

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038851.D
 Acq On : 16 Nov 2023 20:31
 Operator : JC/MD
 Sample : 05403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 23:07:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

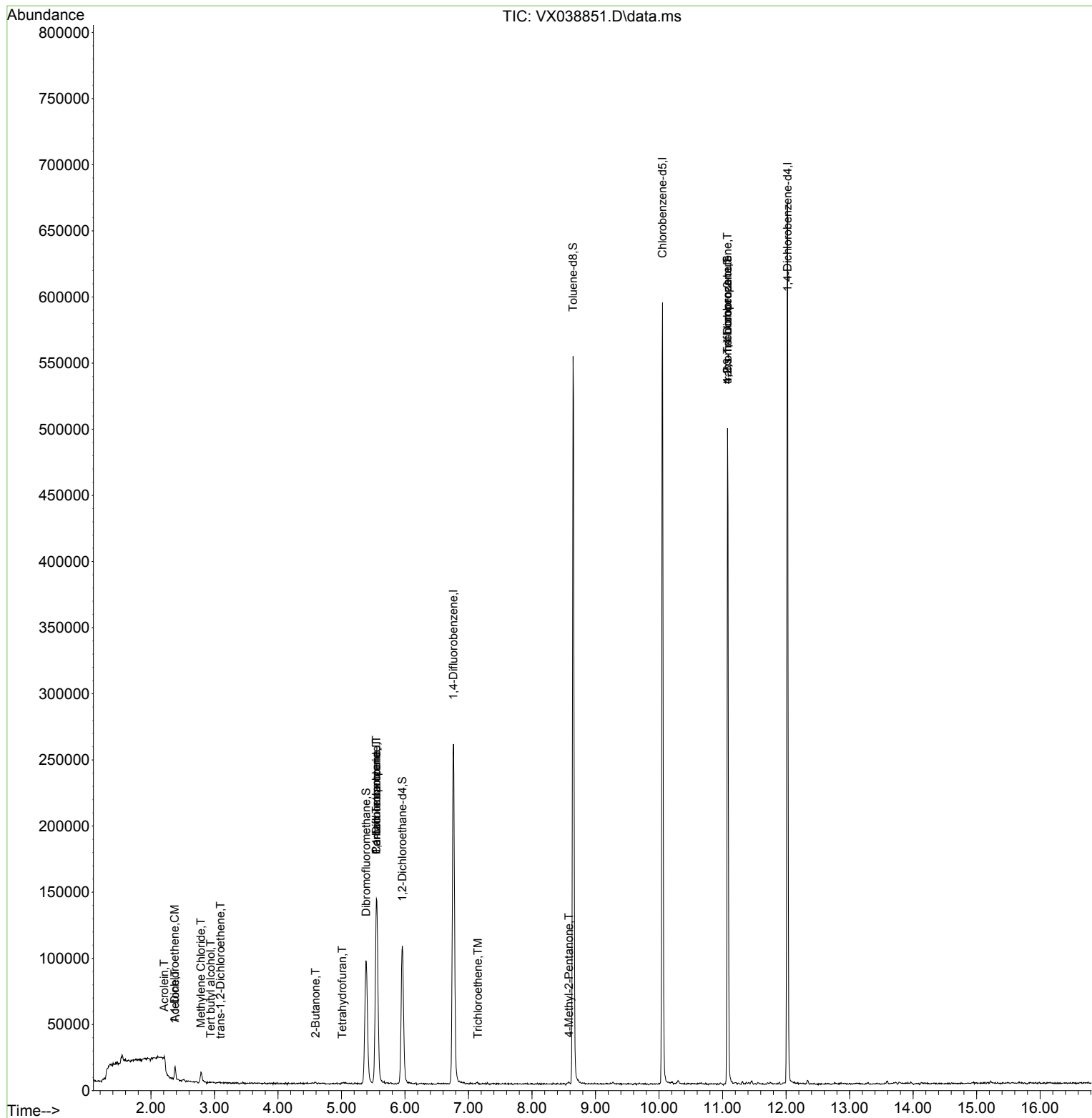
Internal Standards						
1) Pentafluorobenzene	5.550	168	130810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98298	46.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.385	113	84900	44.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.647	98	337396	45.831	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	144344	48.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	173	0.295	ug/l #	78
12) 1,1-Dichloroethene	2.373	96	497	0.305	ug/l #	4
13) Acrolein	2.209	56	776	2.502	ug/l #	1
16) Acetone	2.380	43	10520	9.376	ug/l	90
20) Methylene Chloride	2.788	84	3565	1.762	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	515	0.286	ug/l #	33
25) 2-Butanone	4.593	43	622	0.342	ug/l	100
29) Tetrahydrofuran	5.013	42	533	0.461	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	11715	4.248	ug/l #	53
38) Carbon Tetrachloride	5.550	117	14056	5.515	ug/l #	15
44) Trichloroethene	7.147	130	483	0.243	ug/l	54
51) 4-Methyl-2-Pentanone	8.580	43	1305	0.356	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	71924	21.418	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	71924	47.507	ug/l #	5

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

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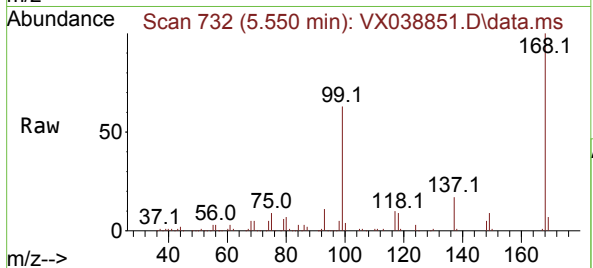
Quant Time: Nov 16 23:07:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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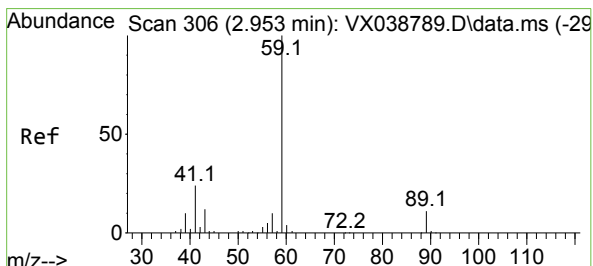
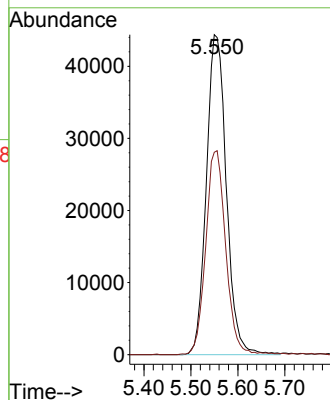
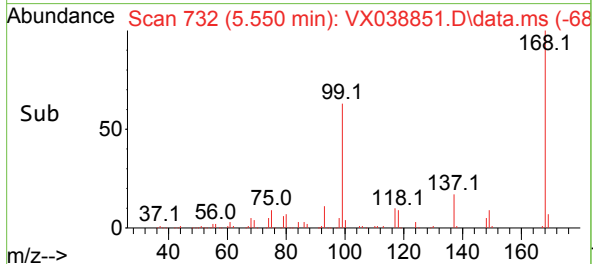


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Instrument :
MSVOA_X
ClientSampleId :

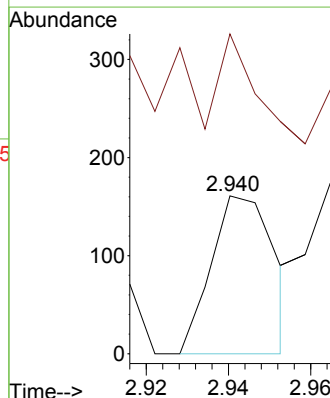
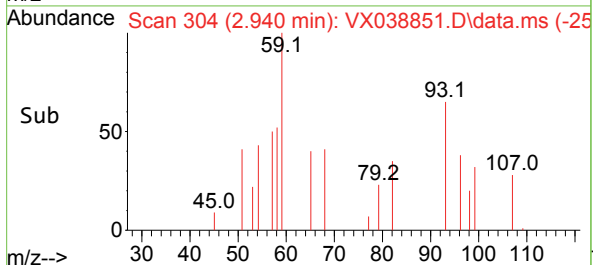
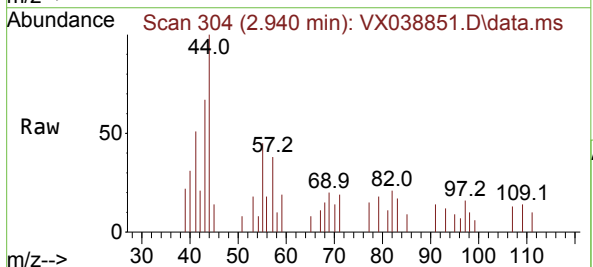


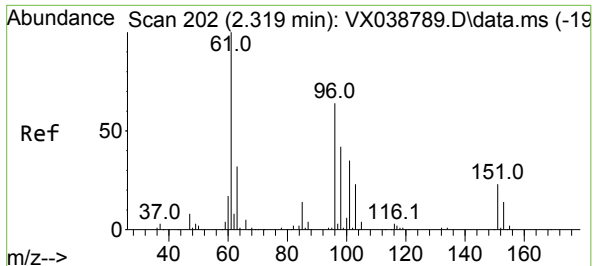
Tgt Ion:168 Resp: 130810
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.295 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.305 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.055 min

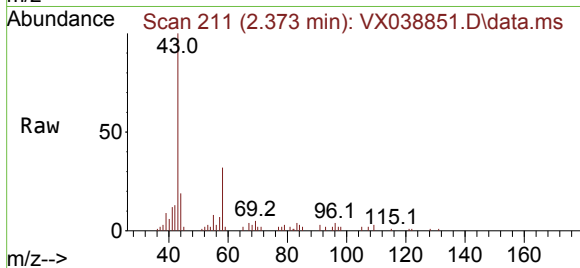
Lab File: VX038851.D

Acq: 16 Nov 2023 20:31

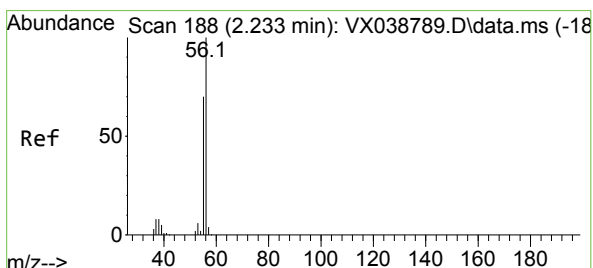
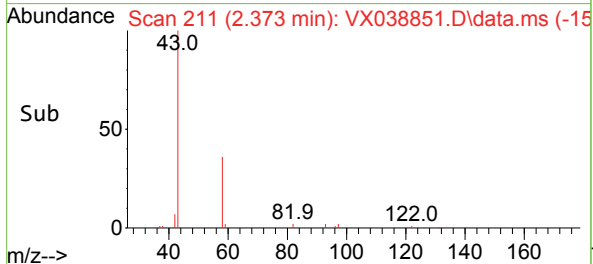
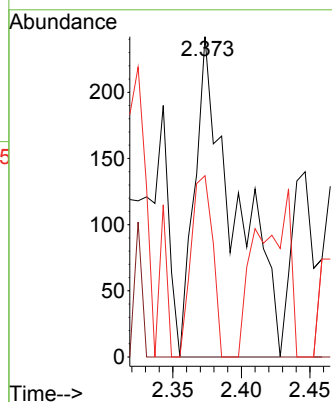
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	497
Ion	Ratio	Lower	Upper
96	100		
61	0.0	144.6	216.8#
98	56.6	50.4	75.6



#13

Acrolein

Concen: 2.502 ug/l

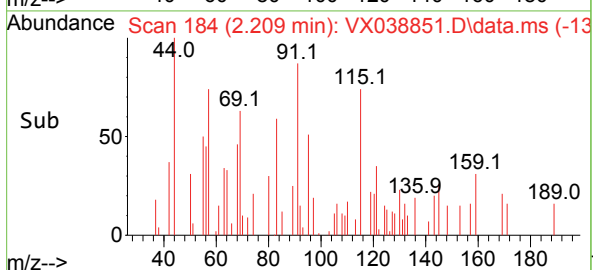
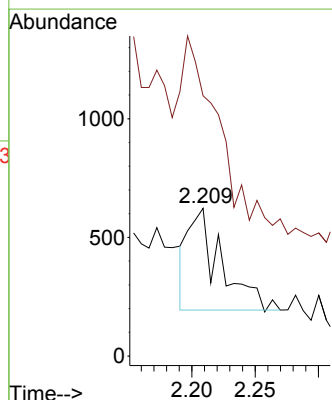
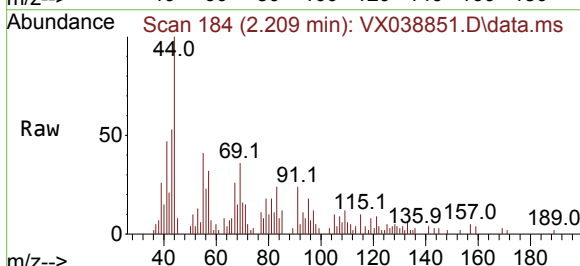
RT: 2.209 min Scan# 184

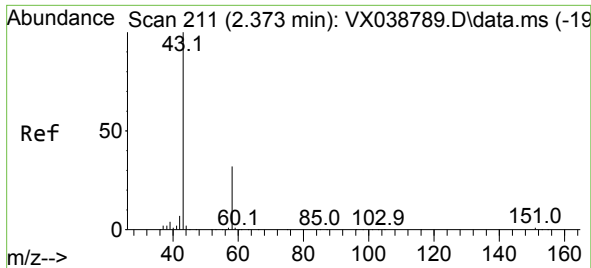
Delta R.T. -0.024 min

Lab File: VX038851.D

Acq: 16 Nov 2023 20:31

Tgt Ion:	56	Resp:	776
Ion	Ratio	Lower	Upper
56	100		
55	239.6	57.1	85.7#





#16

Acetone

Concen: 9.376 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX038851.D

Acq: 16 Nov 2023 20:31

Instrument :

MSVOA_X

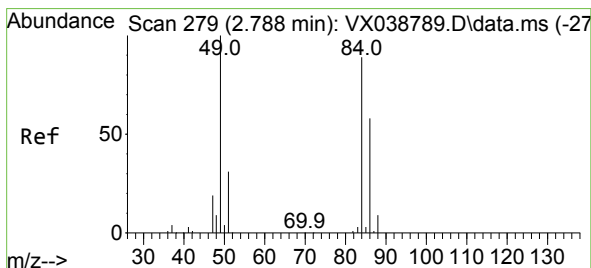
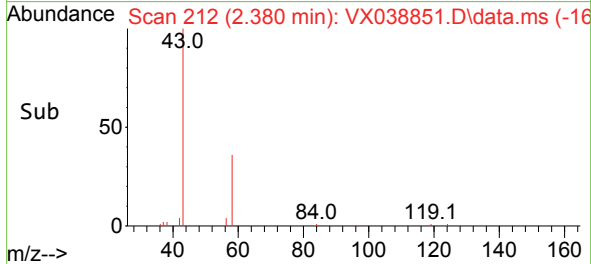
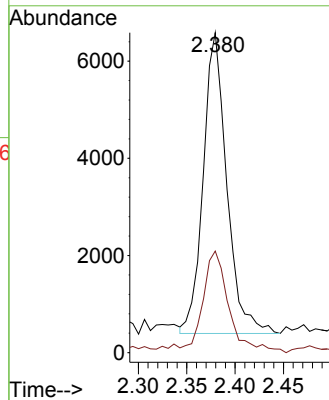
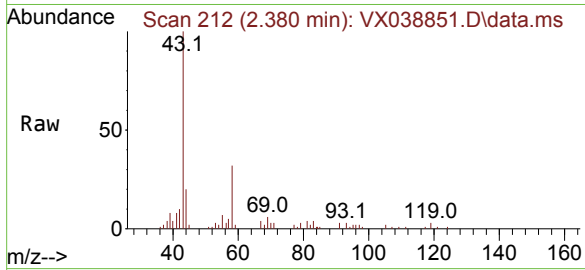
ClientSampleId :

Tgt Ion: 43 Resp: 10520

Ion Ratio Lower Upper

43 100

58 32.6 21.9 32.9



#20

Methylene Chloride

Concen: 1.762 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038851.D

Acq: 16 Nov 2023 20:31

Tgt Ion: 84 Resp: 3565

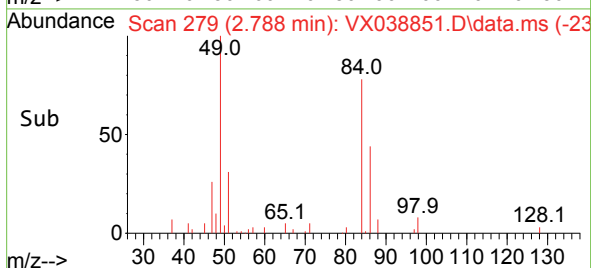
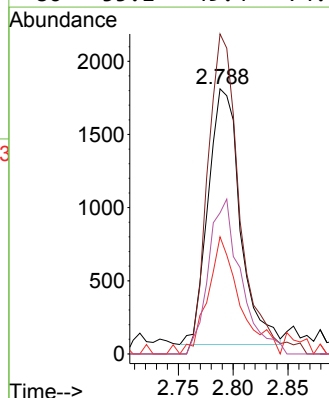
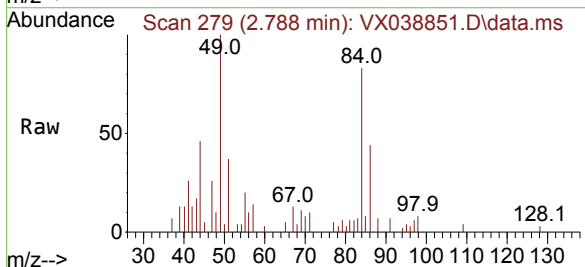
Ion Ratio Lower Upper

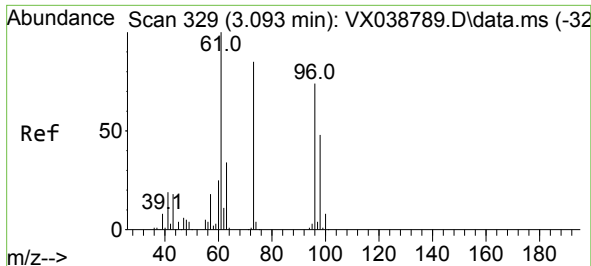
84 100

49 125.1 103.6 155.4

51 45.8 33.8 50.6

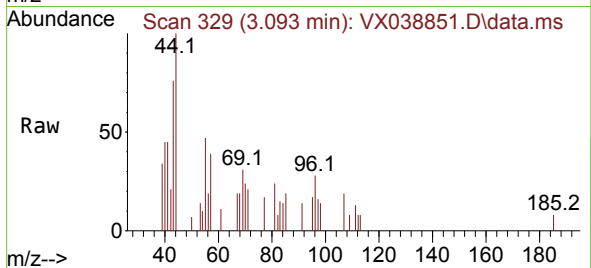
86 55.1 49.4 74.0



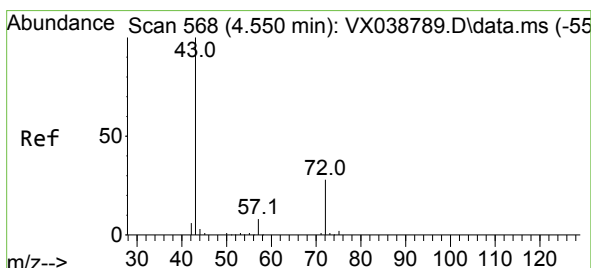
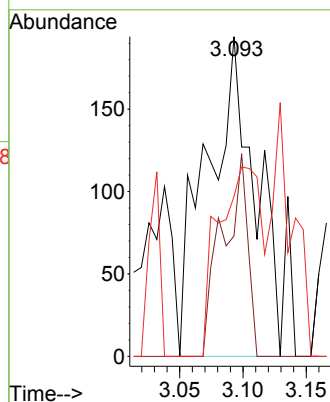
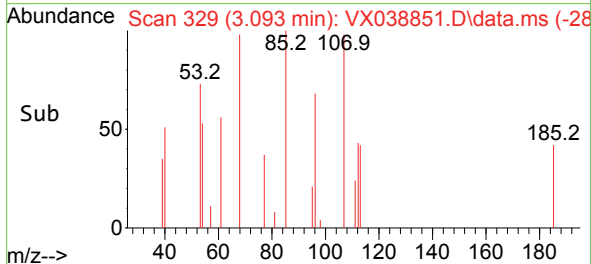


#21
trans-1,2-Dichloroethene
Concen: 0.286 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Instrument :
MSVOA_X
ClientSampleId :

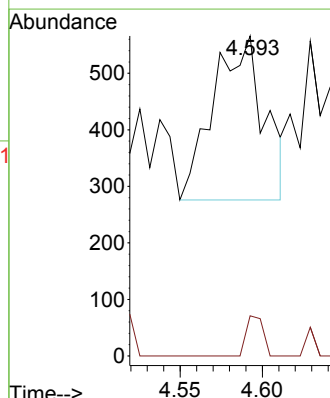
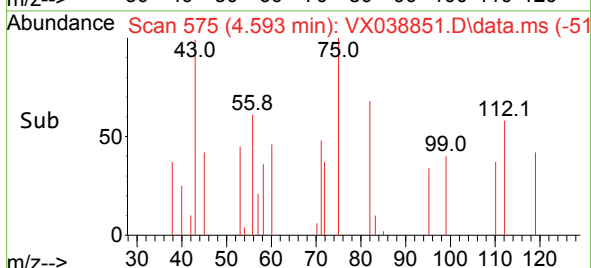
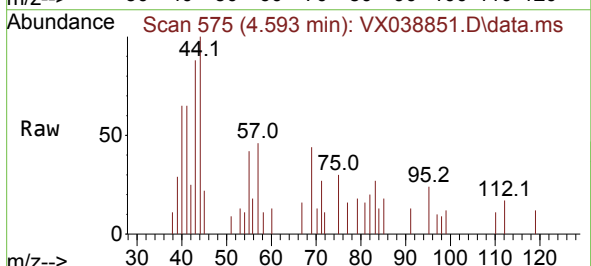


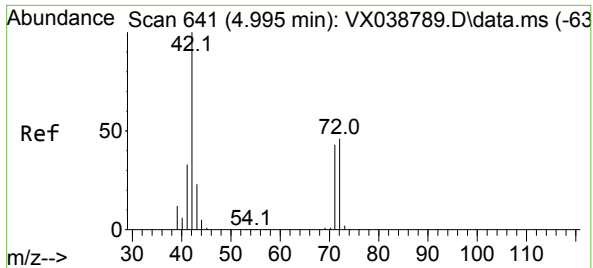
Tgt Ion: 96 Resp: 515
Ion Ratio Lower Upper
96 100
61 37.6 119.2 178.8#
98 50.0 48.7 73.1



#25
2-Butanone
Concen: 0.342 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.043 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.461 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX038851.D

Acq: 16 Nov 2023 20:31

Instrument :

MSVOA_X

ClientSampleId :

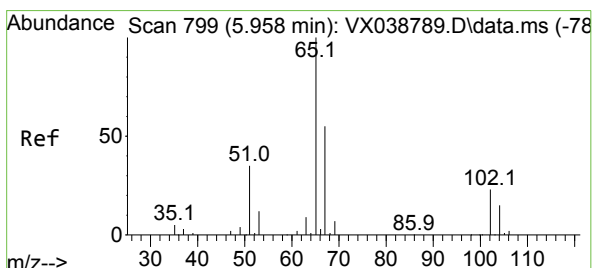
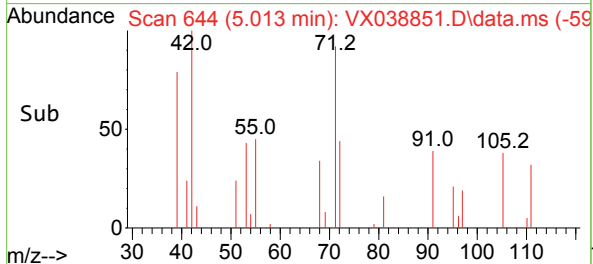
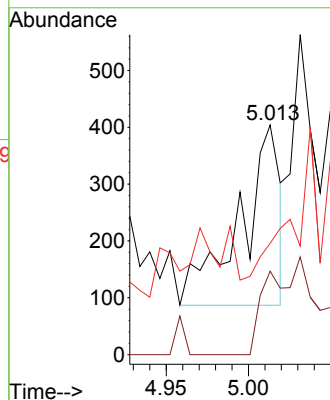
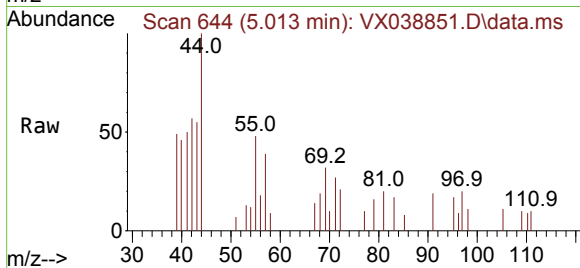
Tgt Ion: 42 Resp: 533

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 46.635 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038851.D

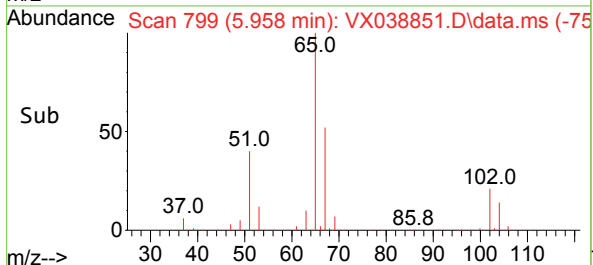
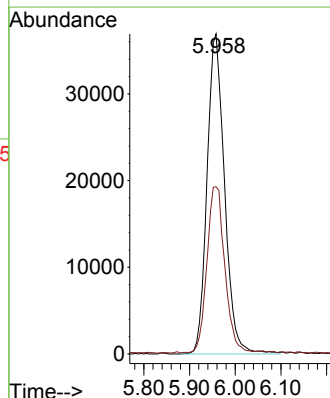
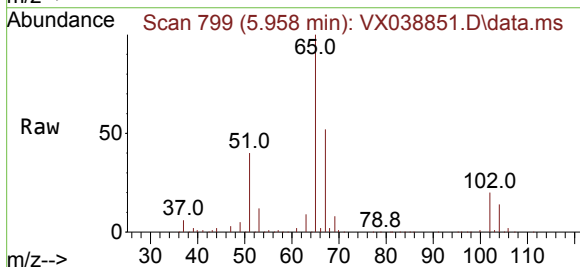
Acq: 16 Nov 2023 20:31

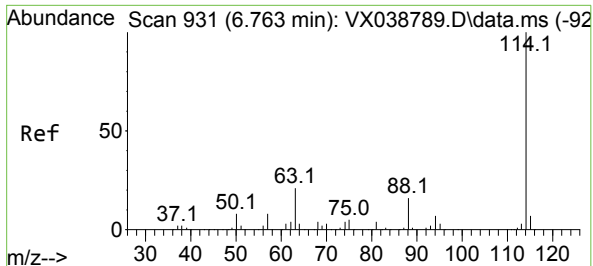
Tgt Ion: 65 Resp: 98298

Ion Ratio Lower Upper

65 100

67 52.6 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: VX038851.D

Acq: 16 Nov 2023 20:31

Instrument :

MSVOA_X

ClientSampleId :

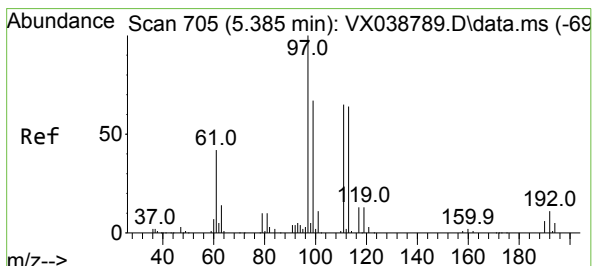
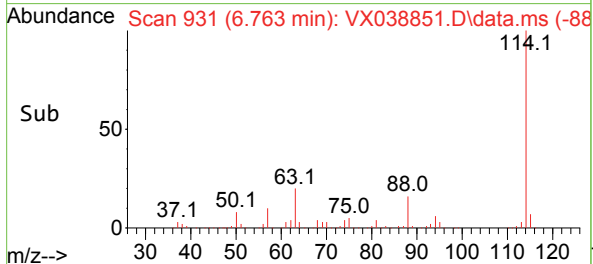
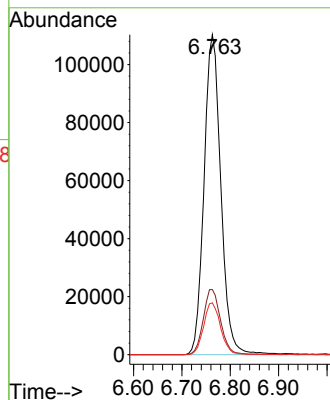
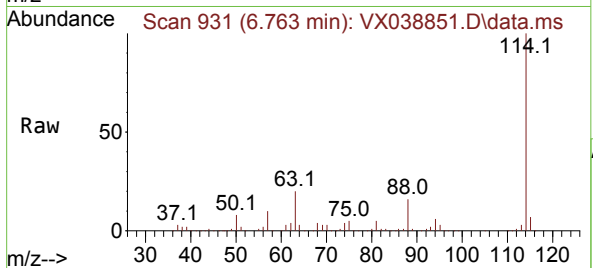
Tgt Ion:114 Resp: 266412

Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.2 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.125 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038851.D

Acq: 16 Nov 2023 20:31

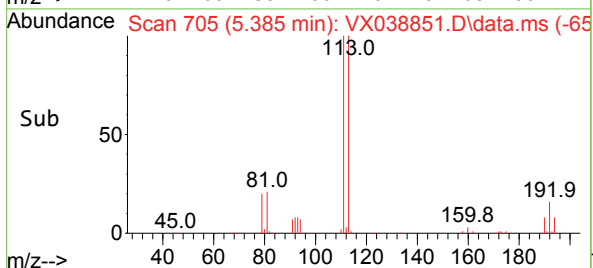
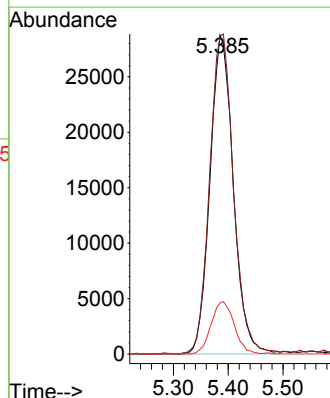
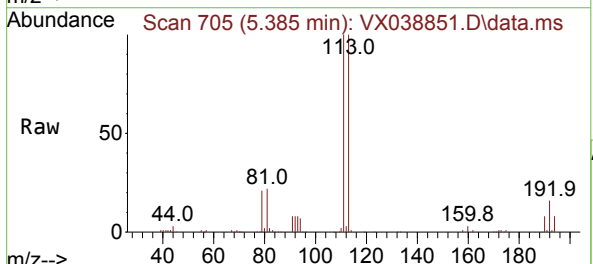
Tgt Ion:113 Resp: 84900

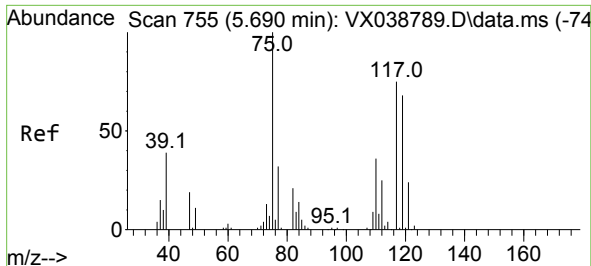
Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 16.2 13.3 19.9

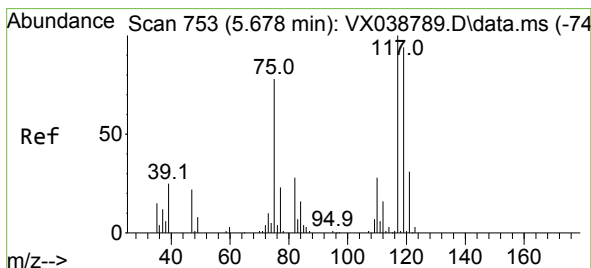
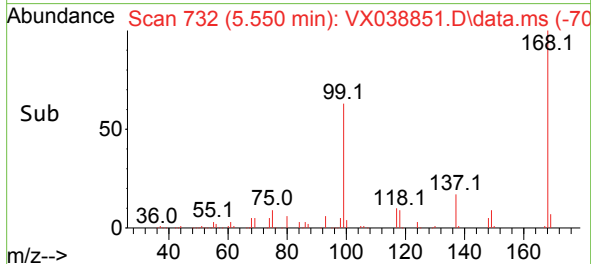
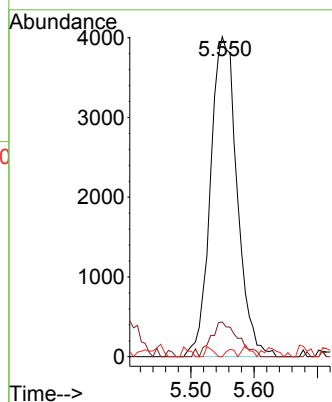
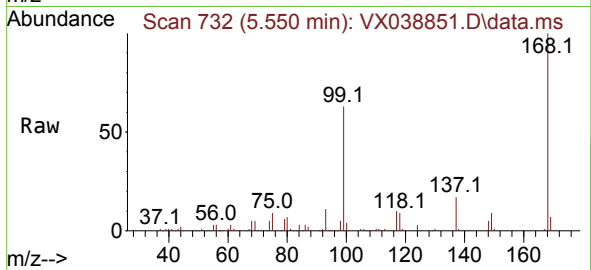




#36
1,1-Dichloropropene
Concen: 4.248 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

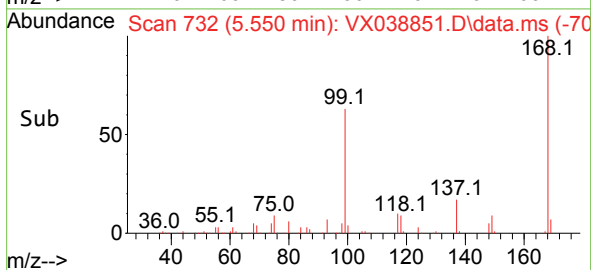
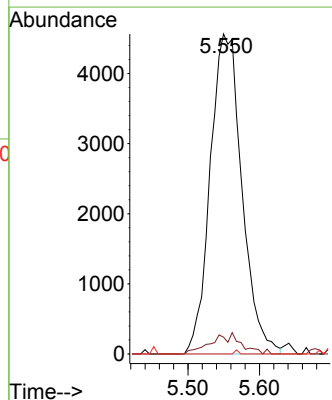
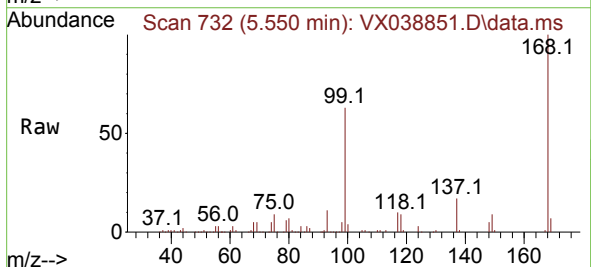
Instrument :
MSVOA_X
ClientSampleId :

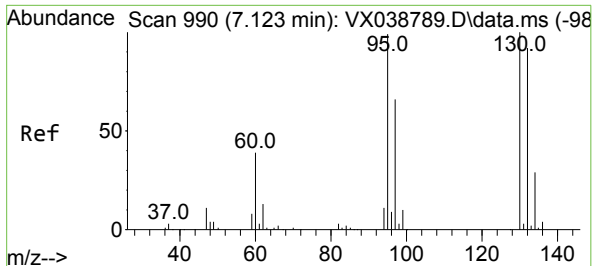
Tgt Ion: 75 Resp: 11715
Ion Ratio Lower Upper
75 100
110 11.3 17.0 50.9#
77 0.7 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 117 Resp: 14056
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#

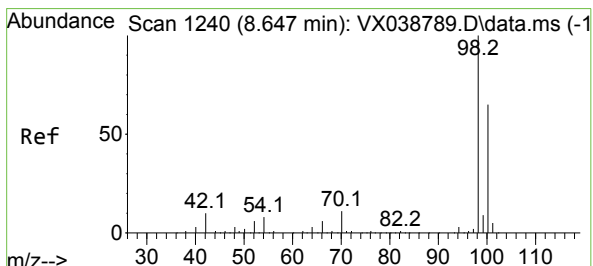
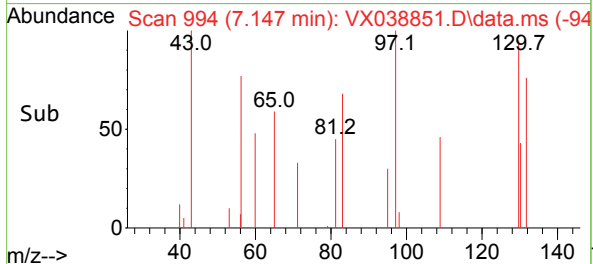
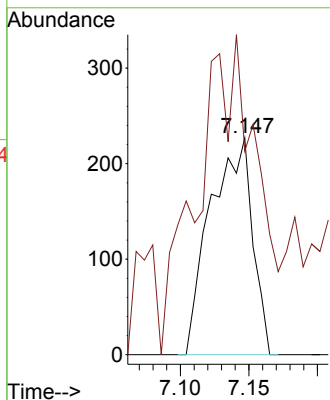
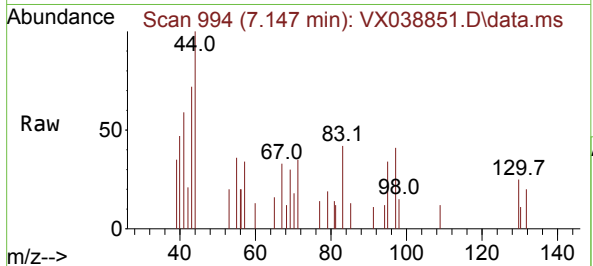




#44
Trichloroethene
Concen: 0.243 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

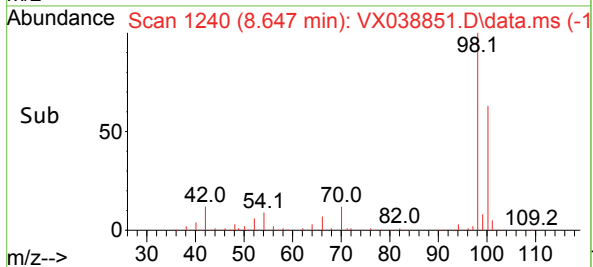
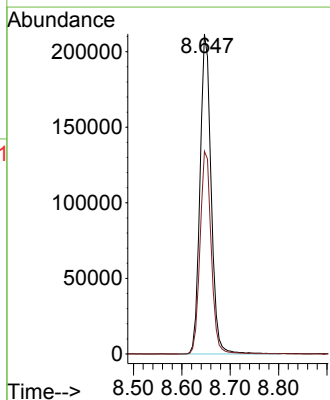
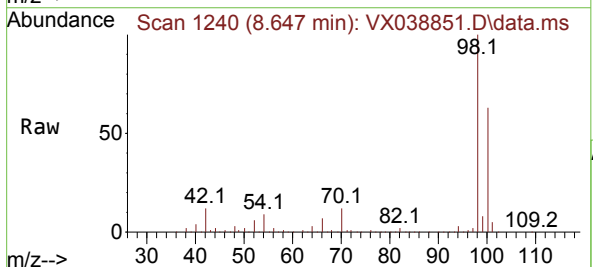
Instrument :
MSVOA_X
ClientSampleId :

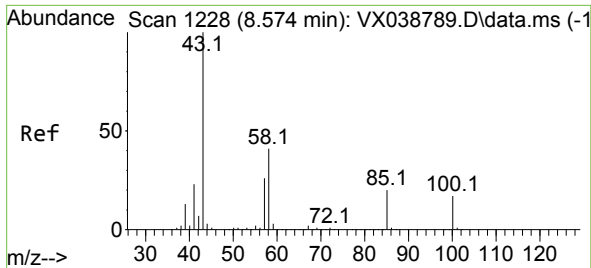
Tgt Ion:130 Resp: 483
Ion Ratio Lower Upper
130 100
95 55.5 0.0 204.4



#50
Toluene-d8
Concen: 45.831 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 98 Resp: 337396
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

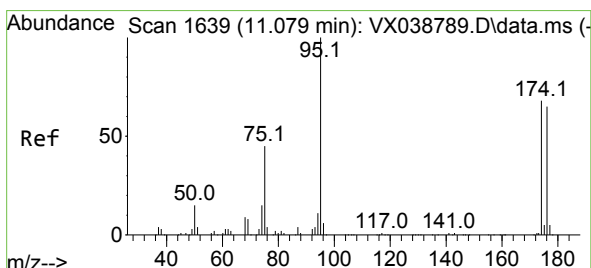
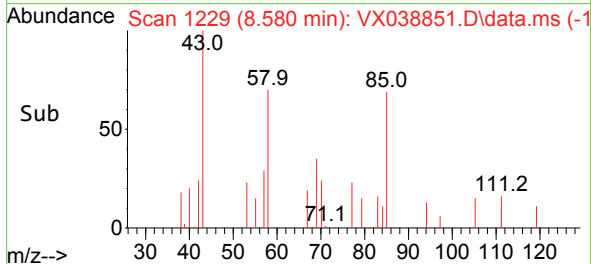
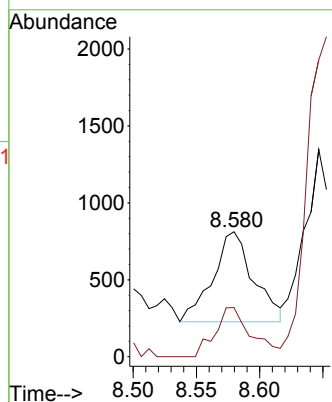
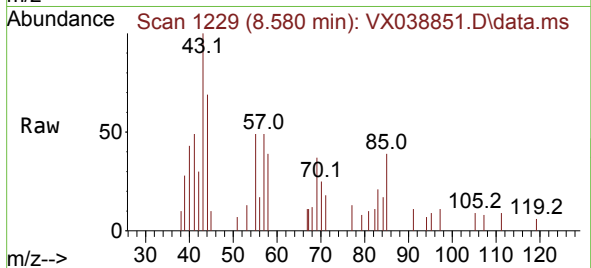




#51
4-Methyl-2-Pentanone
Concen: 0.356 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

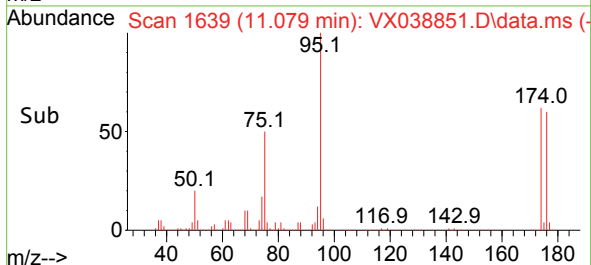
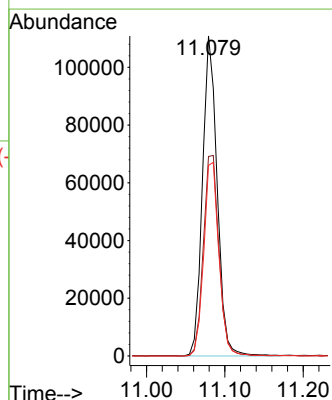
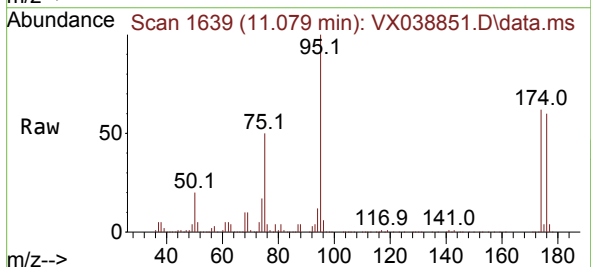
Instrument :
MSVOA_X
ClientSampleId :

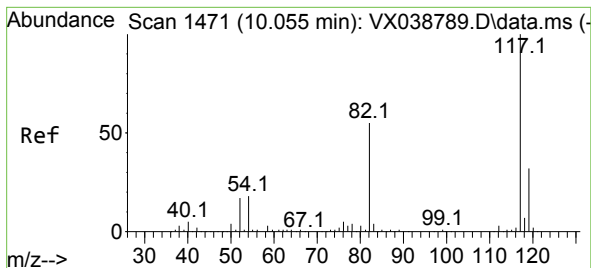
Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 48.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 95 Resp: 144344
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 62.6 0.0 131.0

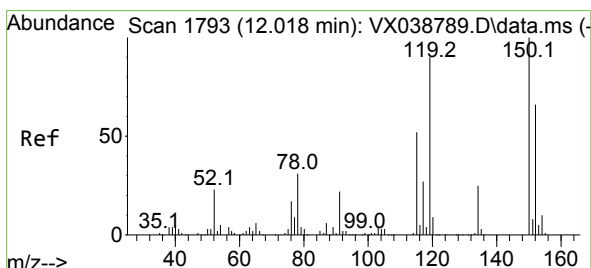
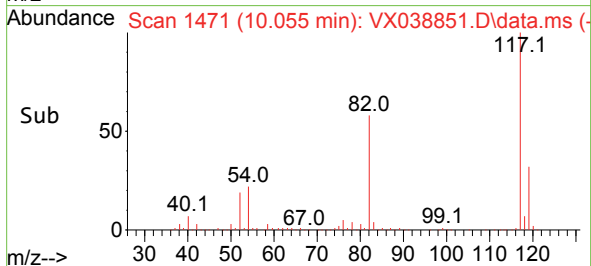
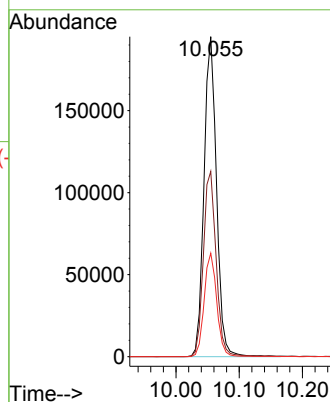
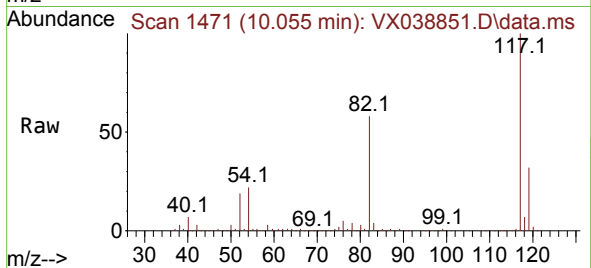




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

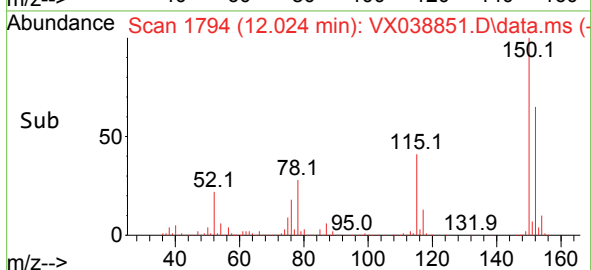
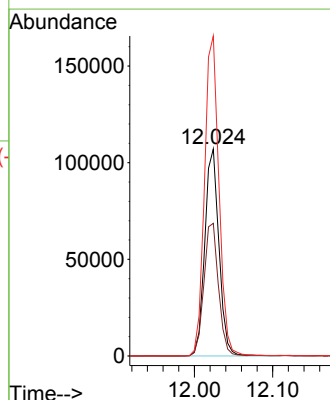
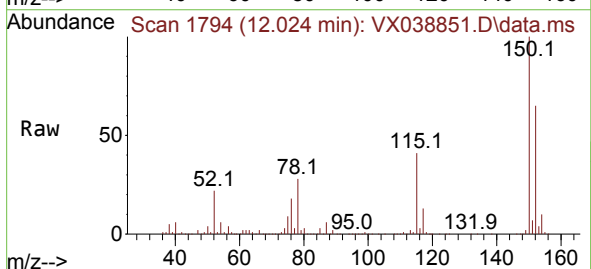
Instrument :
MSVOA_X
ClientSampleId :

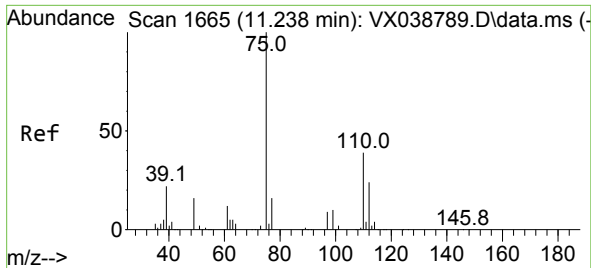
Tgt Ion:117 Resp: 268902
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion:152 Resp: 134595
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 157.2 0.0 345.0

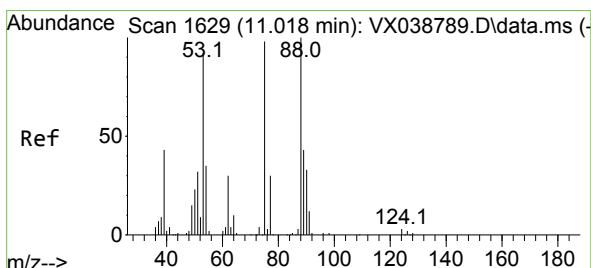
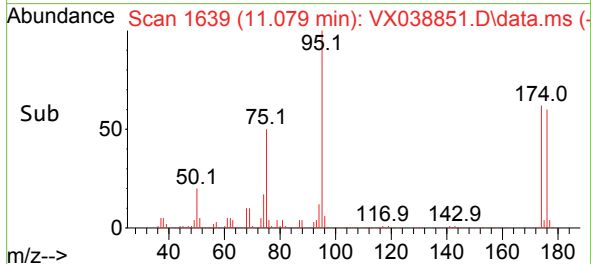
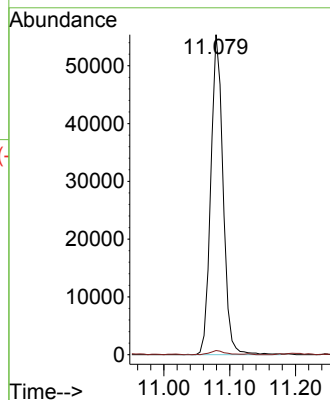
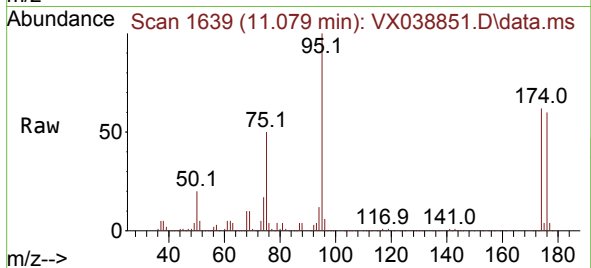




#76
1,2,3-Trichloropropane
Concen: 21.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 71924
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.507 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 75 Resp: 71924
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#

