

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037035.D
 Acq On : 17 Aug 2023 03:13
 Operator : JC/MD
 Sample : VX0816MBL03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBL02

Quant Time: Aug 17 05:08:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

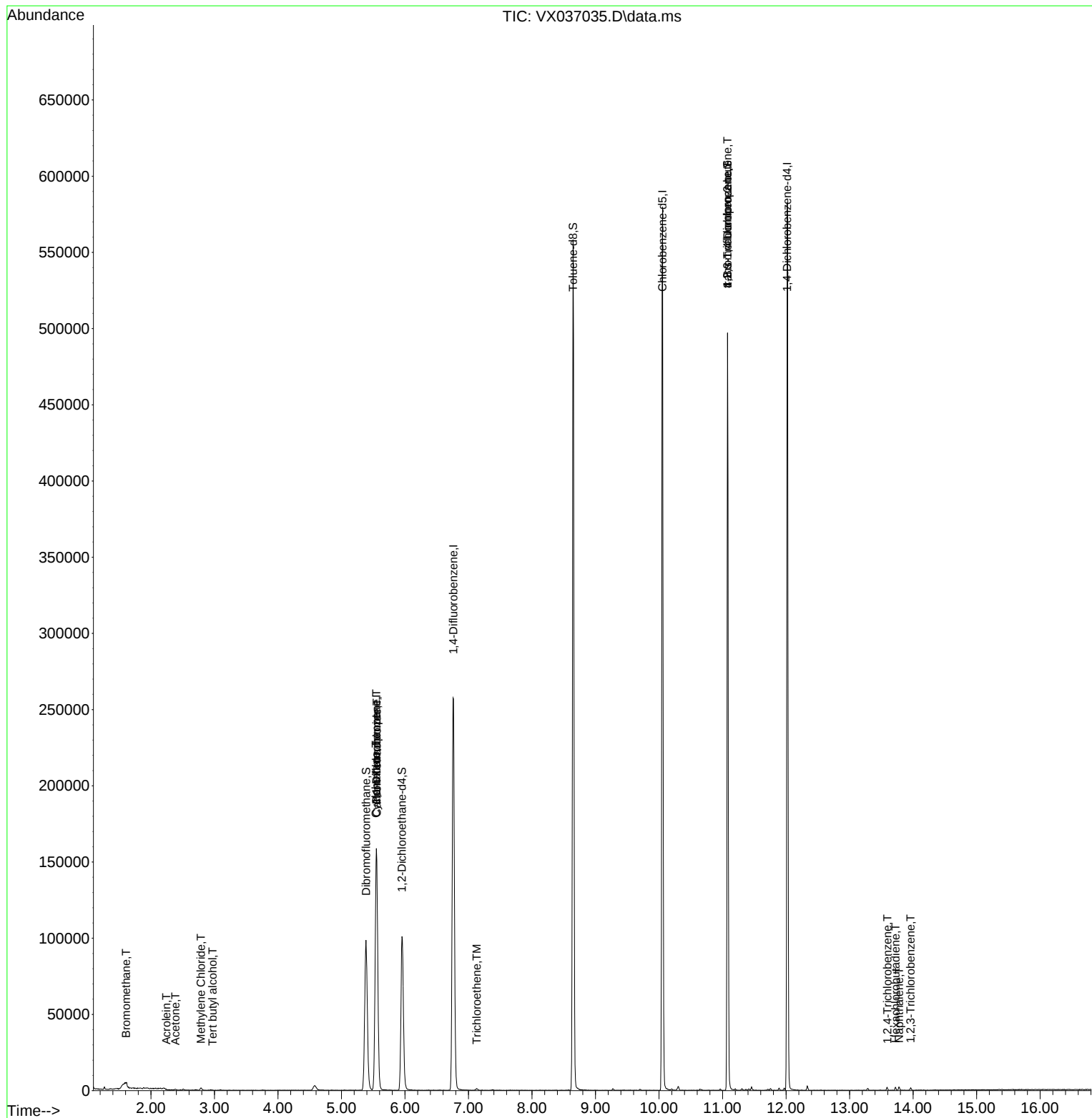
Internal Standards						
1) Pentafluorobenzene	5.549	168	146043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272951	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	117910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103103	47.713	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.420%		
35) Dibromofluoromethane	5.385	113	85656	45.656	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.320%		
50) Toluene-d8	8.646	98	329652	49.548	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.100%		
62) 4-Bromofluorobenzene	11.079	95	132227	52.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.360%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	232	0.218	ug/l #	53
11) Tert butyl alcohol	2.971	59	264	0.516	ug/l #	78
13) Acrolein	2.239	56	72	0.247	ug/l #	1
16) Acetone	2.385	43	716	0.798	ug/l	97
20) Methylene Chloride	2.788	84	869	0.436	ug/l #	88
31) Cyclohexane	5.543	56	3262	1.090	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	11957	4.276	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15940	5.362	ug/l #	14
44) Trichloroethene	7.128	130	433	0.204	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	68850	24.825	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68850	56.268	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	690	0.282	ug/l	85
94) Hexachlorobutadiene	13.725	225	398	0.393	ug/l	90
95) Naphthalene	13.780	128	1992	0.234	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	517	0.214	ug/l	88

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

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Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL02

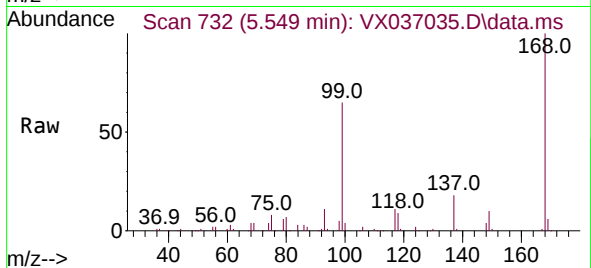
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



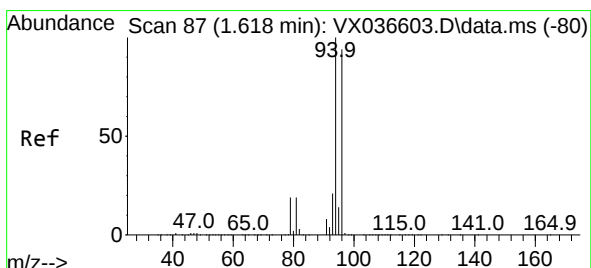
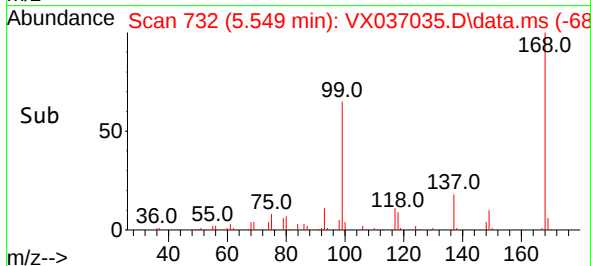
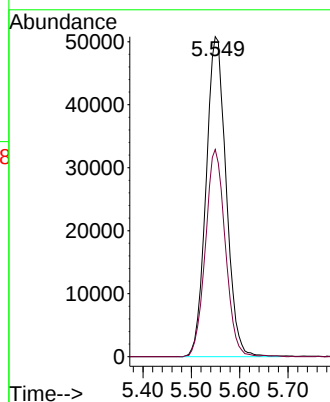


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL02

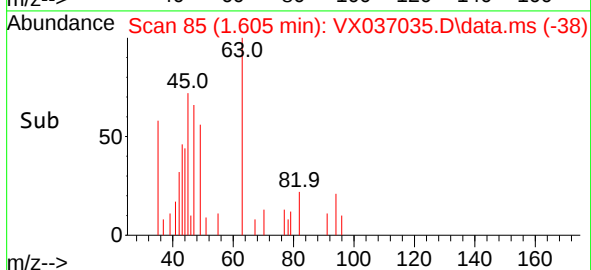
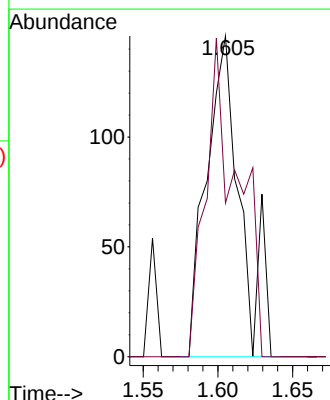
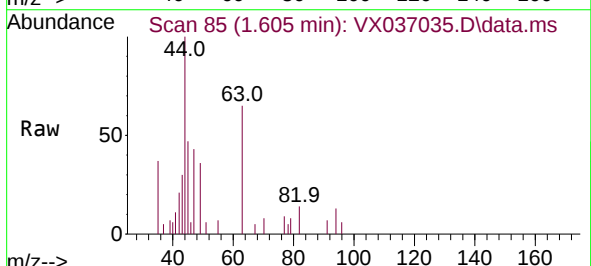


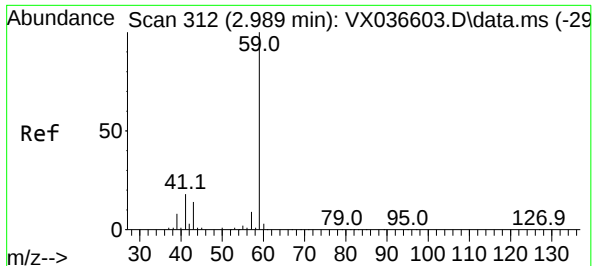
Tgt Ion:168 Resp: 146043
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 47.9 74.6 111.8#





#11

Tert butyl alcohol

Concen: 0.516 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.019 min

Lab File: VX037035.D

Acq: 17 Aug 2023 03:13

Instrument :

MSVOA_X

ClientSampleId :

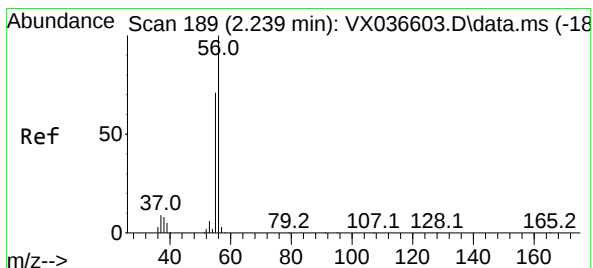
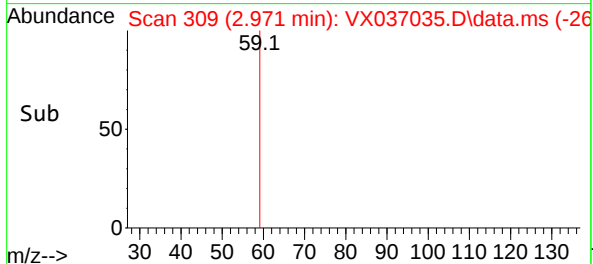
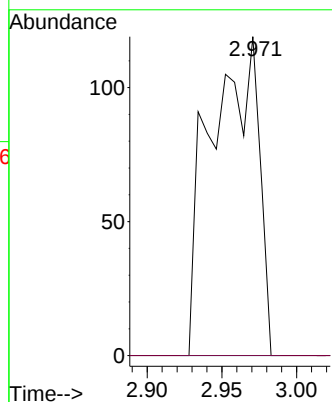
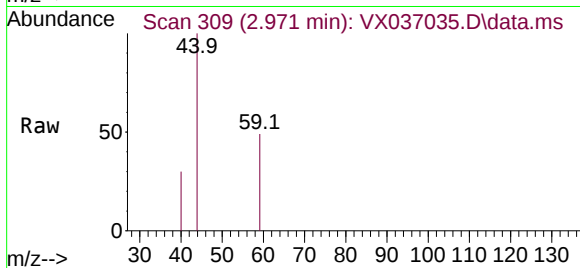
VX0816MBL02

Tgt Ion: 59 Resp: 264

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.247 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037035.D

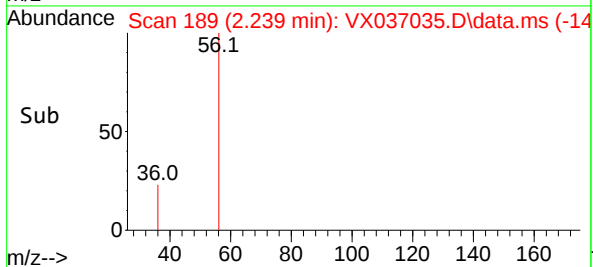
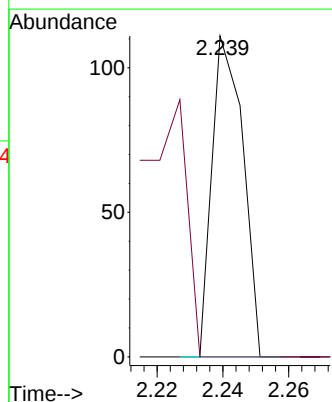
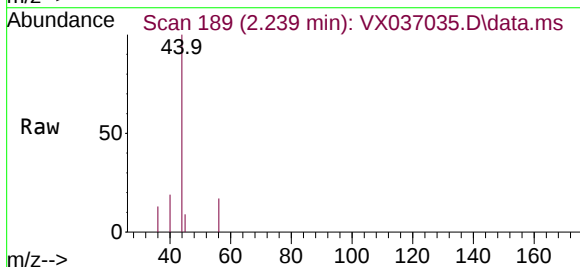
Acq: 17 Aug 2023 03:13

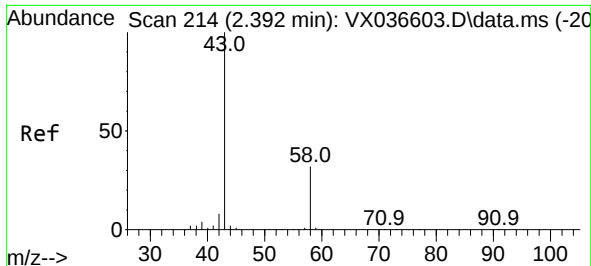
Tgt Ion: 56 Resp: 72

Ion Ratio Lower Upper

56 100

55 173.6 57.1 85.7#

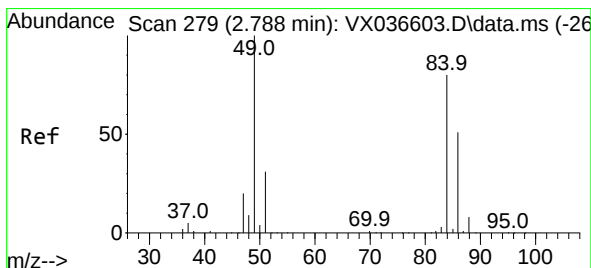
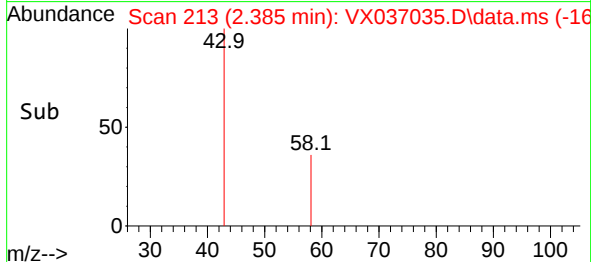
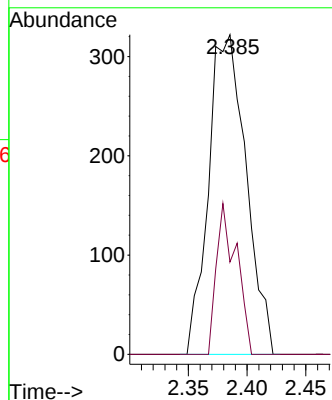
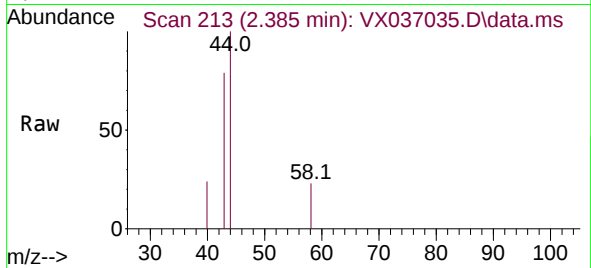




#16
Acetone
Concen: 0.798 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

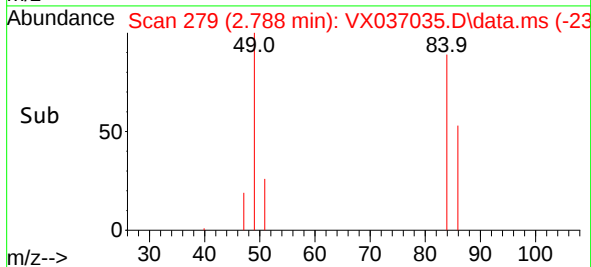
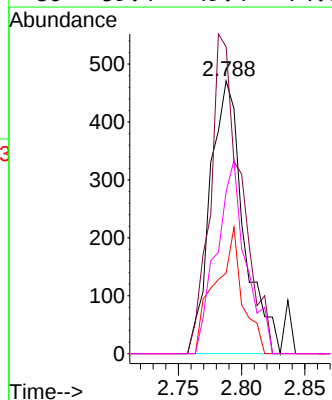
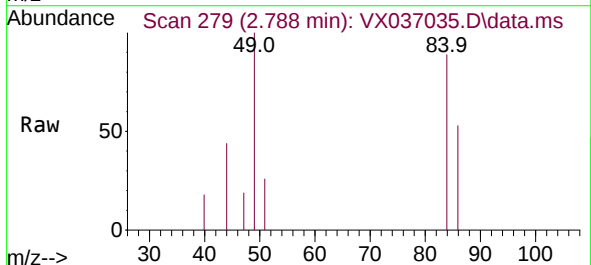
Instrument :
MSVOA_X
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VX0816MBL02

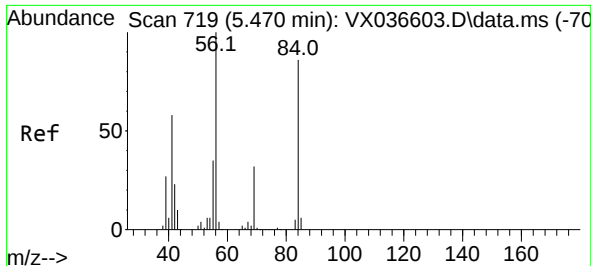
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 28.9 21.9 32.9



#20
Methylene Chloride
Concen: 0.436 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

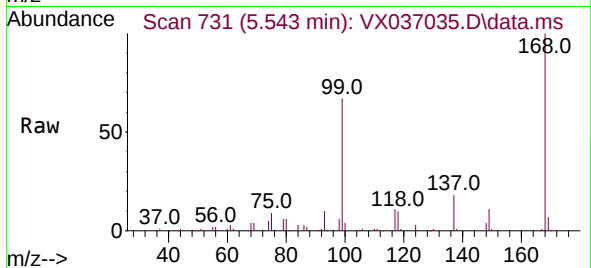
Tgt Ion: 84 Resp: 869
Ion Ratio Lower Upper
84 100
49 112.5 103.6 155.4
51 29.5 33.8 50.6#
86 59.4 49.4 74.0



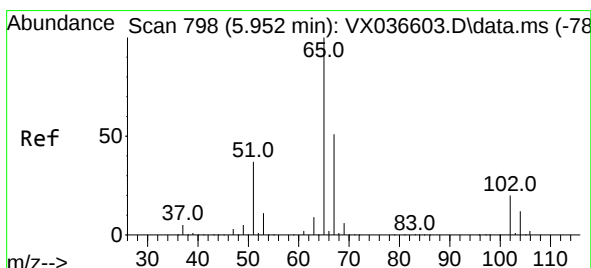
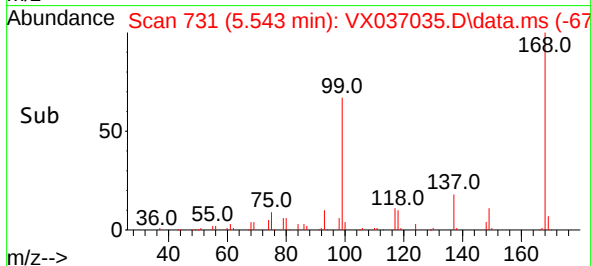
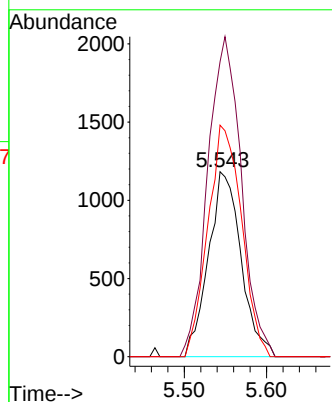


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL02

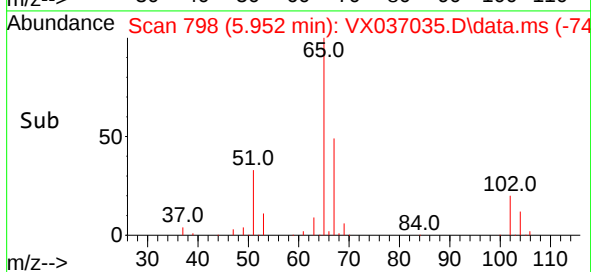
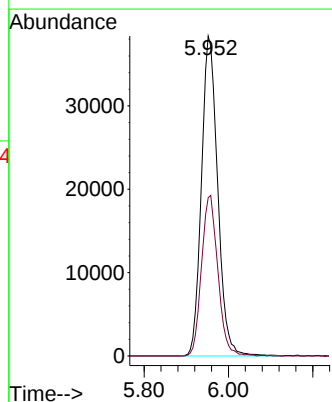
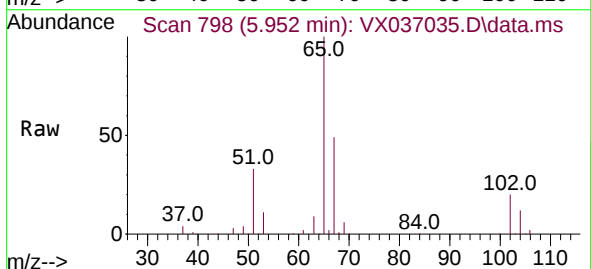


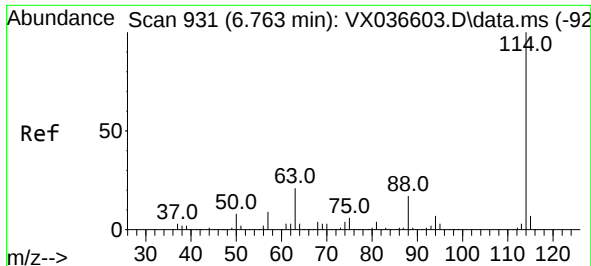
Tgt Ion: 56 Resp: 3262
Ion Ratio Lower Upper
56 100
69 159.3 23.4 35.2#
84 125.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.713 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion: 65 Resp: 103103
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

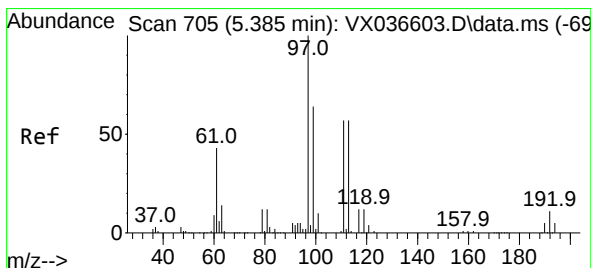
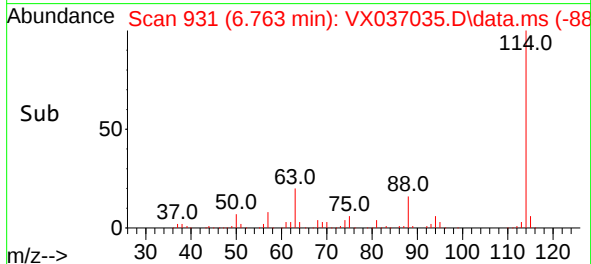
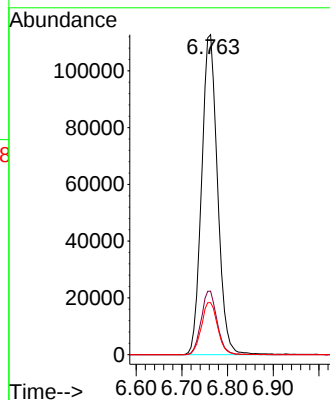
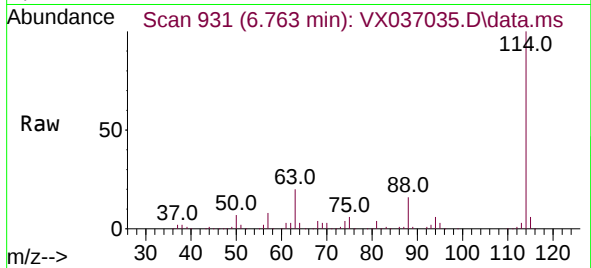




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

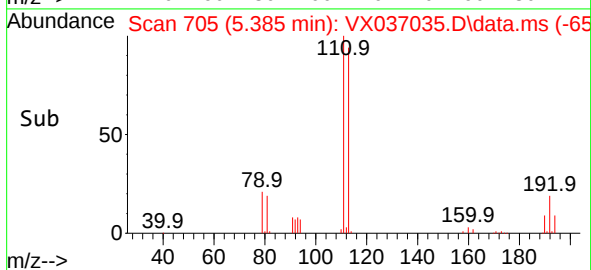
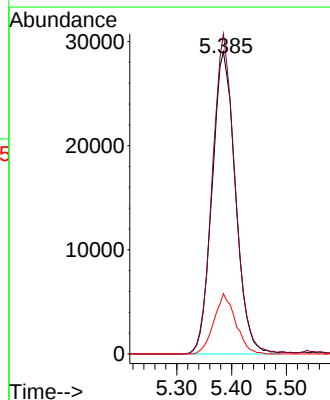
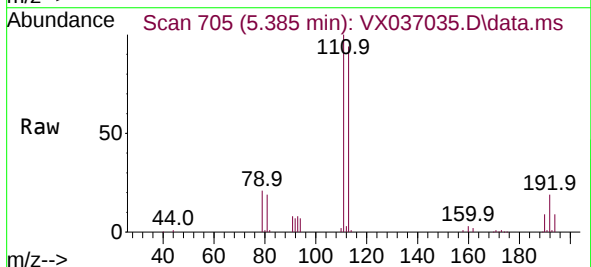
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ClientSampleId :
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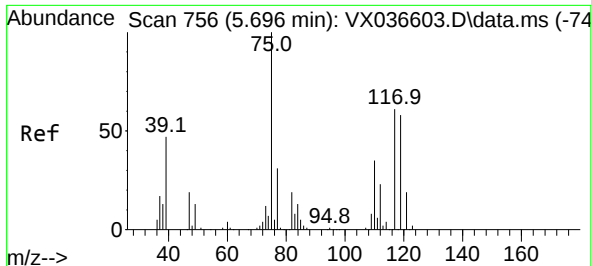
Tgt Ion:114 Resp: 272951
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.656 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion:113 Resp: 85656
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 13.3 19.9

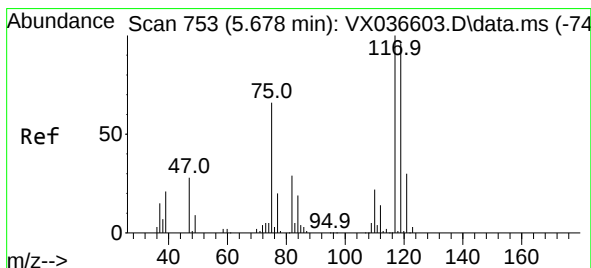
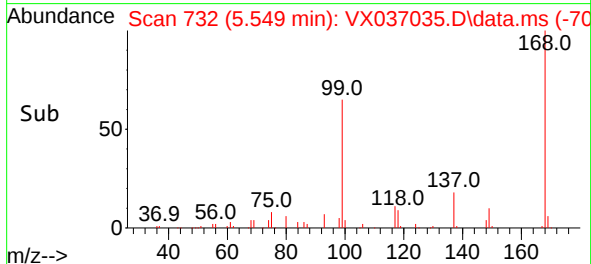
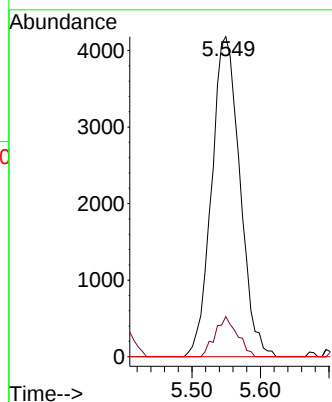
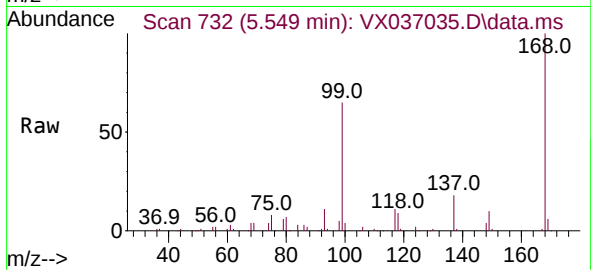




#36
1,1-Dichloropropene
Concen: 4.276 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

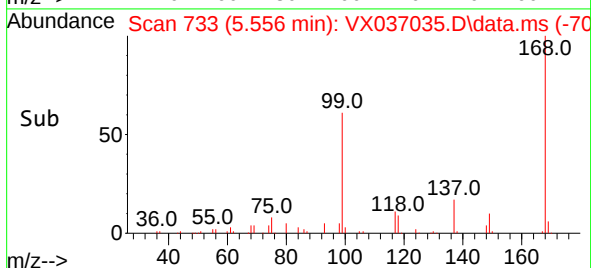
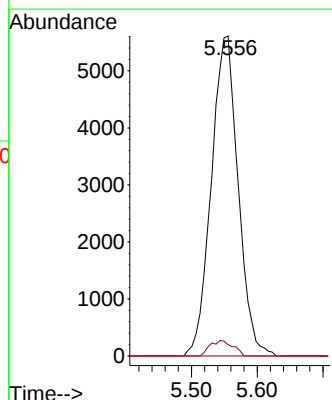
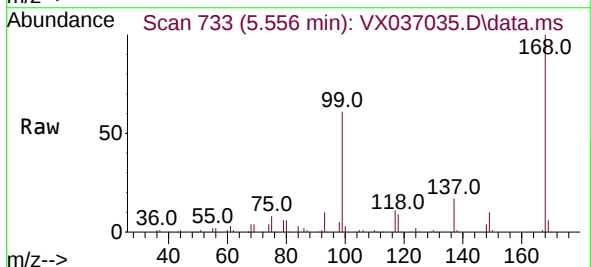
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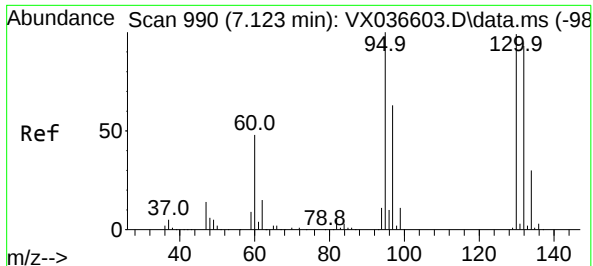
Tgt Ion: 75 Resp: 11957
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion: 117 Resp: 15940
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

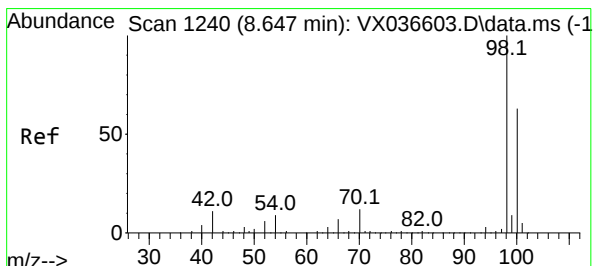
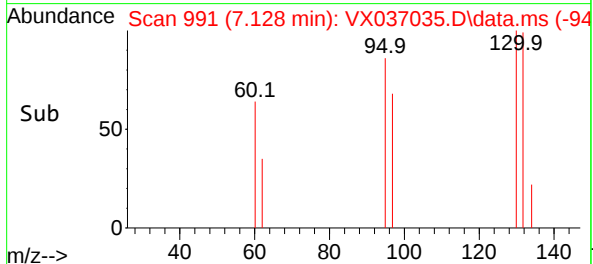
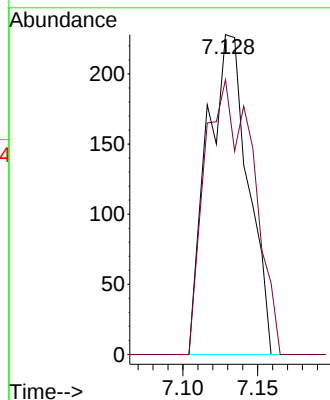
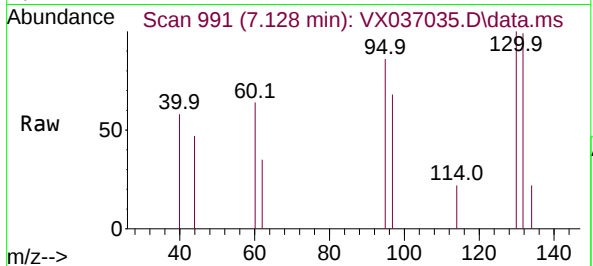




#44
Trichloroethene
Concen: 0.204 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

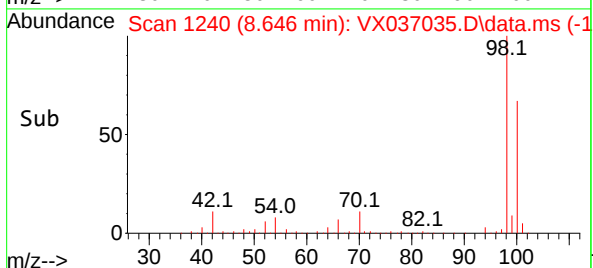
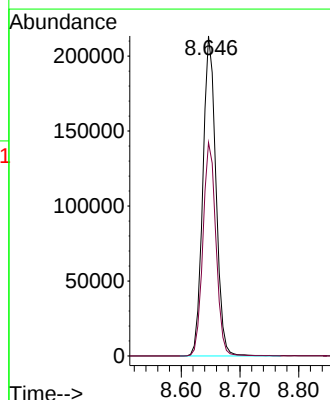
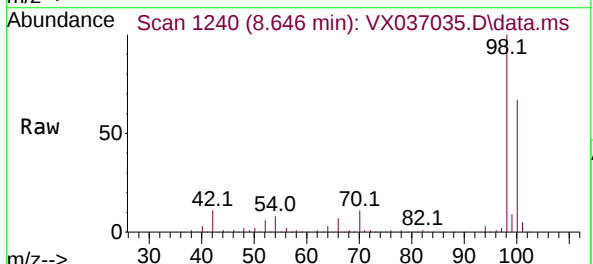
Instrument :
MSVOA_X
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VX0816MBL02

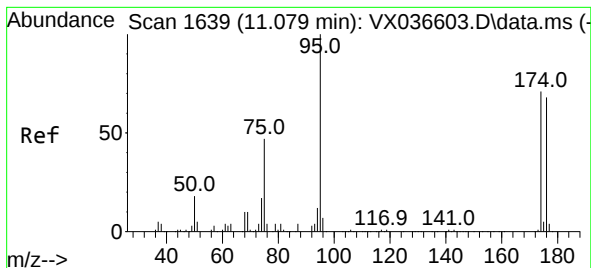
Tgt Ion:130 Resp: 433
Ion Ratio Lower Upper
130 100
95 86.0 0.0 204.4



#50
Toluene-d8
Concen: 49.548 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion: 98 Resp: 329652
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

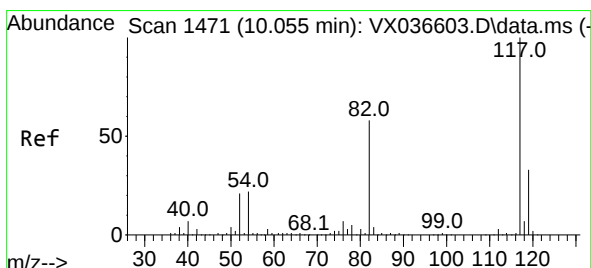
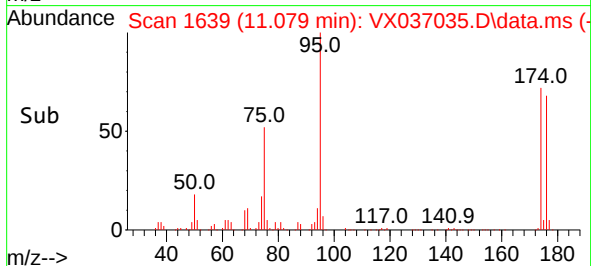
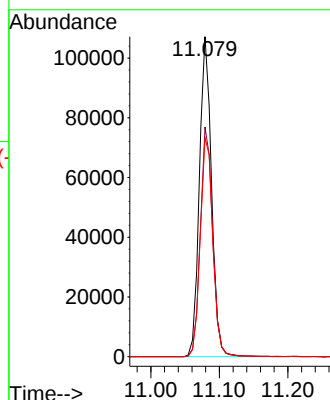
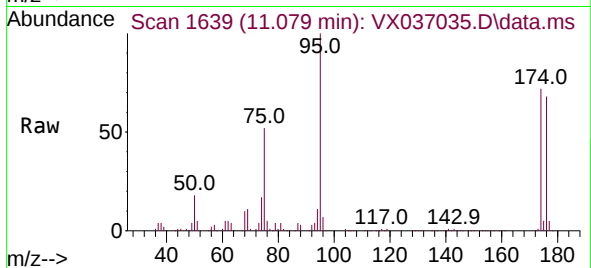




#62
4-Bromofluorobenzene
Concen: 52.678 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

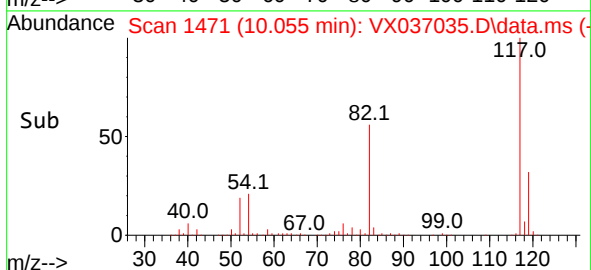
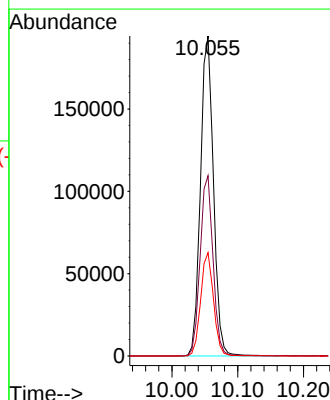
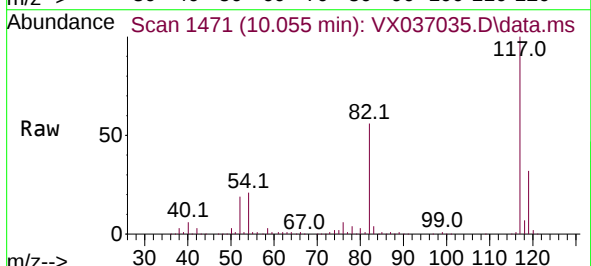
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL02

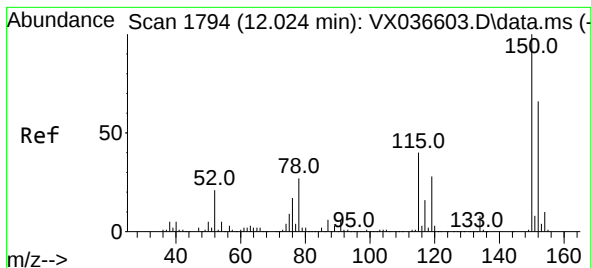
Tgt Ion: 95 Resp: 132227
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 70.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion: 117 Resp: 266141
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.3 25.5 38.3

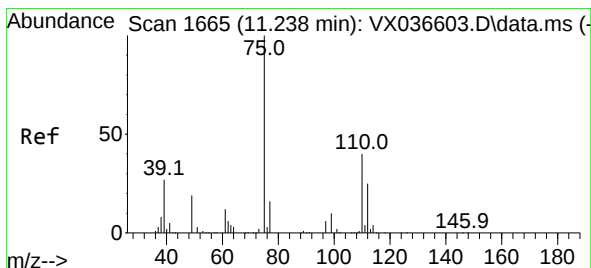
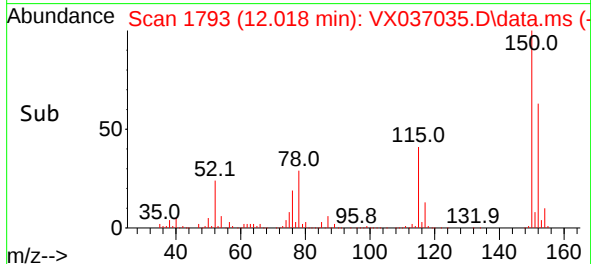
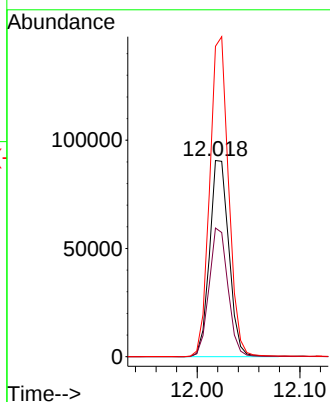
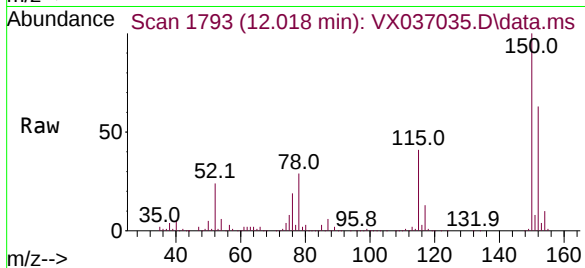




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

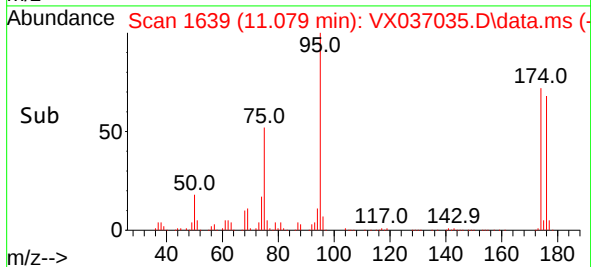
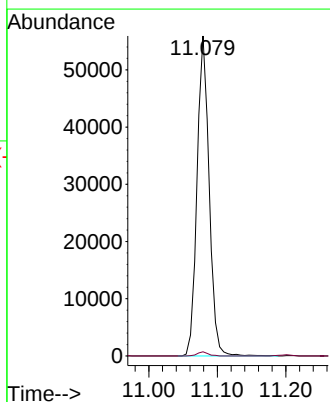
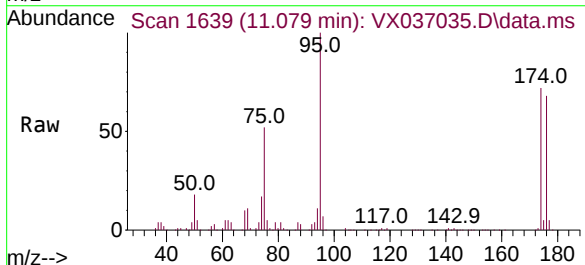
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL02

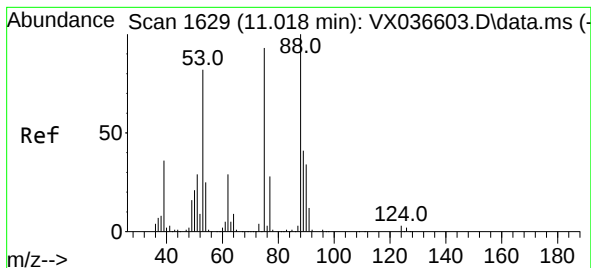
Tgt Ion:152 Resp: 117910
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 160.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion: 75 Resp: 68850
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

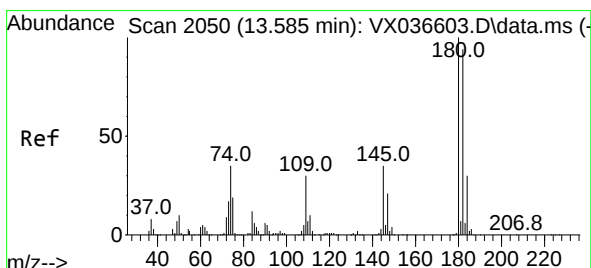
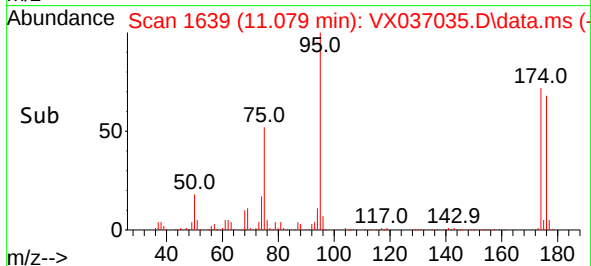
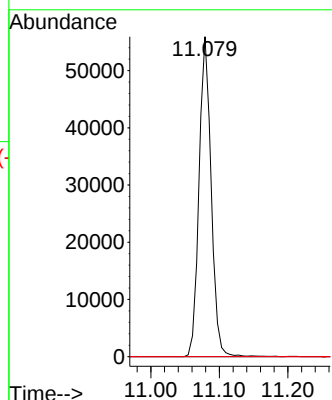
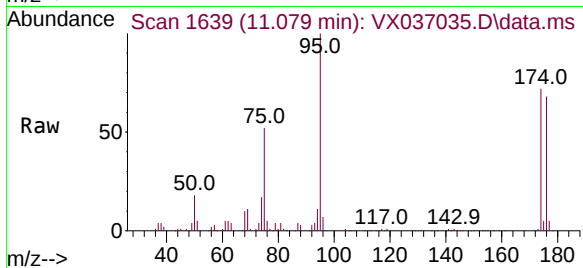




#81
trans-1,4-Dichloro-2-butene
Concen: 56.268 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

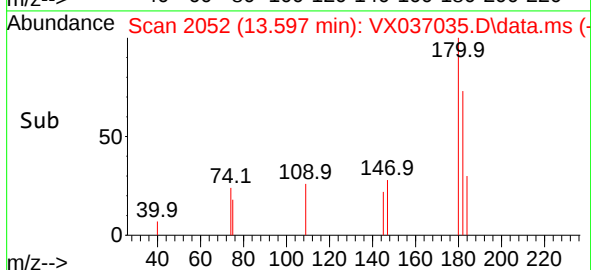
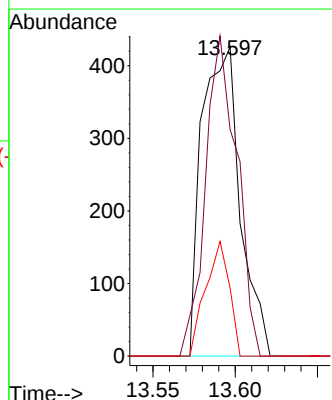
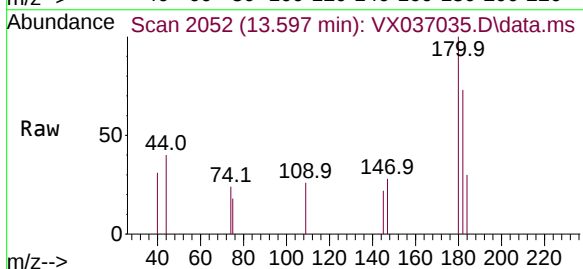
Instrument :
MSVOA_X
ClientSampleId :
VX0816MBL02

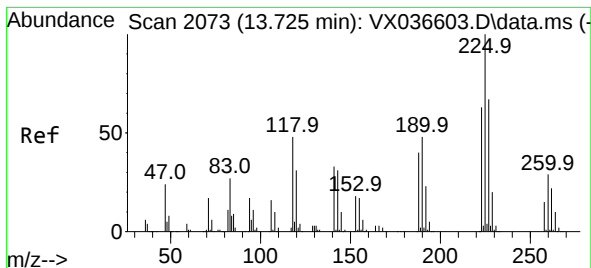
Tgt Ion: 75 Resp: 68850
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.282 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX037035.D
Acq: 17 Aug 2023 03:13

Tgt Ion:180 Resp: 690
Ion Ratio Lower Upper
180 100
182 85.1 48.3 144.8
145 22.9 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.393 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037035.D

Acq: 17 Aug 2023 03:13

Instrument :

MSVOA_X

ClientSampleId :

VX0816MBL02

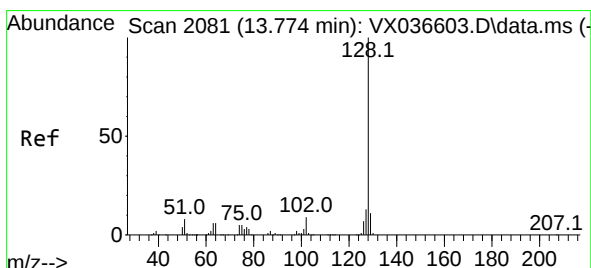
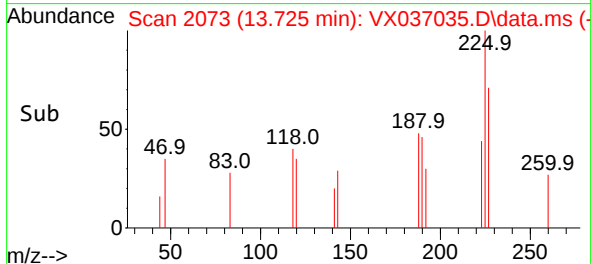
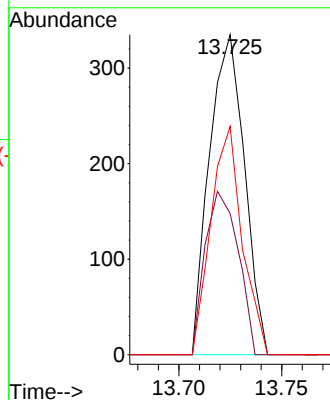
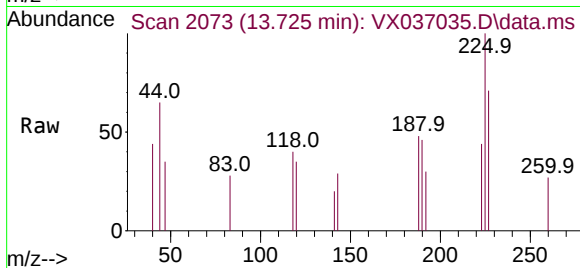
Tgt Ion:225 Resp: 398

Ion Ratio Lower Upper

225 100

223 48.0 31.1 93.2

227 63.6 32.5 97.5



#95

Naphthalene

Concen: 0.234 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX037035.D

Acq: 17 Aug 2023 03:13

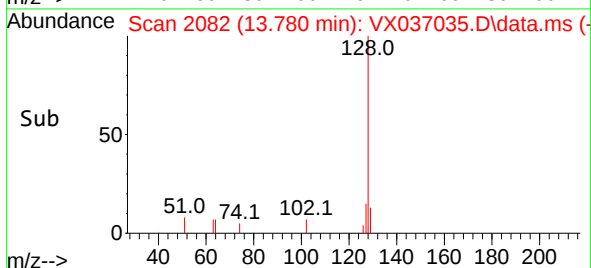
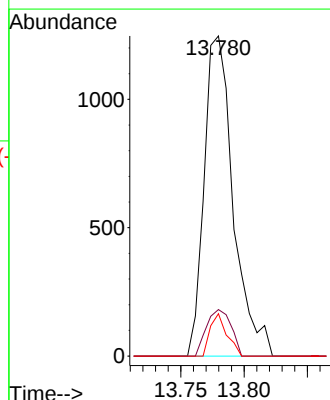
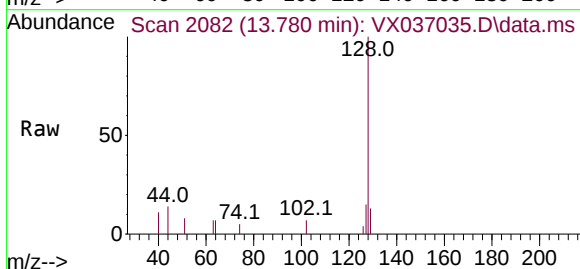
Tgt Ion:128 Resp: 1992

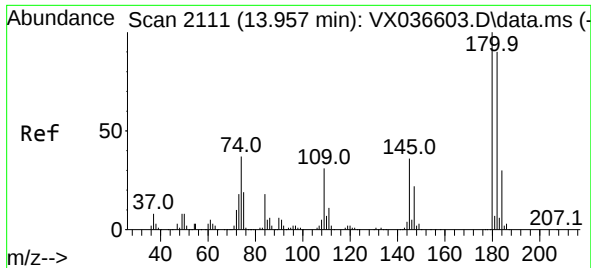
Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

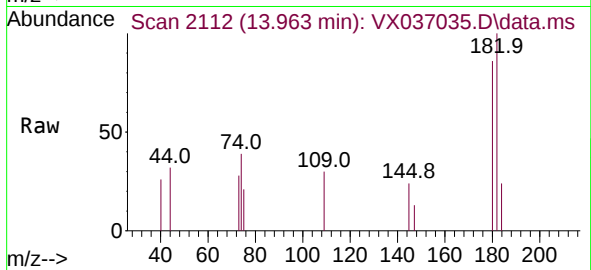
129 7.7 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.214 ug/l
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX037035.D
 Acq: 17 Aug 2023 03:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816MBL02



Tgt Ion:	180	Resp:	517
Ion	Ratio	Lower	Upper
180	100		
182	105.6	46.9	140.6
145	29.2	17.8	53.5

