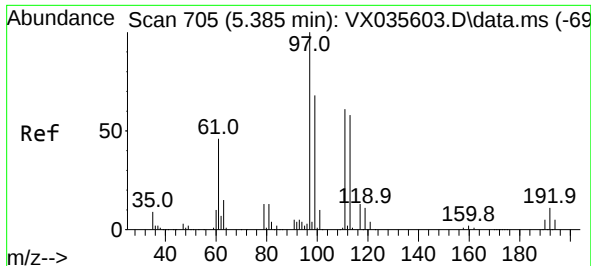
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.2

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.647 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035841.D

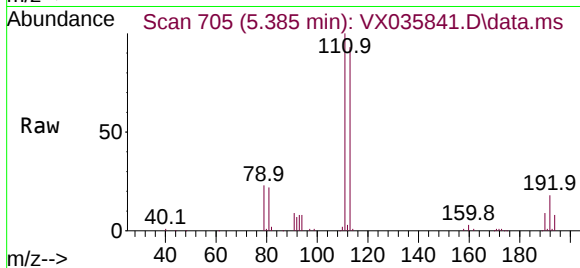
Acq: 24 May 2023 17:11

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20230522



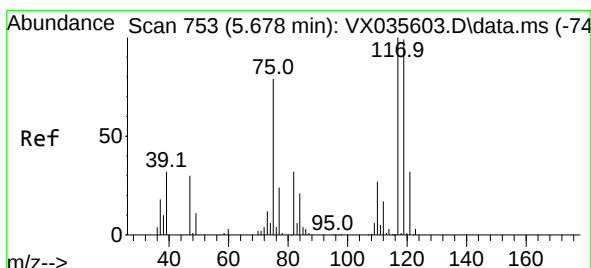
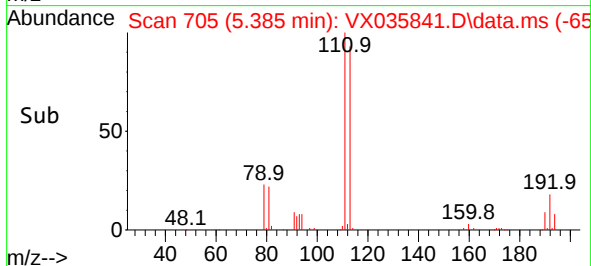
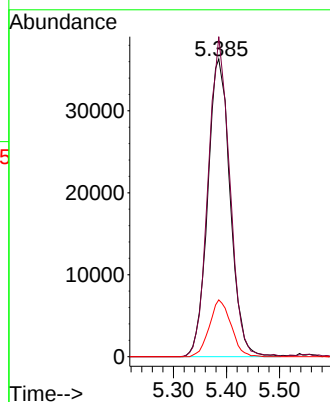
Tgt Ion:113 Resp: 106916

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

192 18.4 15.4 23.2



#38

Carbon Tetrachloride

Concen: 0.446 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX035841.D

Acq: 24 May 2023 17:11

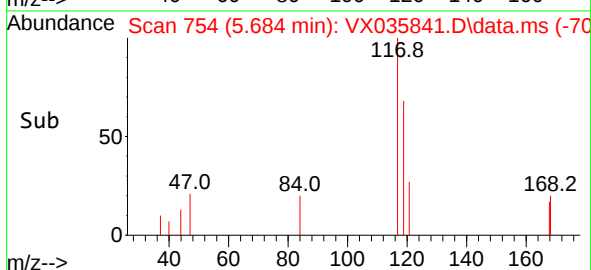
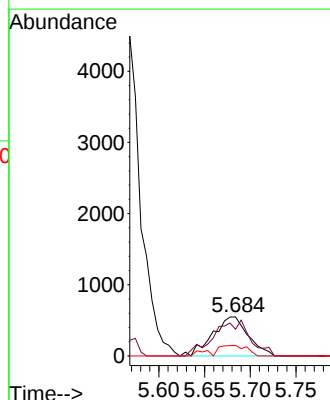
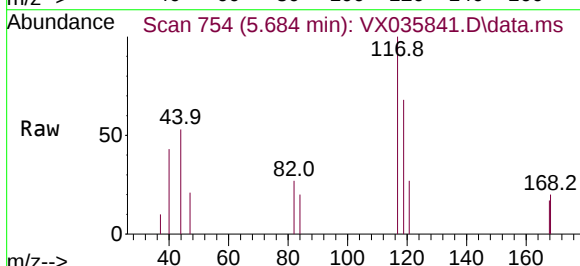
Tgt Ion:117 Resp: 1495

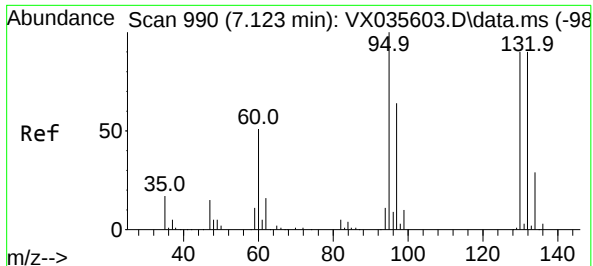
Ion Ratio Lower Upper

117 100

119 68.3 76.6 114.8#

121 27.0 23.8 35.6

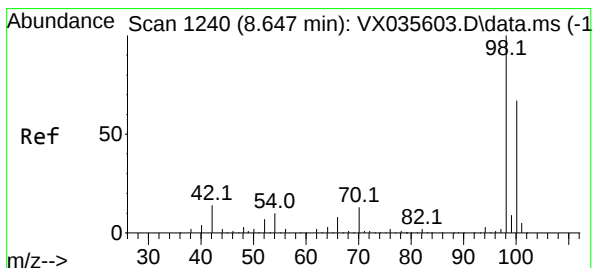
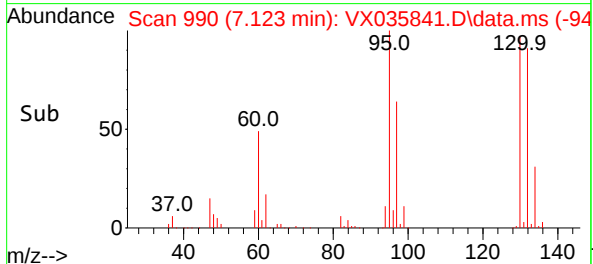
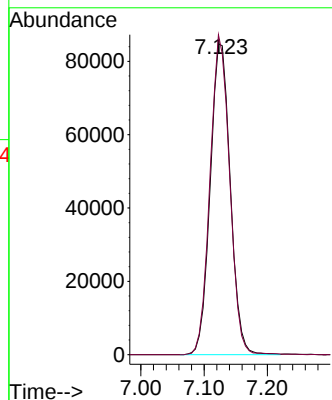
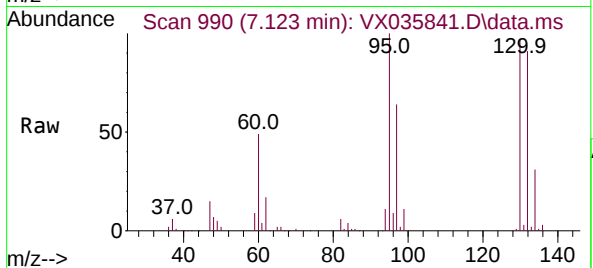




#44
Trichloroethene
Concen: 74.282 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

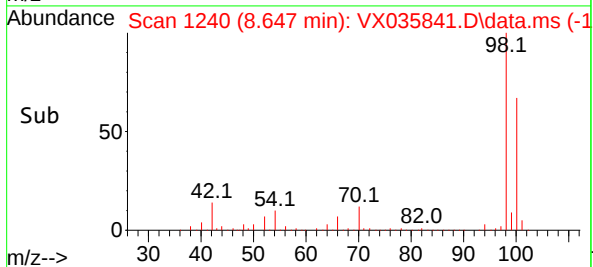
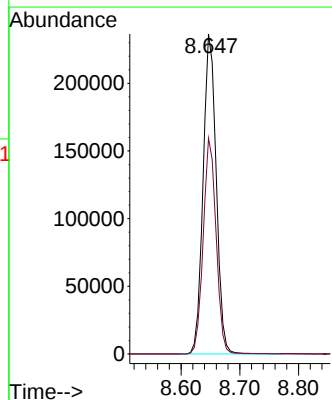
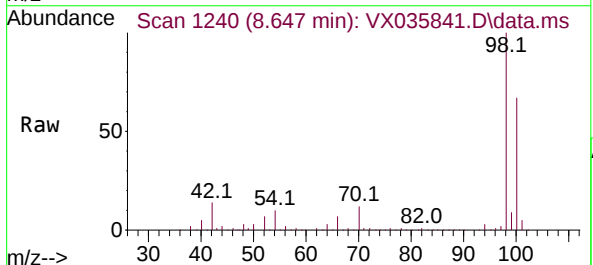
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20230522

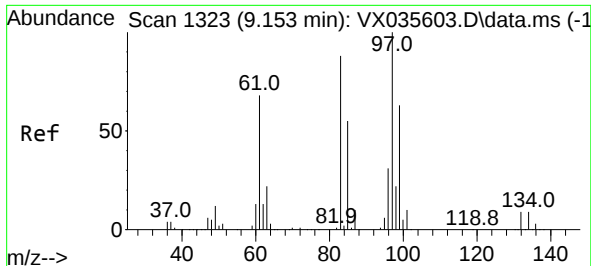
Tgt Ion:130 Resp: 186627
Ion Ratio Lower Upper
130 100
95 102.9 0.0 198.4



#50
Toluene-d8
Concen: 44.278 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

Tgt Ion: 98 Resp: 367040
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7

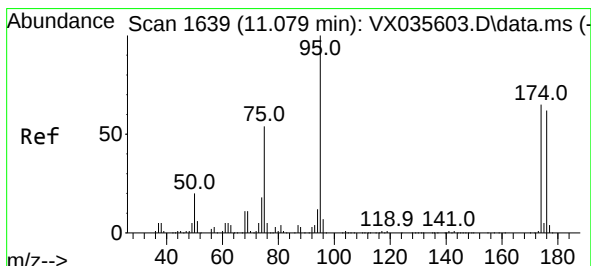
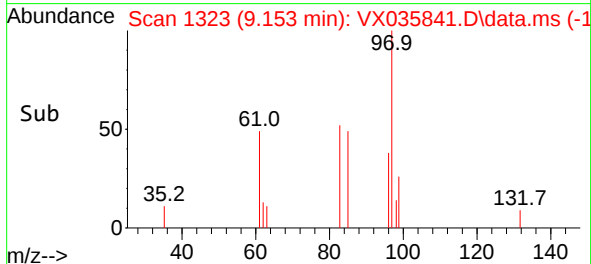
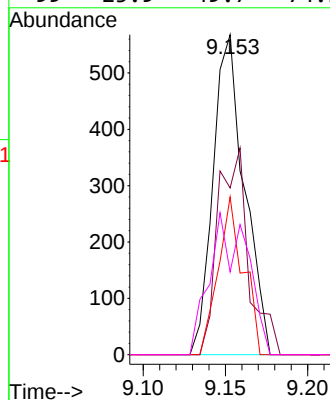
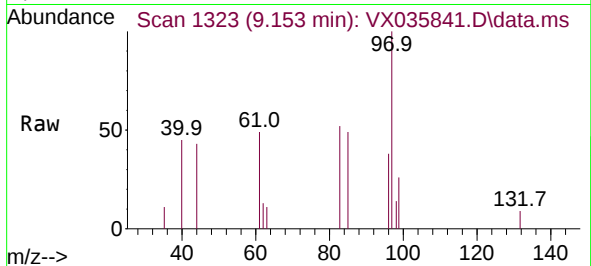




#55
1,1,2-Trichloroethane
Concen: 0.306 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

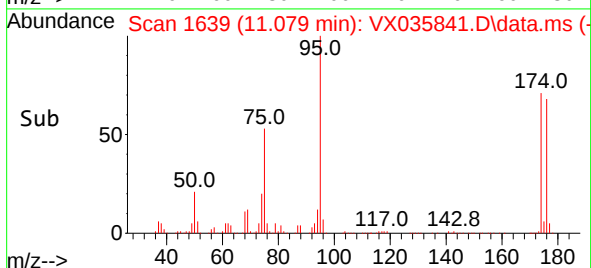
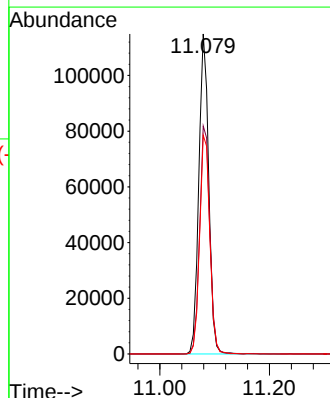
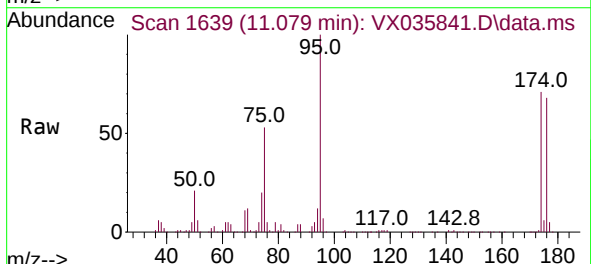
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20230522

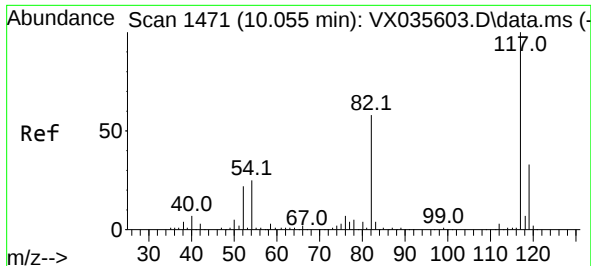
Tgt Ion:	97	Resp:	752
Ion	Ratio	Lower	Upper
97	100		
83	52.1	69.7	104.5#
85	49.3	43.7	65.5
99	25.9	49.7	74.5#



#62
4-Bromofluorobenzene
Concen: 43.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

Tgt Ion:	95	Resp:	144709
Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	147.4
176	70.2	0.0	140.6

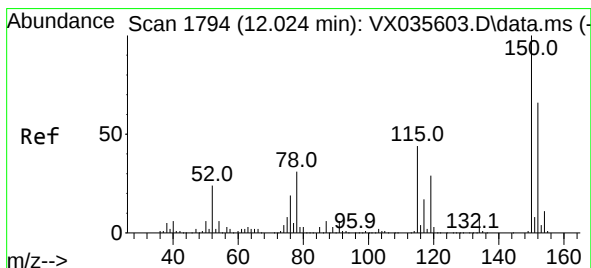
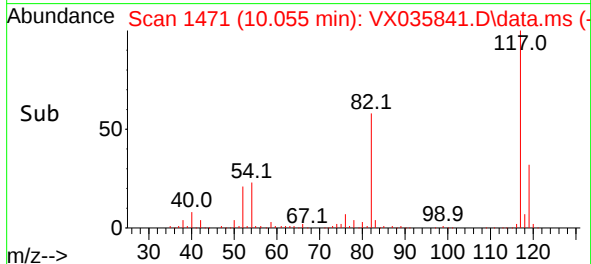
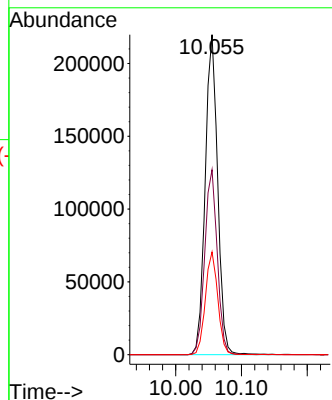
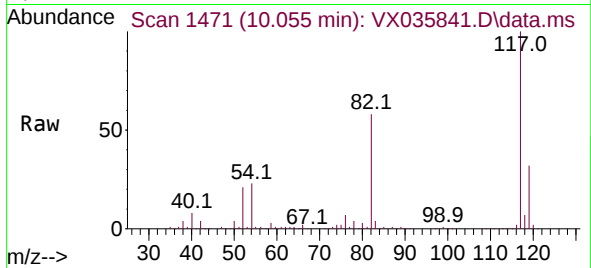




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20230522

Tgt Ion:117 Resp: 289533
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035841.D
Acq: 24 May 2023 17:11

Tgt Ion:152 Resp: 138277
Ion Ratio Lower Upper
152 100
115 62.6 45.0 135.0
150 157.4 0.0 352.4

