

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037943.D
 Acq On : 28 Sep 2023 11:43
 Operator : JC/MD
 Sample : VX0928WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBL02

Quant Time: Sep 29 05:46:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

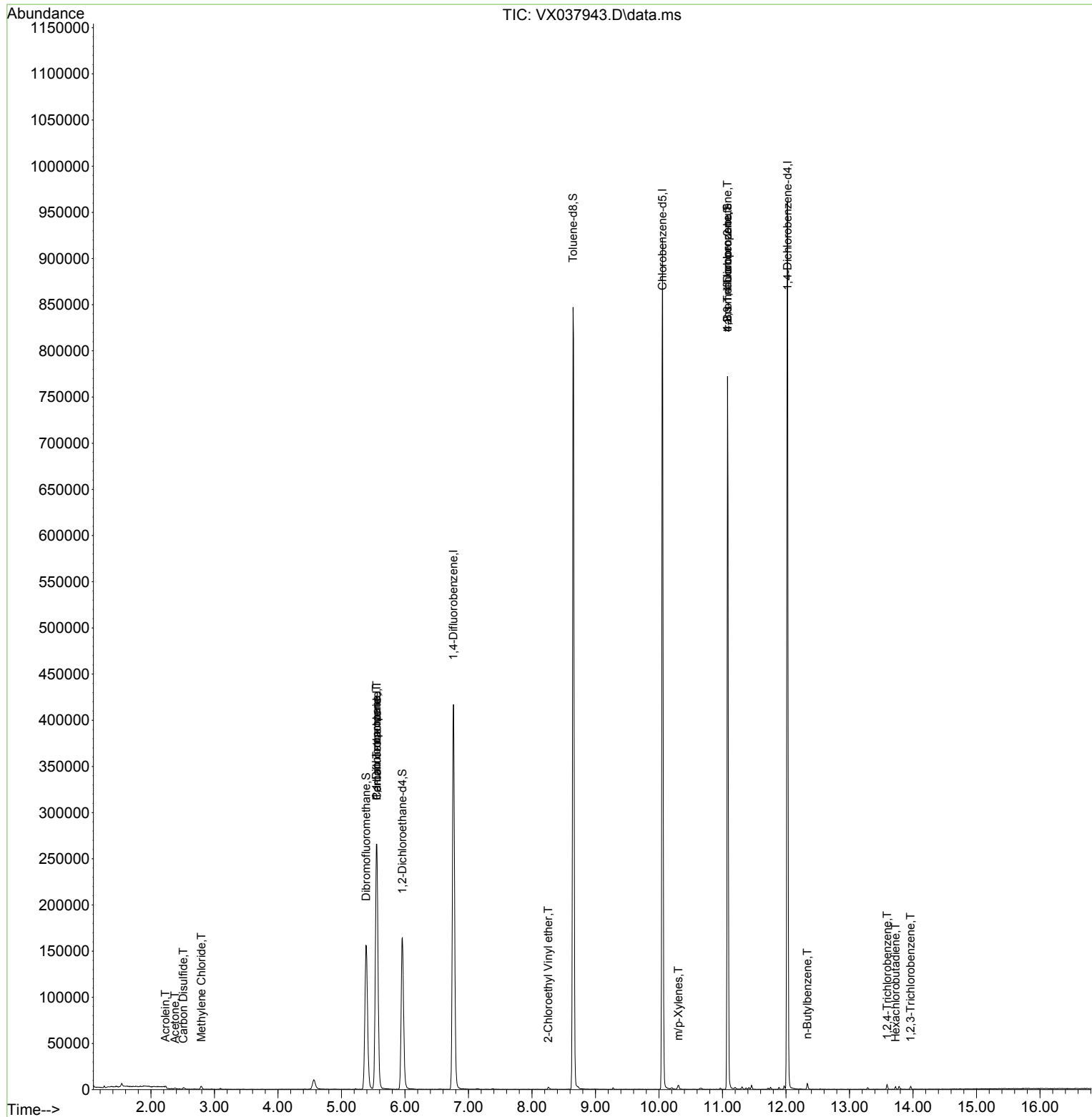
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

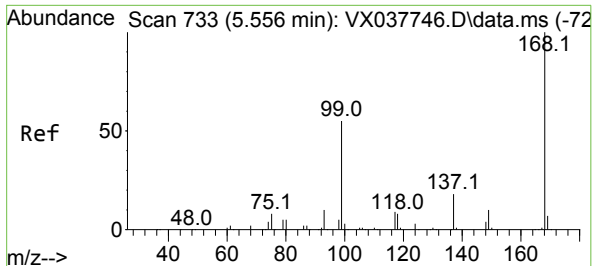
Internal Standards						
1) Pentafluorobenzene	5.556	168	261914	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	441123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158152	45.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.920%
35) Dibromofluoromethane	5.385	113	138336	46.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	524248	47.803	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.079	95	198267	49.751	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.500%
Target Compounds						
						Qvalue
13) Acrolein	2.227	56	243	0.333	ug/l	# 66
16) Acetone	2.380	43	1103	0.666	ug/l	94
17) Carbon Disulfide	2.508	76	1489	0.232	ug/l	100
20) Methylene Chloride	2.794	84	1606	0.500	ug/l	# 85
36) 1,1-Dichloropropene	5.550	75	19363	4.762	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	26321	6.187	ug/l	# 15
58) 2-Chloroethyl Vinyl ether	8.257	63	1002	0.423	ug/l	95
68) m/p-Xylenes	10.305	106	1299	0.217	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	99250	20.126	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	99250	64.471	ug/l	# 5
89) n-Butylbenzene	12.335	91	2543	0.215	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	1557	0.359	ug/l	89
94) Hexachlorobutadiene	13.725	225	516	0.255	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	969	0.217	ug/l	95

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

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

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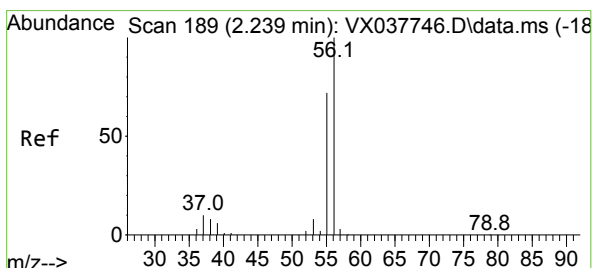
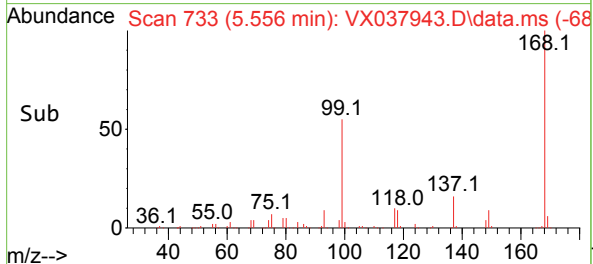
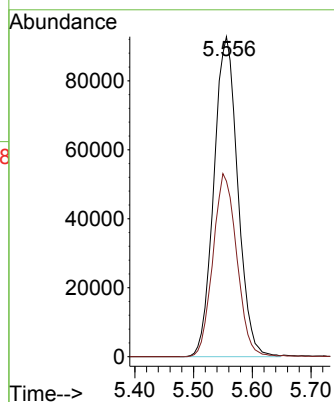
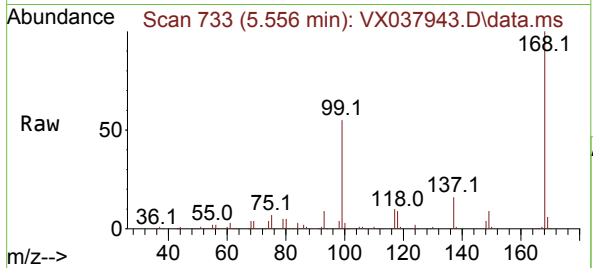




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

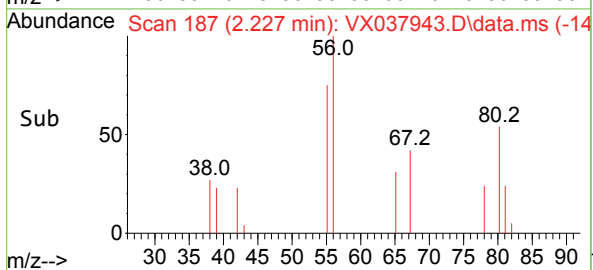
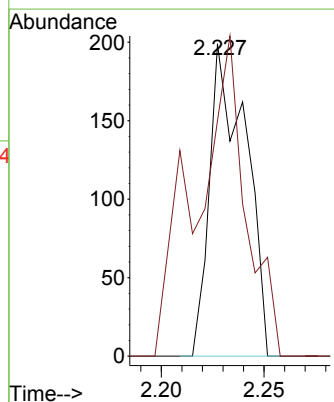
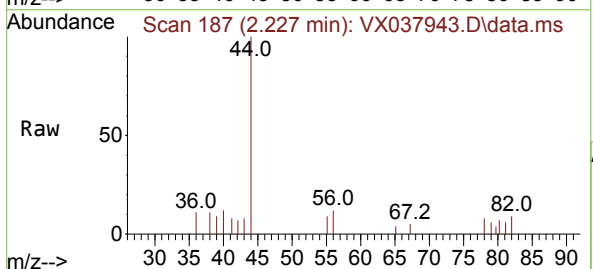
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

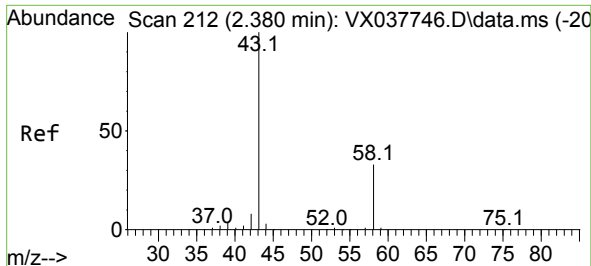
Tgt Ion:168 Resp: 261914
Ion Ratio Lower Upper
168 100
99 54.8 56.6 85.0#



#13
Acrolein
Concen: 0.333 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion: 56 Resp: 243
Ion Ratio Lower Upper
56 100
55 99.6 57.1 85.7#

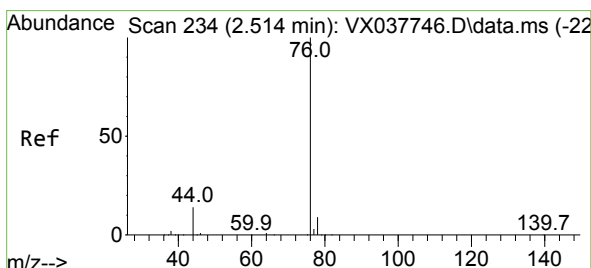
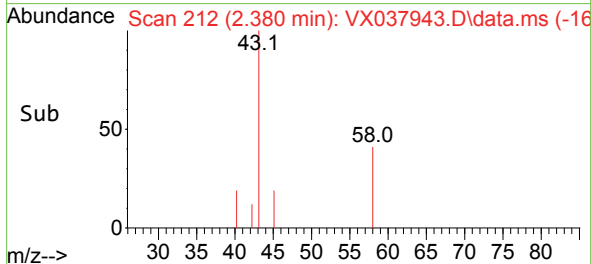
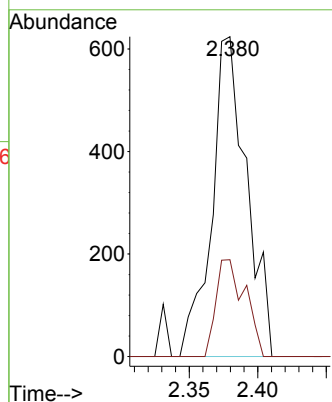
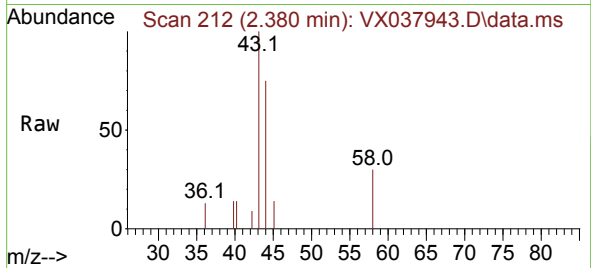




#16
Acetone
Concen: 0.666 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

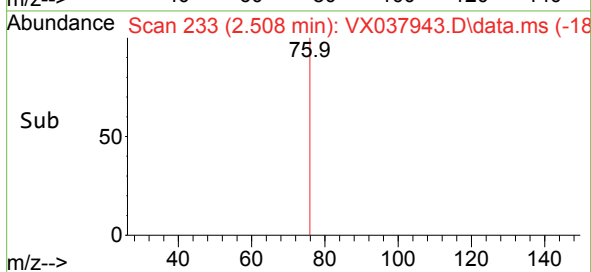
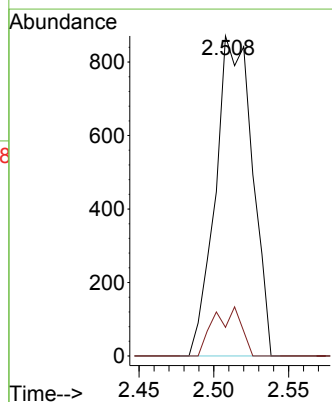
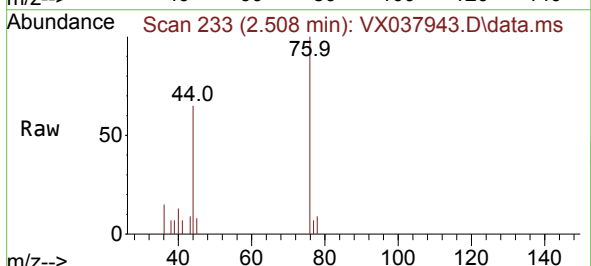
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

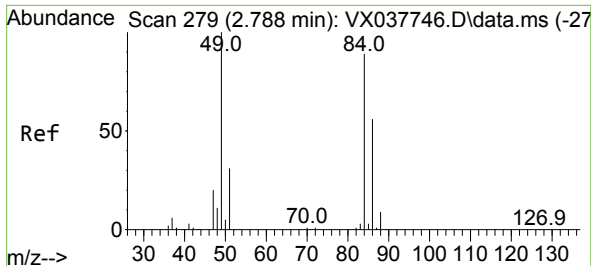
Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion: 76 Resp: 1489
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6





#20

Methylene Chloride

Concen: 0.500 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037943.D

Acq: 28 Sep 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBL02

Tgt Ion: 84 Resp: 1606

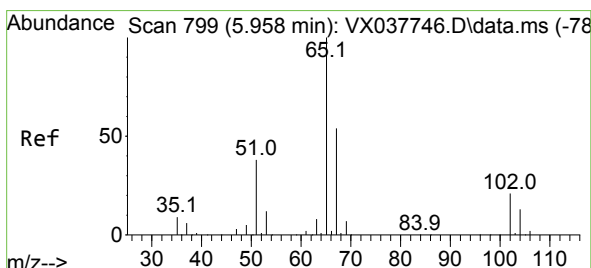
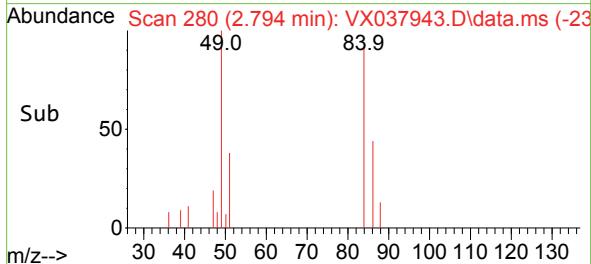
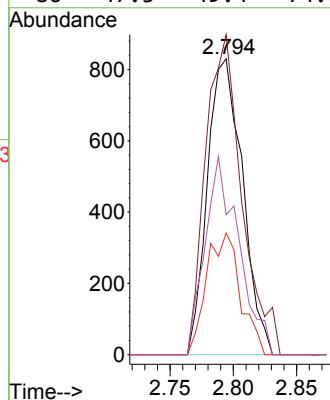
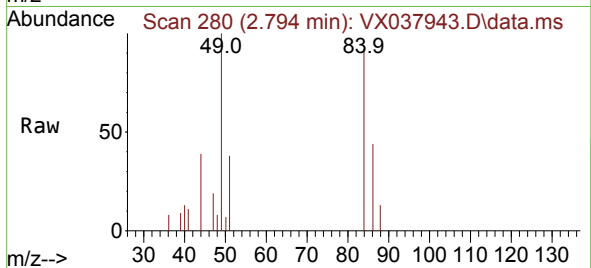
Ion Ratio Lower Upper

84 100

49 108.2 103.6 155.4

51 41.1 33.8 50.6

86 47.3 49.4 74.0#



#33

1,2-Dichloroethane-d4

Concen: 45.959 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037943.D

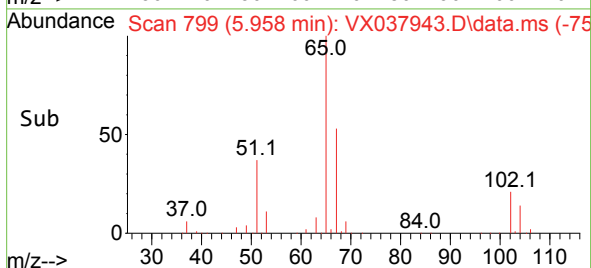
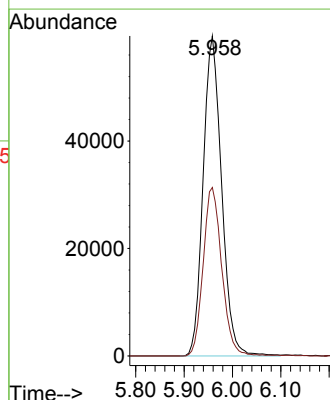
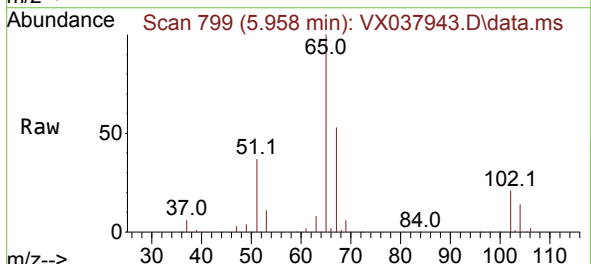
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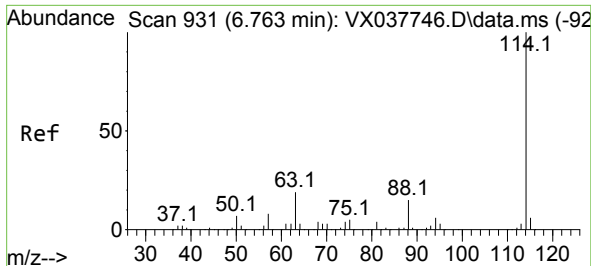
Tgt Ion: 65 Resp: 158152

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2

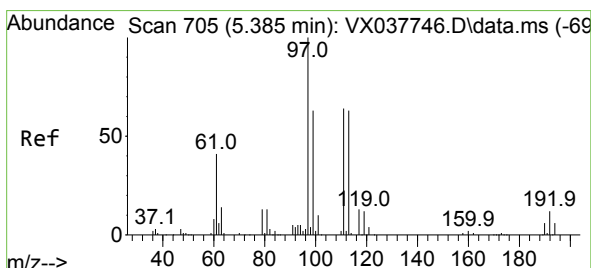
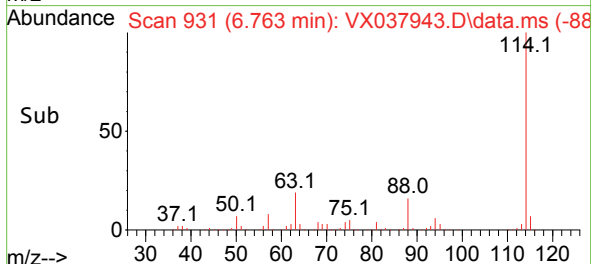
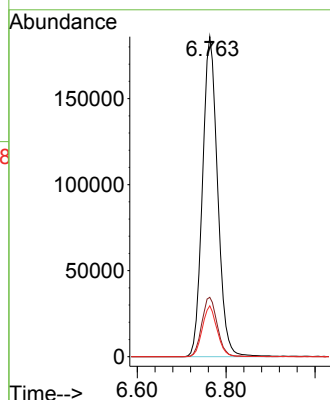
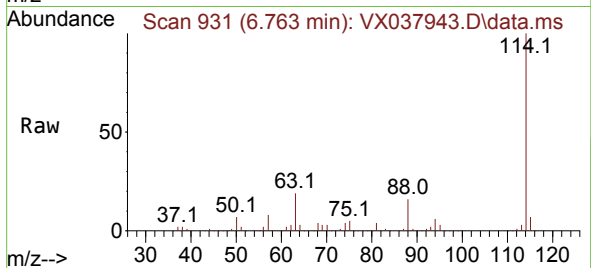




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

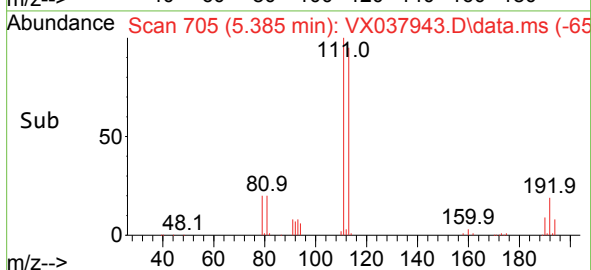
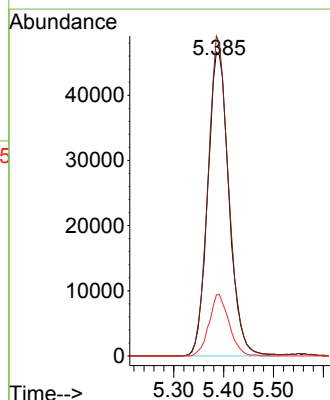
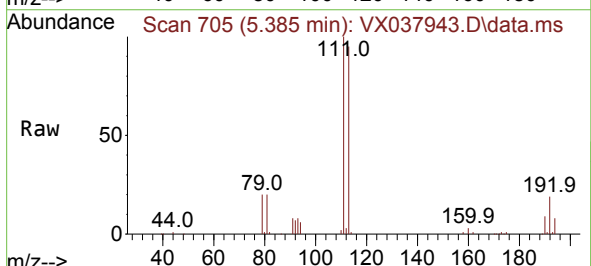
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

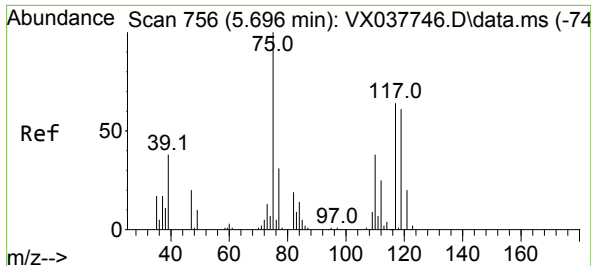
Tgt Ion:114 Resp: 441123
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.869 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion:113 Resp: 138336
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.0 13.3 19.9

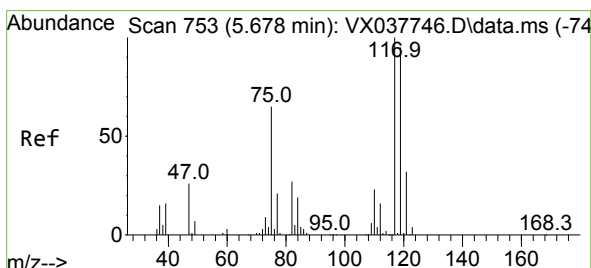
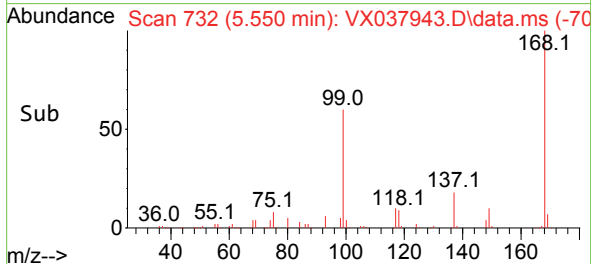
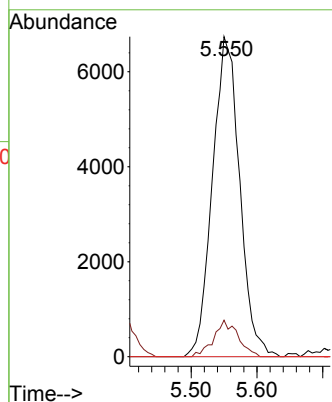
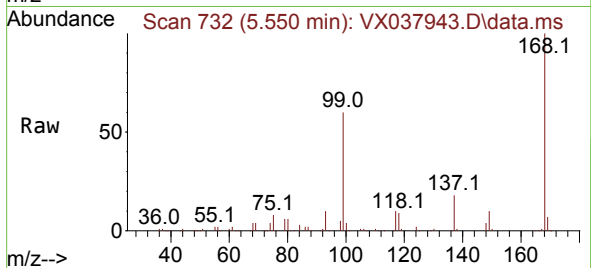




#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

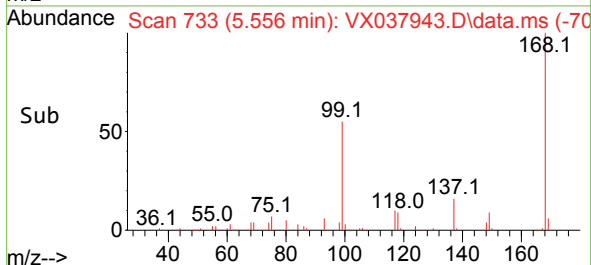
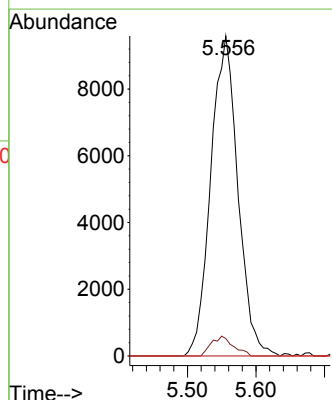
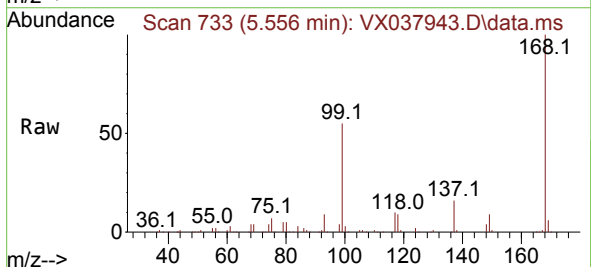
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

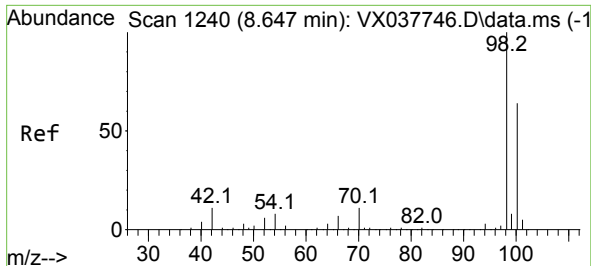
Tgt Ion: 75 Resp: 19363
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion: 117 Resp: 26321
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.803 ug/l

RT: 8.647 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX037943.D

Acq: 28 Sep 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

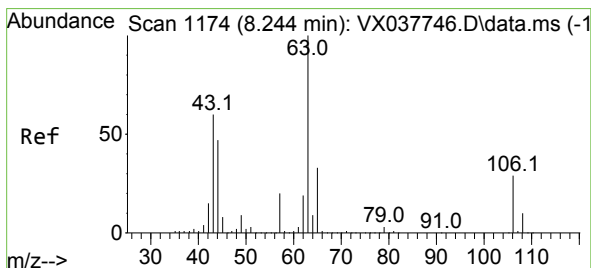
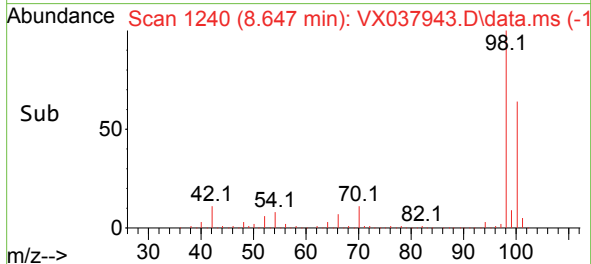
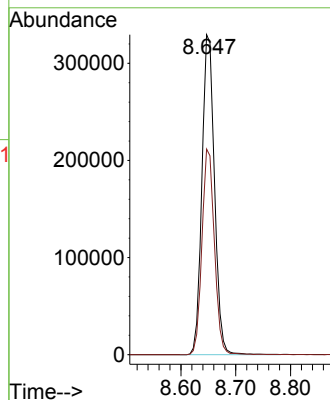
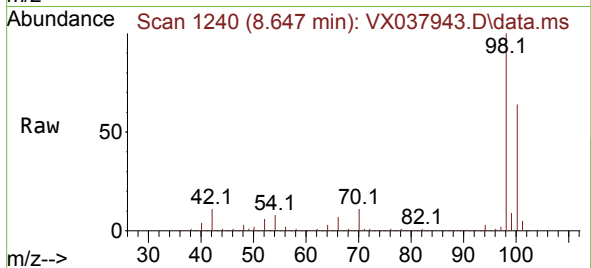
VX0928WBL02

Tgt Ion: 98 Resp: 524248

Ion Ratio Lower Upper

98 100

100 63.7 53.1 79.7



#58

2-Chloroethyl Vinyl ether

Concen: 0.423 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX037943.D

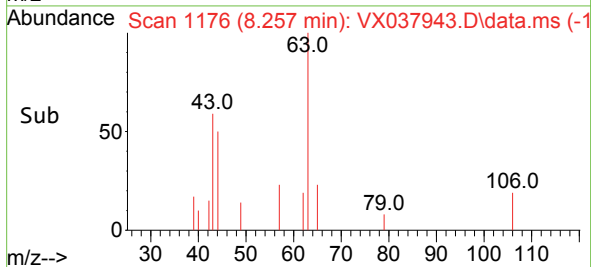
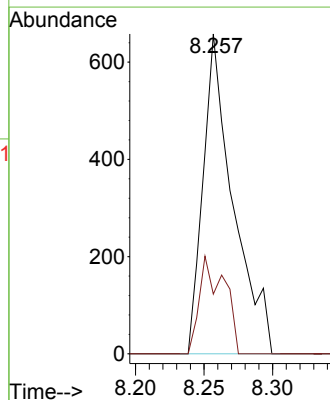
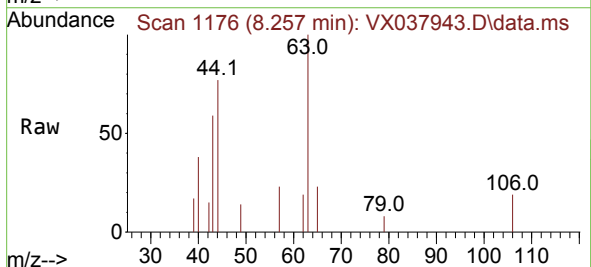
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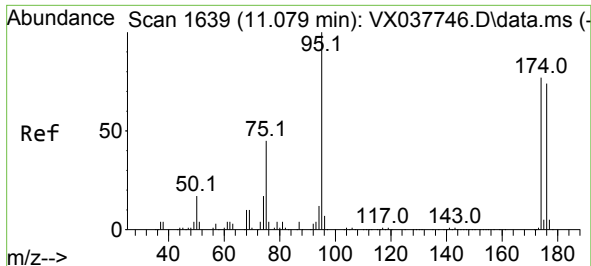
Tgt Ion: 63 Resp: 1002

Ion Ratio Lower Upper

63 100

106 25.2 22.5 33.7

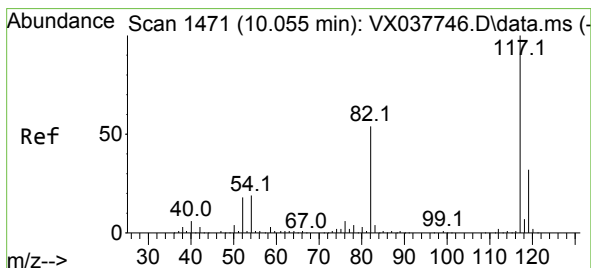
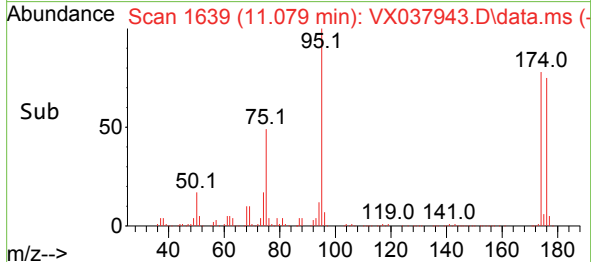
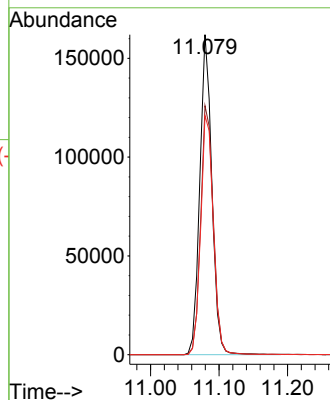
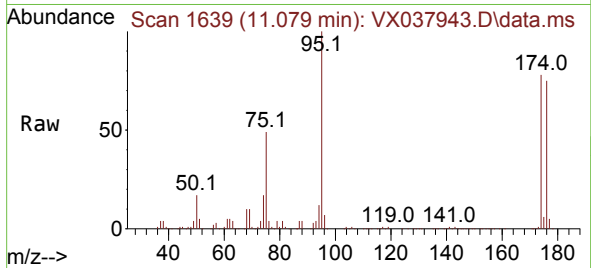




#62
4-Bromofluorobenzene
Concen: 49.751 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

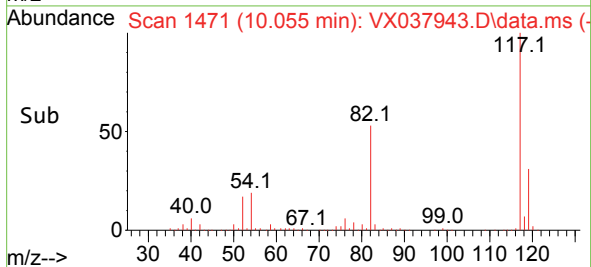
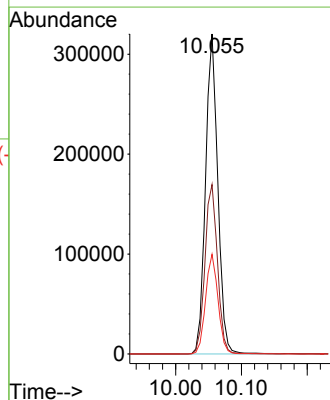
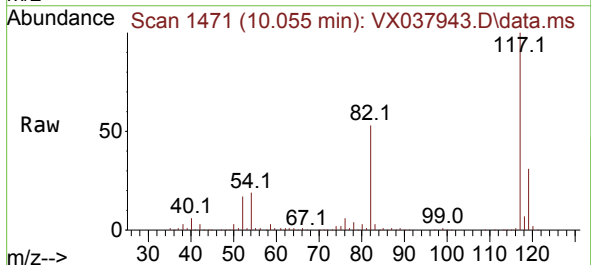
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

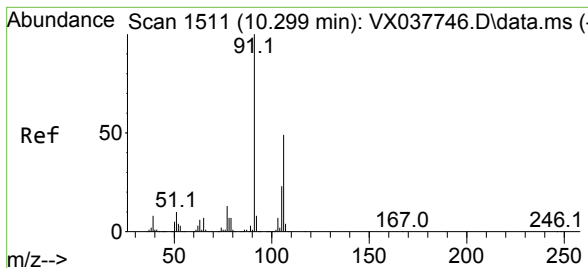
Tgt Ion: 95 Resp: 198267
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 78.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion: 117 Resp: 414975
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 31.1 25.5 38.3

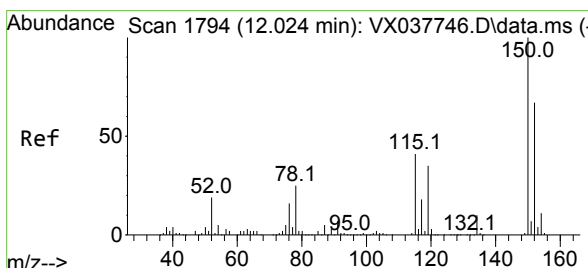
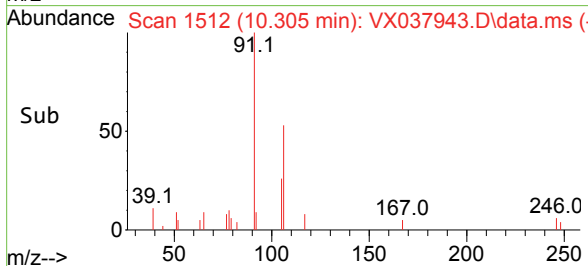
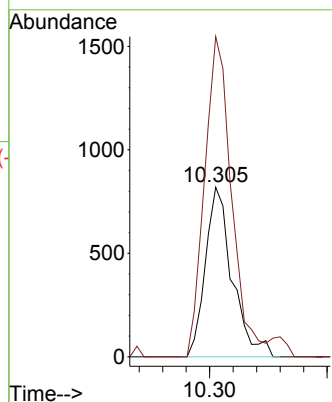
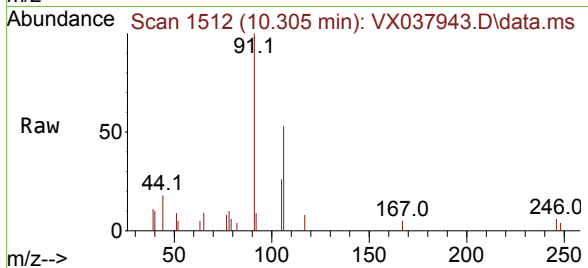




#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

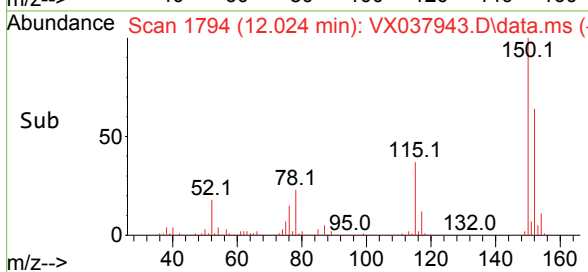
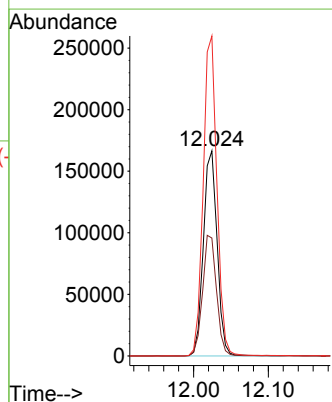
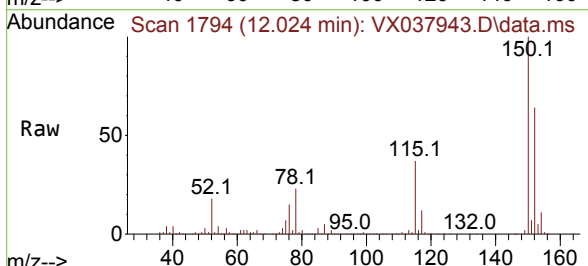
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

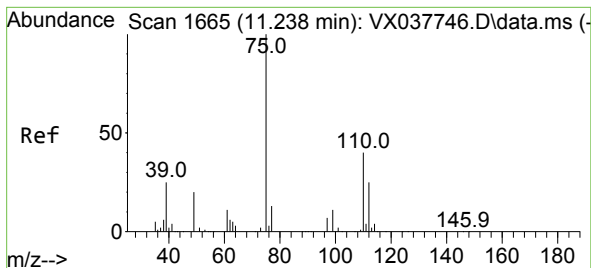
Tgt Ion:106 Resp: 1299
Ion Ratio Lower Upper
106 100
91 189.8 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion:152 Resp: 213213
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 155.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.126 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037943.D

Acq: 28 Sep 2023 11:43

Instrument :

MSVOA_X

ClientSampleId :

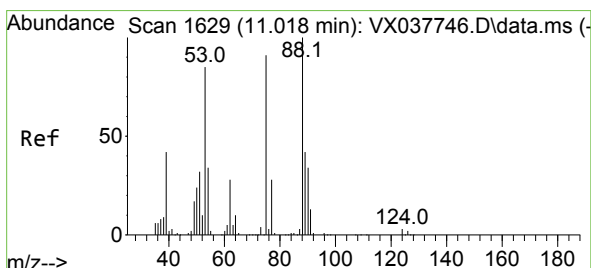
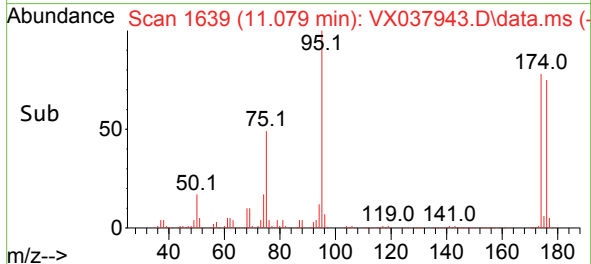
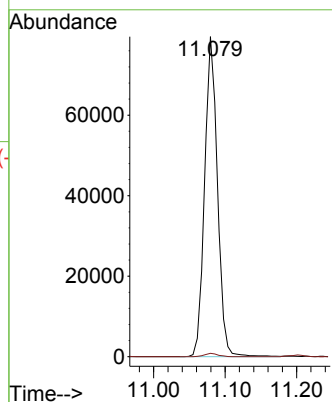
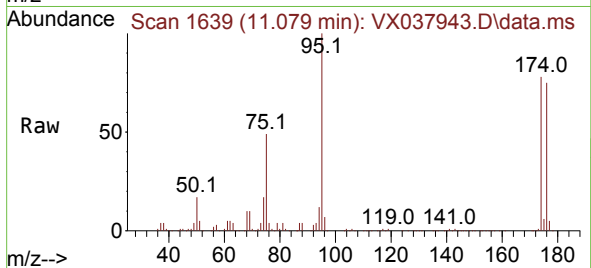
VX0928WBL02

Tgt Ion: 75 Resp: 99250

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.471 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037943.D

Acq: 28 Sep 2023 11:43

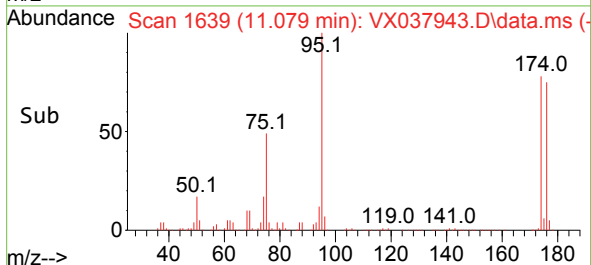
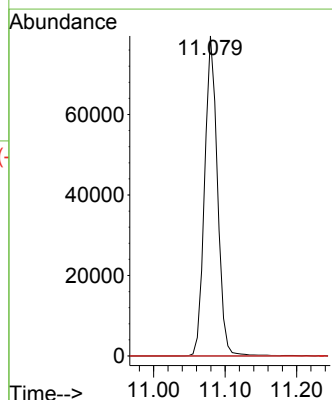
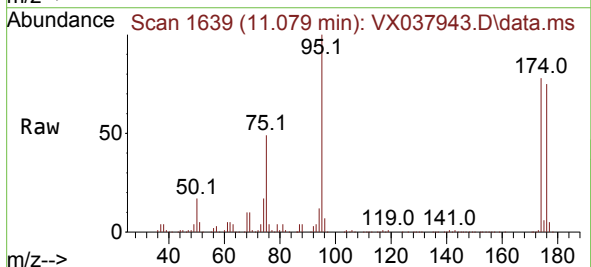
Tgt Ion: 75 Resp: 99250

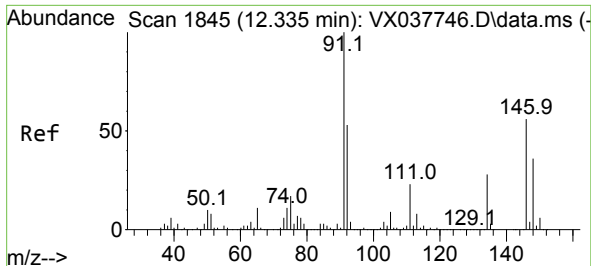
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

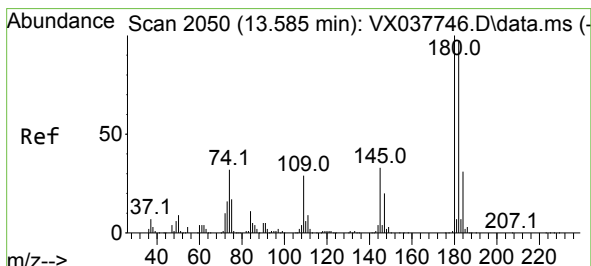
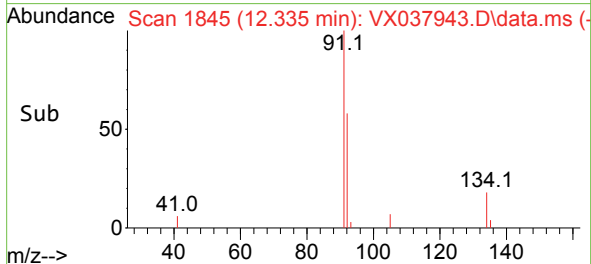
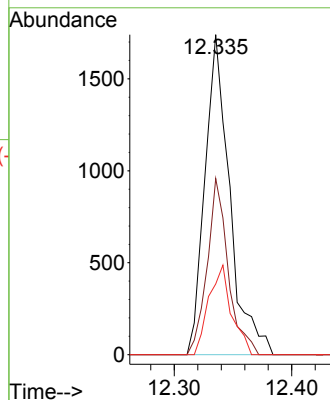
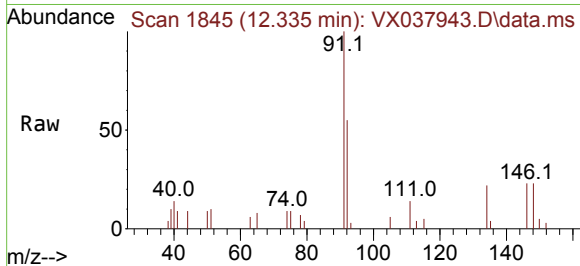




#89
n-Butylbenzene
Concen: 0.215 ug/l
RT: 12.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

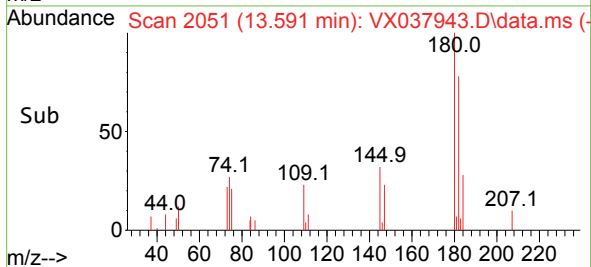
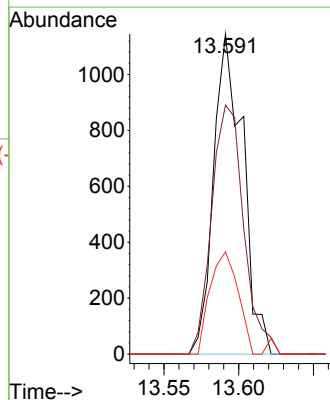
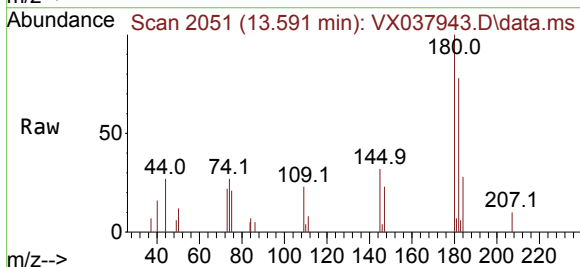
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

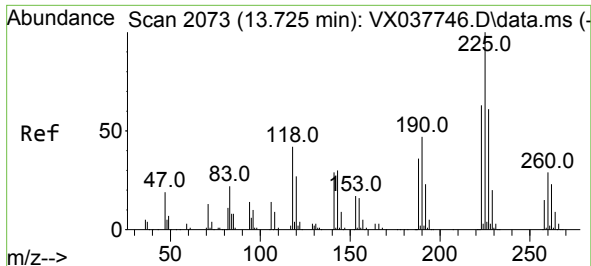
Tgt Ion:	91	Resp:	2543
Ion	Ratio	Lower	Upper
91	100		
92	46.8	27.4	82.0
134	25.7	12.6	37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.359 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion:	180	Resp:	1557
Ion	Ratio	Lower	Upper
180	100		
182	85.2	48.3	144.8
145	30.6	18.0	54.0

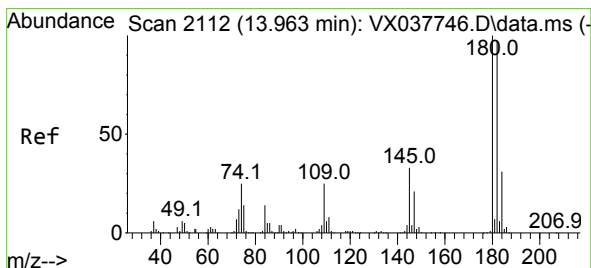
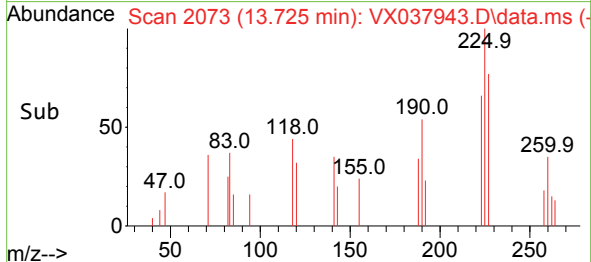
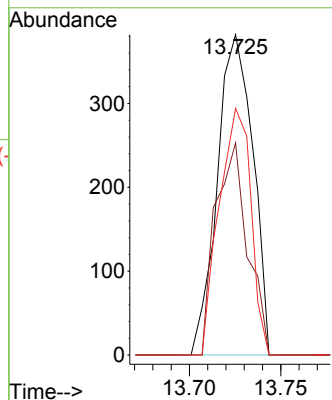
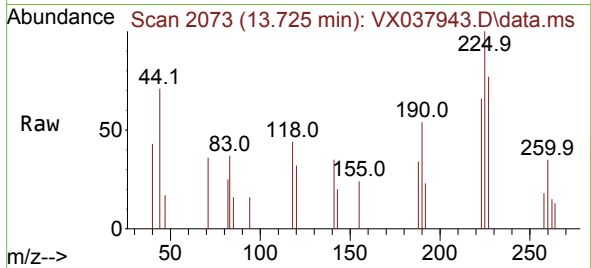




#94
Hexachlorobutadiene
Concen: 0.255 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

Tgt Ion:225 Resp: 516
Ion Ratio Lower Upper
225 100
223 59.9 31.1 93.2
227 69.0 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.217 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX037943.D
Acq: 28 Sep 2023 11:43

Tgt Ion:180 Resp: 969
Ion Ratio Lower Upper
180 100
182 100.7 46.9 140.6
145 35.8 17.8 53.5

