

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035228.D
 Acq On : 21 Apr 2023 13:12
 Operator : JC/MD
 Sample : VX0421WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBL01

Quant Time: Apr 22 01:04:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

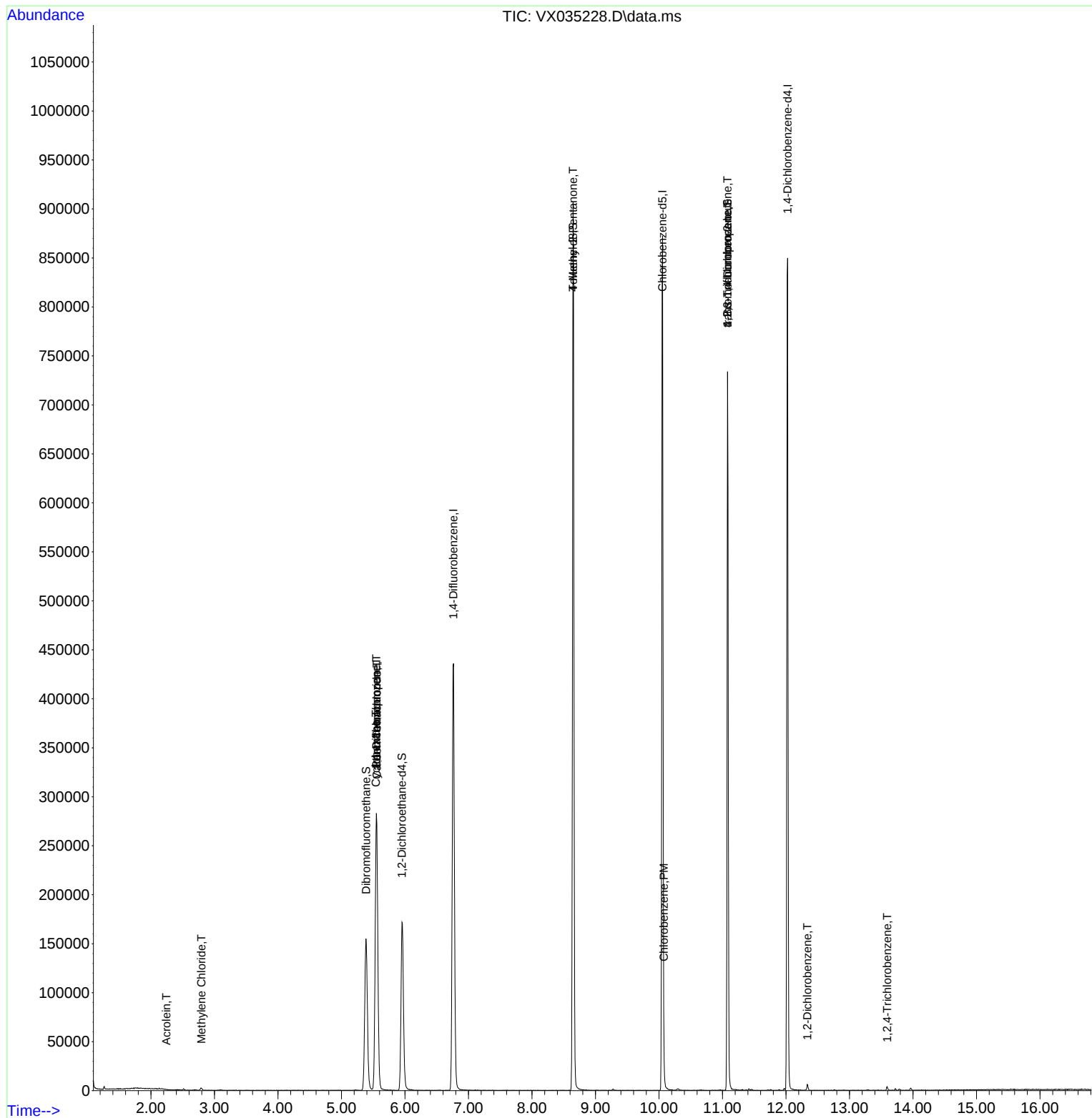
Internal Standards						
1) Pentafluorobenzene	5.550	168	276254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	459210	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	189819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168243	39.822	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.640%		
35) Dibromofluoromethane	5.385	113	138737	45.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.360%		
50) Toluene-d8	8.647	98	541537	48.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.079	95	200633	46.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.500%		
Target Compounds						
					Qvalue	
13) Acrolein	2.240	56	161	0.211	ug/l #	32
20) Methylene Chloride	2.794	84	1028	0.304	ug/l #	85
31) Cyclohexane	5.544	56	5197	1.010	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21018	4.671	ug/l #	50
38) Carbon Tetrachloride	5.556	117	27244	6.422	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2320	0.498	ug/l #	1
65) Chlorobenzene	10.073	112	2496	0.289	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	97491	25.490	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	97491	76.391	ug/l #	8
91) 1,2-Dichlorobenzene	12.335	146	1881	0.299	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	1296	0.365	ug/l	96

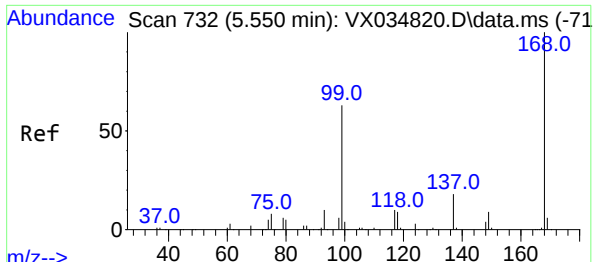
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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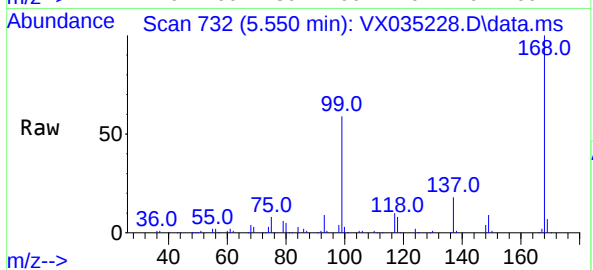
Quant Time: Apr 22 01:04:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 01 01:50:18 2023
Response via : Initial Calibration



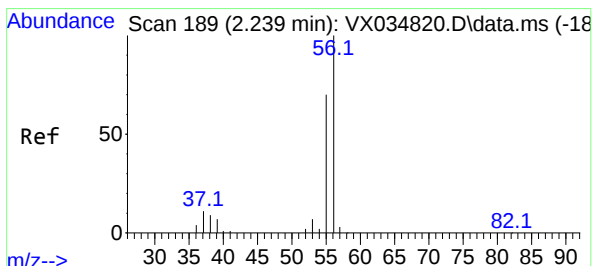
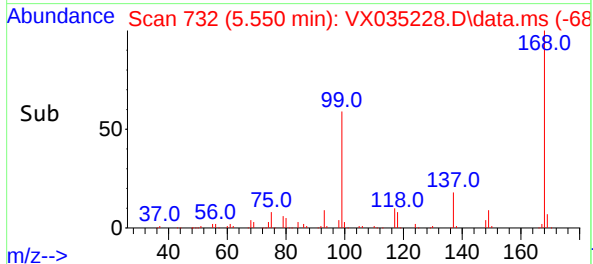
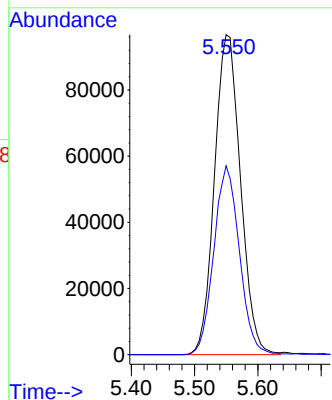


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

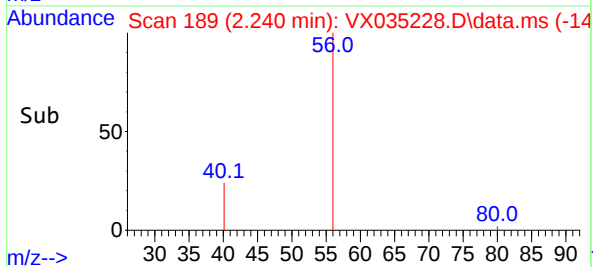
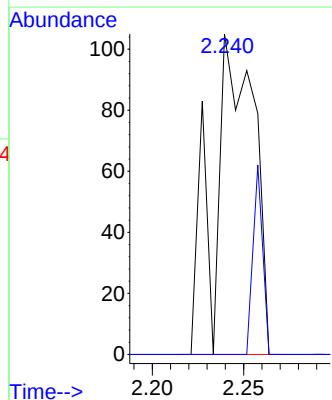
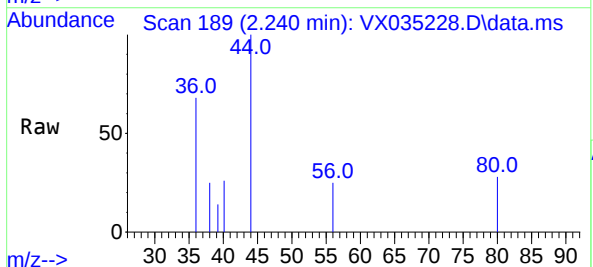


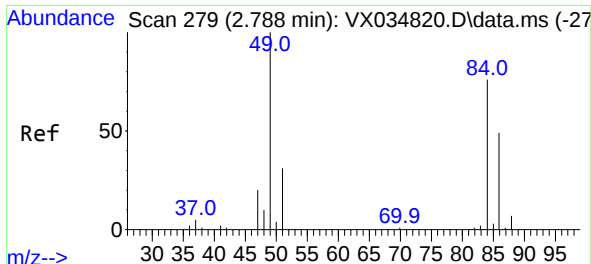
Tgt Ion:168 Resp: 276254
Ion Ratio Lower Upper
168 100
99 59.0 45.7 68.5



#13
Acrolein
Concen: 0.211 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 14.3 56.6 85.0#





#20

Methylene Chloride

Concen: 0.304 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035228.D

Acq: 21 Apr 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBL01

Tgt Ion: 84 Resp: 1028

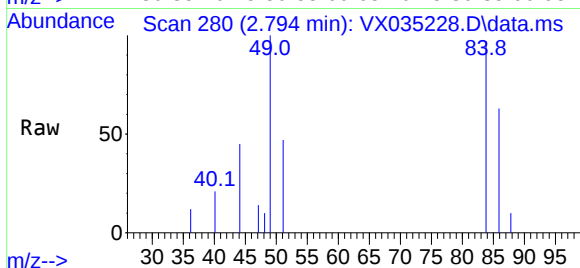
Ion Ratio Lower Upper

84 100

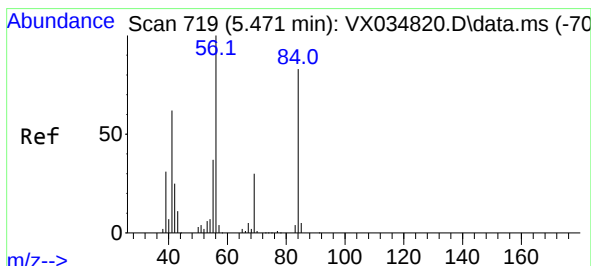
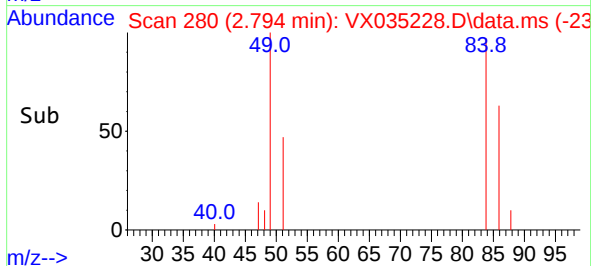
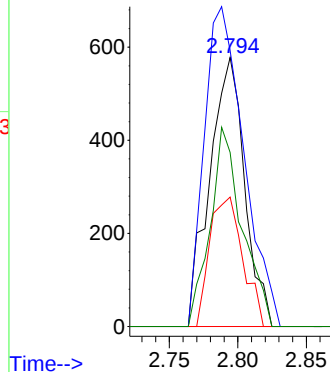
49 102.6 103.8 155.8#

51 48.1 31.8 47.8#

86 64.7 51.4 77.2



Abundance



#31

Cyclohexane

Concen: 1.010 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035228.D

Acq: 21 Apr 2023 13:12

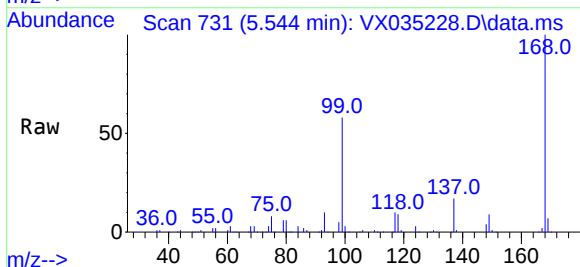
Tgt Ion: 56 Resp: 5197

Ion Ratio Lower Upper

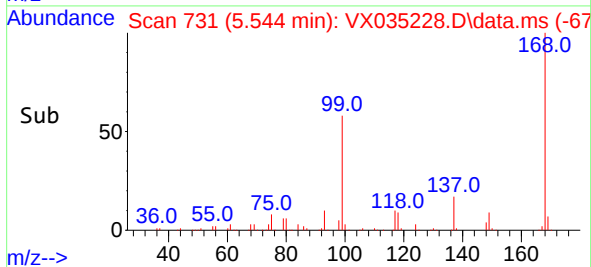
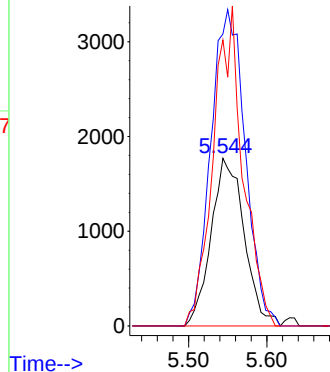
56 100

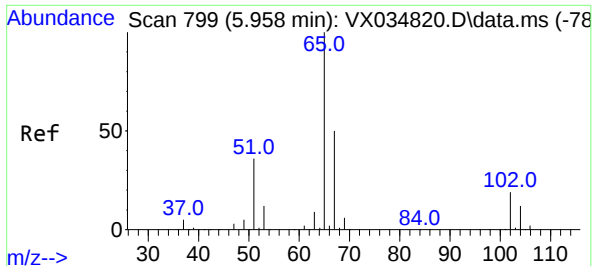
69 174.1 23.7 35.5#

84 170.5 68.5 102.7#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 39.822 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035228.D

Acq: 21 Apr 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

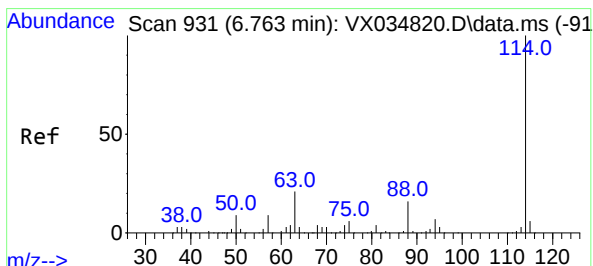
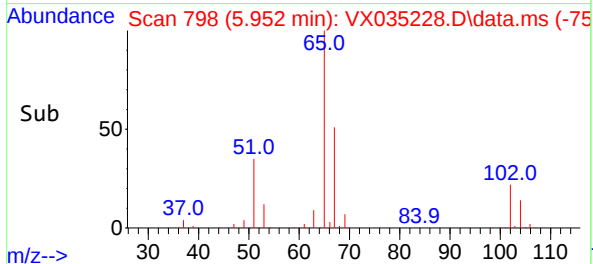
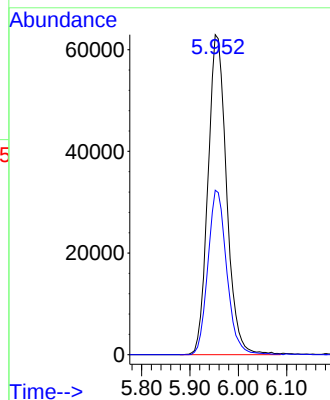
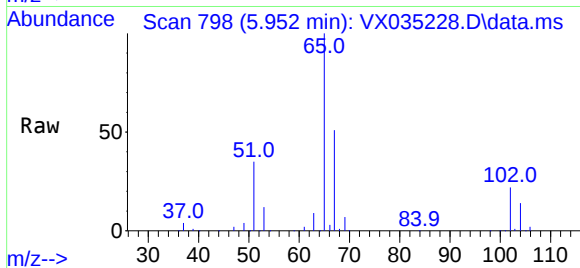
VX0421WBL01

Tgt Ion: 65 Resp: 168243

Ion Ratio Lower Upper

65 100

67 52.0 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: VX035228.D

Acq: 21 Apr 2023 13:12

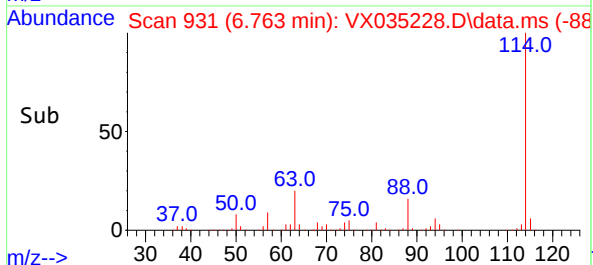
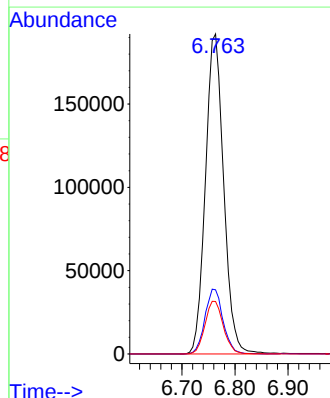
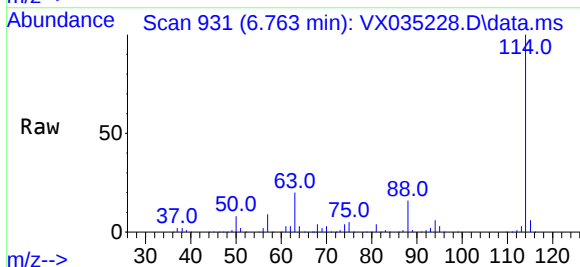
Tgt Ion: 114 Resp: 459210

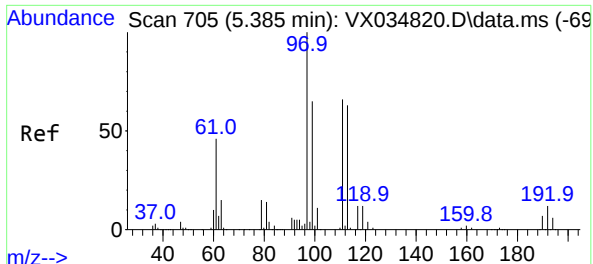
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.2

88 16.4 0.0 33.2

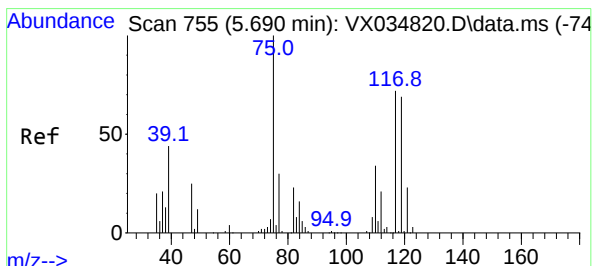
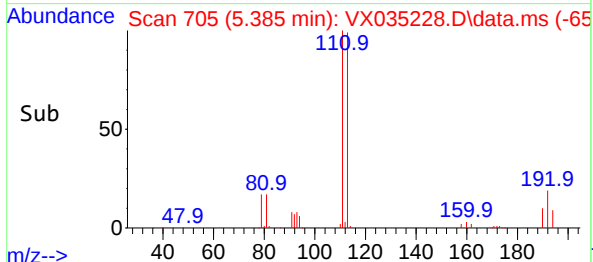
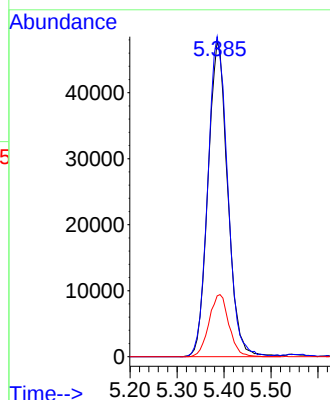
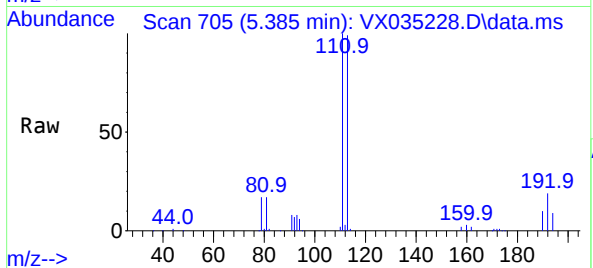




#35
Dibromofluoromethane
Concen: 45.678 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

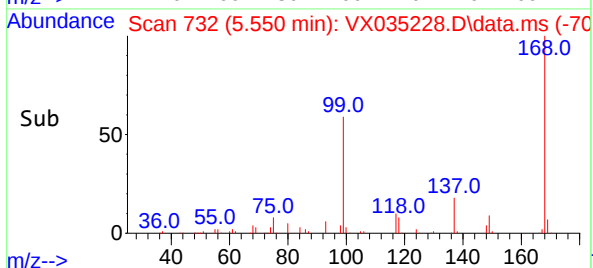
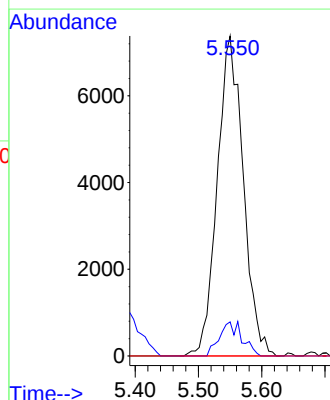
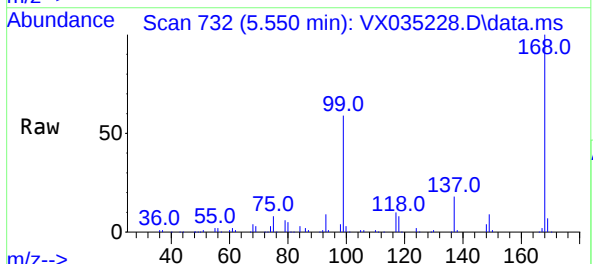
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

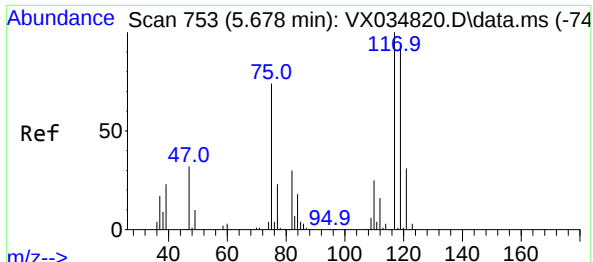
Tgt Ion:113 Resp: 138737
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

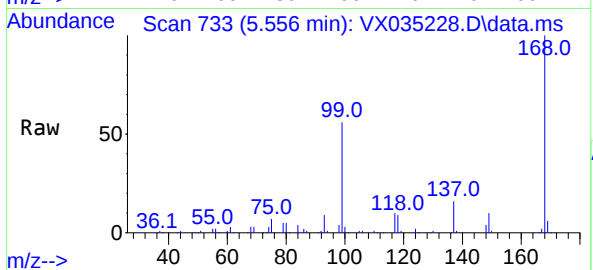
Tgt Ion: 75 Resp: 21018
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



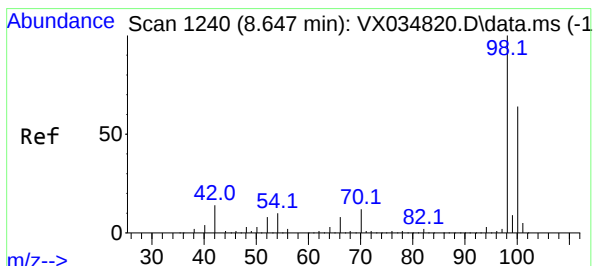
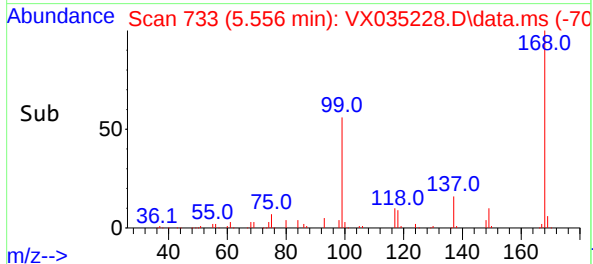
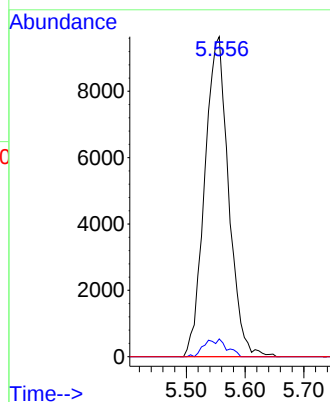


#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

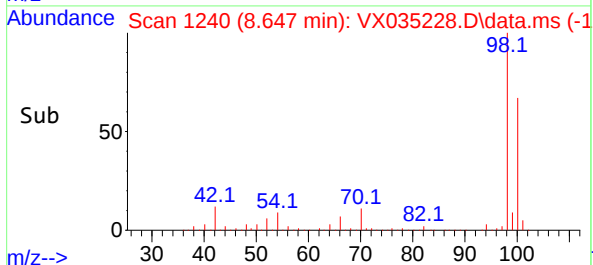
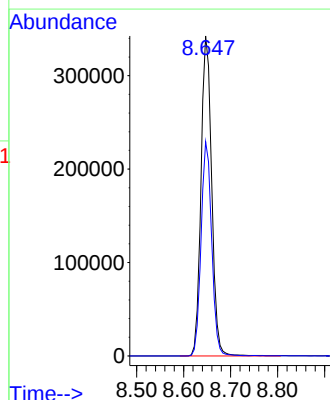
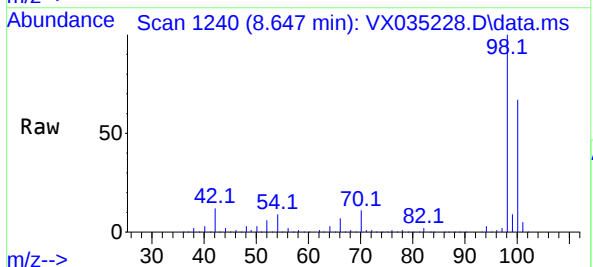


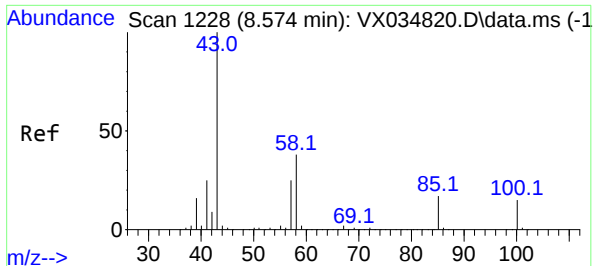
Tgt Ion:117 Resp: 27244
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Tgt Ion: 98 Resp: 541537
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

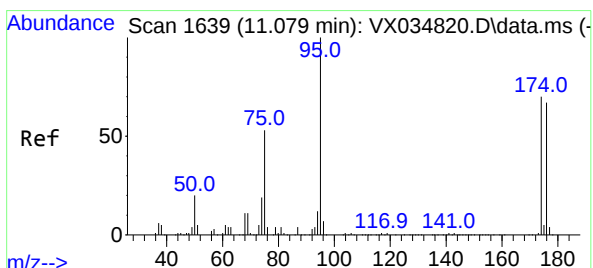
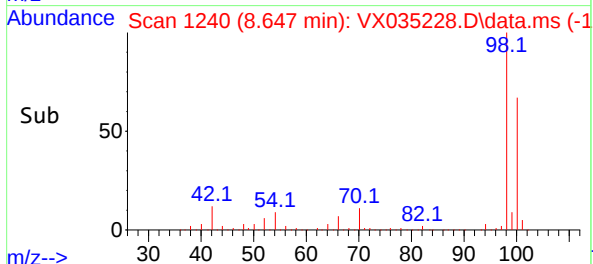
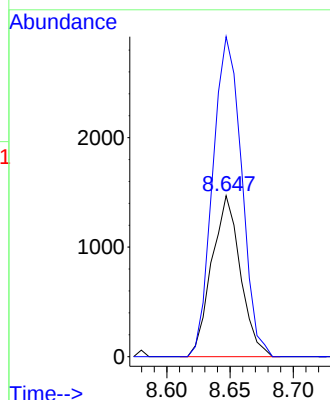
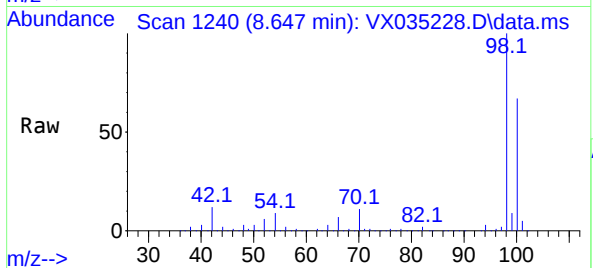




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

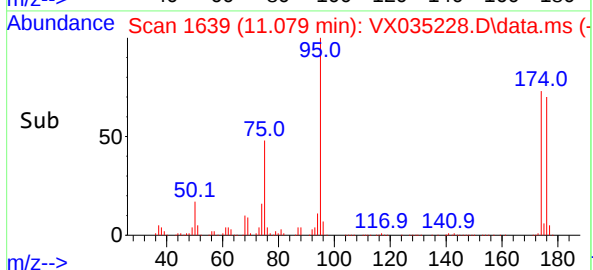
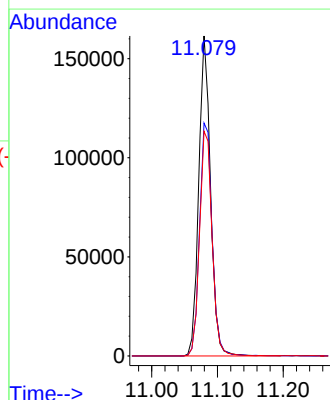
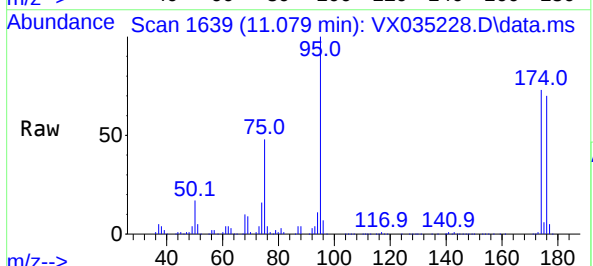
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

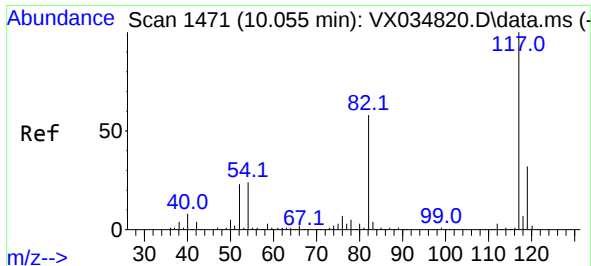
Tgt Ion: 43 Resp: 2320
Ion Ratio Lower Upper
43 100
58 200.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 46.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Tgt Ion: 95 Resp: 200633
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.4
176 75.0 0.0 140.6

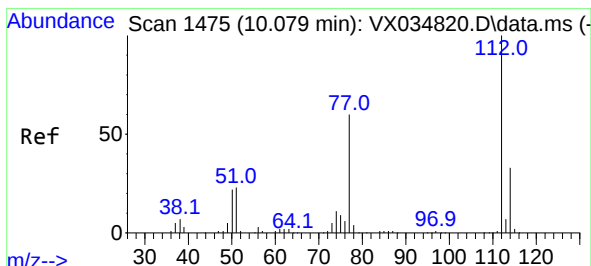
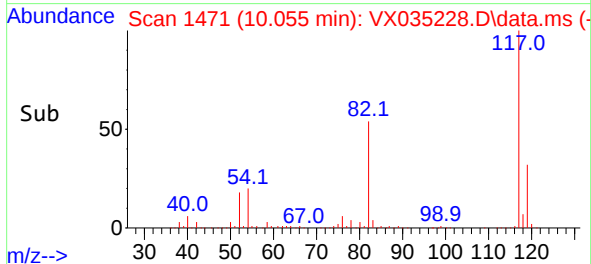
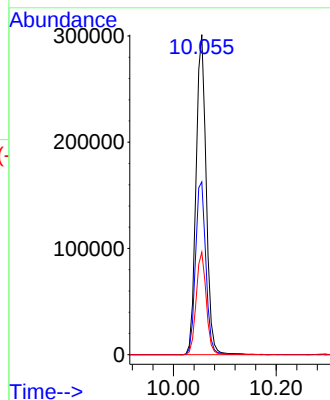
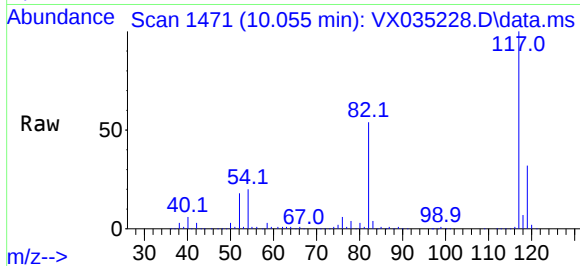




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

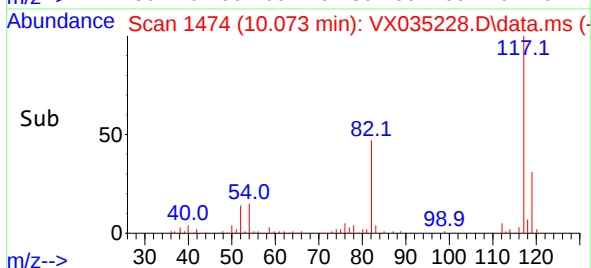
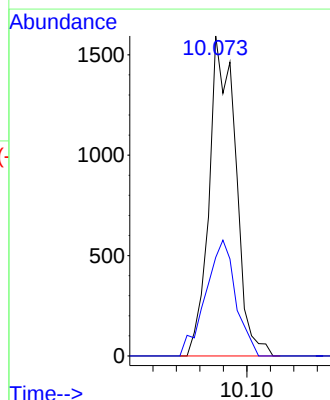
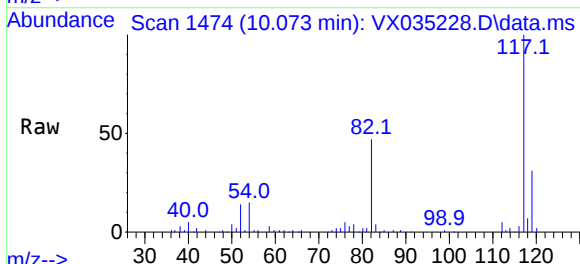
Instrument :
MSVOA_X
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VX0421WBL01

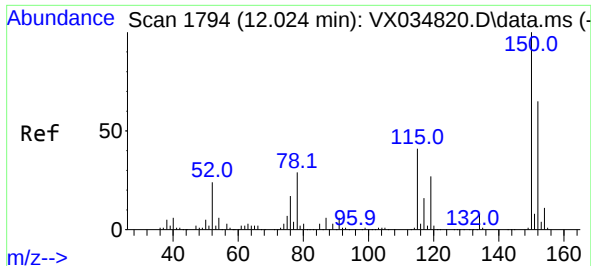
Tgt Ion:117 Resp: 414820
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.0 26.0 39.0



#65
Chlorobenzene
Concen: 0.289 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Tgt Ion:112 Resp: 2496
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2

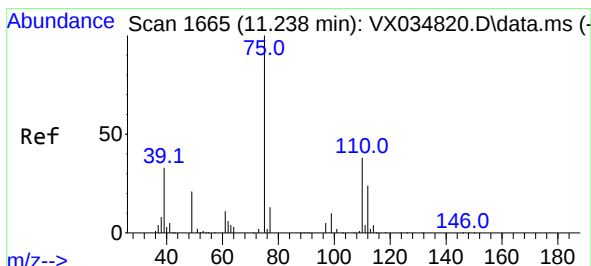
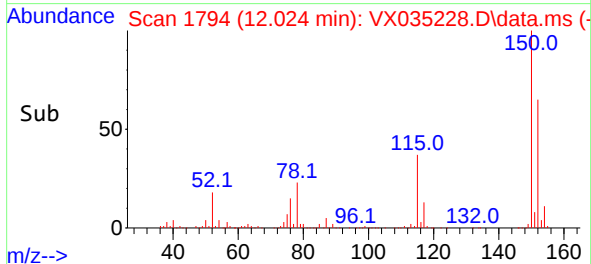
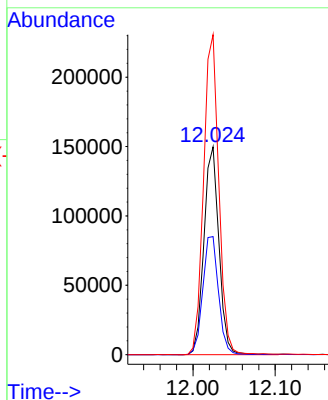
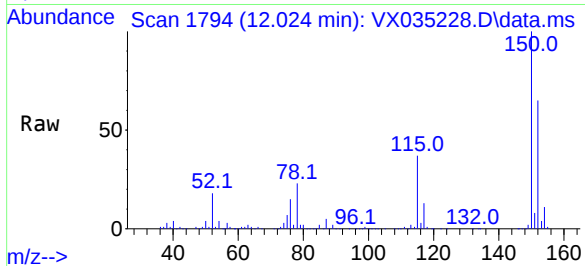




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035228.D
 Acq: 21 Apr 2023 13:12

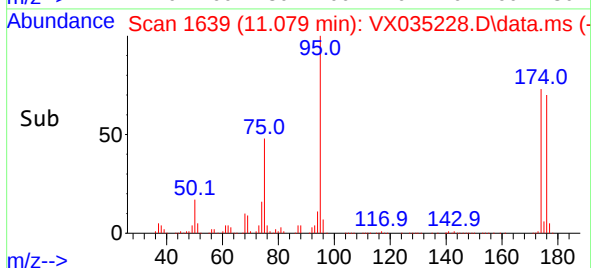
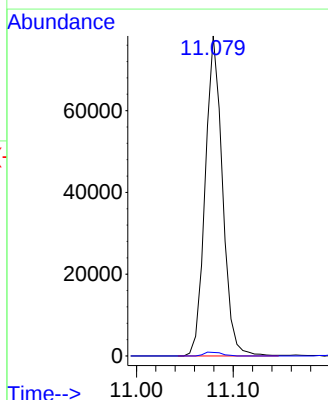
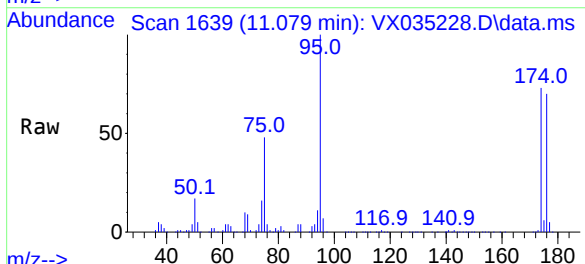
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBL01

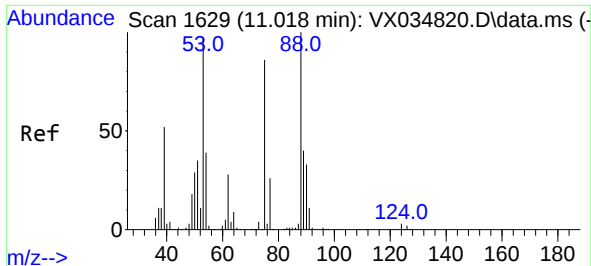
Tgt Ion:152 Resp: 189819
 Ion Ratio Lower Upper
 152 100
 115 59.6 45.0 135.0
 150 156.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 25.490 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035228.D
 Acq: 21 Apr 2023 13:12

Tgt Ion: 75 Resp: 97491
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#

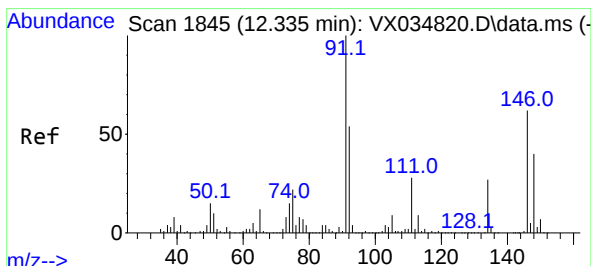
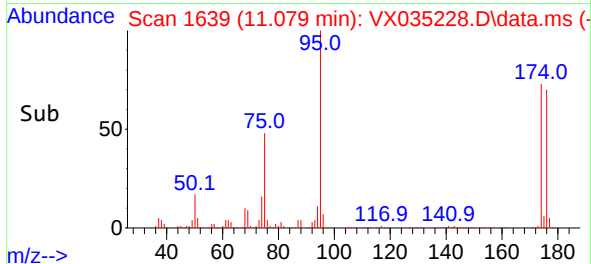
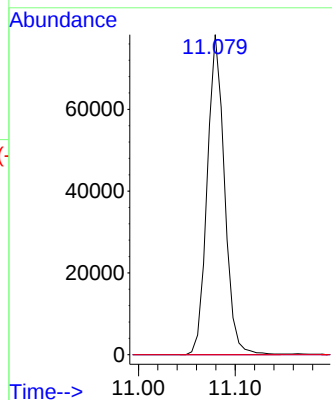
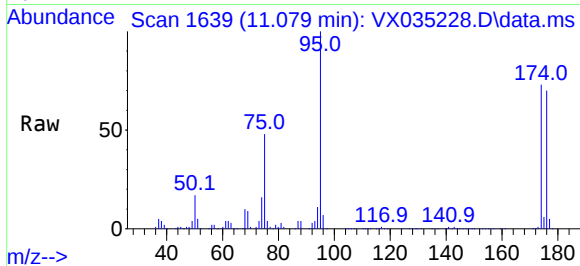




#81
trans-1,4-Dichloro-2-butene
Concen: 76.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

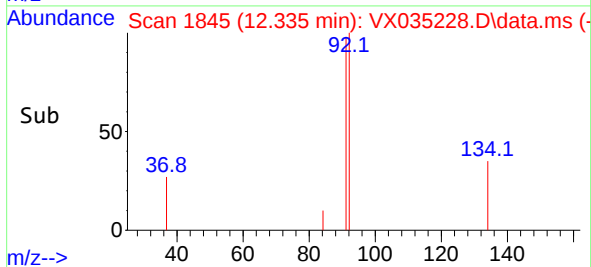
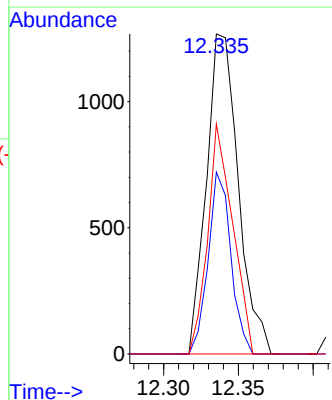
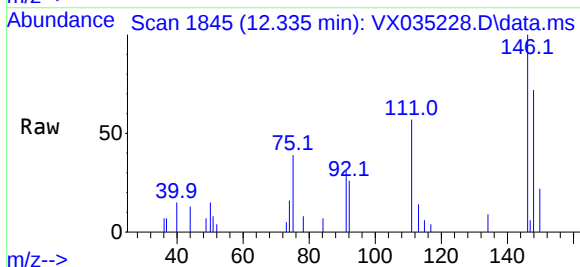
Instrument :
MSVOA_X
ClientSampleId :
VX0421WBL01

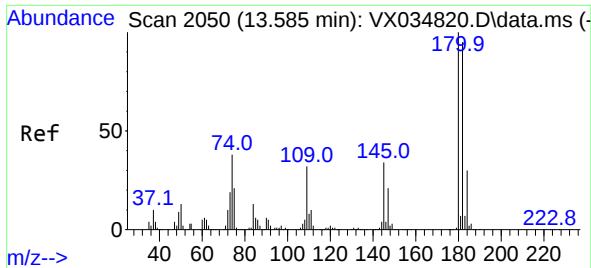
Tgt Ion: 75 Resp: 97491
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#91
1,2-Dichlorobenzene
Concen: 0.299 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035228.D
Acq: 21 Apr 2023 13:12

Tgt Ion:146 Resp: 1881
Ion Ratio Lower Upper
146 100
111 40.6 22.0 66.0
148 56.4 32.0 96.0





#93

1,2,4-Trichlorobenzene

Concen: 0.365 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035228.D

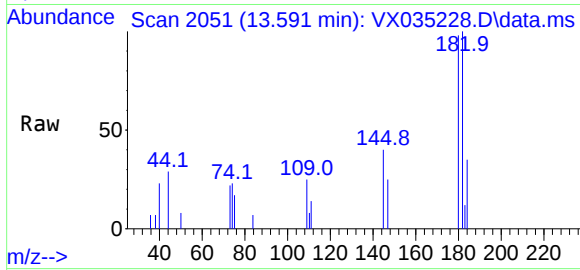
Acq: 21 Apr 2023 13:12

Instrument :

MSVOA_X

ClientSampleId :

VX0421WBL01



Tgt Ion:180 Resp: 1296

Ion	Ratio	Lower	Upper
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180	100		
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182	96.5	47.0	141.0
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145	27.9	15.9	47.7
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