

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102523\
 Data File : VX038490.D
 Acq On : 25 Oct 2023 19:11
 Operator : JC/MD
 Sample : 05010-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 343

Quant Time: Oct 26 04:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

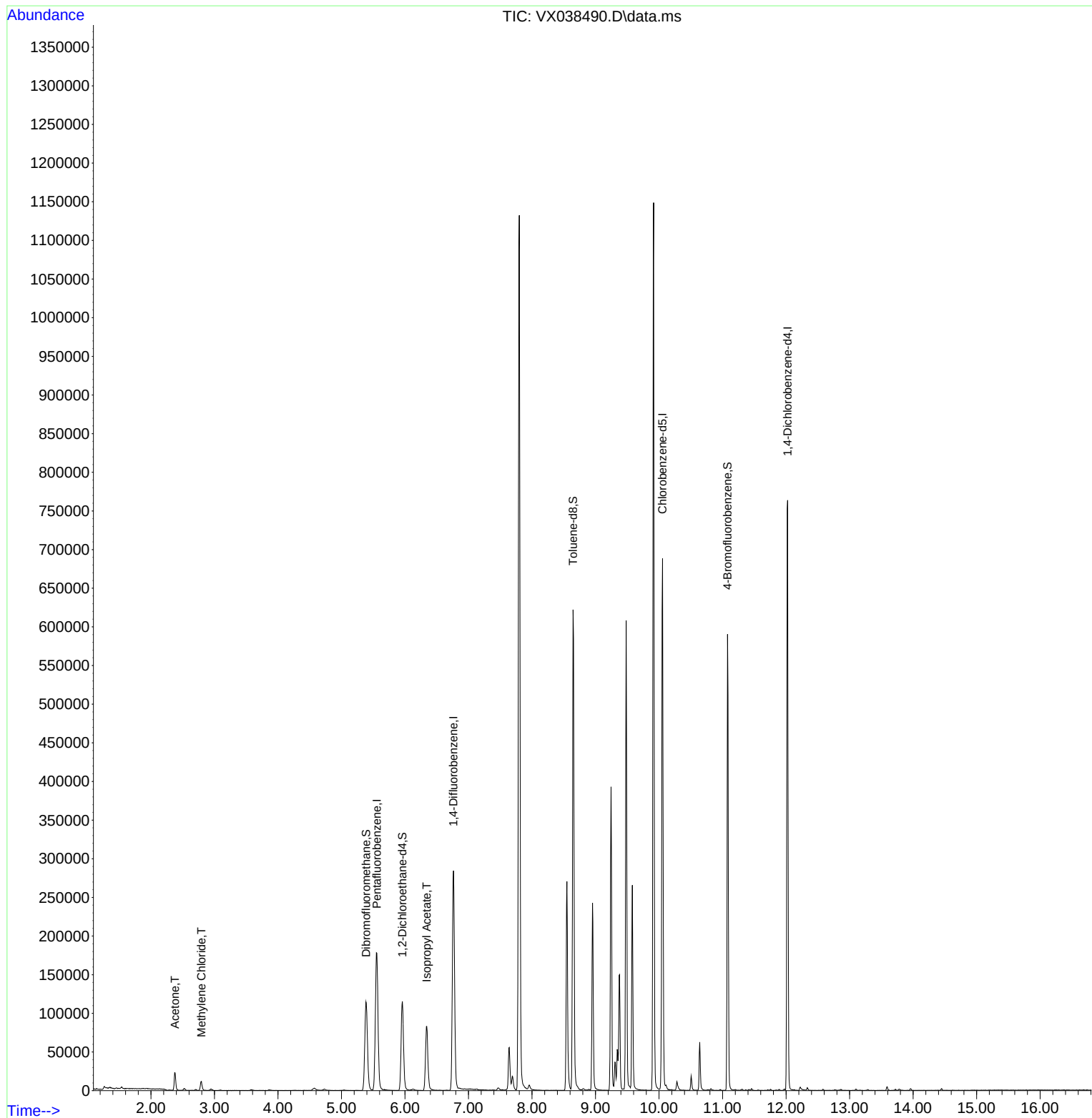
Internal Standards						
1) Pentafluorobenzene	5.556	168	179619	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	310830	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	320791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110788	38.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	76.700%#
35) Dibromofluoromethane	5.385	113	100630	44.930	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.860%
50) Toluene-d8	8.647	98	385762	45.073	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.140%#
62) 4-Bromofluorobenzene	11.079	95	148829	45.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%
Target Compounds						
16) Acetone	2.380	43	25257	20.947	ug/l	Qvalue 93
20) Methylene Chloride	2.794	84	6204	2.735	ug/l	# 80
43) Isopropyl Acetate	6.342	43	113008	20.638	ug/l	96

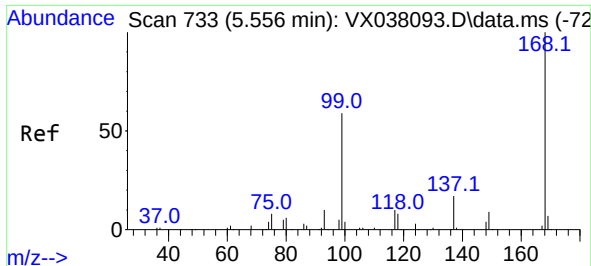
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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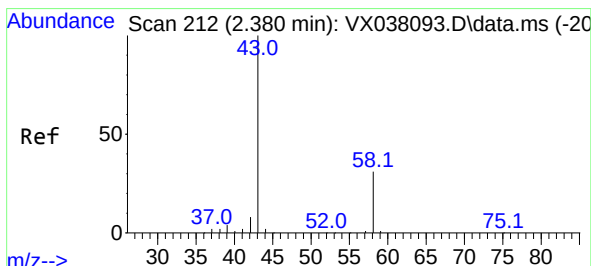
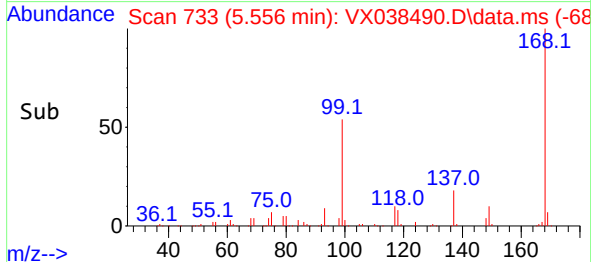
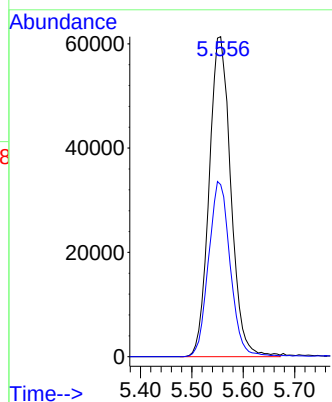
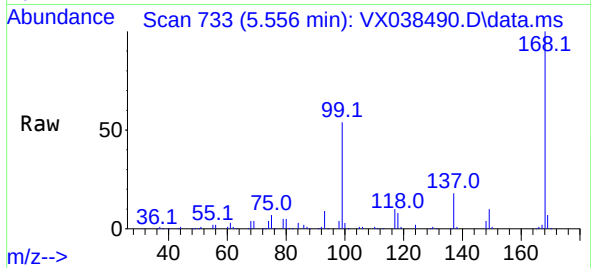




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

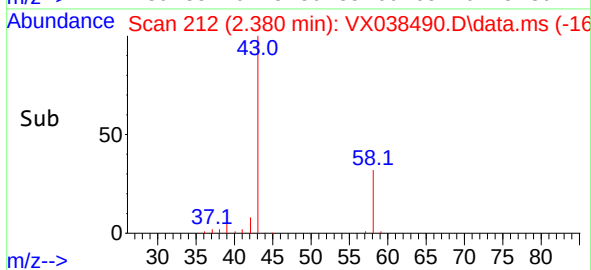
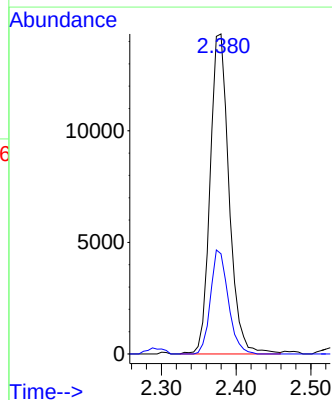
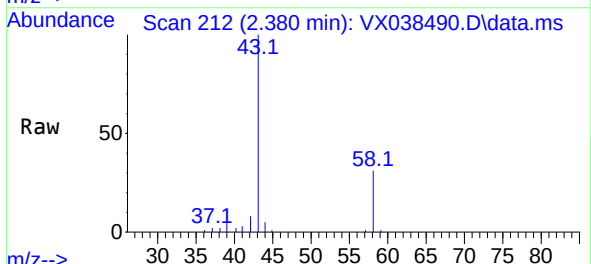
Instrument :
MSVOA_X
ClientSampleId :
343

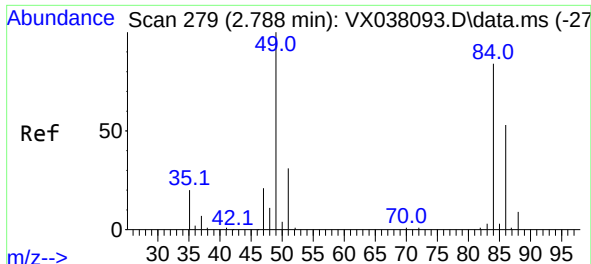
Tgt Ion:168 Resp: 179619
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#16
Acetone
Concen: 20.947 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

Tgt Ion: 43 Resp: 25257
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#20

Methylene Chloride

Concen: 2.735 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX038490.D

Acq: 25 Oct 2023 19:11

Instrument :

MSVOA_X

ClientSampleId :

343

Tgt Ion: 84 Resp: 6204

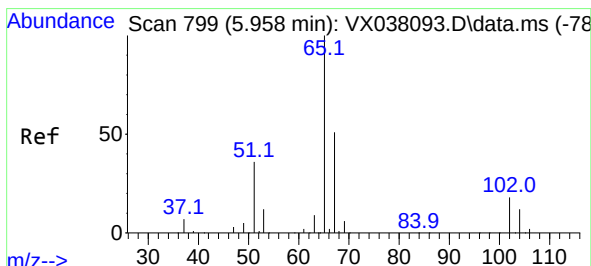
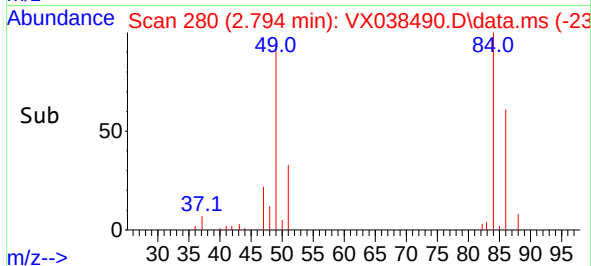
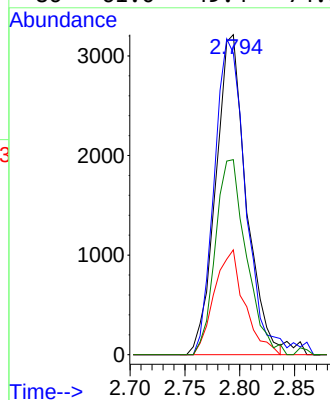
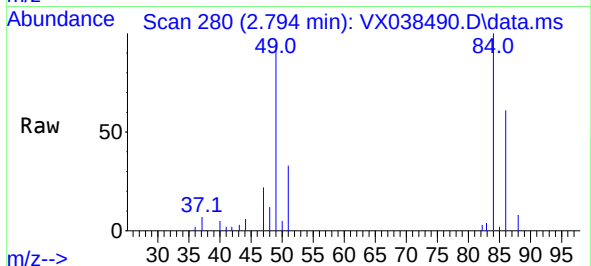
Ion Ratio Lower Upper

84 100

49 94.3 103.6 155.4#

51 32.7 33.8 50.6#

86 61.0 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 38.347 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038490.D

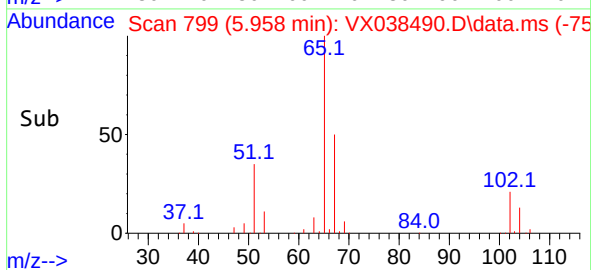
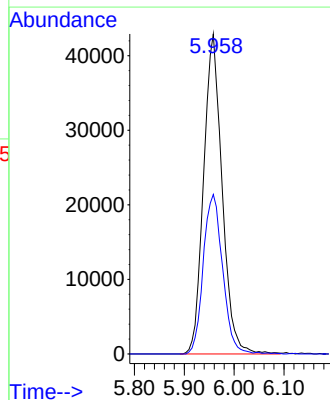
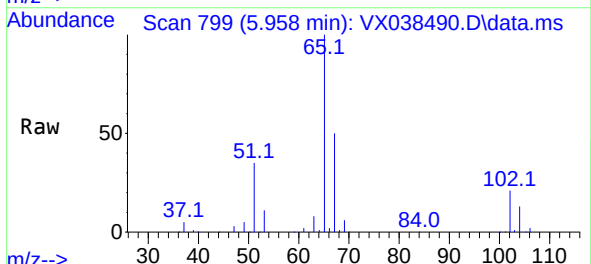
Acq: 25 Oct 2023 19:11

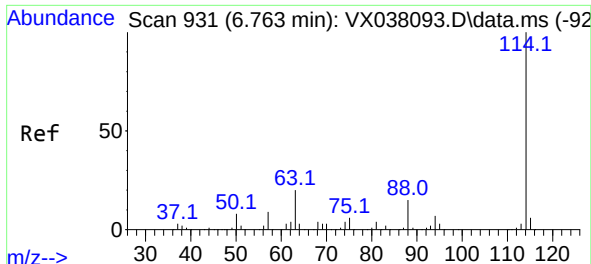
Tgt Ion: 65 Resp: 110788

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2

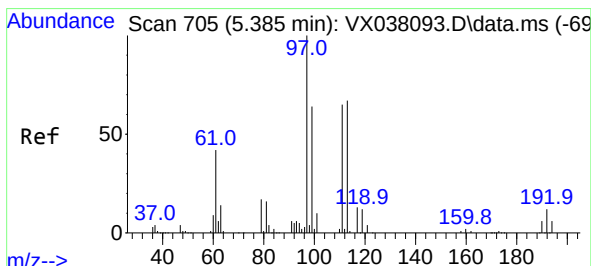
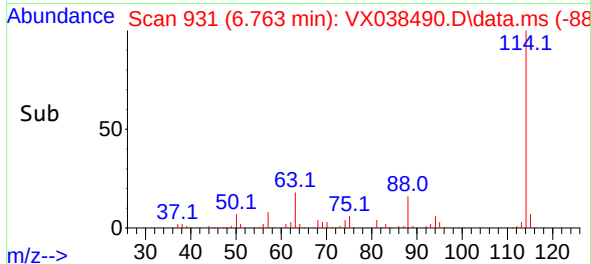
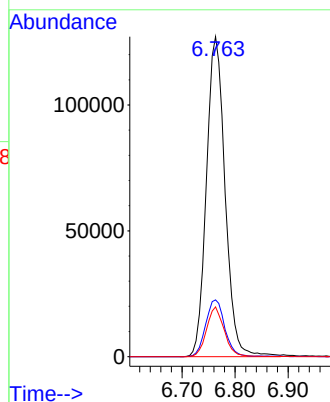
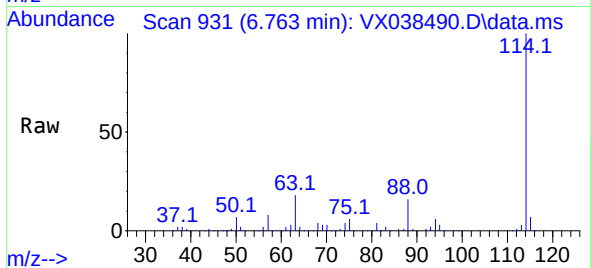




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

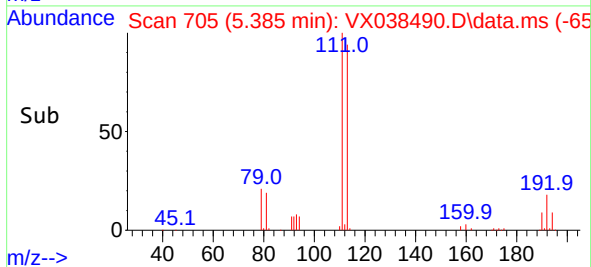
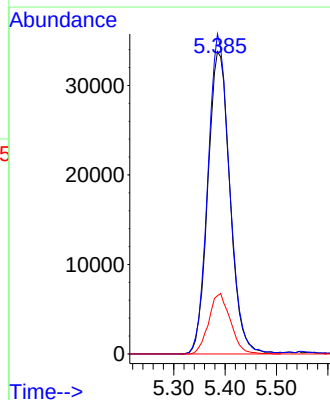
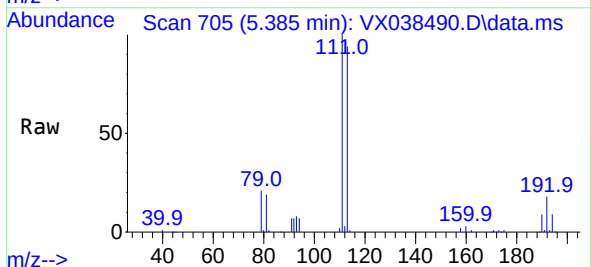
Instrument :
MSVOA_X
ClientSampleId :
343

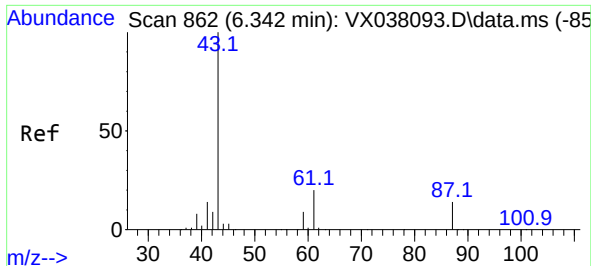
Tgt Ion:114 Resp: 310830
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.930 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

Tgt Ion:113 Resp: 100630
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.7 13.3 19.9

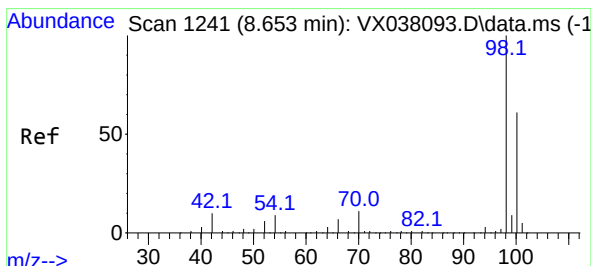
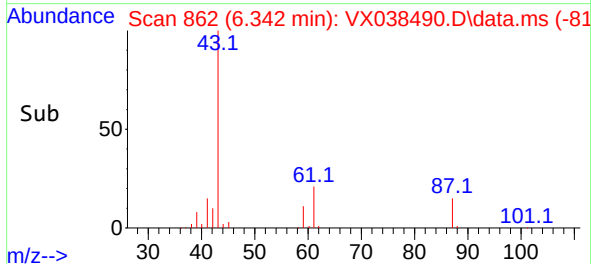
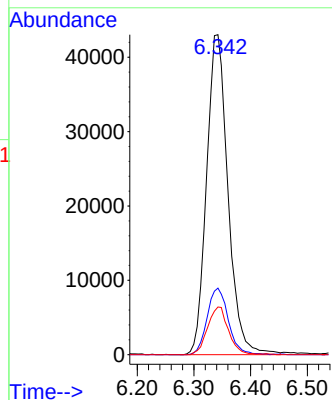
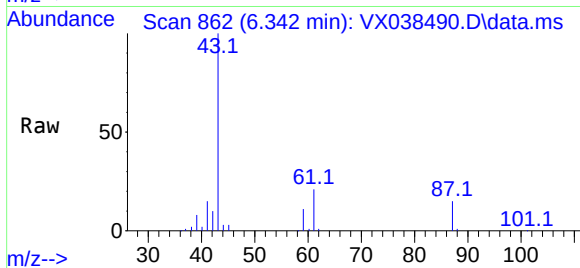




#43
Isopropyl Acetate
Concen: 20.638 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

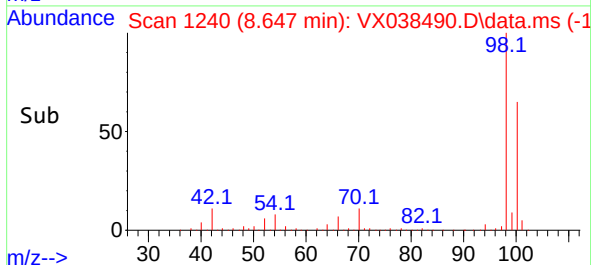
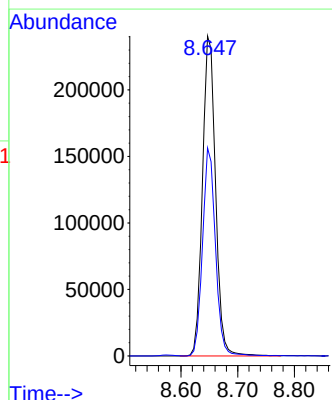
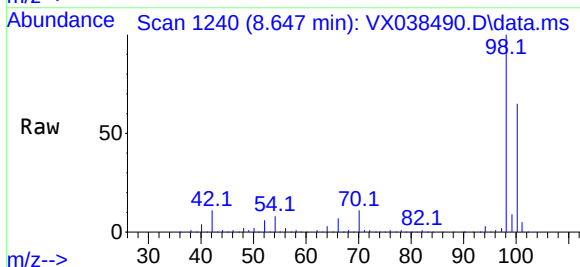
Instrument :
MSVOA_X
ClientSampleId :
343

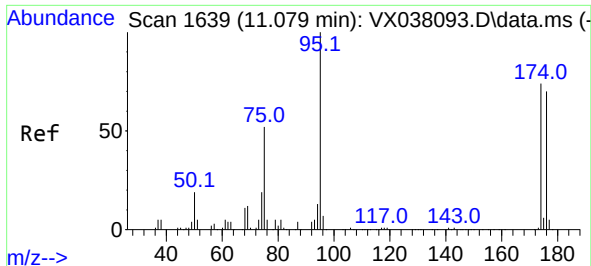
Tgt Ion: 43 Resp: 113008
Ion Ratio Lower Upper
43 100
61 20.5 15.2 22.8
87 14.5 9.8 14.6



#50
Toluene-d8
Concen: 45.073 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

Tgt Ion: 98 Resp: 385762
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

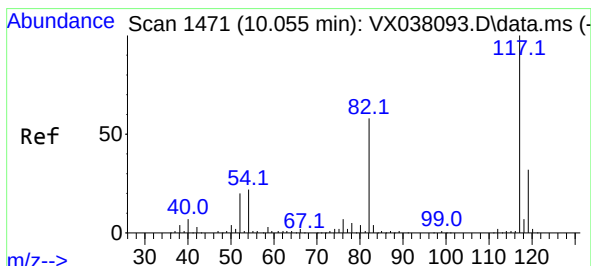
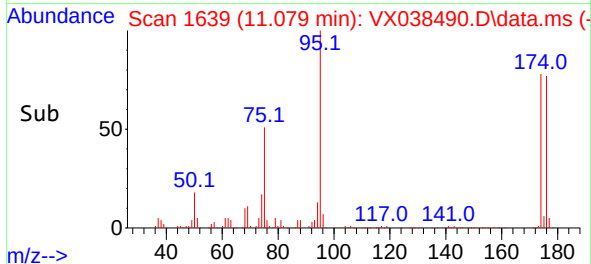
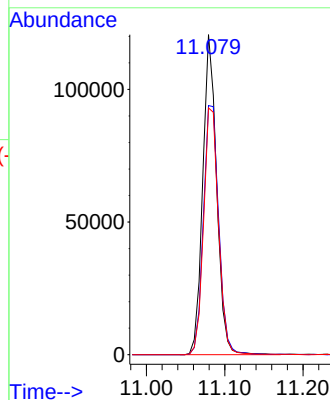
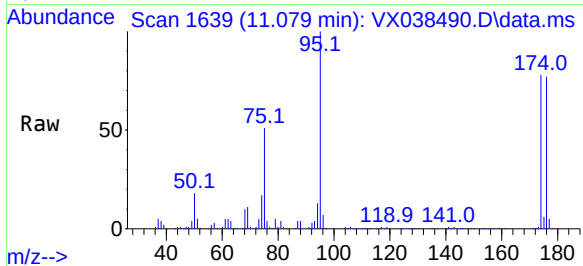




#62
4-Bromofluorobenzene
Concen: 45.869 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

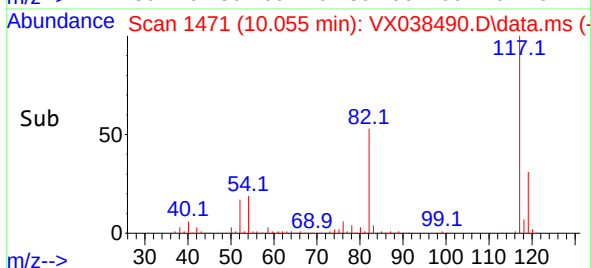
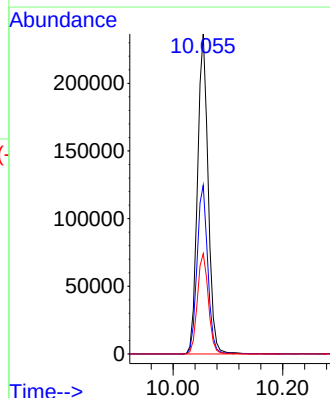
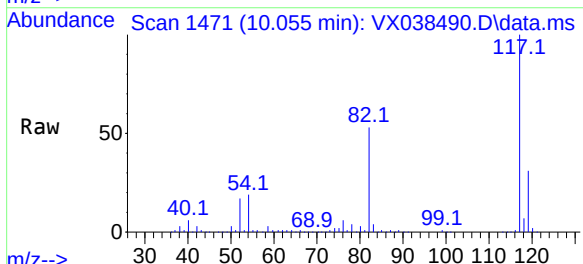
Instrument :
MSVOA_X
ClientSampleId :
343

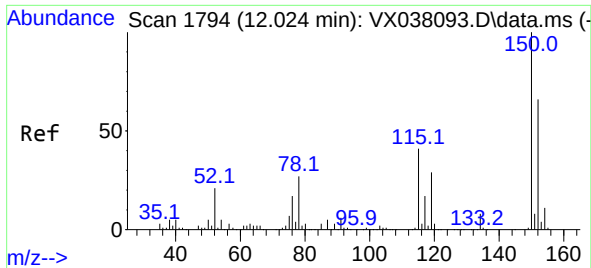
Tgt Ion: 95 Resp: 148829
Ion Ratio Lower Upper
95 100
174 85.8 0.0 135.6
176 82.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038490.D
Acq: 25 Oct 2023 19:11

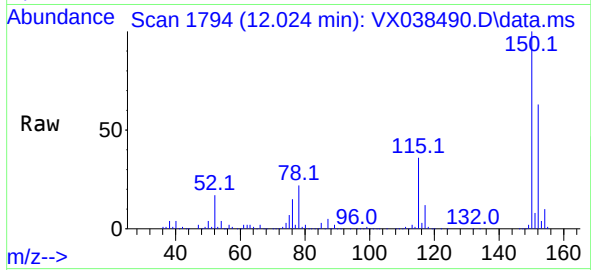
Tgt Ion: 117 Resp: 320791
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 31.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038490.D
 Acq: 25 Oct 2023 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 343



Tgt Ion:152 Resp: 171430
 Ion Ratio Lower Upper
 152 100
 115 58.3 43.3 129.9
 150 156.0 0.0 345.0

