

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038300.D
 Acq On : 16 Oct 2023 13:48
 Operator : JC/MD
 Sample : 04899-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:21:53 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	5.550	168	119882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86308	44.760	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.520%
35) Dibromofluoromethane	5.391	113	69038	44.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.760%
50) Toluene-d8	8.647	98	275875	46.408	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.079	95	108841	48.296	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.600%

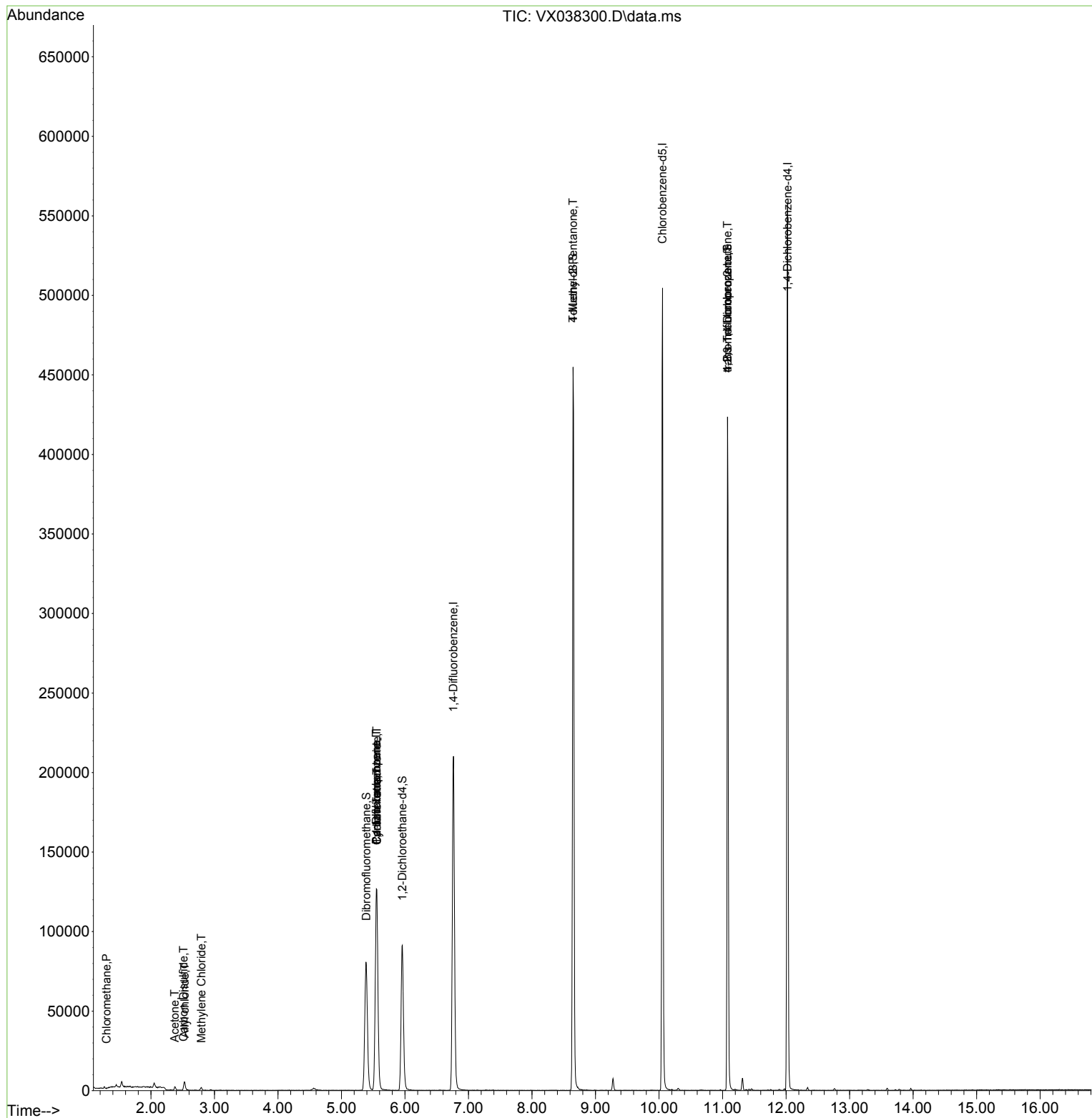
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	241	0.204 ug/l	#	43
5) Bromomethane	1.636	94	44	Below Cal	#	3
6) Chloroethane	1.678	64	144	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	249	Below Cal	#	78
14) Allyl chloride	2.532	41	627	0.320 ug/l	#	25
16) Acetone	2.373	43	2398	2.980 ug/l		100
17) Carbon Disulfide	2.514	76	746	0.236 ug/l	#	76
20) Methylene Chloride	2.794	84	722	0.477 ug/l	#	85
31) Cyclohexane	5.556	56	2928	1.402 ug/l	#	18
36) 1,1-Dichloropropene	5.550	75	9950	4.638 ug/l	#	51
38) Carbon Tetrachloride	5.556	117	13051	6.184 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	1284	0.489 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	59272	21.885 ug/l	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59272	62.782 ug/l	#	5

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

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Quant Time: Oct 17 01:21:53 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

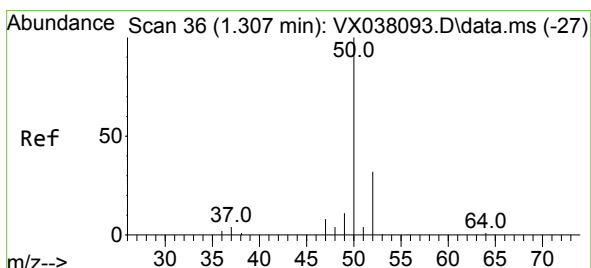
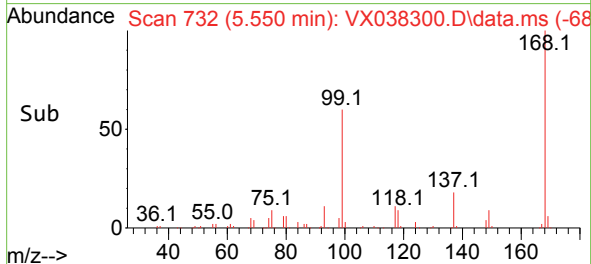
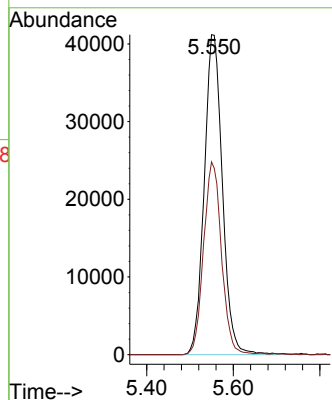
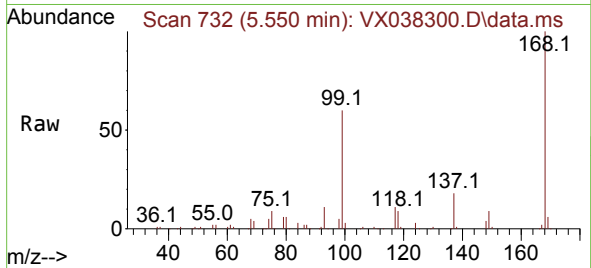




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

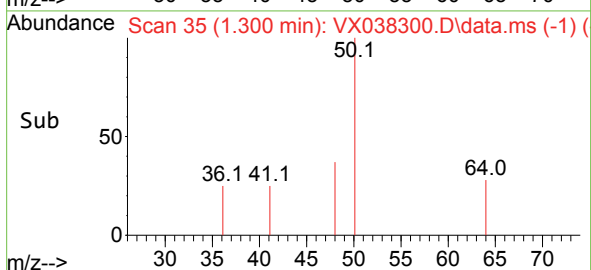
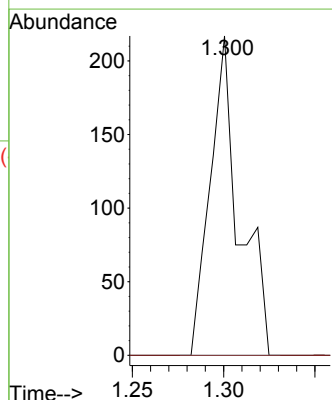
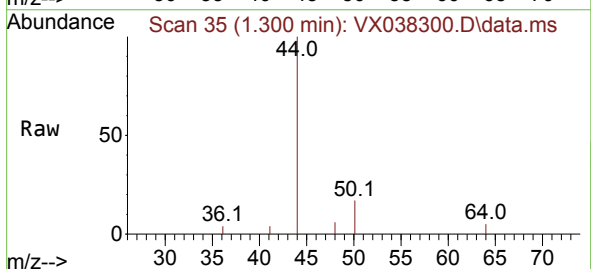
Instrument :
MSVOA_X
ClientSampleId :

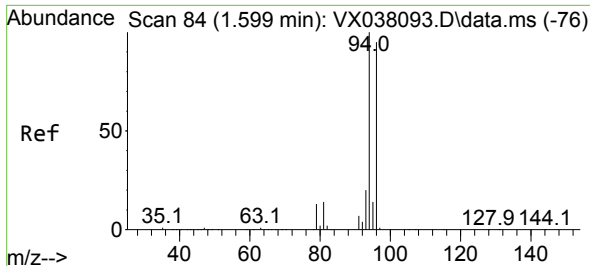
Tgt Ion:168 Resp: 119882
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

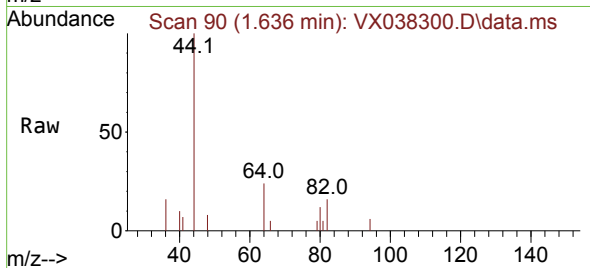
Tgt Ion: 50 Resp: 241
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



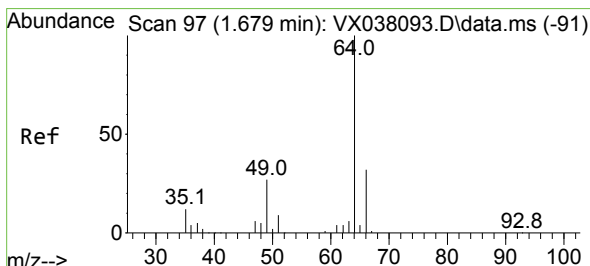
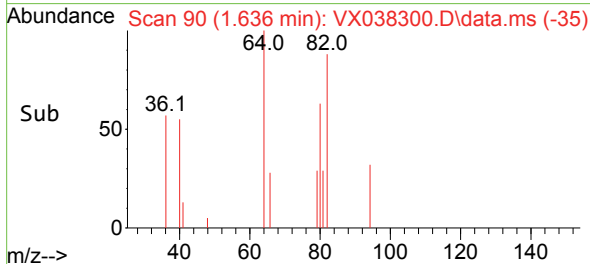
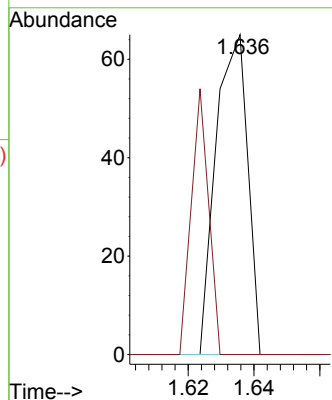


#5
Bromomethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

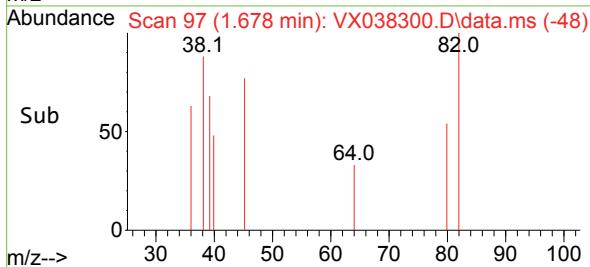
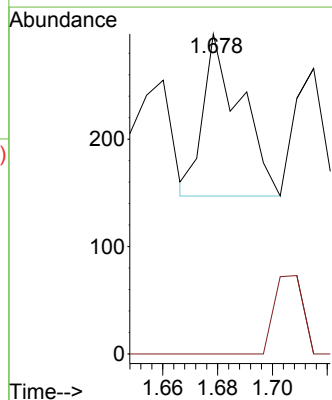
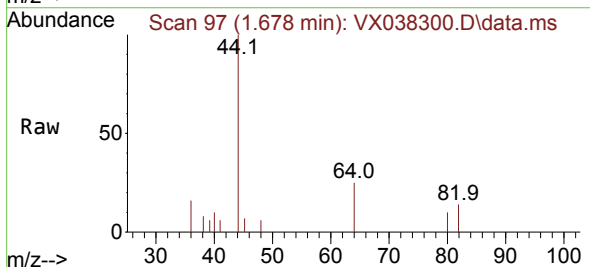


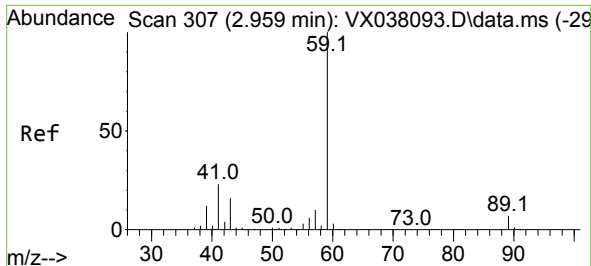
Tgt Ion: 94 Resp: 44
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Tgt Ion: 64 Resp: 144
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038300.D

Acq: 16 Oct 2023 13:48

Instrument :

MSVOA_X

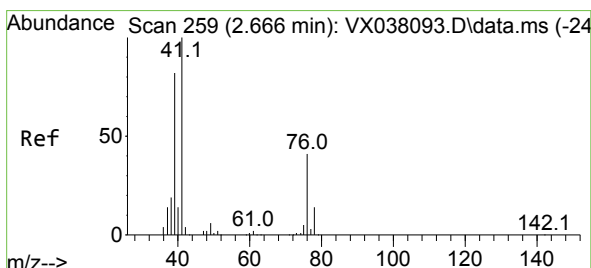
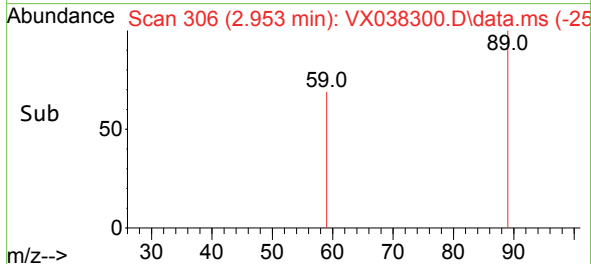
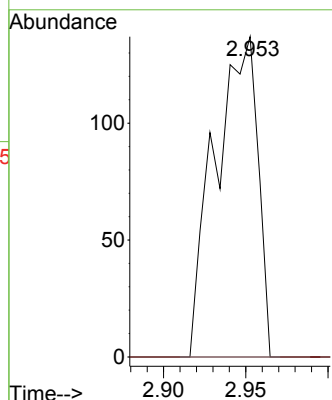
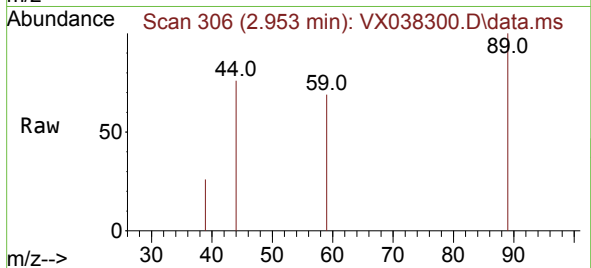
ClientSampleId :

Tgt Ion: 59 Resp: 249

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.320 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX038300.D

Acq: 16 Oct 2023 13:48

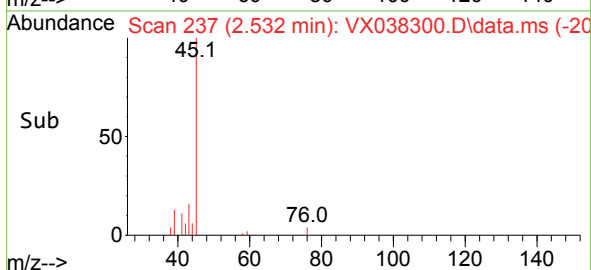
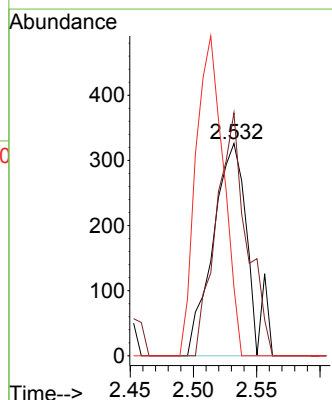
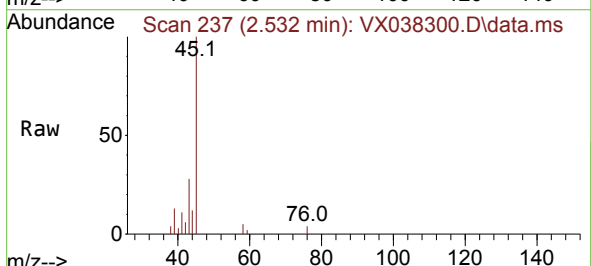
Tgt Ion: 41 Resp: 627

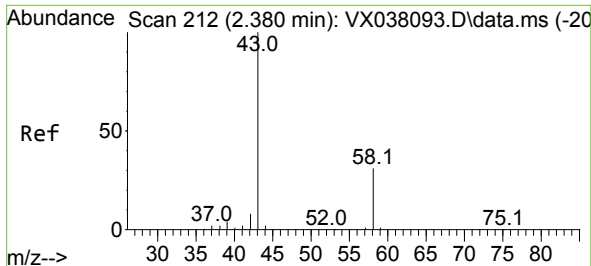
Ion Ratio Lower Upper

41 100

39 99.8 55.8 83.6#

76 119.0 24.3 36.5#

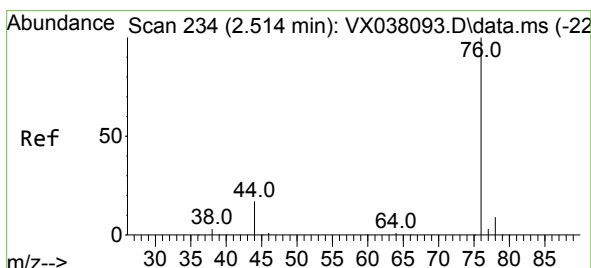
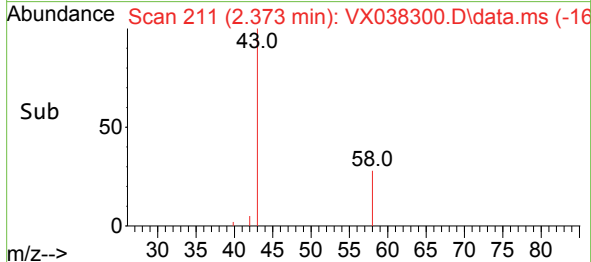
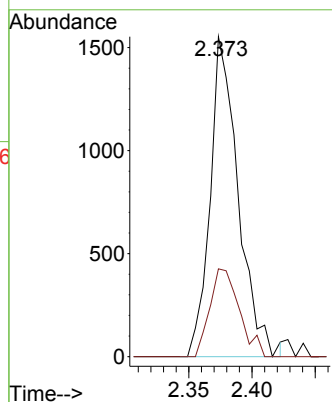
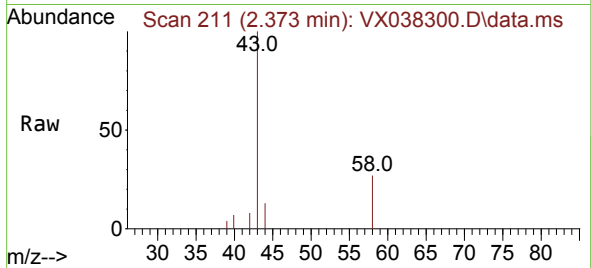




#16
Acetone
Concen: 2.980 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

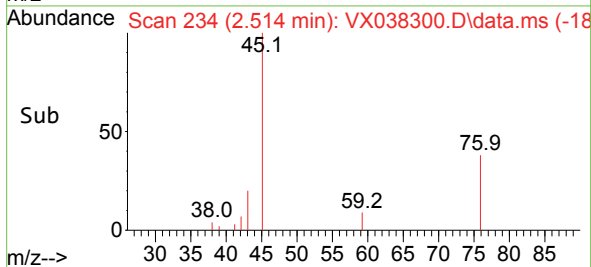
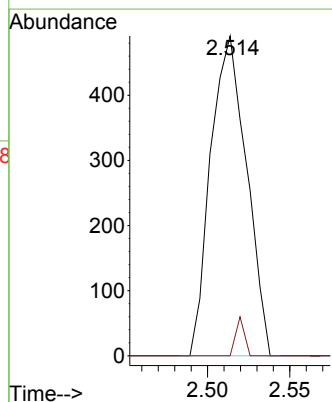
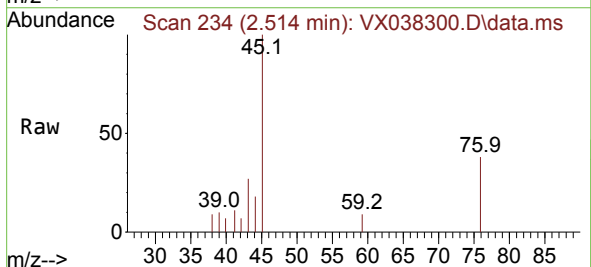
Instrument :
MSVOA_X
ClientSampleId :

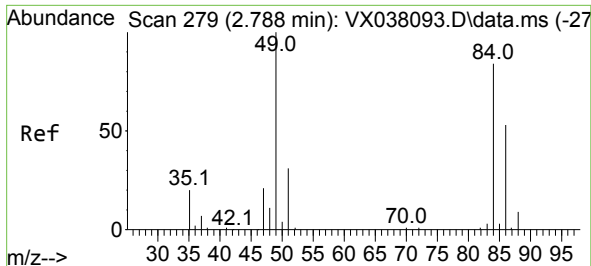
Tgt Ion: 43 Resp: 2398
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

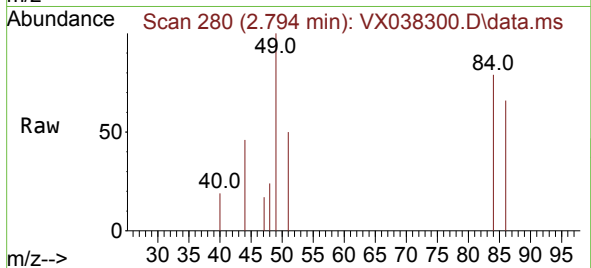
Tgt Ion: 76 Resp: 746
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





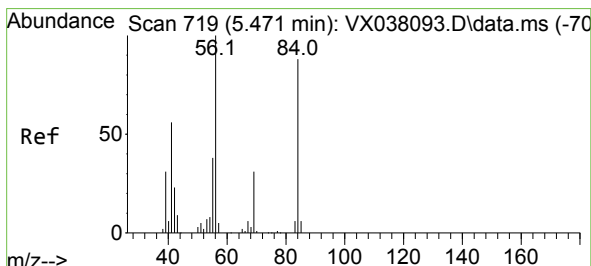
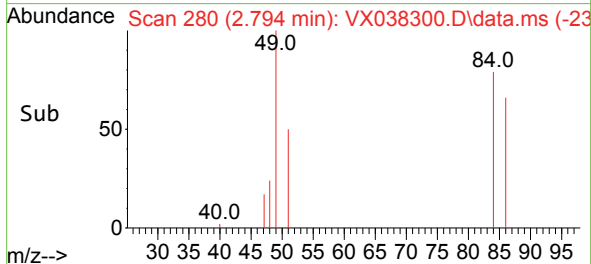
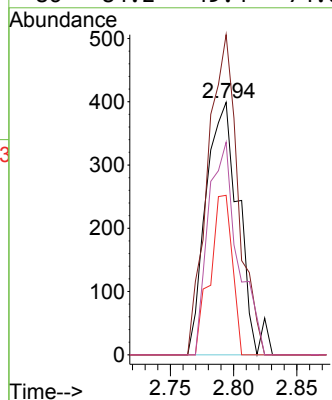
#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 722

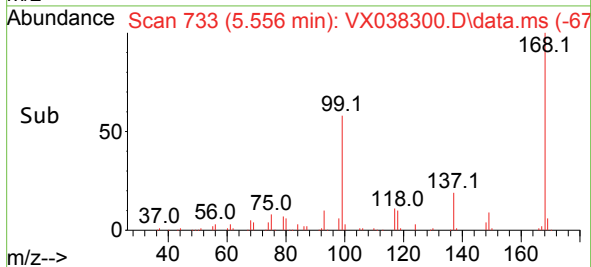
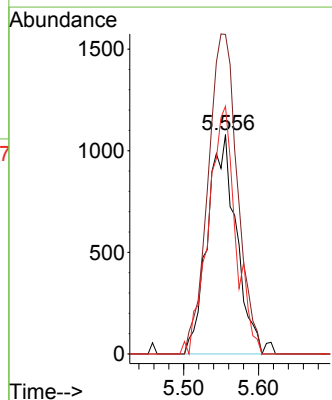
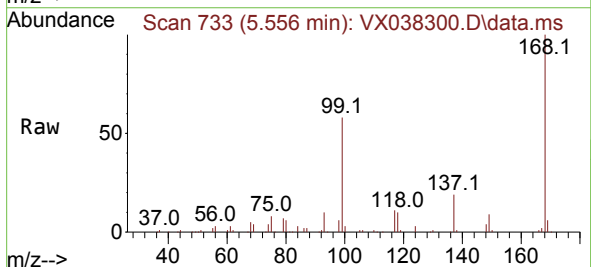
Ion	Ratio	Lower	Upper
84	100		
49	126.8	103.6	155.4
51	63.2	33.8	50.6#
86	84.2	49.4	74.0#

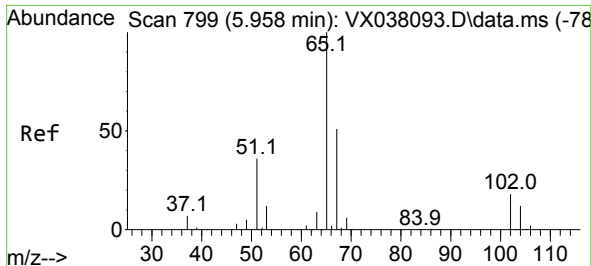


#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Tgt Ion: 56 Resp: 2928

Ion	Ratio	Lower	Upper
56	100		
69	145.6	23.4	35.2#
84	112.9	65.9	98.9#

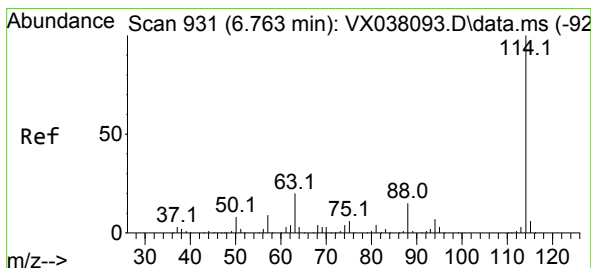
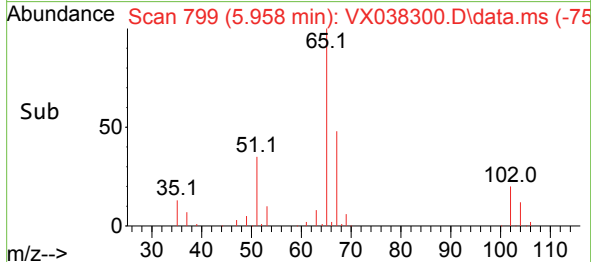
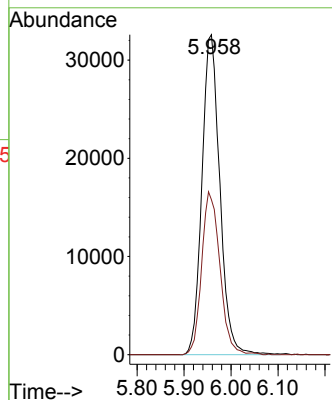
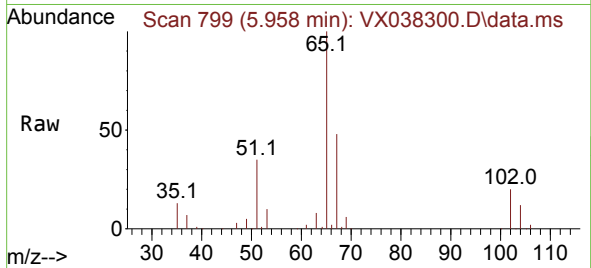




#33
 1,2-Dichloroethane-d4
 Concen: 44.760 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038300.D
 Acq: 16 Oct 2023 13:48

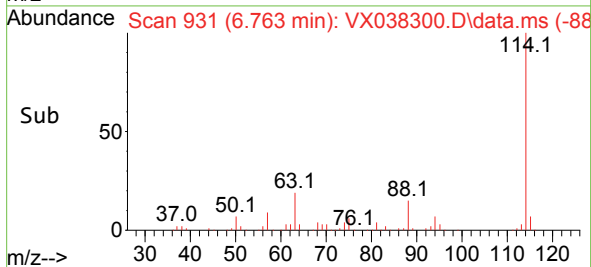
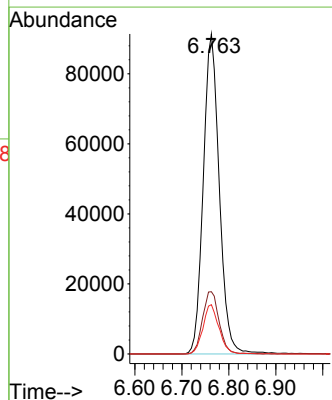
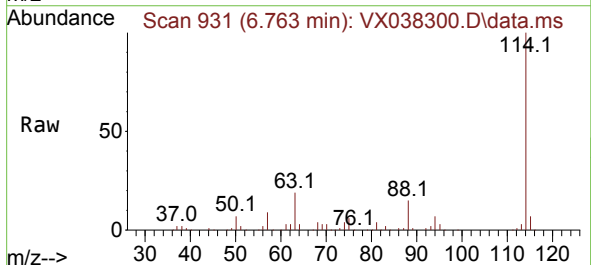
Instrument :
 MSVOA_X
 ClientSampleId :

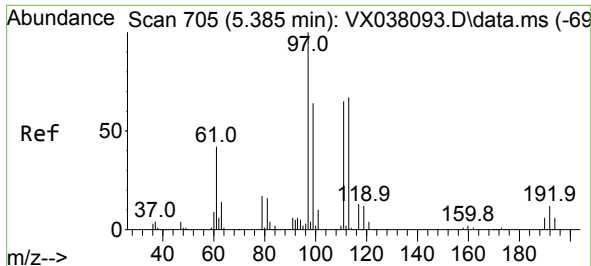
Tgt Ion: 65 Resp: 86308
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038300.D
 Acq: 16 Oct 2023 13:48

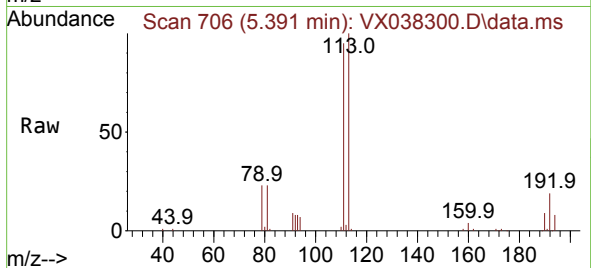
Tgt Ion:114 Resp: 215894
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 45.0
 88 15.4 0.0 36.6



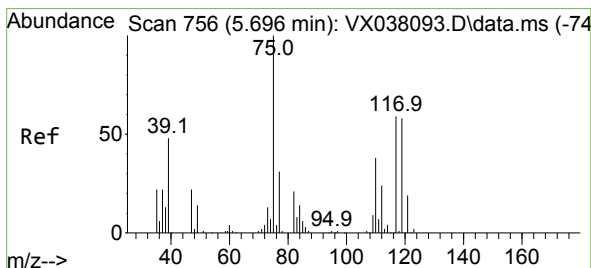
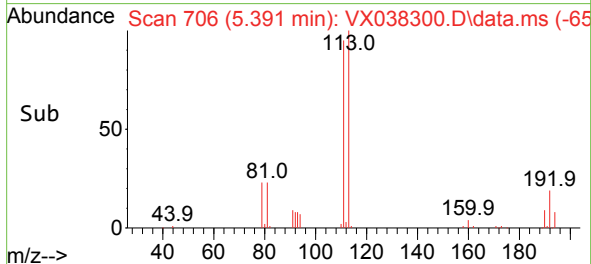
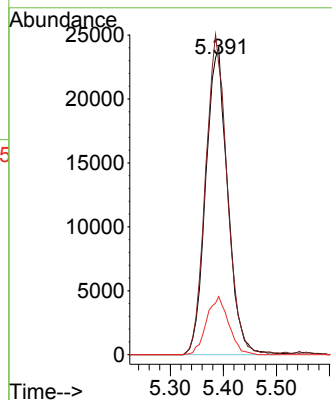


#35
Dibromofluoromethane
Concen: 44.379 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

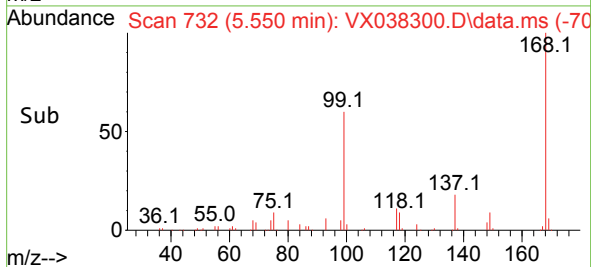
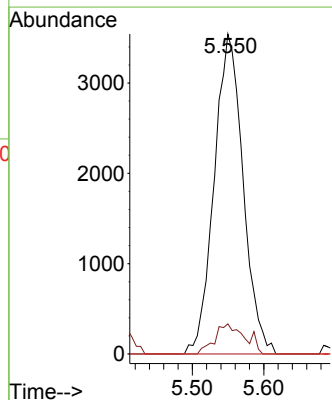
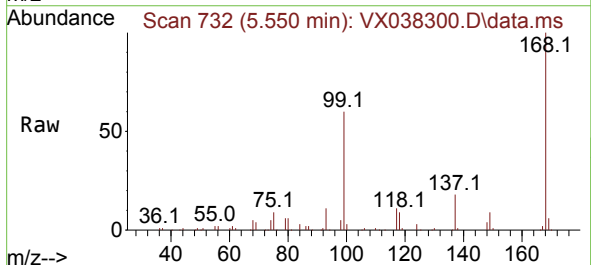


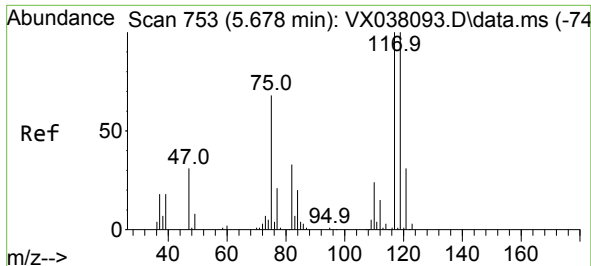
Tgt Ion:113 Resp: 69038
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.638 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

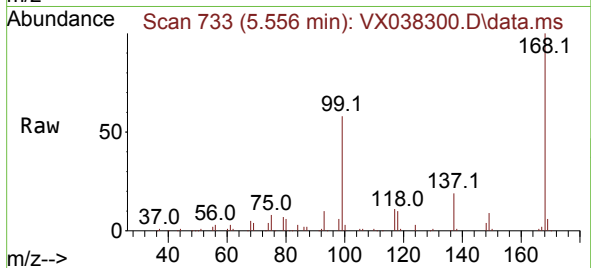
Tgt Ion: 75 Resp: 9950
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



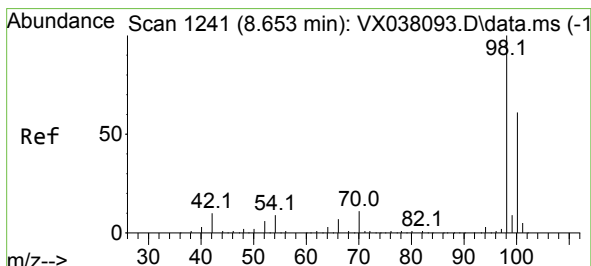
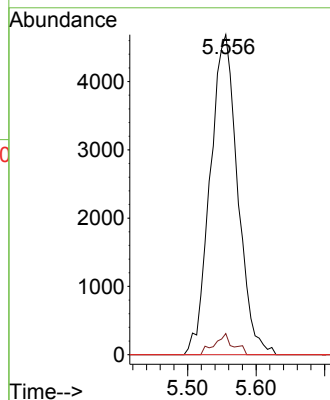
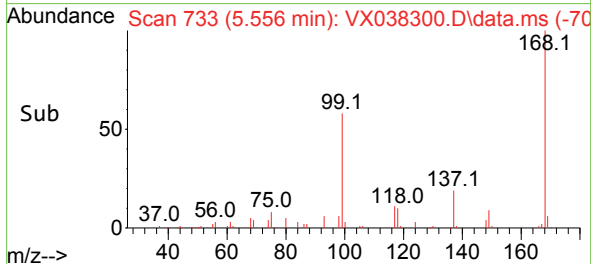


#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :

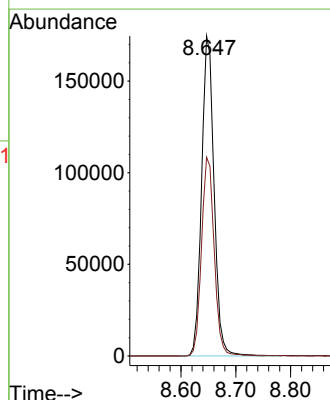
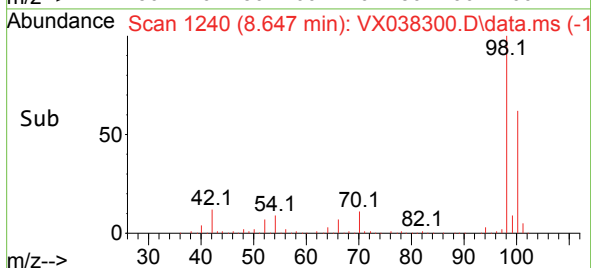
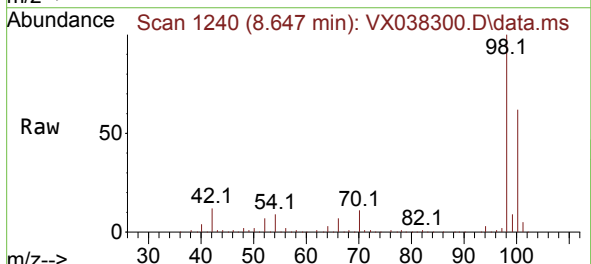


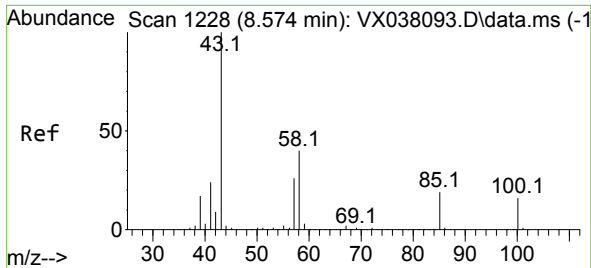
Tgt Ion:117 Resp: 13051
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.408 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

Tgt Ion: 98 Resp: 275875
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7

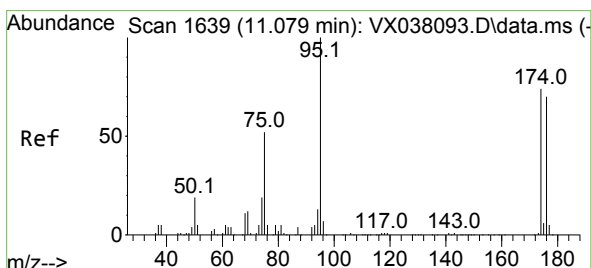
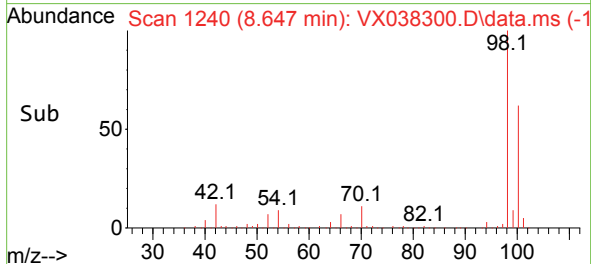
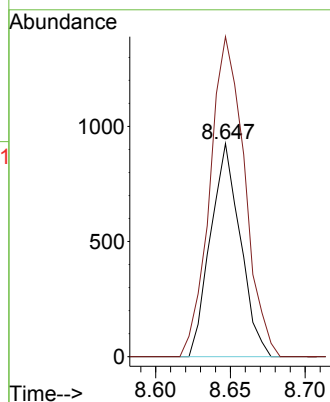
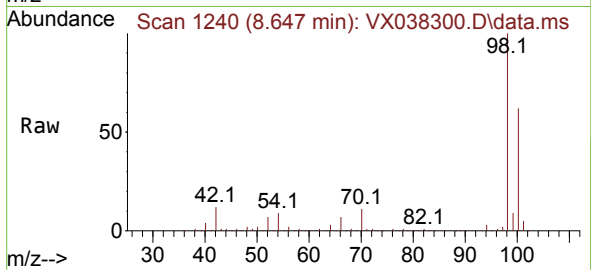




#51
4-Methyl-2-Pentanone
Concen: 0.489 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

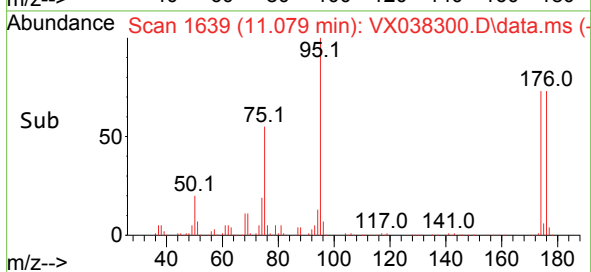
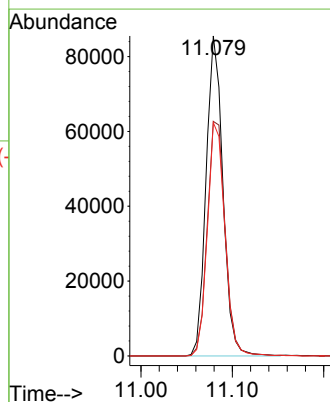
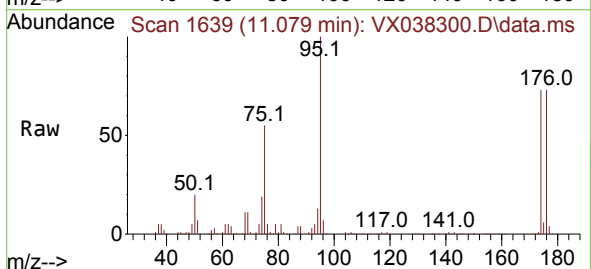
Instrument :
MSVOA_X
ClientSampleId :

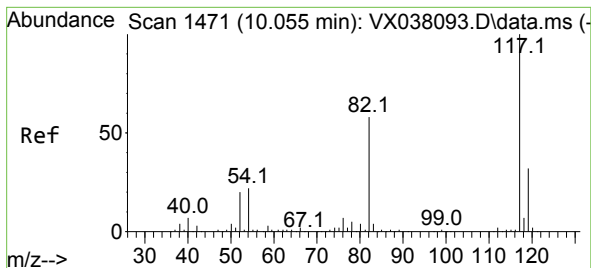
Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 174.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

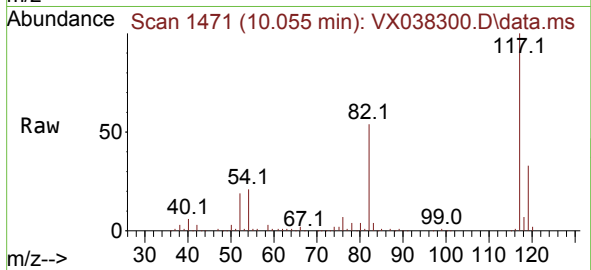
Tgt Ion: 95 Resp: 108841
Ion Ratio Lower Upper
95 100
174 78.7 0.0 135.6
176 76.1 0.0 131.0



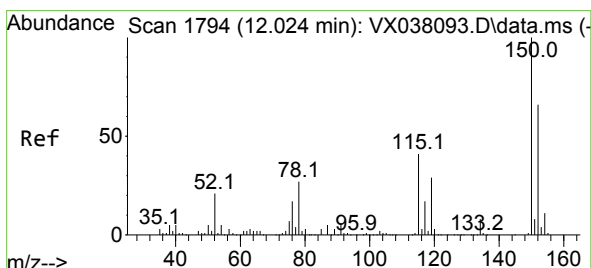
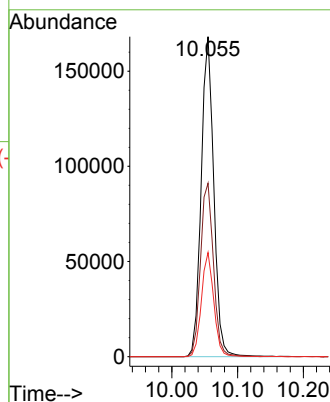
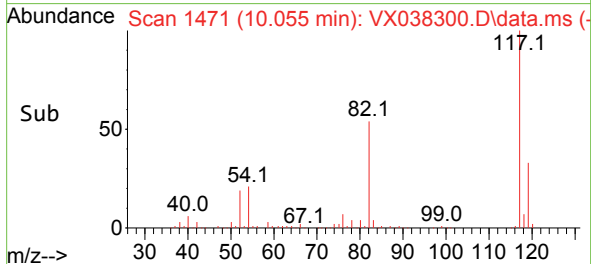


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48

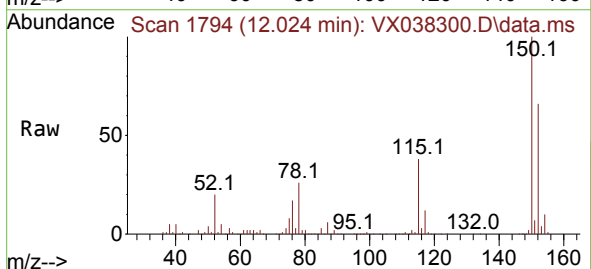
Instrument :
MSVOA_X
ClientSampleId :



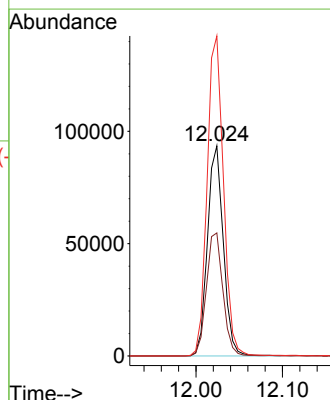
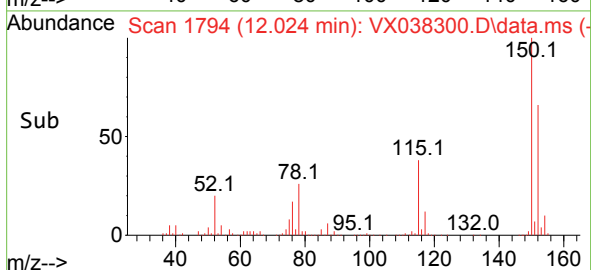
Tgt Ion:117 Resp: 223933
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.5 25.5 38.3

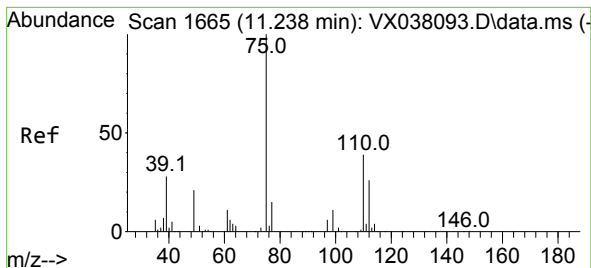


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038300.D
Acq: 16 Oct 2023 13:48



Tgt Ion:152 Resp: 119131
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.885 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038300.D

Acq: 16 Oct 2023 13:48

Instrument :

MSVOA_X

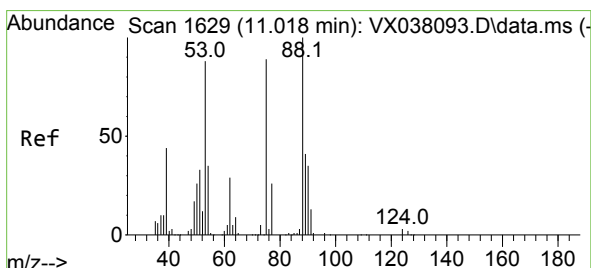
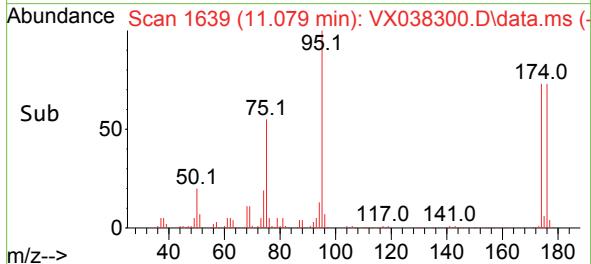
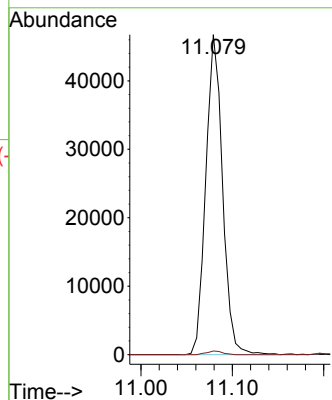
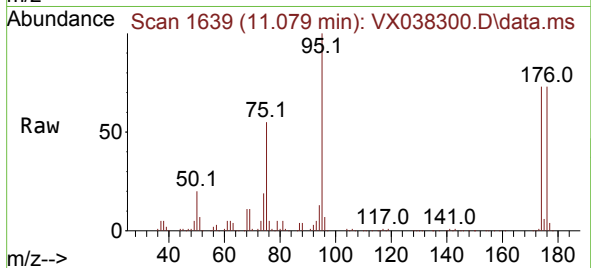
ClientSampleId :

Tgt Ion: 75 Resp: 59272

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.782 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038300.D

Acq: 16 Oct 2023 13:48

Tgt Ion: 75 Resp: 59272

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

