

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038425.D
 Acq On : 23 Oct 2023 12:22
 Operator : JC/MD
 Sample : 05005-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:00:22 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)

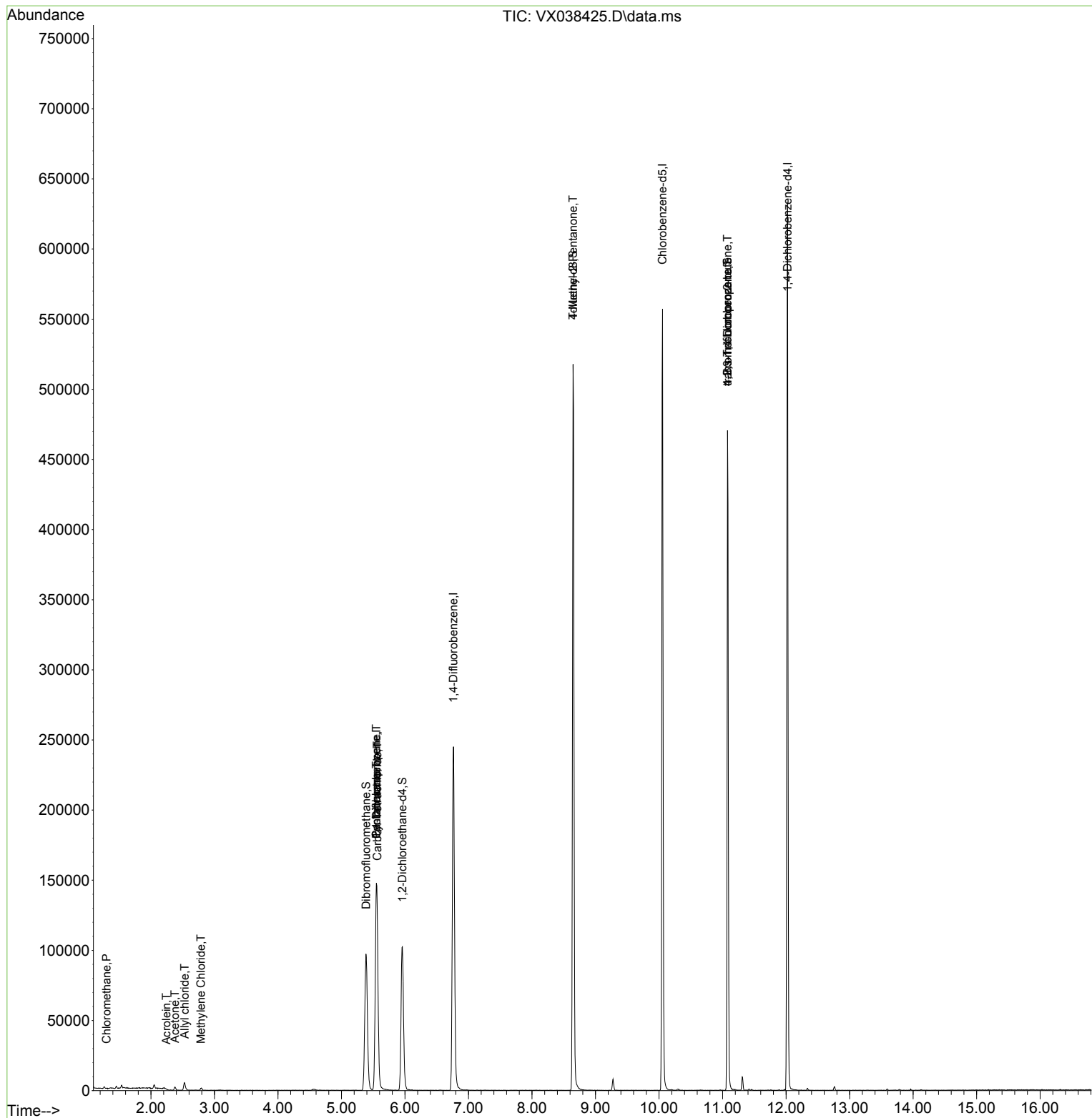
Internal Standards						
1) Pentafluorobenzene	5.550	168	144860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258780	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100178	42.995	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.000%
35) Dibromofluoromethane	5.385	113	84769	45.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	8.647	98	317733	44.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.180%#
62) 4-Bromofluorobenzene	11.079	95	121050	44.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.620%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	356	0.250	ug/l #	77
5) Bromomethane	1.544	94	80	Below Cal	#	3
6) Chloroethane	1.678	64	23	Below Cal	#	43
13) Acrolein	2.239	56	120	0.362	ug/l	91
14) Allyl chloride	2.532	41	678	0.286	ug/l #	71
16) Acetone	2.380	43	2606	2.680	ug/l	98
20) Methylene Chloride	2.788	84	920	0.503	ug/l #	80
31) Cyclohexane	5.550	56	3340	1.323	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	11784	4.583	ug/l #	51
38) Carbon Tetrachloride	5.562	117	15002	5.931	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1453	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	63957	20.957	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	63957	60.290	ug/l #	5

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 24 00:00:22 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

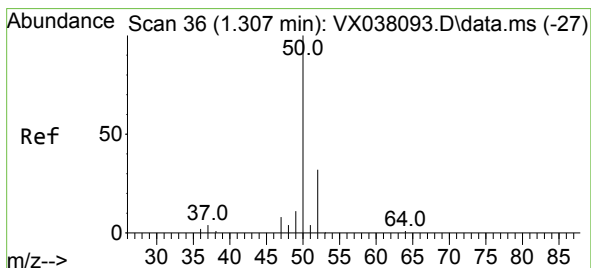
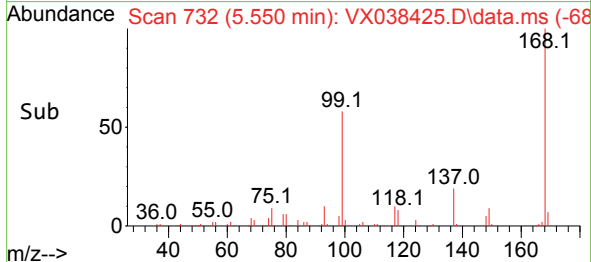
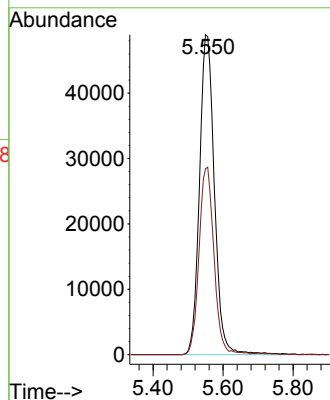
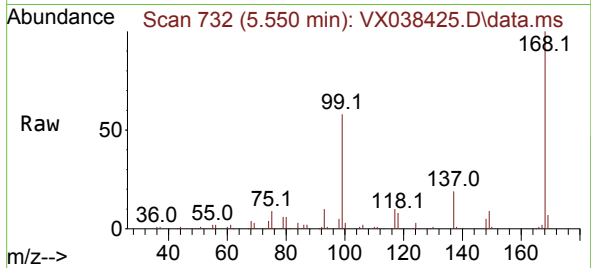




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

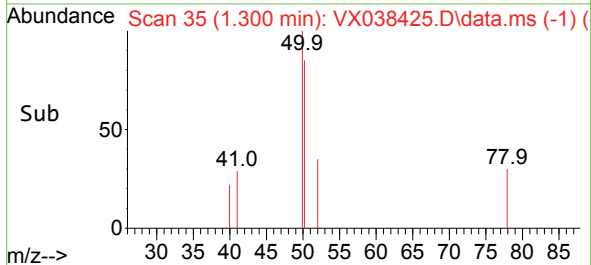
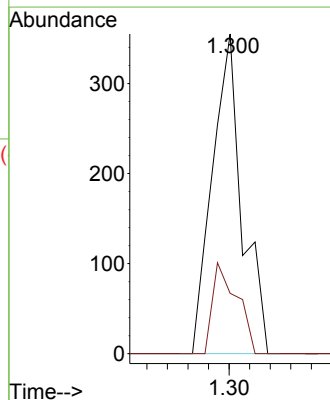
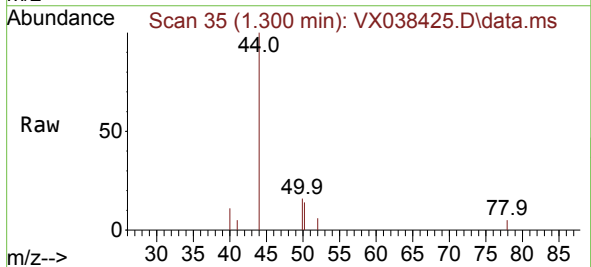
Instrument :
MSVOA_X
ClientSampleId :

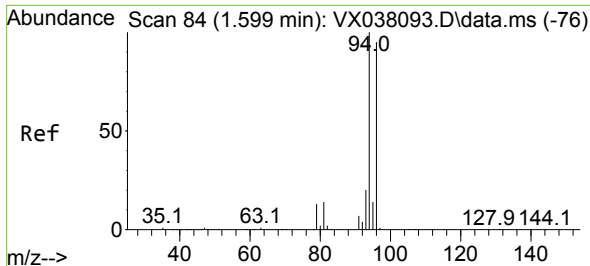
Tgt Ion:168 Resp: 144860
Ion Ratio Lower Upper
168 100
99 58.1 56.6 85.0



#3
Chloromethane
Concen: 0.250 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 18.9 25.5 38.3#

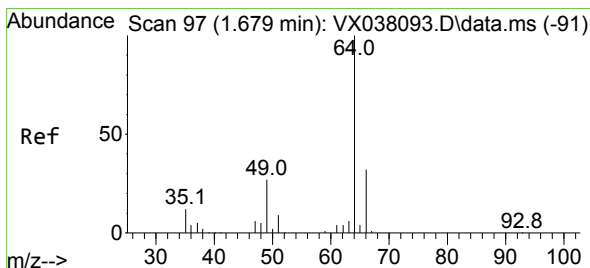
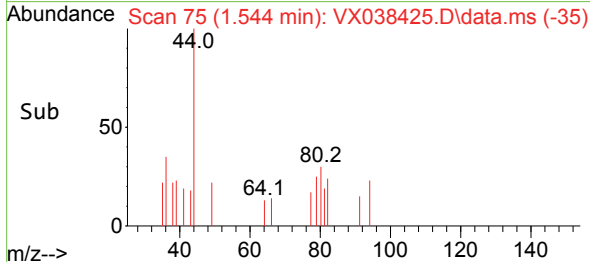
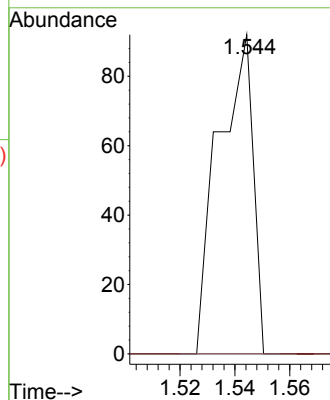
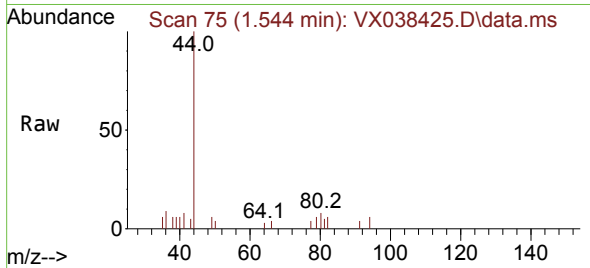




#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 71
Delta R.T. -0.055 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

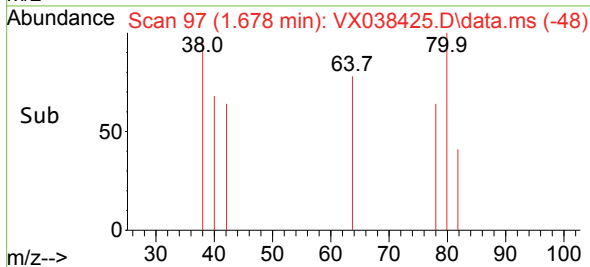
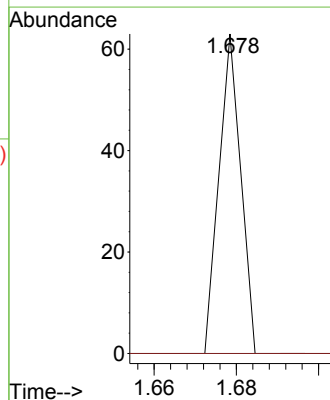
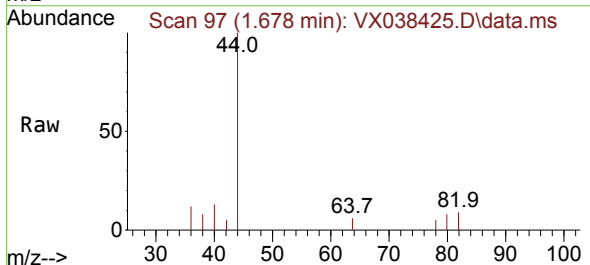
Instrument :
MSVOA_X
ClientSampleId :

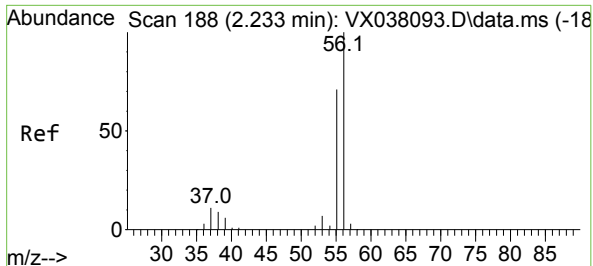
Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#13

Acrolein

Concen: 0.362 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038425.D

Acq: 23 Oct 2023 12:22

Instrument :

MSVOA_X

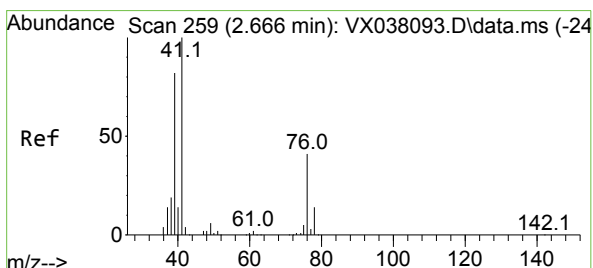
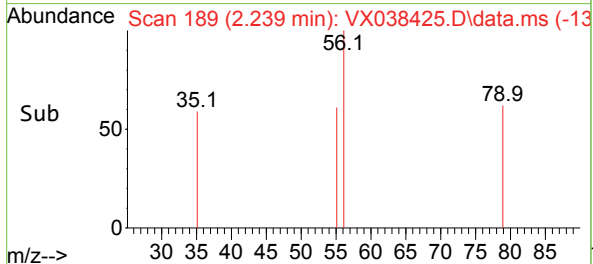
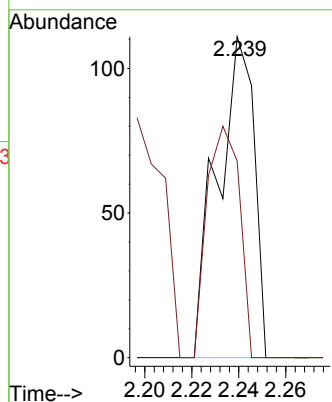
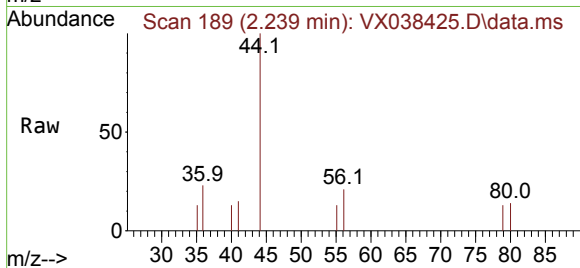
ClientSampleId :

Tgt Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

55 64.2 57.1 85.7



#14

Allyl chloride

Concen: 0.286 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.128 min

Lab File: VX038425.D

Acq: 23 Oct 2023 12:22

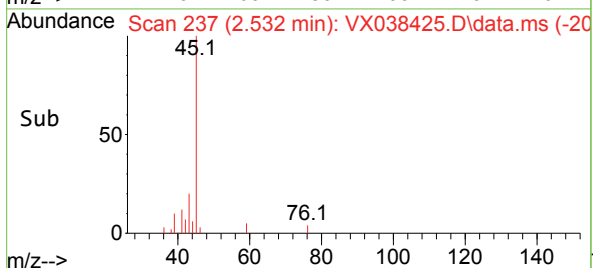
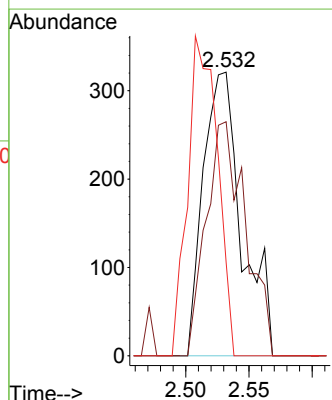
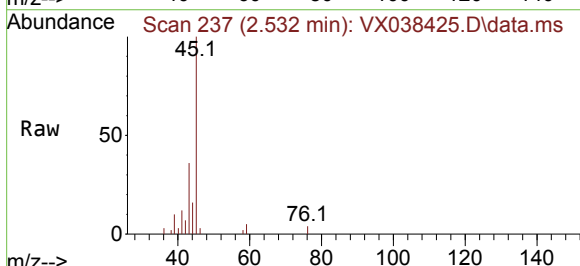
Tgt Ion: 41 Resp: 678

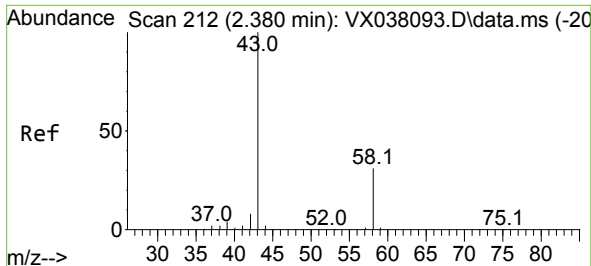
Ion Ratio Lower Upper

41 100

39 84.4 55.8 83.6#

76 0.0 24.3 36.5#

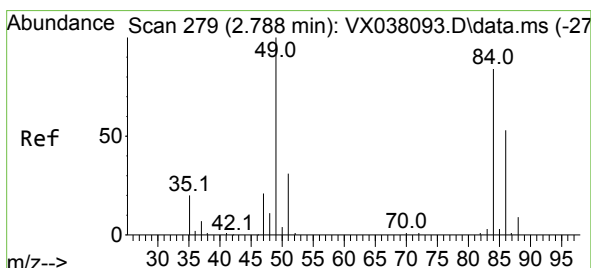
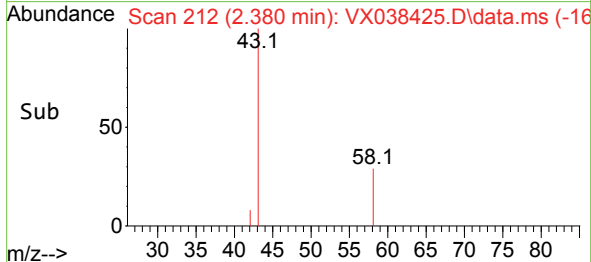
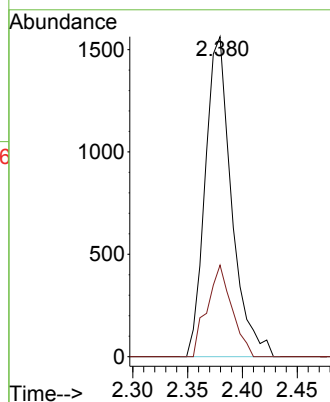
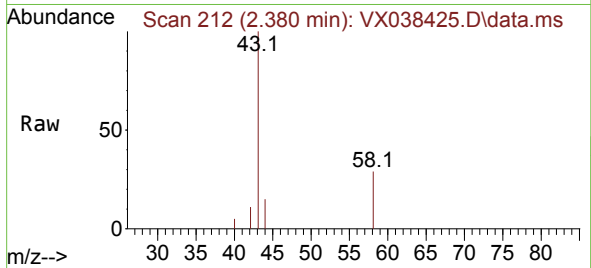




#16
Acetone
Concen: 2.680 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

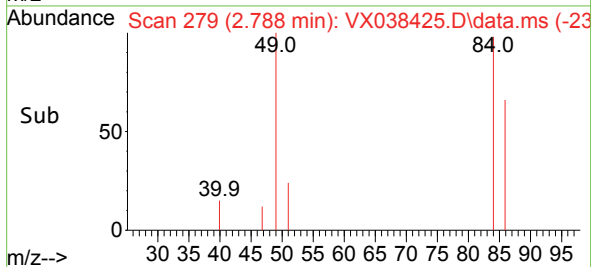
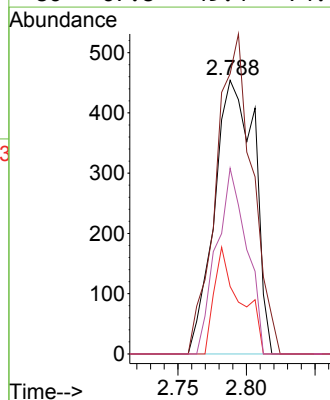
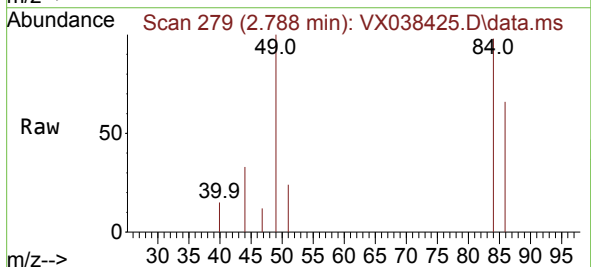
Instrument :
MSVOA_X
ClientSampleId :

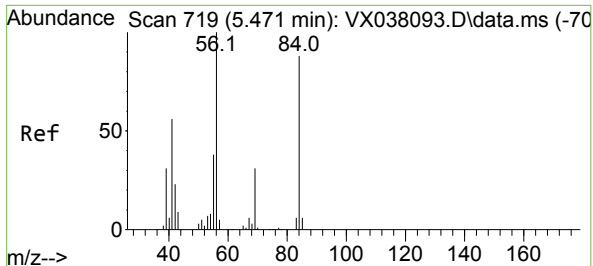
Tgt Ion: 43 Resp: 2606
Ion Ratio Lower Upper
43 100
58 28.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

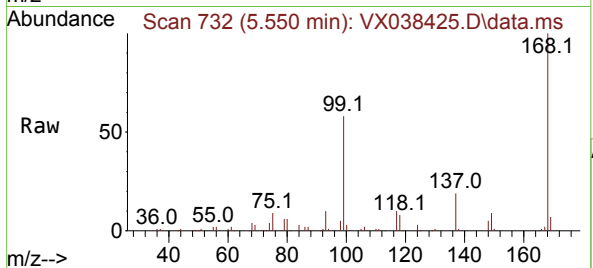
Tgt Ion: 84 Resp: 920
Ion Ratio Lower Upper
84 100
49 102.4 103.6 155.4#
51 24.7 33.8 50.6#
86 67.8 49.4 74.0



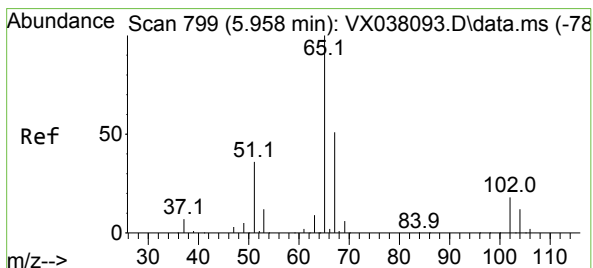
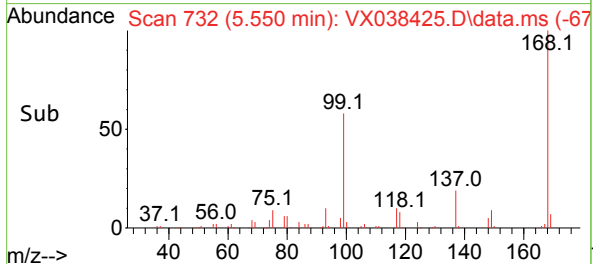
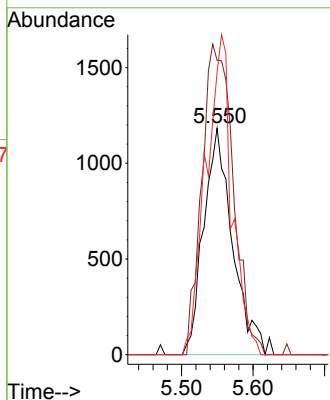


#31
Cyclohexane
Concen: 1.323 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :

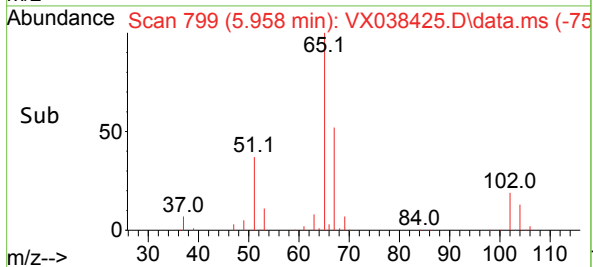
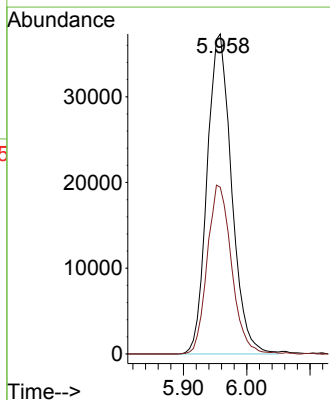
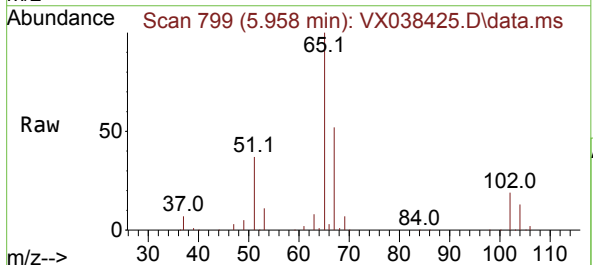


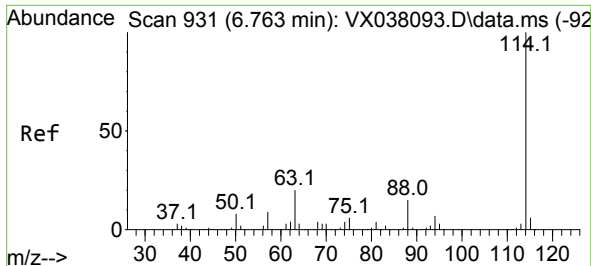
Tgt Ion: 56 Resp: 3340
Ion Ratio Lower Upper
56 100
69 130.0 23.4 35.2#
84 124.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.995 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion: 65 Resp: 100178
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

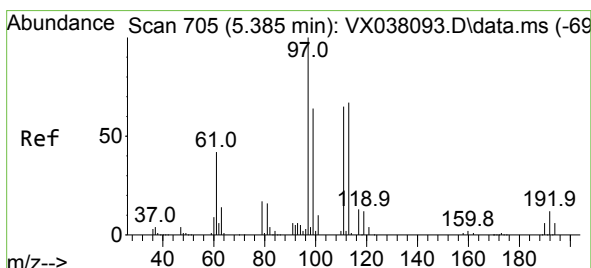
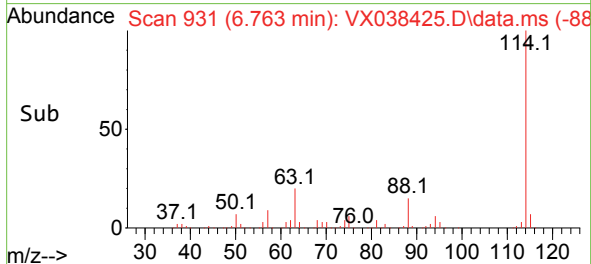
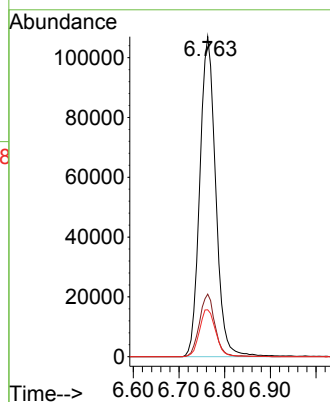
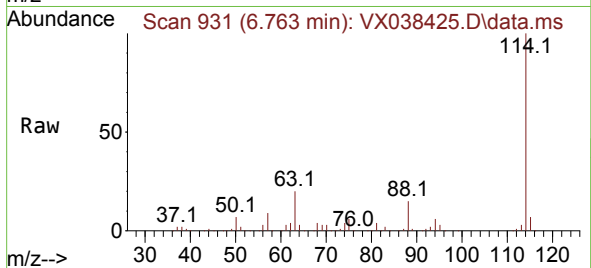




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

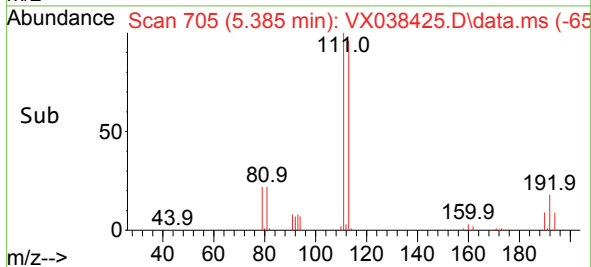
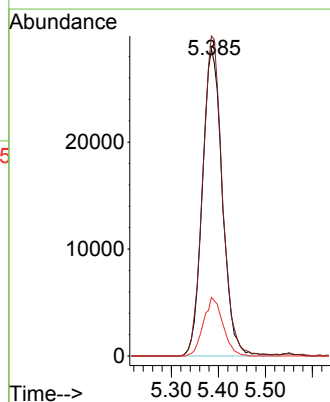
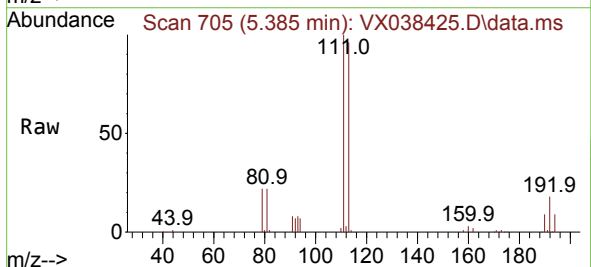
Instrument :
MSVOA_X
ClientSampleId :

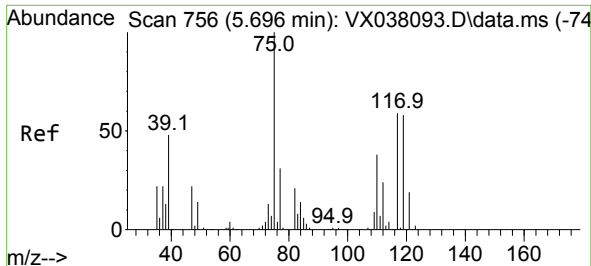
Tgt Ion:114 Resp: 258780
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.461 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion:113 Resp: 84769
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.6 13.3 19.9

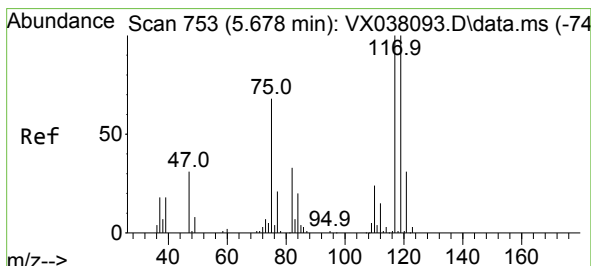
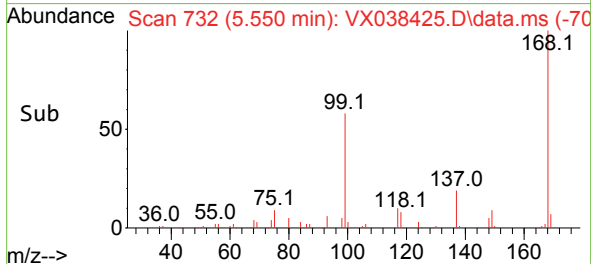
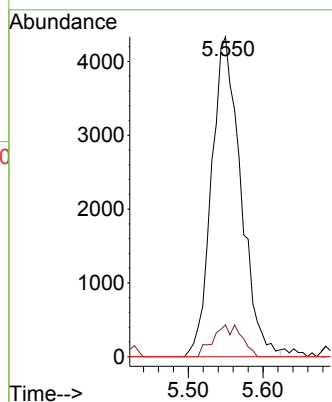
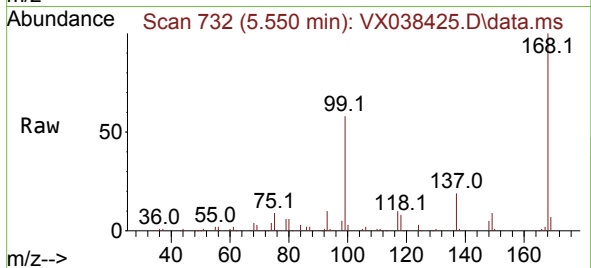




#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

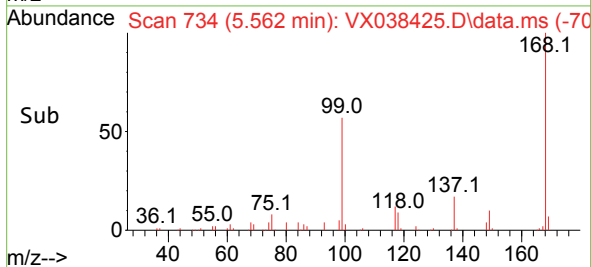
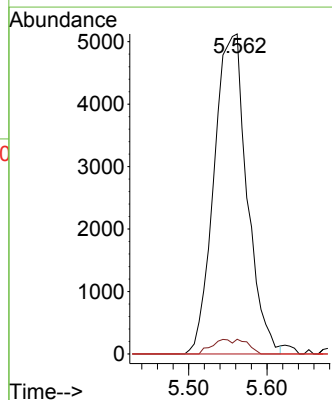
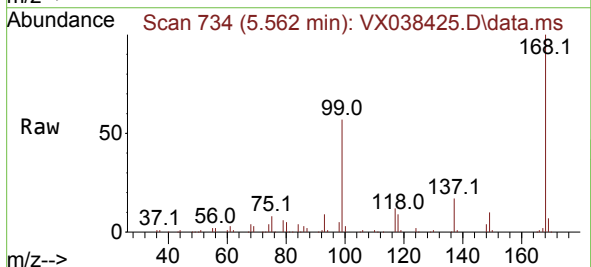
Instrument :
 MSVOA_X
 ClientSampleId :

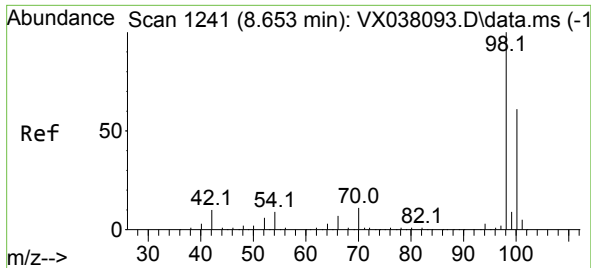
Tgt Ion: 75 Resp: 11784
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.931 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.116 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

Tgt Ion: 117 Resp: 15002
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.2 117.2#
 121 0.0 24.4 36.6#

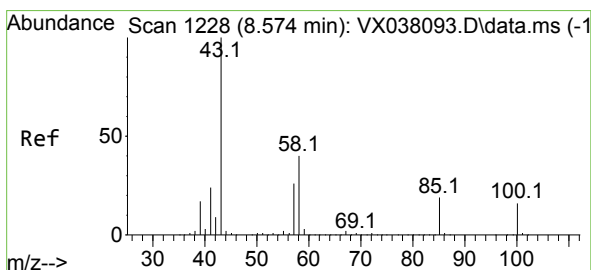
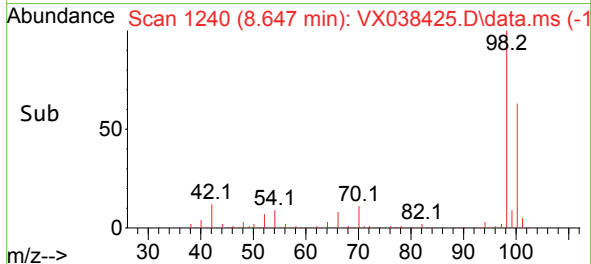
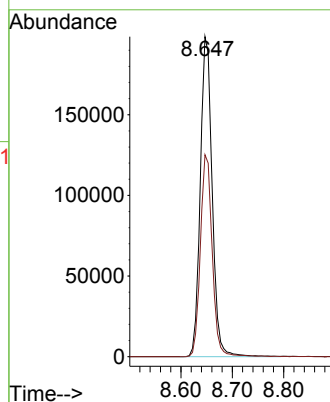
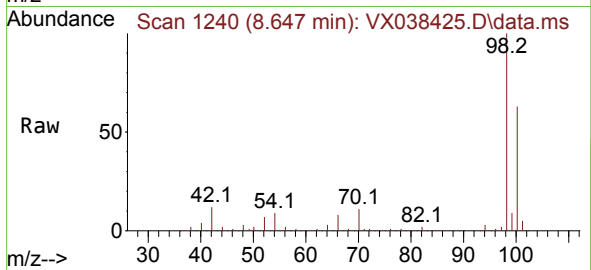




#50
Toluene-d8
Concen: 44.592 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

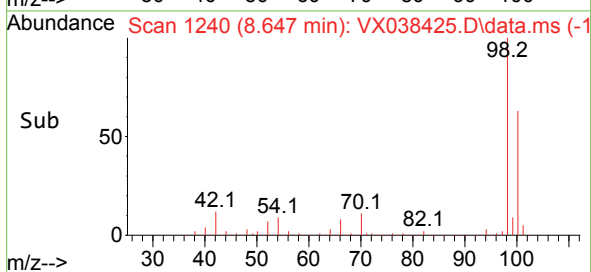
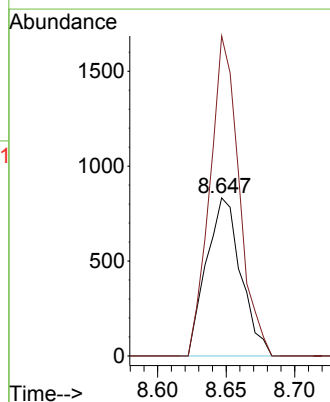
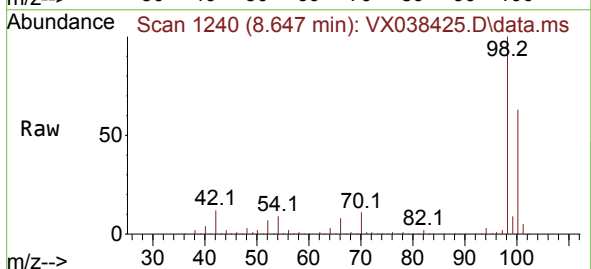
Instrument :
MSVOA_X
ClientSampleId :

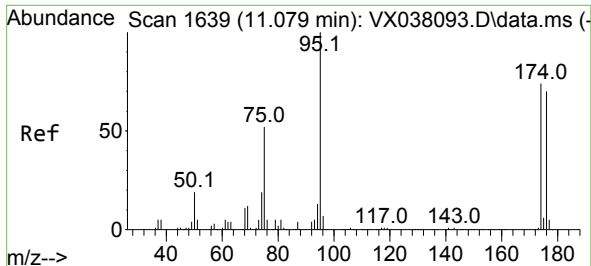
Tgt Ion: 98 Resp: 317733
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
58 172.2 30.4 45.6#

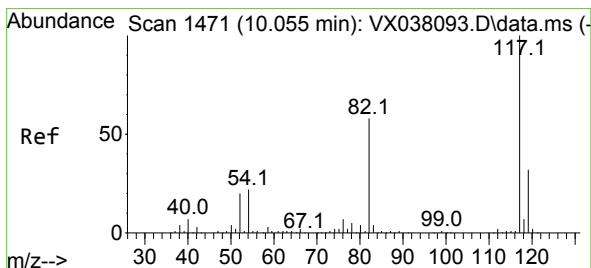
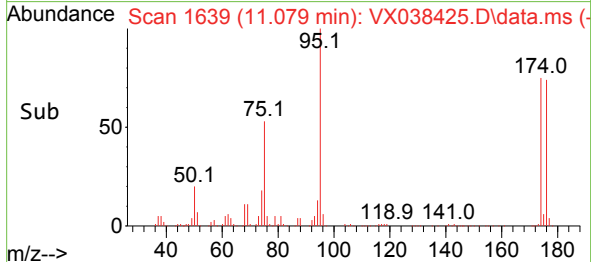
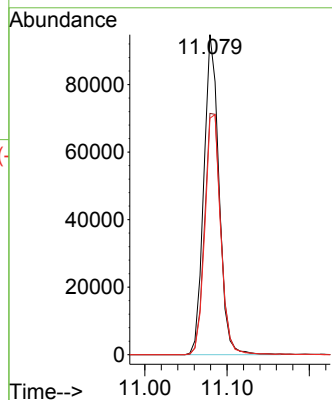
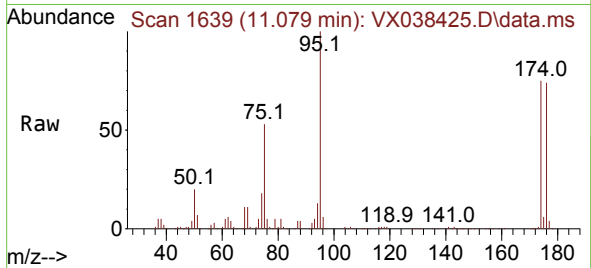




#62
4-Bromofluorobenzene
Concen: 44.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

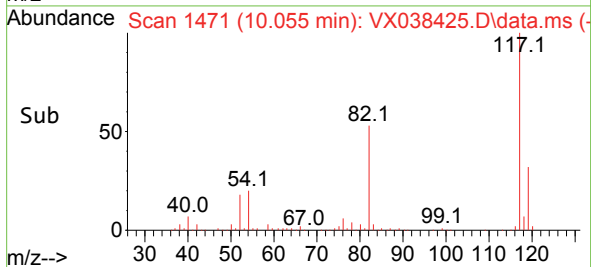
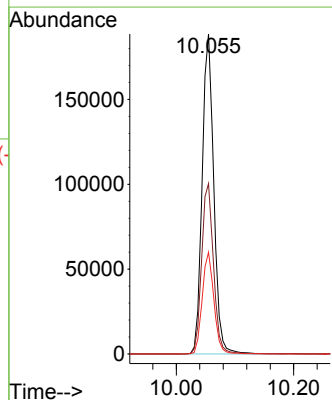
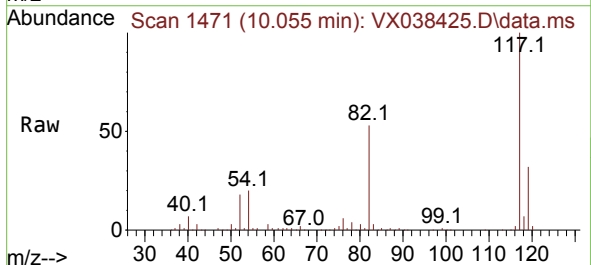
Instrument :
MSVOA_X
ClientSampleId :

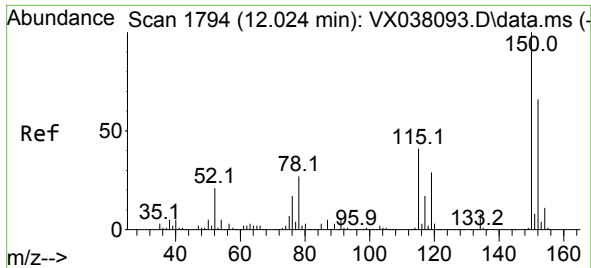
Tgt Ion: 95 Resp: 121050
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 78.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038425.D
Acq: 23 Oct 2023 12:22

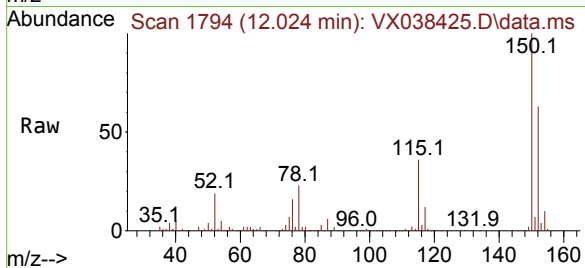
Tgt Ion: 117 Resp: 259015
Ion Ratio Lower Upper
117 100
82 53.2 46.2 69.4
119 31.8 25.5 38.3



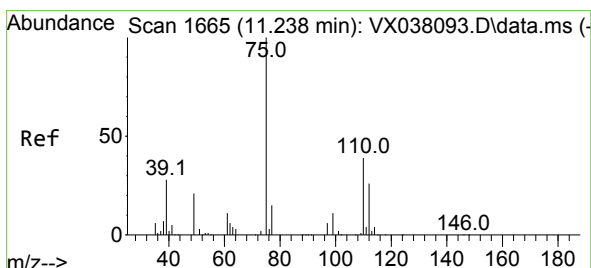
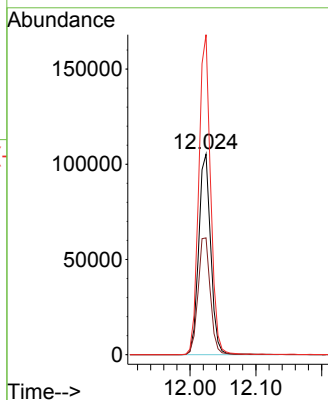
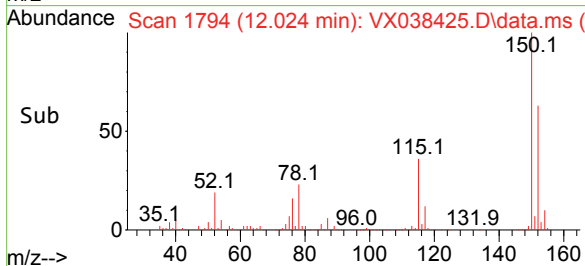


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

Instrument :
 MSVOA_X
 ClientSampleId :

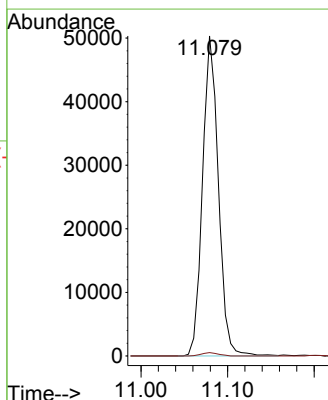
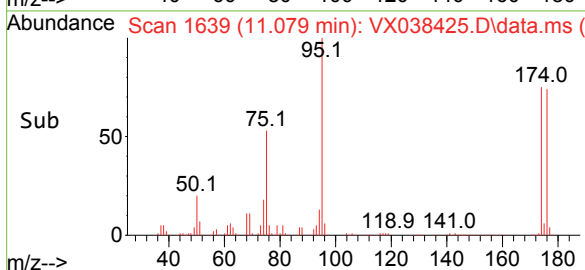
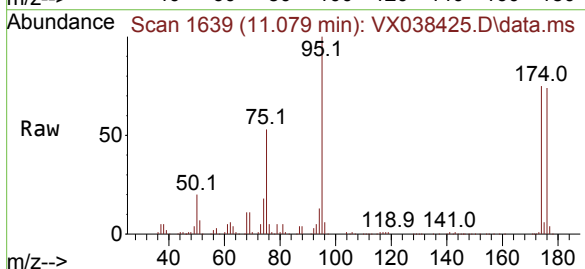


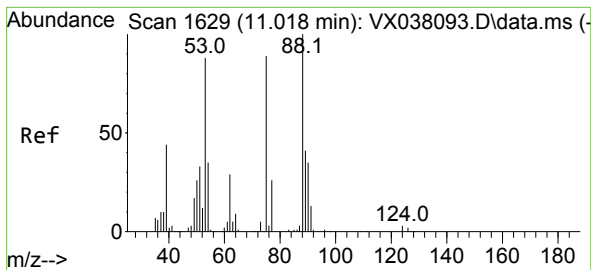
Tgt Ion:152 Resp: 134243
 Ion Ratio Lower Upper
 152 100
 115 59.4 43.3 129.9
 150 157.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.957 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

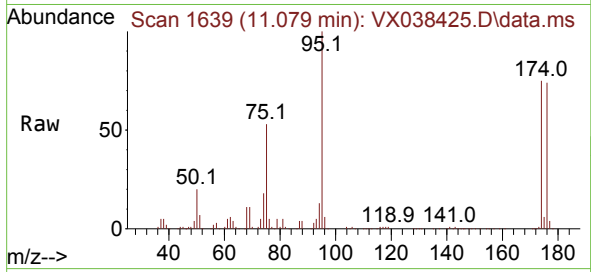
Tgt Ion: 75 Resp: 63957
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.290 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038425.D
 Acq: 23 Oct 2023 12:22

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 63957
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

