

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102323\
 Data File : VX038427.D
 Acq On : 23 Oct 2023 13:09
 Operator : JC/MD
 Sample : 05007-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 24 00:01:05 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)

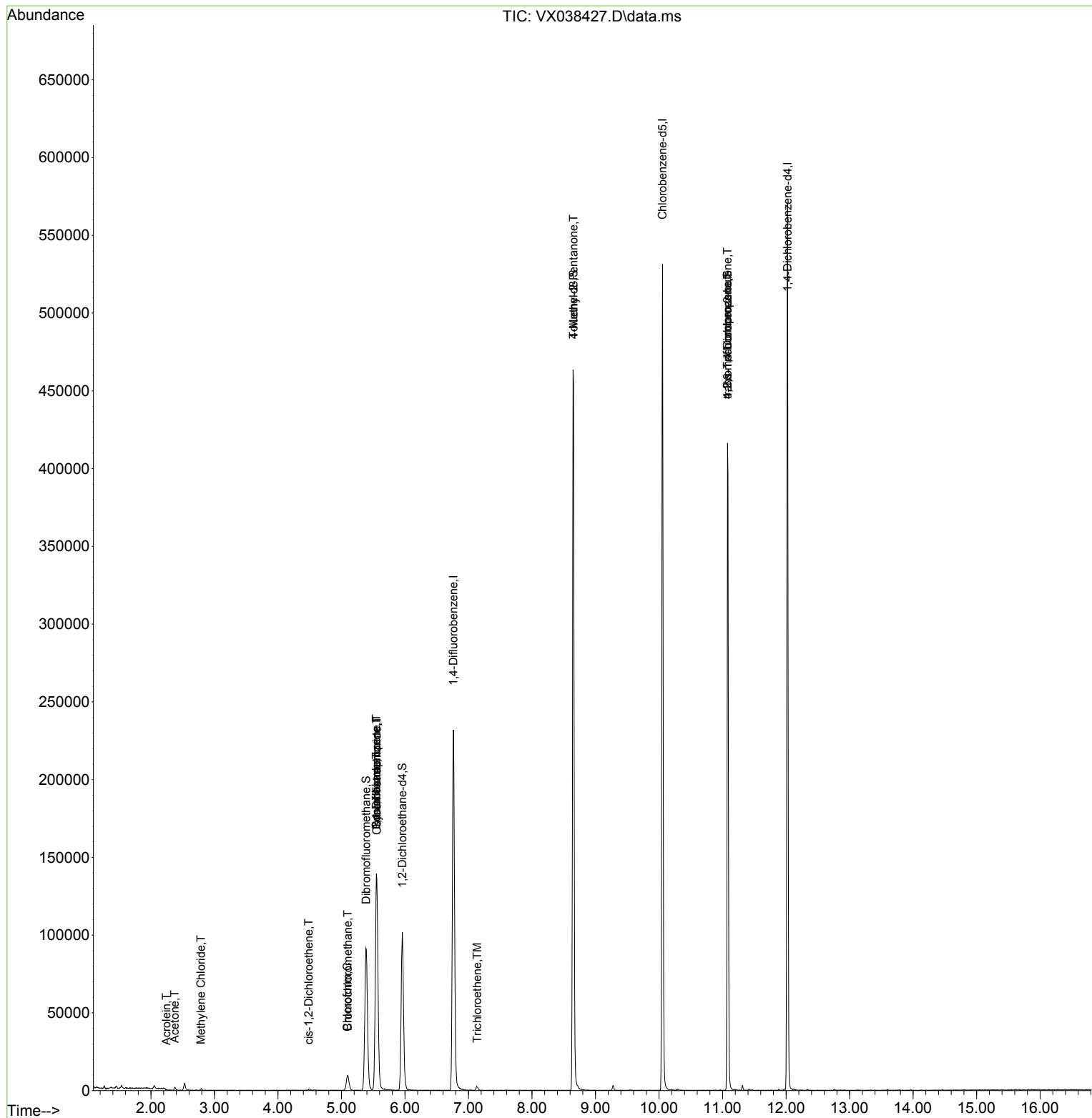
Internal Standards						
1) Pentafluorobenzene	5.549	168	134210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96265	44.594	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.180%
35) Dibromofluoromethane	5.385	113	79829	45.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.560%
50) Toluene-d8	8.652	98	296442	44.007	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.020%#
62) 4-Bromofluorobenzene	11.079	95	109387	42.834	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.544	94	49	Below Cal	#	3
6) Chloroethane	1.684	64	19	Below Cal	#	43
13) Acrolein	2.239	56	76	0.248	ug/l #	14
16) Acetone	2.373	43	2046	2.271	ug/l	94
20) Methylene Chloride	2.788	84	484	0.286	ug/l #	64
27) cis-1,2-Dichloroethene	4.483	96	541	0.299	ug/l	76
28) Bromochloromethane	5.098	49	913	0.724	ug/l #	16
30) Chloroform	5.092	83	12000	3.928	ug/l	99
31) Cyclohexane	5.549	56	3099	1.325	ug/l #	28
36) 1,1-Dichloropropene	5.549	75	10844	4.461	ug/l #	52
38) Carbon Tetrachloride	5.556	117	14440	6.038	ug/l #	15
44) Trichloroethene	7.134	130	1001	0.563	ug/l	63
51) 4-Methyl-2-Pentanone	8.652	43	1363	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59422	21.881	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59422	62.771	ug/l #	5

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

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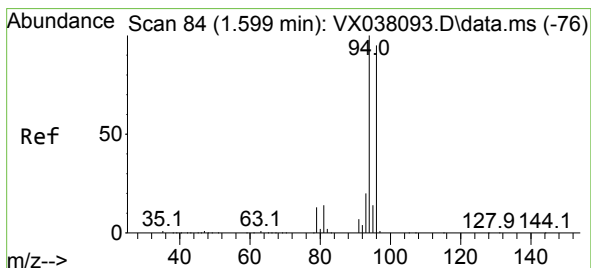
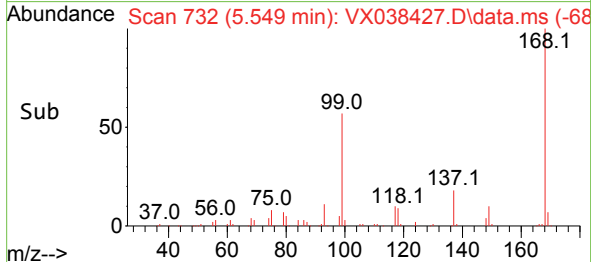
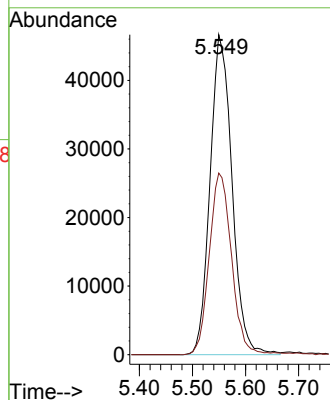
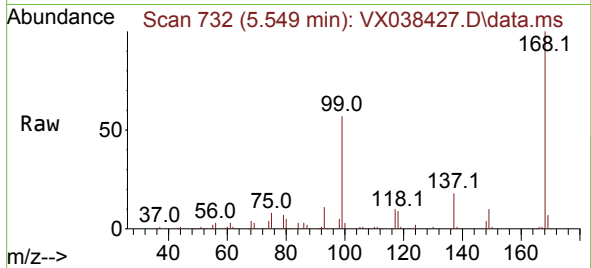




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

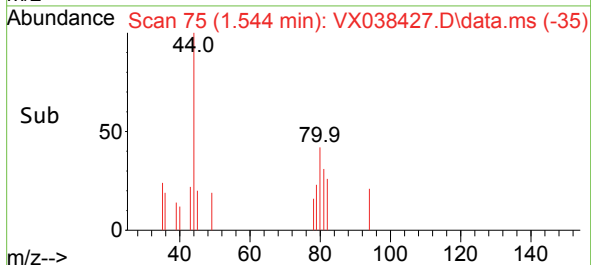
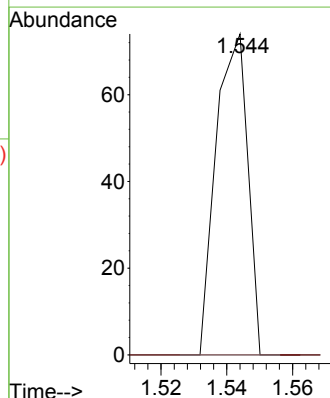
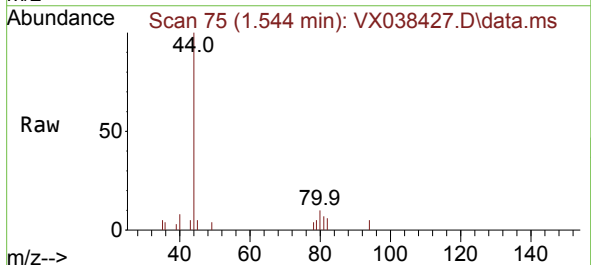
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 134210
Ion Ratio Lower Upper
168 100
99 56.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Tgt Ion: 94 Resp: 49
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

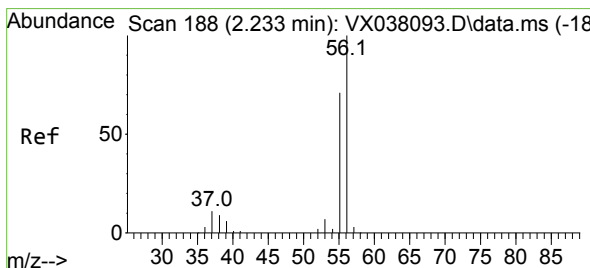
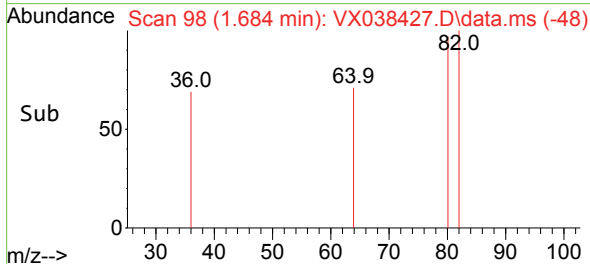
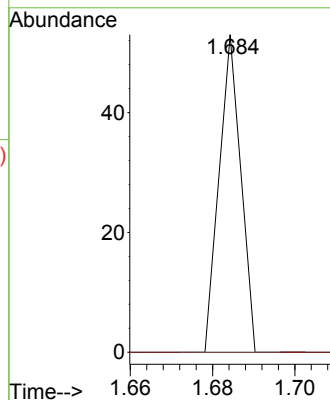
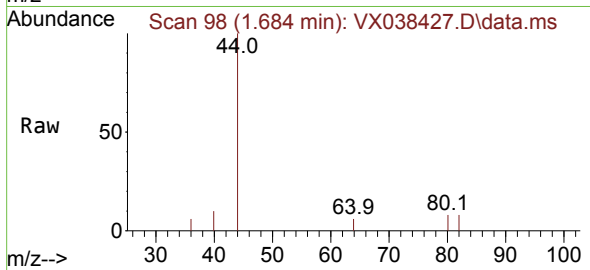




#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

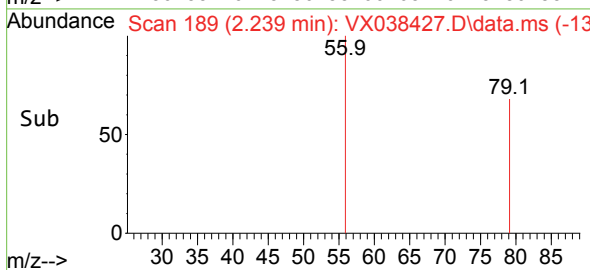
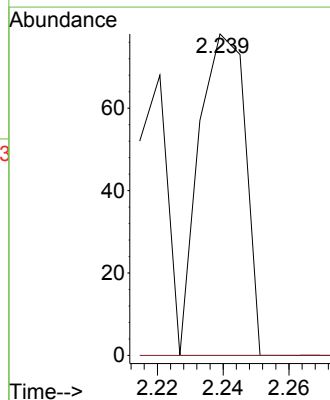
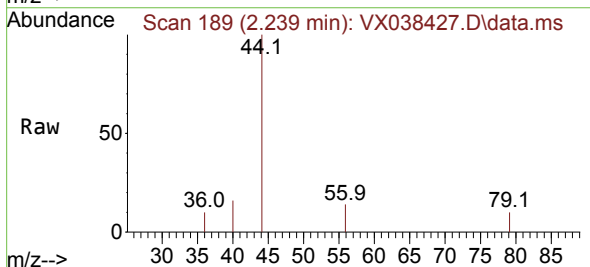
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#13
Acrolein
Concen: 0.248 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#





#16

Acetone

Concen: 2.271 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX038427.D

Acq: 23 Oct 2023 13:09

Instrument :

MSVOA_X

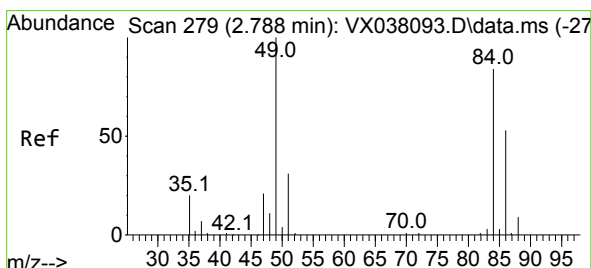
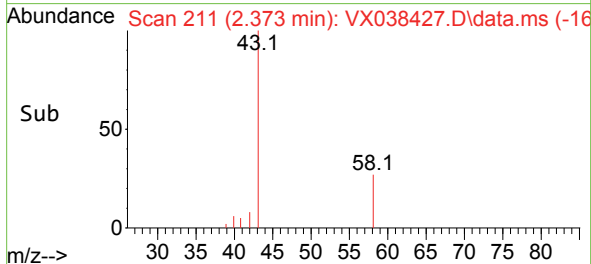
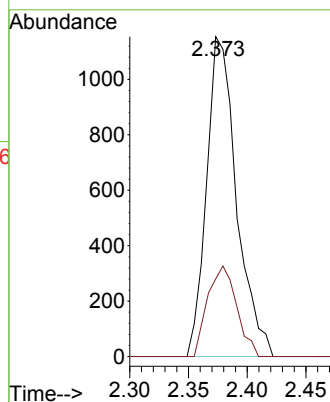
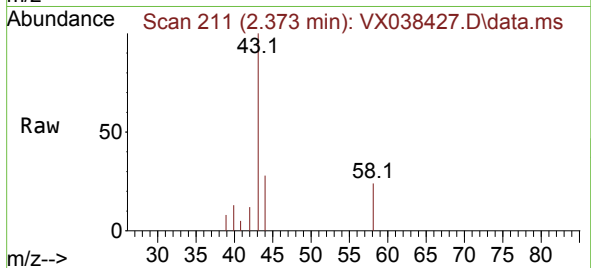
ClientSampleId :

Tgt Ion: 43 Resp: 2046

Ion Ratio Lower Upper

43 100

58 24.3 21.9 32.9



#20

Methylene Chloride

Concen: 0.286 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038427.D

Acq: 23 Oct 2023 13:09

Tgt Ion: 84 Resp: 484

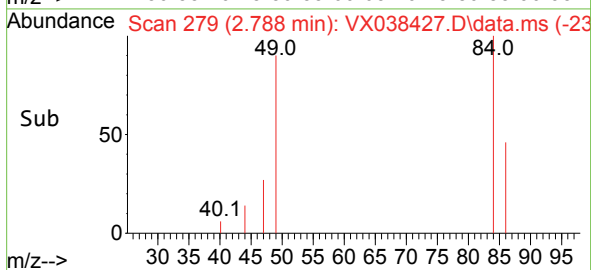
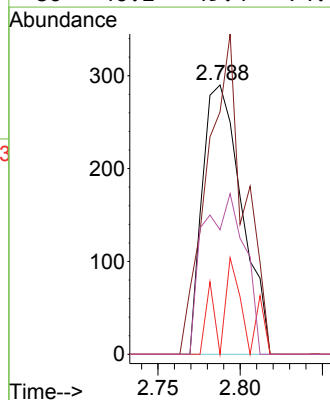
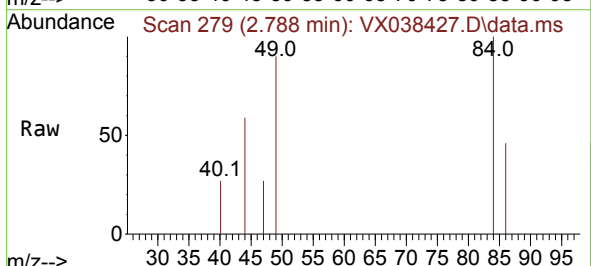
Ion Ratio Lower Upper

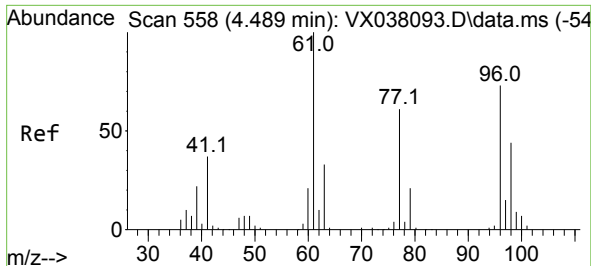
84 100

49 90.0 103.6 155.4#

51 0.0 33.8 50.6#

86 46.2 49.4 74.0#

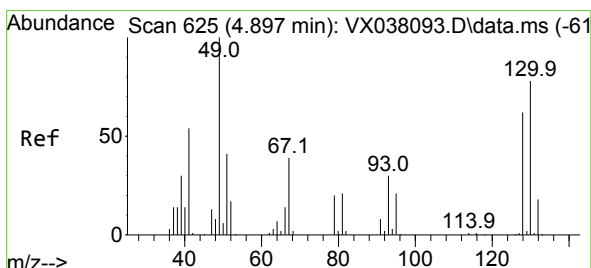
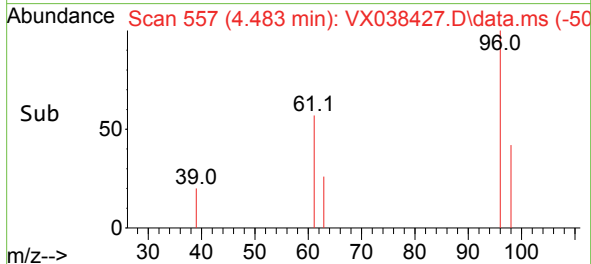
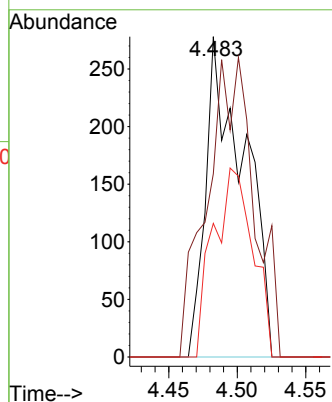
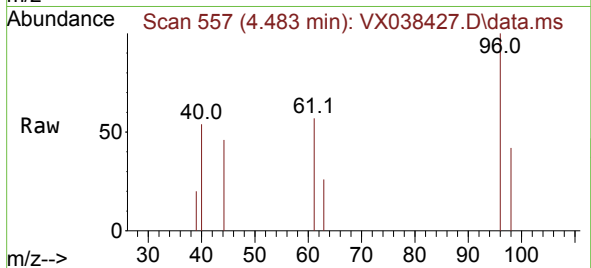




#27
 cis-1,2-Dichloroethene
 Concen: 0.299 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX038427.D
 Acq: 23 Oct 2023 13:09

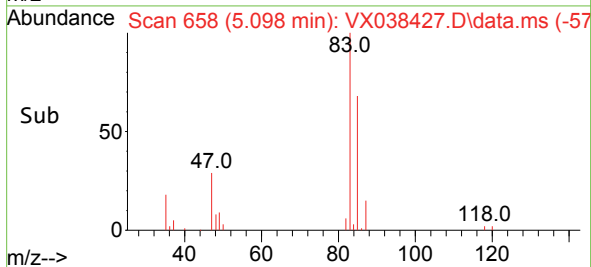
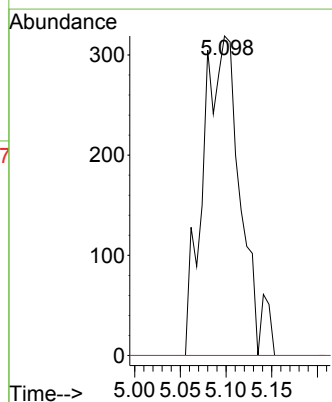
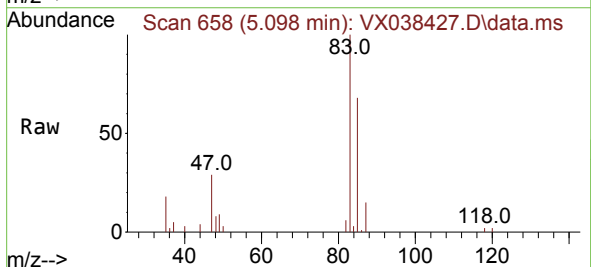
Instrument :
 MSVOA_X
 ClientSampleId :

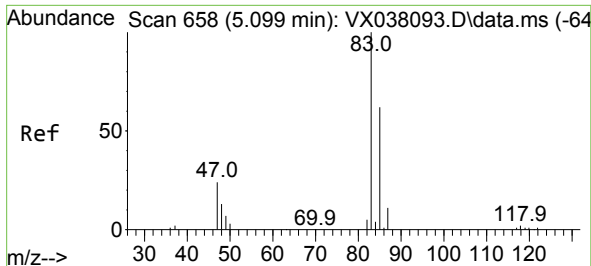
Tgt Ion: 96 Resp: 541
 Ion Ratio Lower Upper
 96 100
 61 114.6 0.0 312.2
 98 61.0 0.0 129.0



#28
 Bromochloromethane
 Concen: 0.724 ug/l
 RT: 5.098 min Scan# 658
 Delta R.T. 0.201 min
 Lab File: VX038427.D
 Acq: 23 Oct 2023 13:09

Tgt Ion: 49 Resp: 913
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 57.5 86.3#





#30

Chloroform

Concen: 3.928 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX038427.D

Acq: 23 Oct 2023 13:09

Instrument :

MSVOA_X

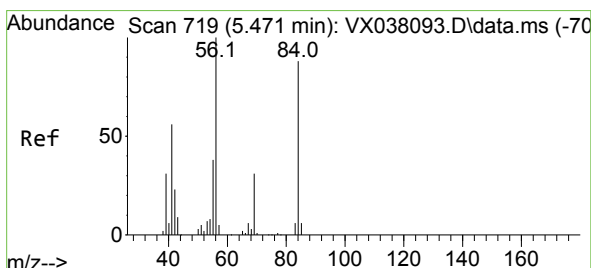
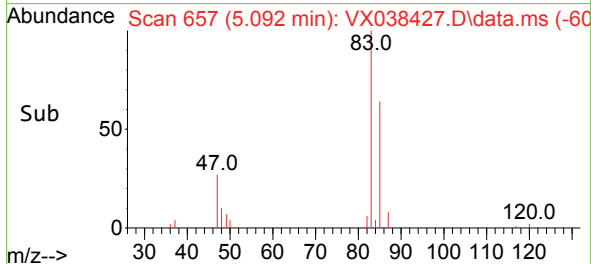
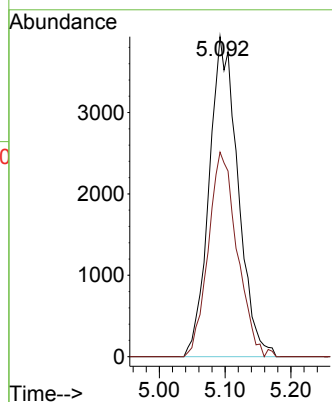
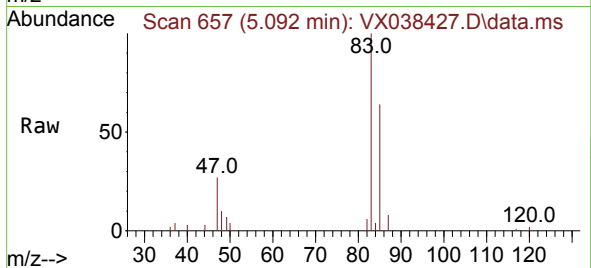
ClientSampleId :

Tgt Ion: 83 Resp: 12000

Ion Ratio Lower Upper

83 100

85 63.9 50.3 75.5



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.078 min

Lab File: VX038427.D

Acq: 23 Oct 2023 13:09

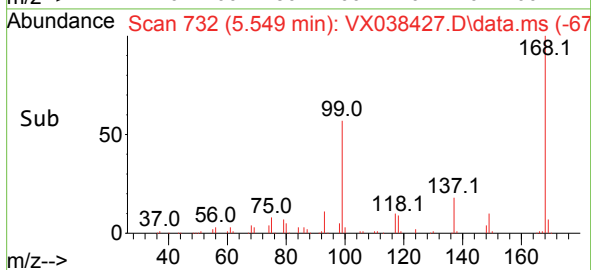
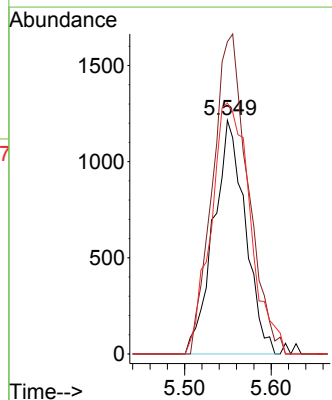
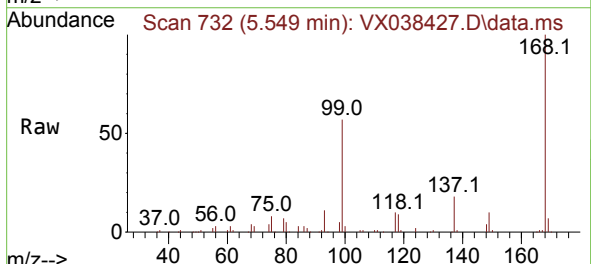
Tgt Ion: 56 Resp: 3099

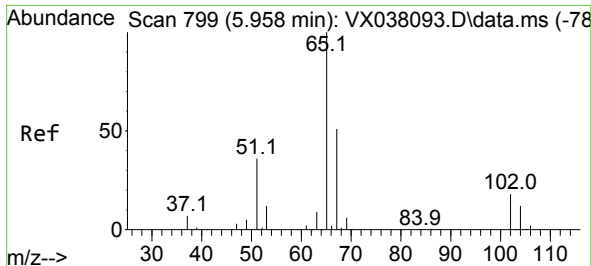
Ion Ratio Lower Upper

56 100

69 133.6 23.4 35.2#

84 107.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.594 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038427.D

Acq: 23 Oct 2023 13:09

Instrument :

MSVOA_X

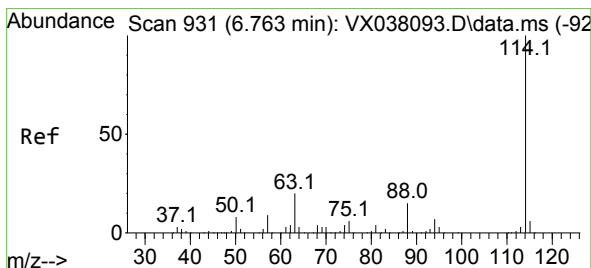
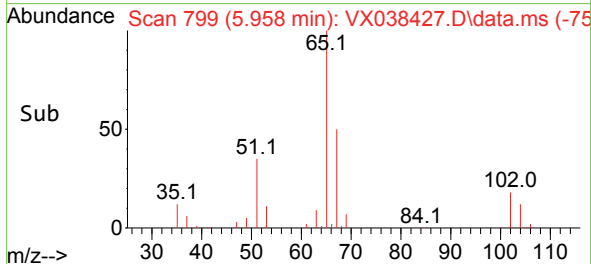
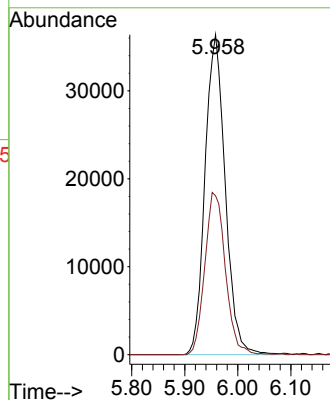
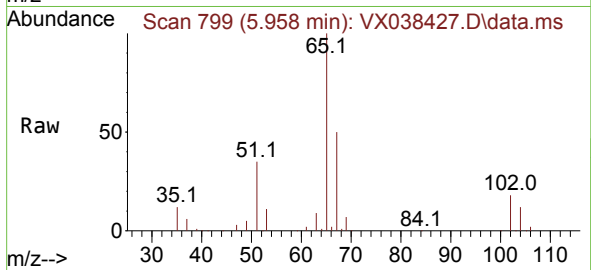
ClientSampleId :

Tgt Ion: 65 Resp: 96265

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: VX038427.D

Acq: 23 Oct 2023 13:09

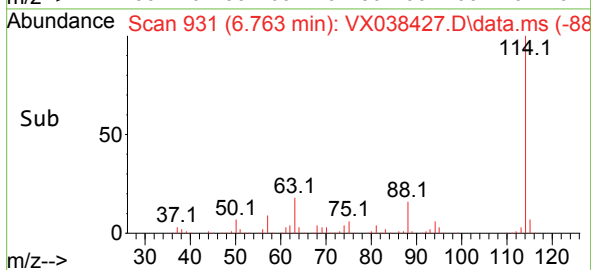
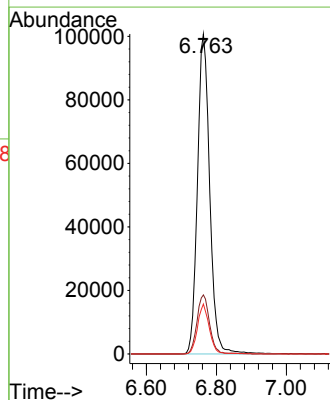
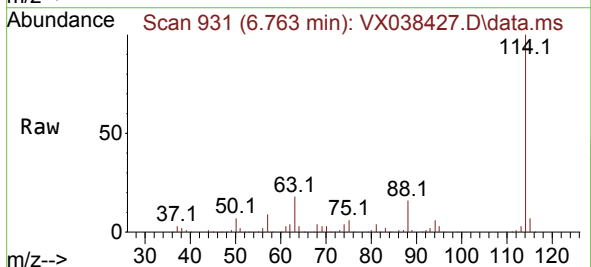
Tgt Ion:114 Resp: 244646

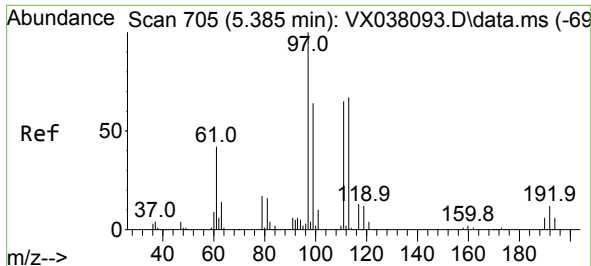
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

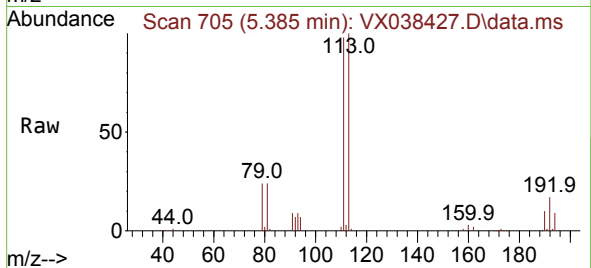
88 15.6 0.0 36.6



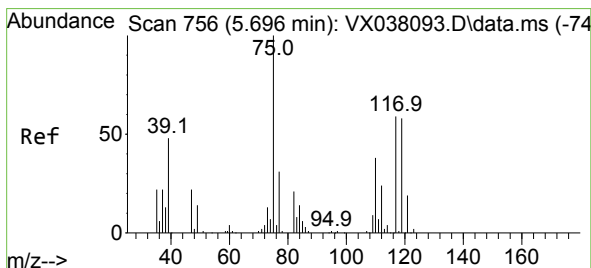
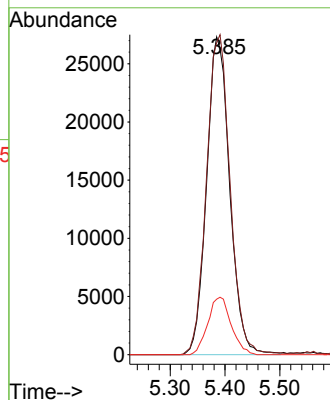
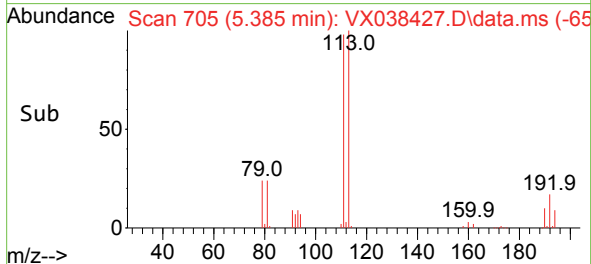


#35
Dibromofluoromethane
Concen: 45.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :

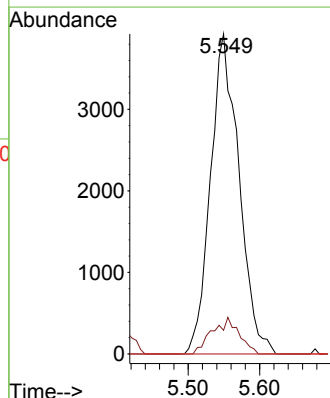
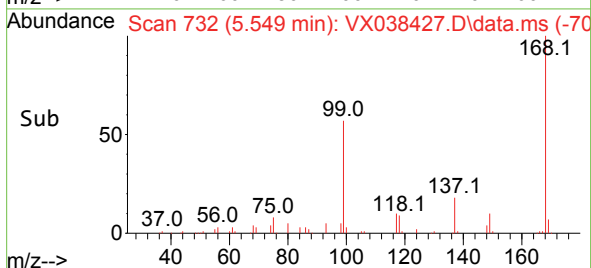
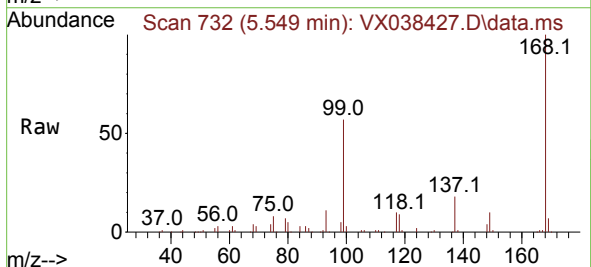


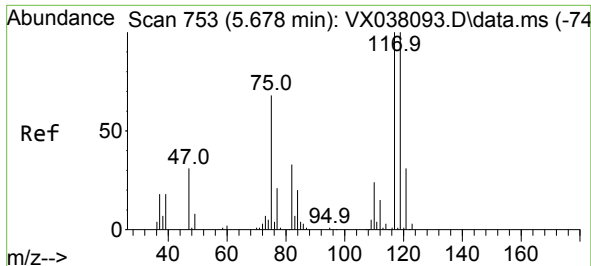
Tgt Ion:113 Resp: 79829
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.461 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

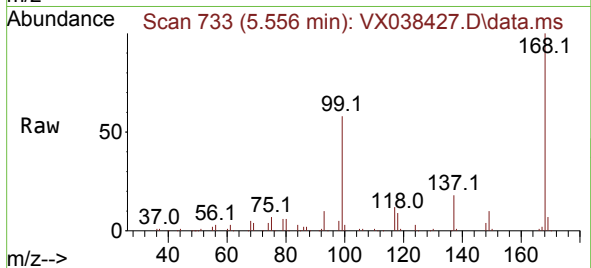
Tgt Ion: 75 Resp: 10844
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#



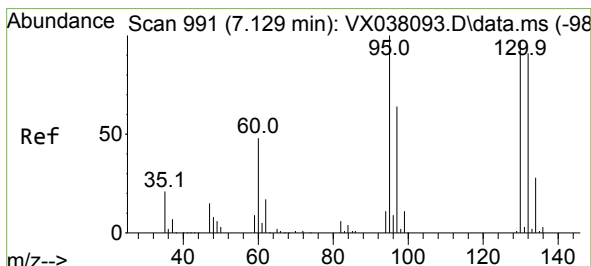
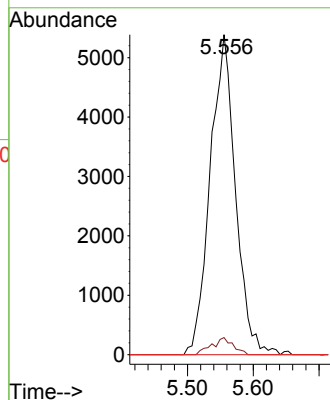
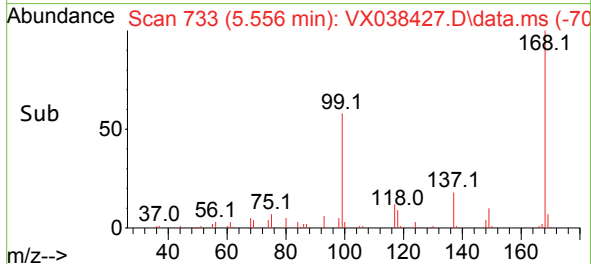


#38
Carbon Tetrachloride
Concen: 6.038 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :

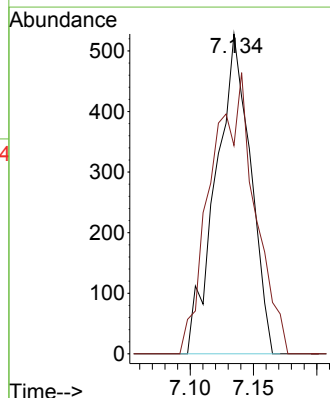
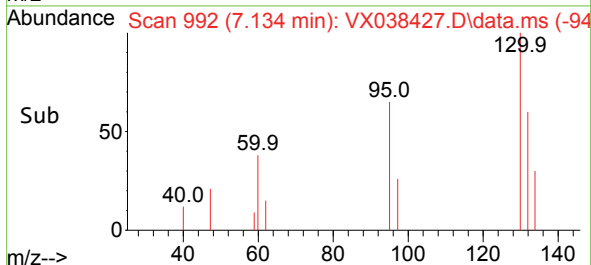
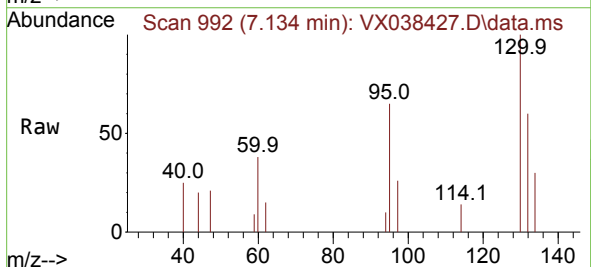


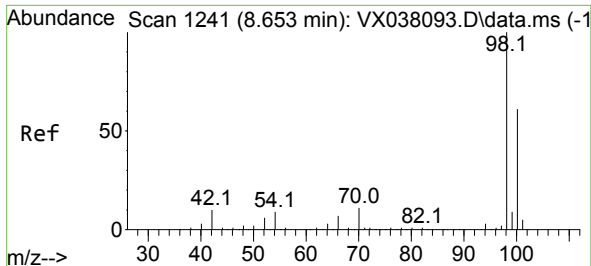
Tgt Ion:117 Resp: 14440
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.563 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Tgt Ion:130 Resp: 1001
Ion Ratio Lower Upper
130 100
95 65.2 0.0 204.4

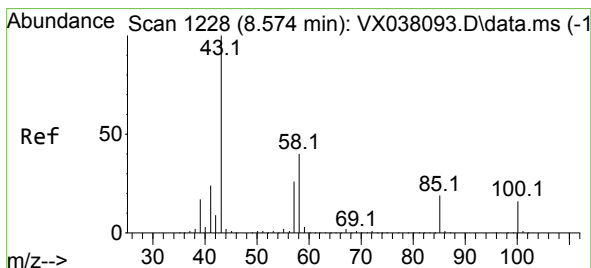
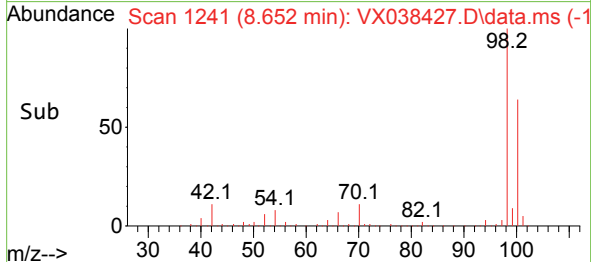
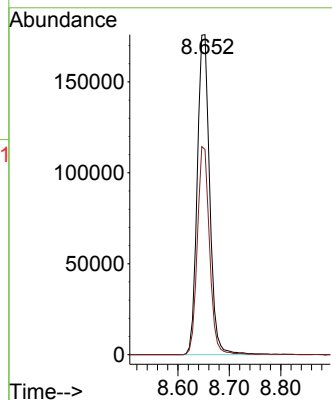
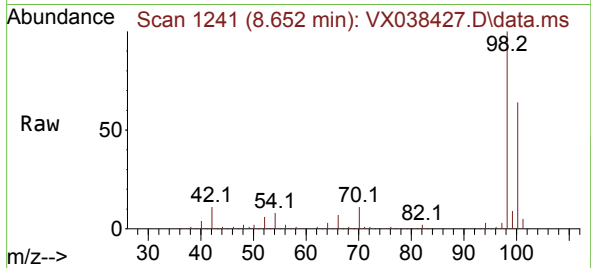




#50
Toluene-d8
Concen: 44.007 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

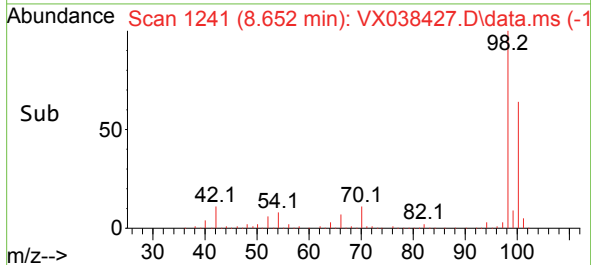
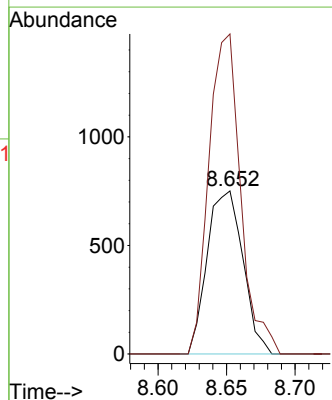
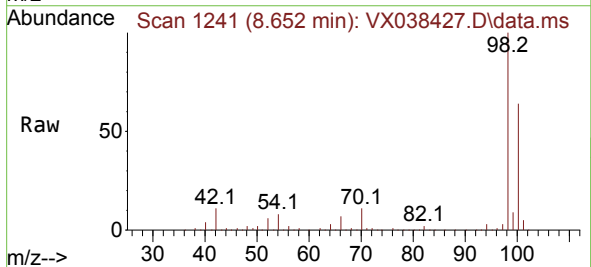
Instrument :
MSVOA_X
ClientSampleId :

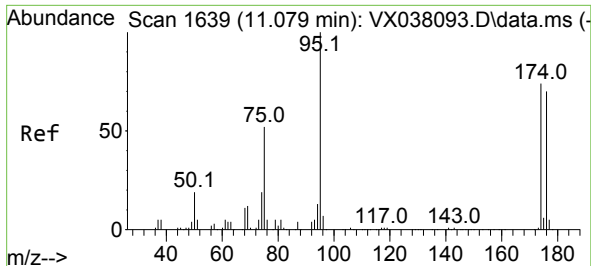
Tgt Ion: 98 Resp: 296442
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 174.5 30.4 45.6#

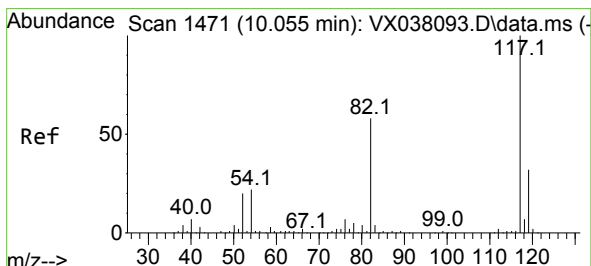
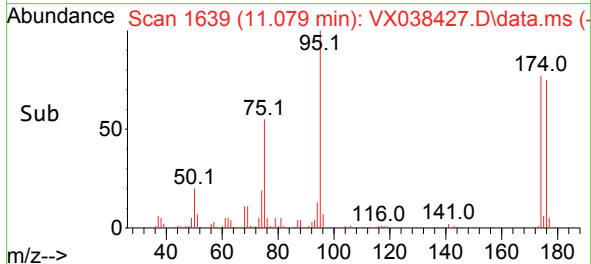
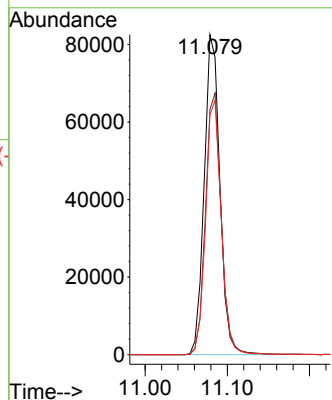
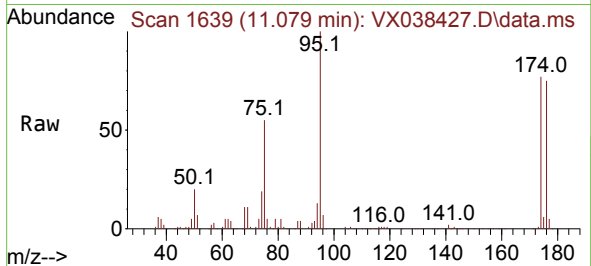




#62
4-Bromofluorobenzene
Concen: 42.834 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

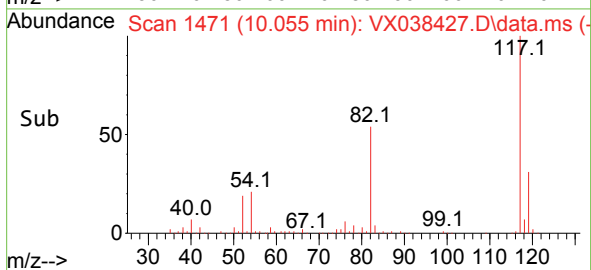
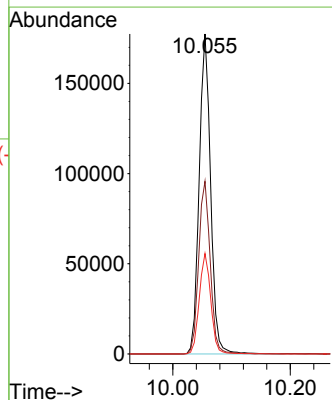
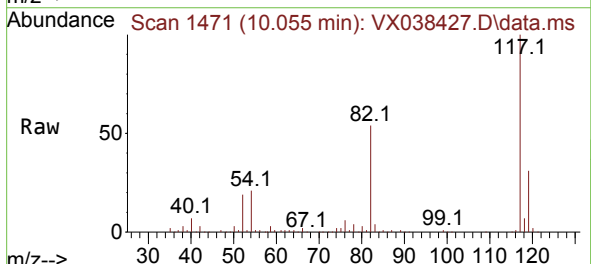
Instrument :
MSVOA_X
ClientSampleId :

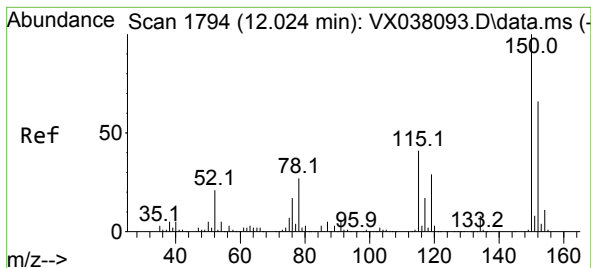
Tgt Ion: 95 Resp: 109387
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 79.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Tgt Ion: 117 Resp: 239474
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.4 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: VX038427.D

Acq: 23 Oct 2023 13:09

Instrument :

MSVOA_X

ClientSampleId :

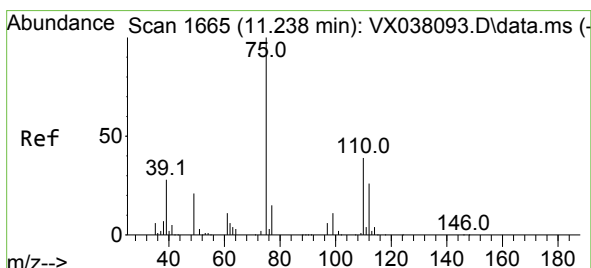
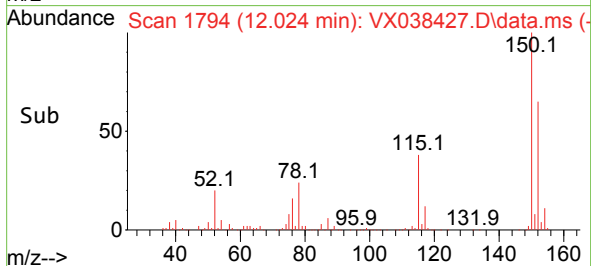
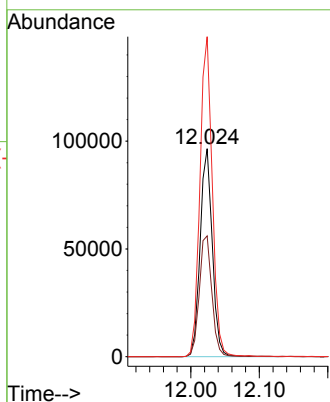
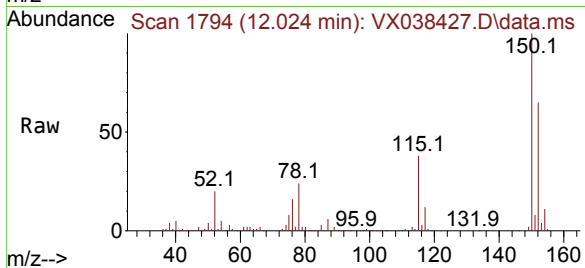
Tgt Ion:152 Resp: 119456

Ion Ratio Lower Upper

152 100

115 60.0 43.3 129.9

150 156.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.881 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038427.D

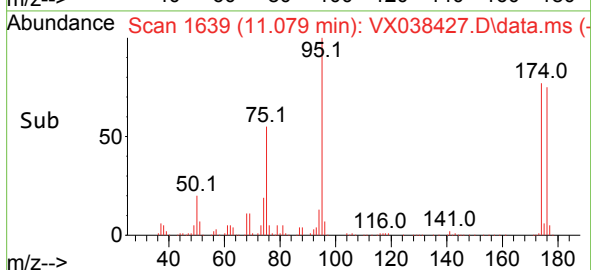
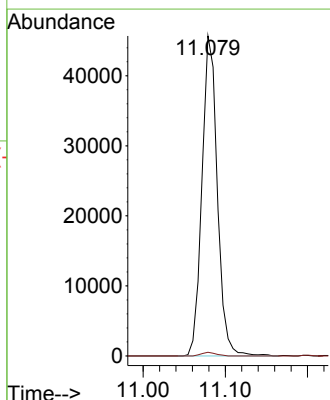
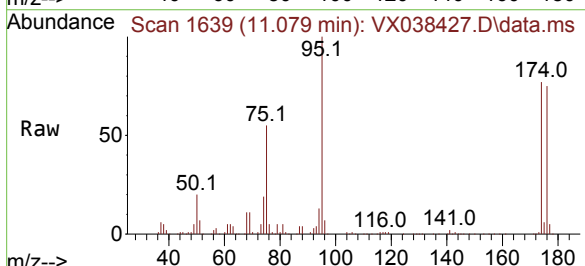
Acq: 23 Oct 2023 13:09

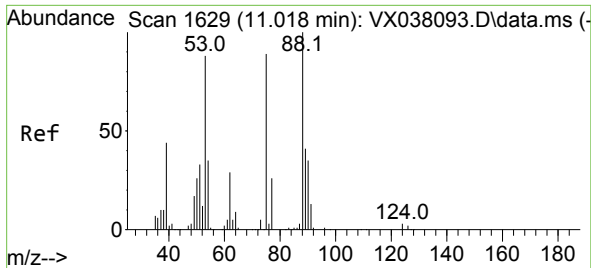
Tgt Ion: 75 Resp: 59422

Ion Ratio Lower Upper

75 100

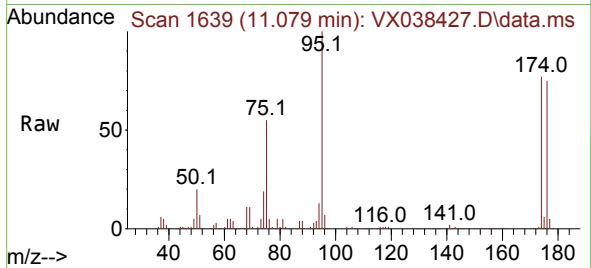
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.771 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX038427.D
Acq: 23 Oct 2023 13:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 59422
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

