

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031521.D
 Acq On : 21 Sep 2022 13:55
 Operator : JC/MD
 Sample : N4678-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 01:12:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

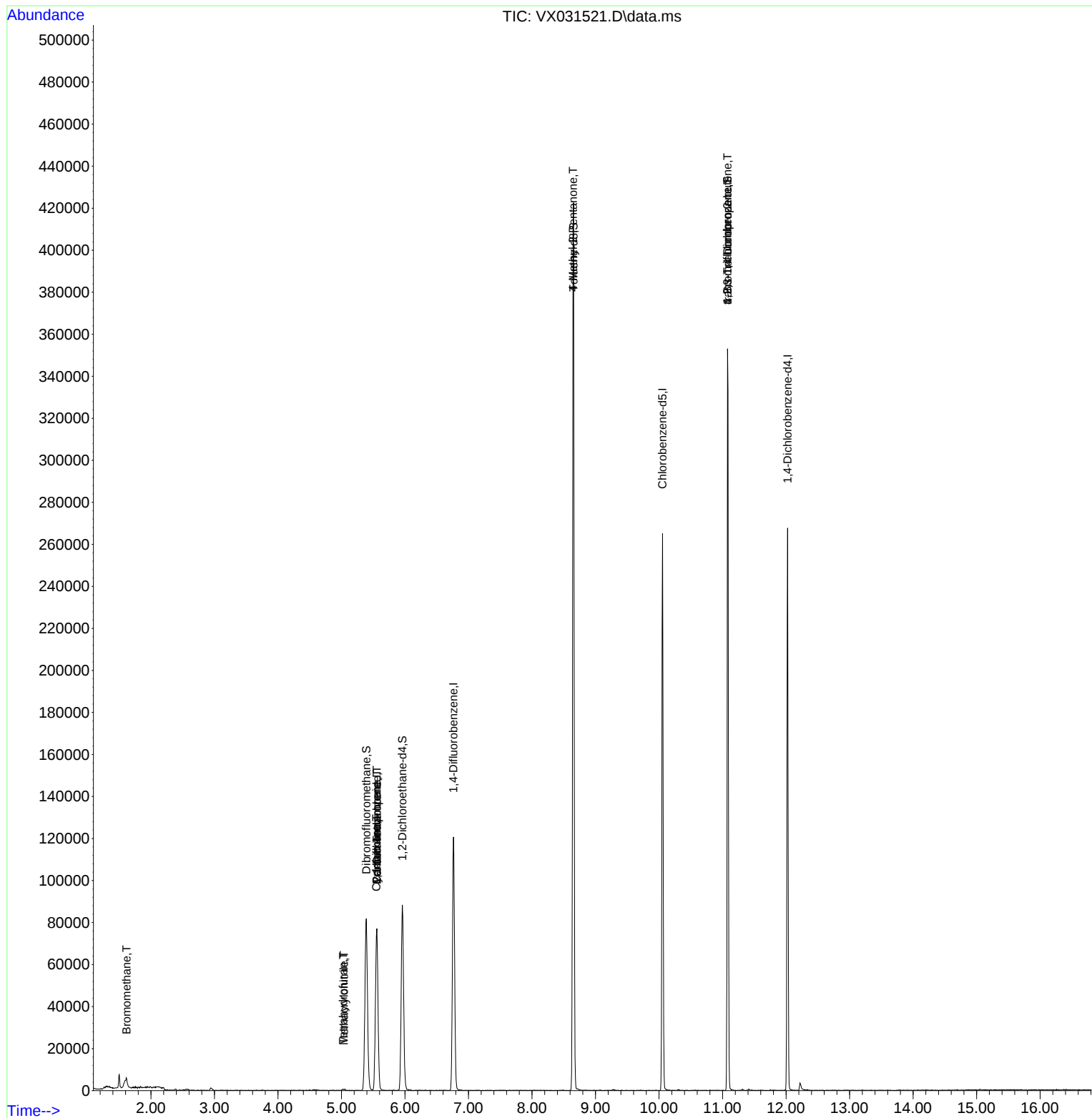
Internal Standards						
1) Pentafluorobenzene	5.556	168	74239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78022	57.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.720%
35) Dibromofluoromethane	5.391	113	65114	50.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	8.653	98	252294	50.901	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	11.079	95	79730	47.489	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	524	0.228	ug/l	97
6) Chloroethane	1.697	64	52	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	758	Below Cal	#	73
13) Acrolein	1.989	56	27	Below Cal	#	15
16) Acetone	2.392	43	645	Below Cal	#	45
29) Tetrahydrofuran	5.025	42	227	0.331	ug/l #	40
31) Cyclohexane	5.550	56	1826	0.904	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	5876	2.971	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7584	3.460	ug/l #	18
41) Methacrylonitrile	5.038	41	391	0.333	ug/l #	40
51) 4-Methyl-2-Pentanone	8.647	43	1133	0.486	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	151	Below Cal	#	11
76) 1,2,3-Trichloropropane	11.079	75	45587	39.320	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45587	126.605	ug/l #	11

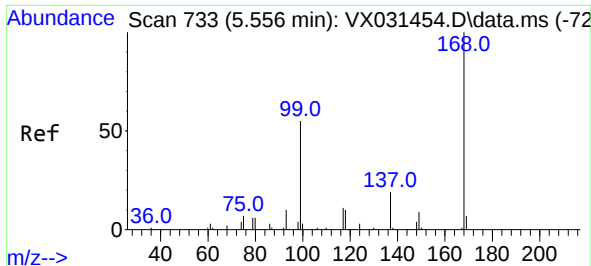
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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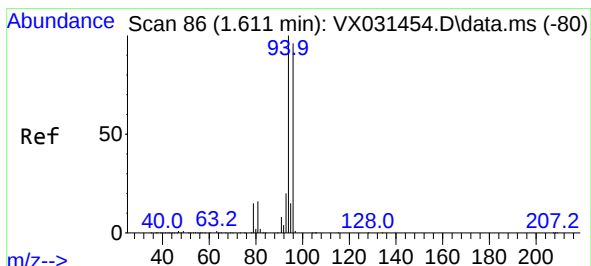
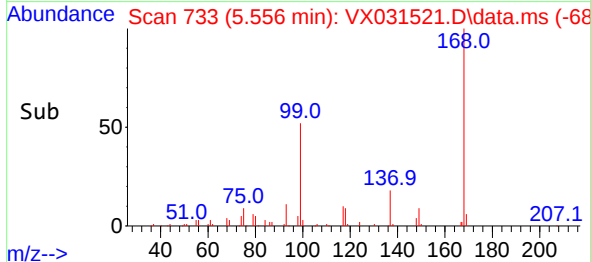
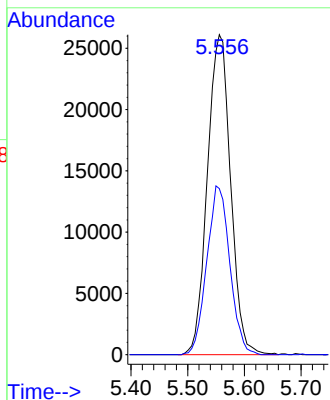
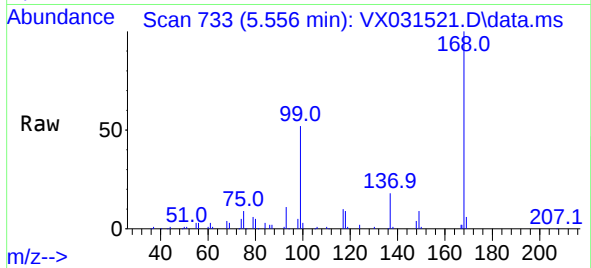




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

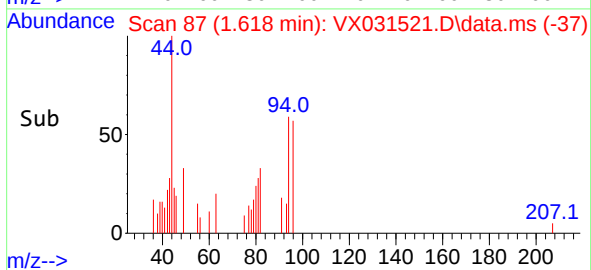
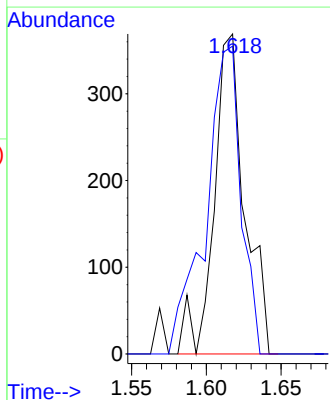
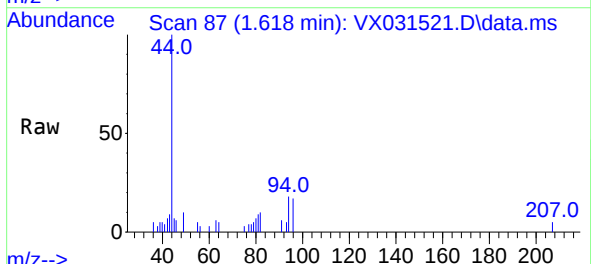
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 74239
Ion Ratio Lower Upper
168 100
99 51.9 48.8 73.2

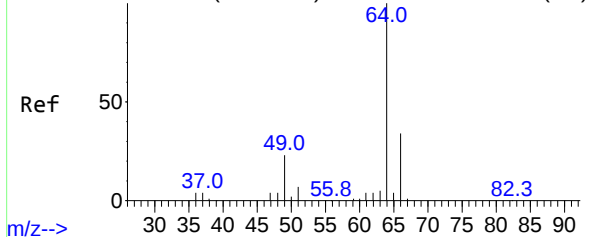


#5
Bromomethane
Concen: 0.228 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion: 94 Resp: 524
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.697 min Scan# 100

Delta R.T. 0.012 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

Instrument :

MSVOA_X

ClientSampleId :

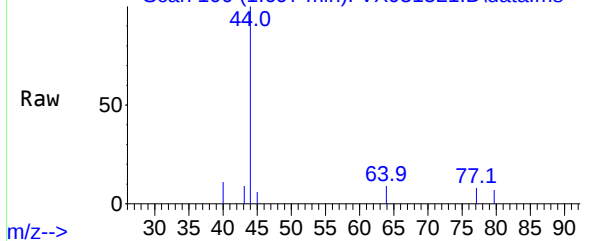
Tgt Ion: 64 Resp: 52

Ion Ratio Lower Upper

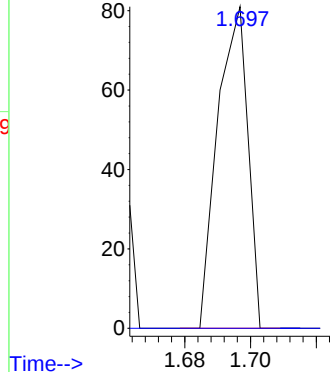
64 100

66 0.0 25.0 37.4#

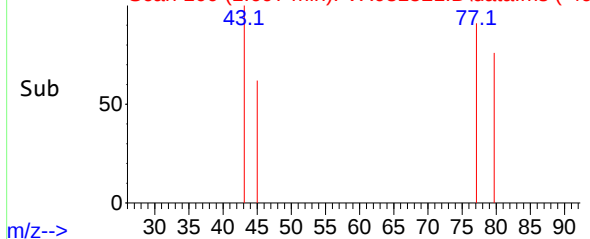
Abundance Scan 100 (1.697 min): VX031521.D\data.ms



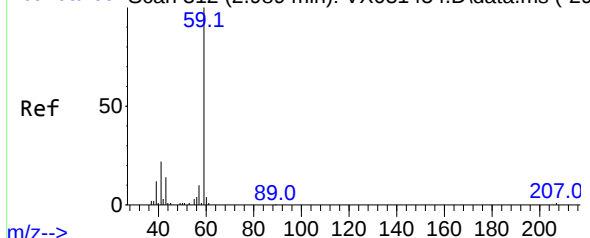
Abundance



Abundance Scan 100 (1.697 min): VX031521.D\data.ms (-49)



Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

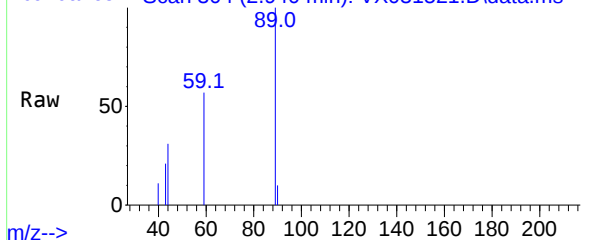
Tgt Ion: 59 Resp: 758

Ion Ratio Lower Upper

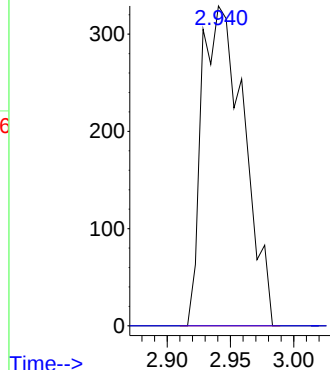
59 100

57 0.0 8.2 12.2#

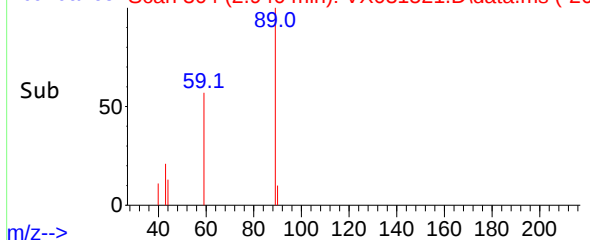
Abundance Scan 304 (2.940 min): VX031521.D\data.ms

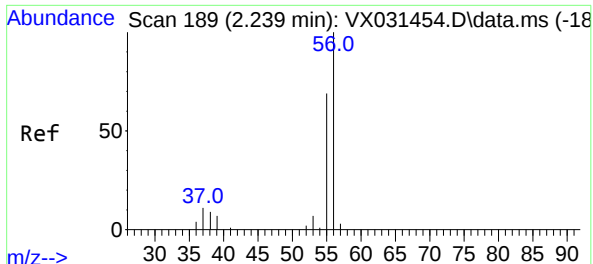


Abundance



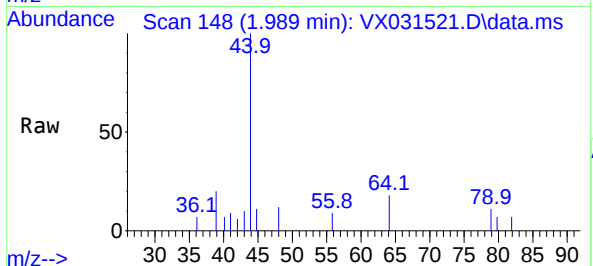
Abundance Scan 304 (2.940 min): VX031521.D\data.ms (-26)



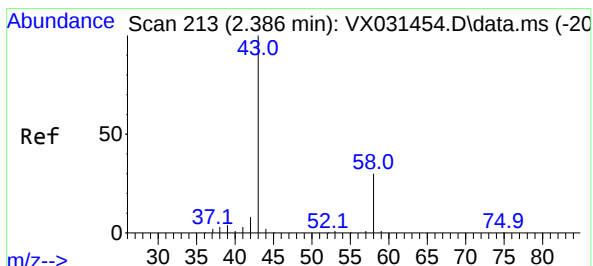
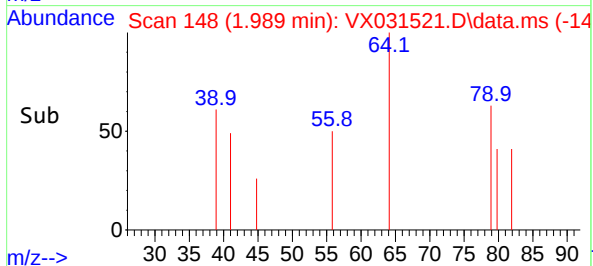
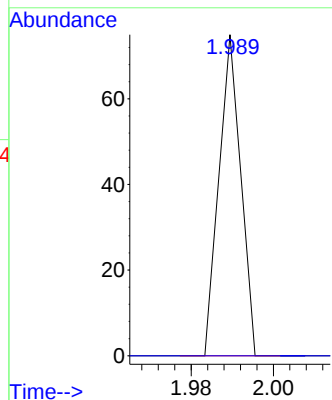


#13
Acrolein
Concen: Below Cal
RT: 1.989 min Scan# 14
Delta R.T. -0.250 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :

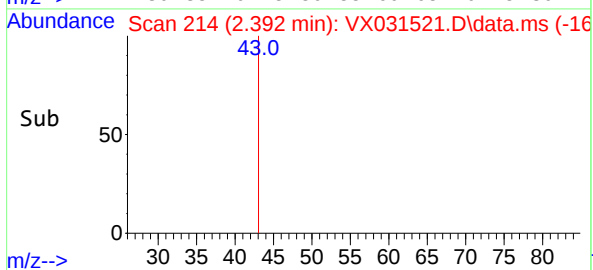
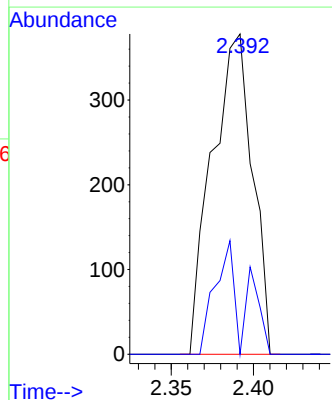
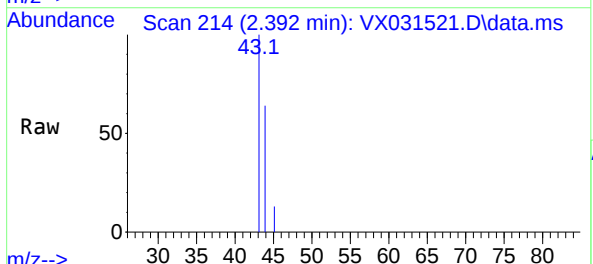


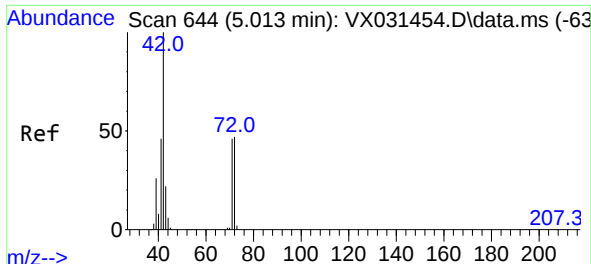
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

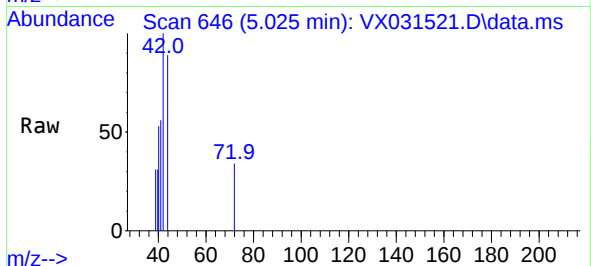
Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



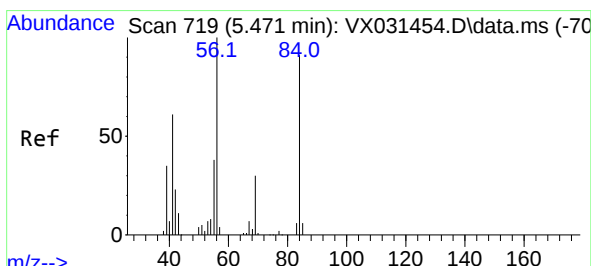
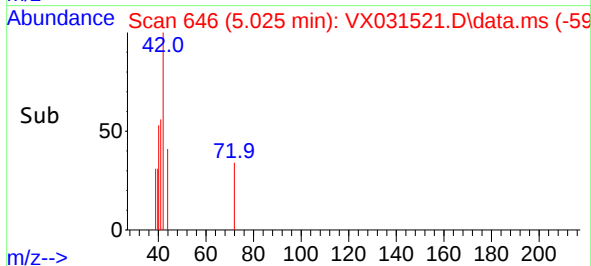
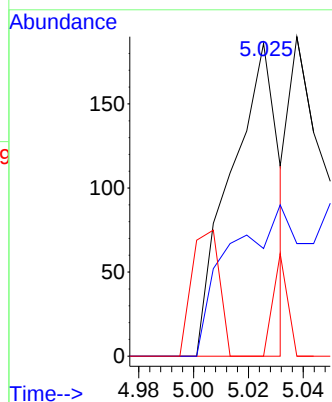


#29
Tetrahydrofuran
Concen: 0.331 ug/l
RT: 5.025 min Scan# 644
Delta R.T. 0.012 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :

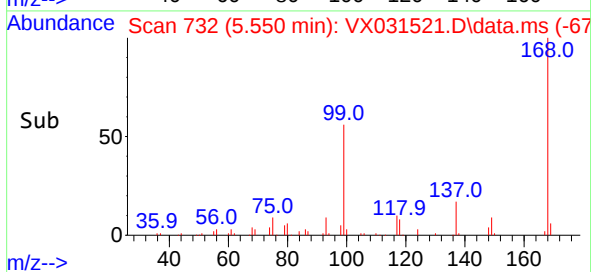
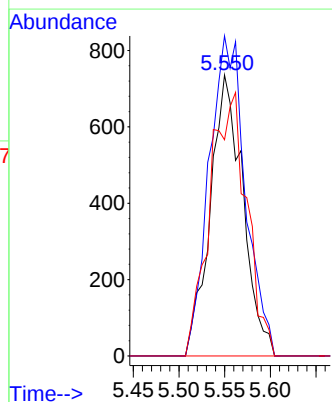
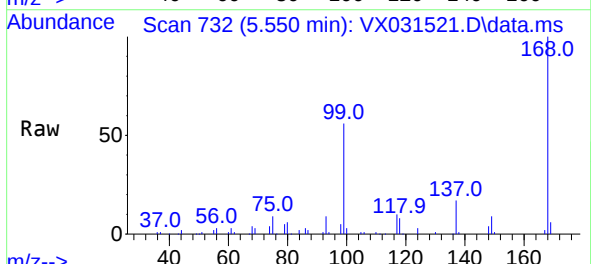


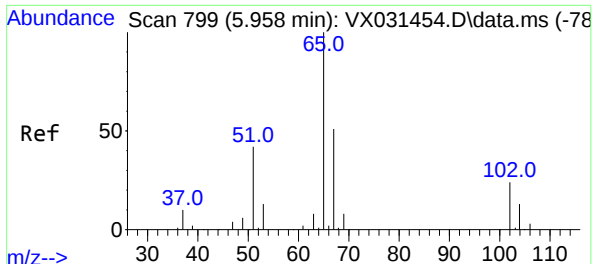
Tgt Ion: 42 Resp: 227
Ion Ratio Lower Upper
42 100
72 0.0 36.4 54.6#
71 9.7 33.5 50.3#



#31
Cyclohexane
Concen: 0.904 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion: 56 Resp: 1826
Ion Ratio Lower Upper
56 100
69 113.9 25.1 37.7#
84 76.9 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 57.358 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

Instrument :

MSVOA_X

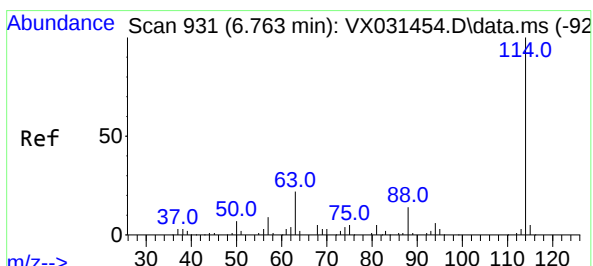
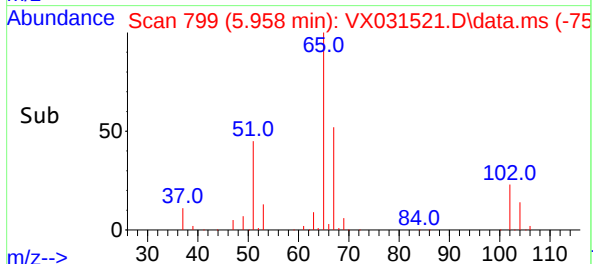
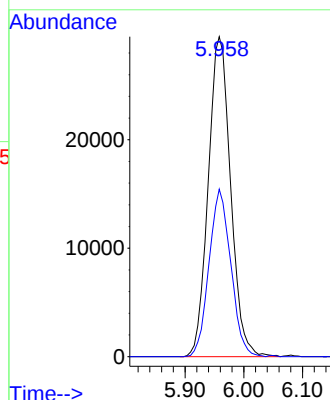
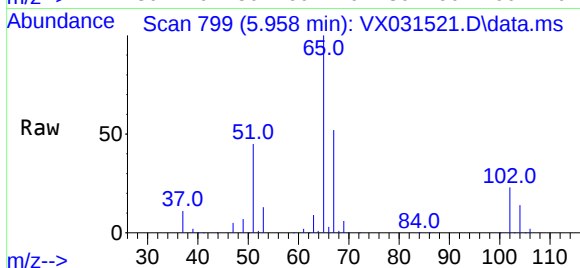
ClientSampleId :

Tgt Ion: 65 Resp: 78022

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

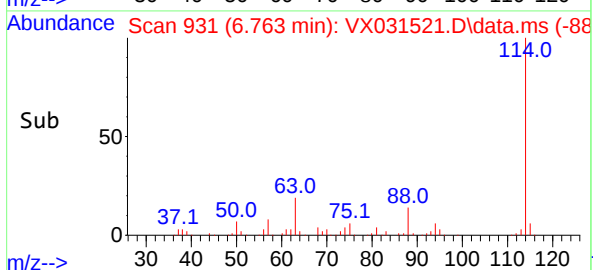
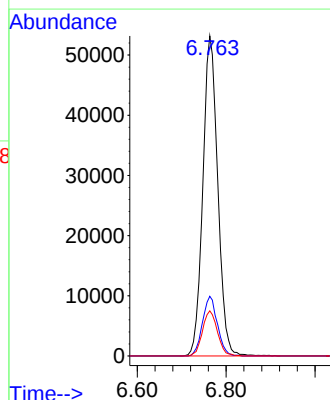
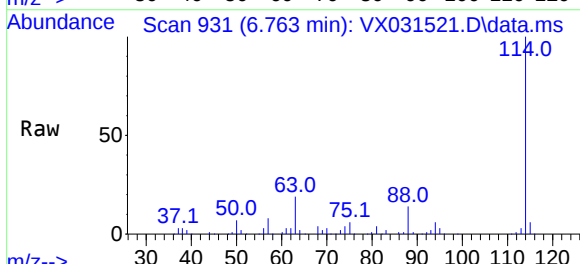
Tgt Ion: 114 Resp: 124408

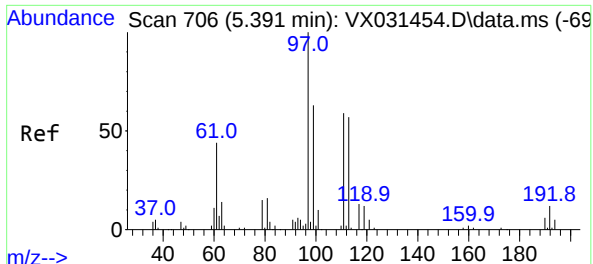
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

88 14.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.647 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

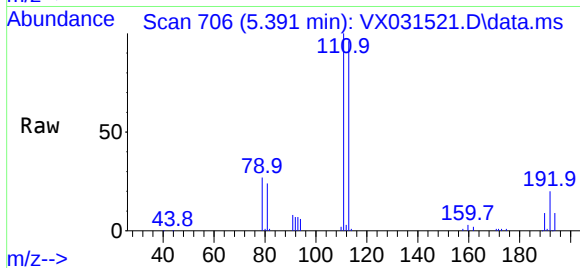
Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

Instrument :

MSVOA_X

ClientSampleId :



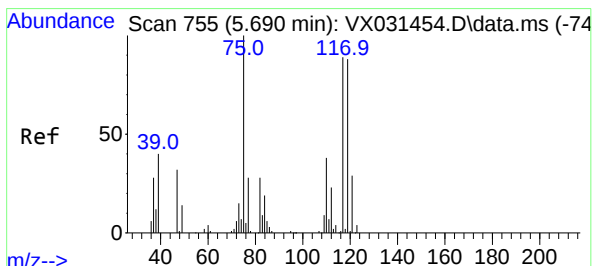
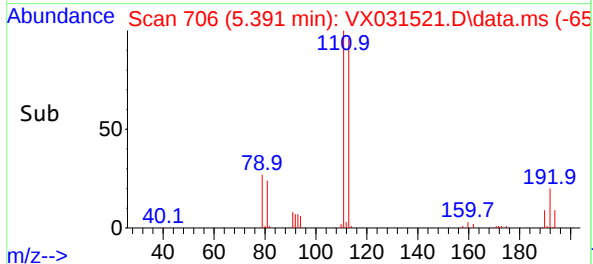
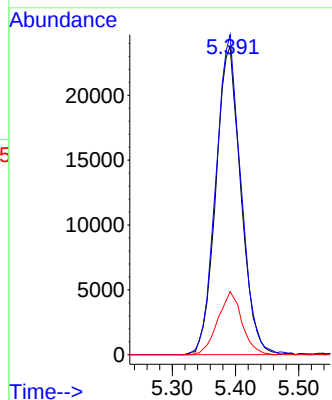
Tgt Ion:113 Resp: 65114

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 19.7 14.1 21.1



#36

1,1-Dichloropropene

Concen: 2.971 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

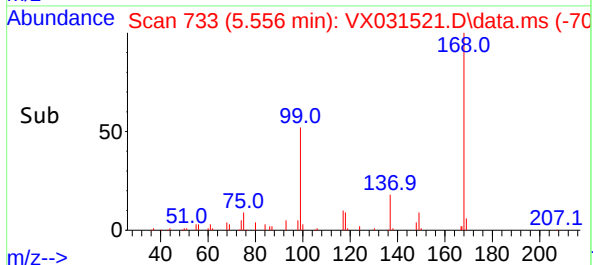
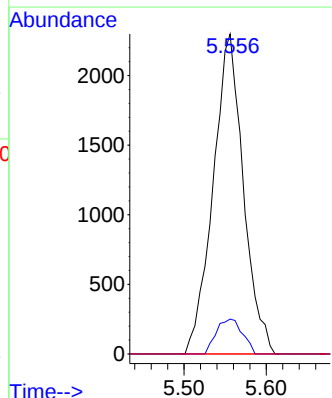
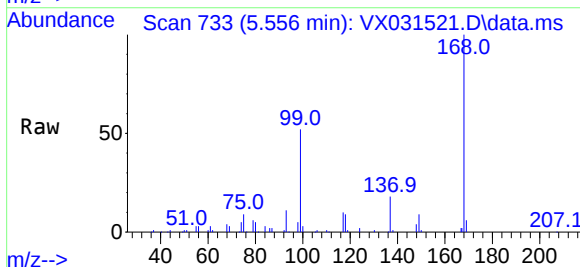
Tgt Ion: 75 Resp: 5876

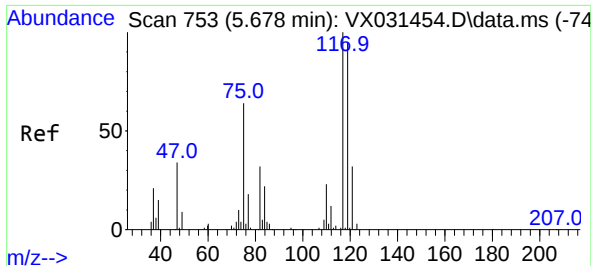
Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

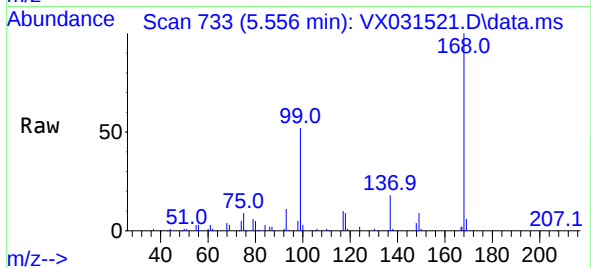
77 0.0 24.9 37.3#



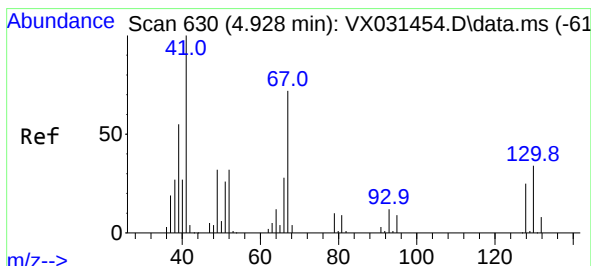
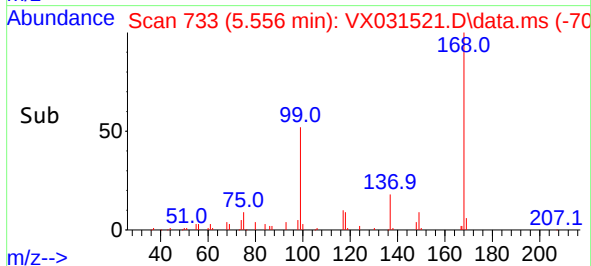
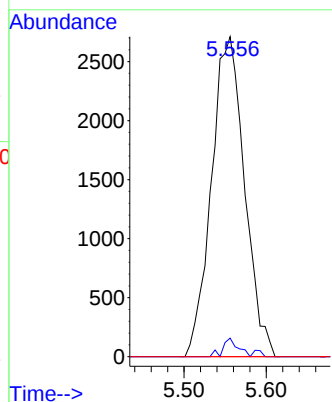


#38
Carbon Tetrachloride
Concen: 3.460 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :

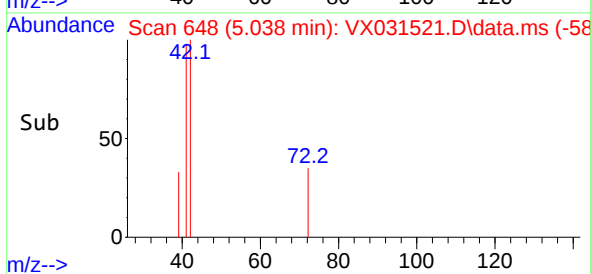
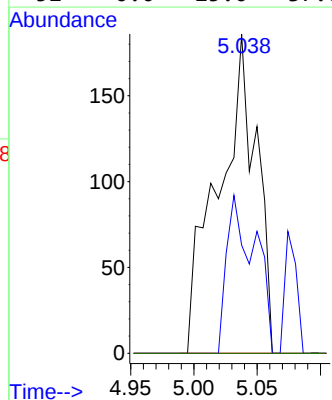
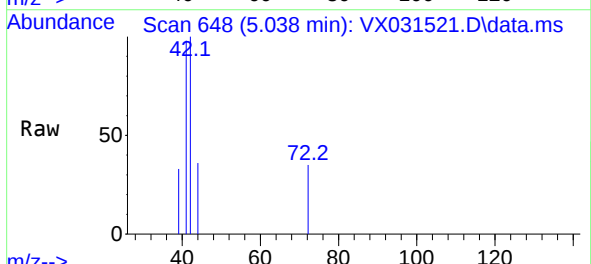


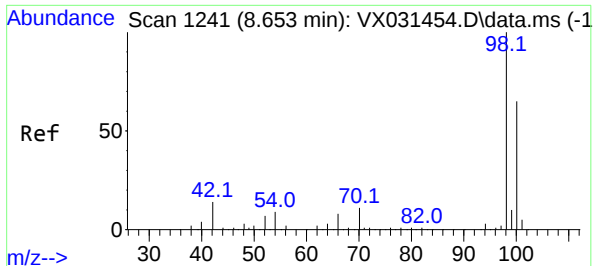
Tgt Ion:117 Resp: 7584
Ion Ratio Lower Upper
117 100
119 5.8 74.6 112.0#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 0.333 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion: 41 Resp: 391
Ion Ratio Lower Upper
41 100
39 36.6 45.0 67.6#
67 0.0 58.2 87.4#
52 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 50.901 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031521.D

Acq: 21 Sep 2022 13:55

Instrument :

MSVOA_X

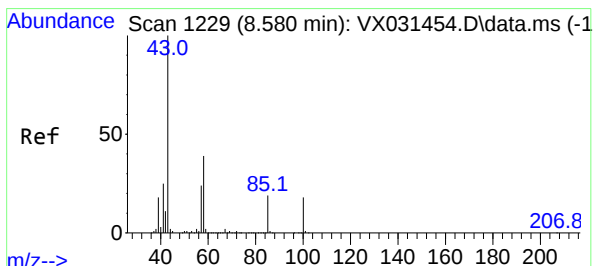
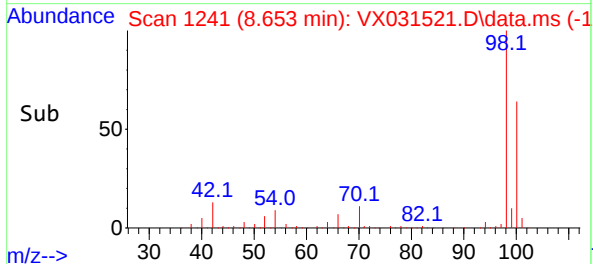
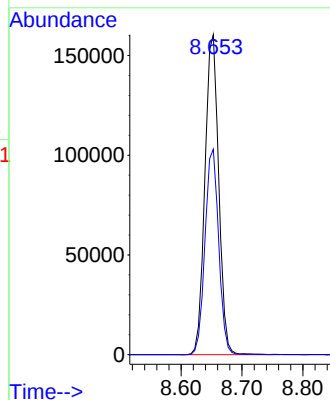
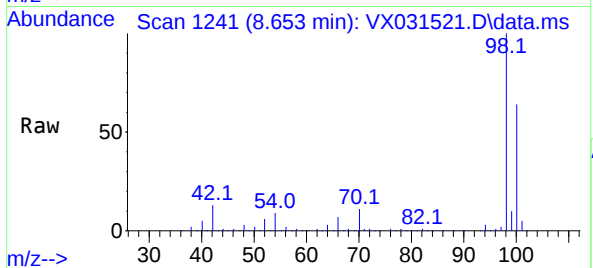
ClientSampleId :

Tgt Ion: 98 Resp: 252294

Ion Ratio Lower Upper

98 100

100 63.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.486 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031521.D

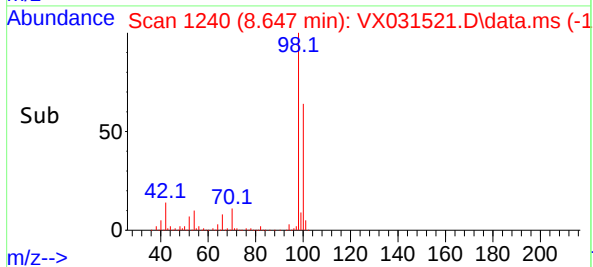
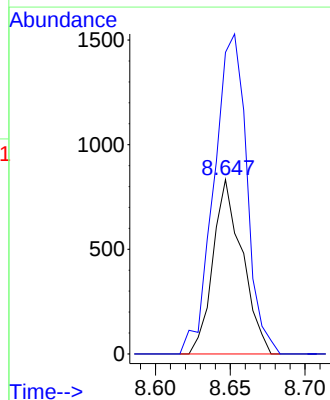
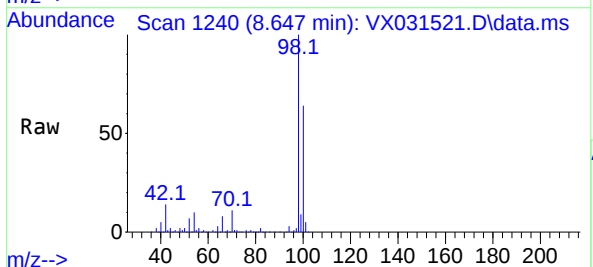
Acq: 21 Sep 2022 13:55

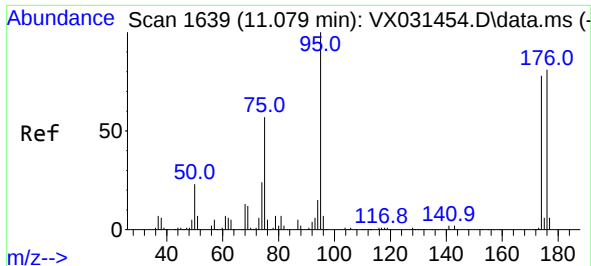
Tgt Ion: 43 Resp: 1133

Ion Ratio Lower Upper

43 100

58 205.7 30.6 46.0#

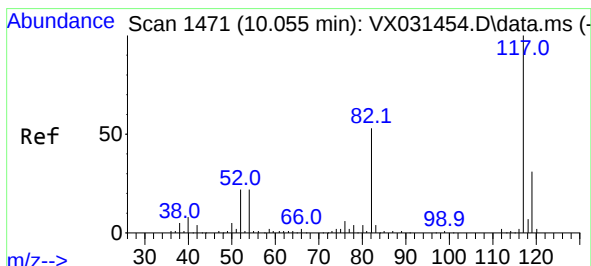
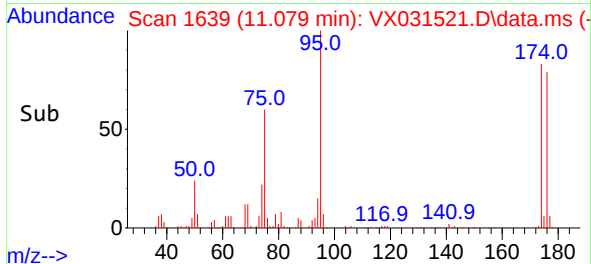
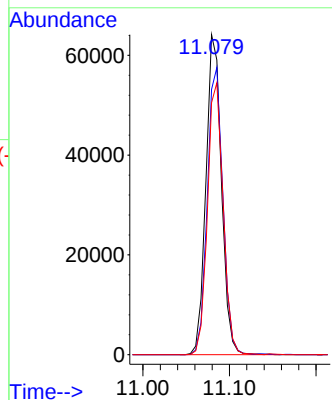
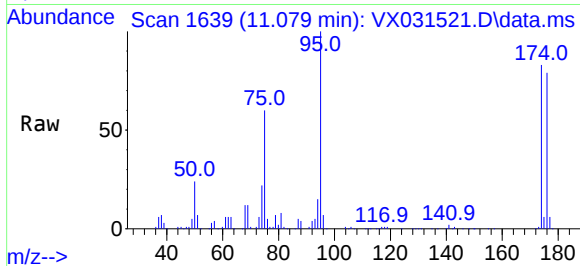




#62
4-Bromofluorobenzene
Concen: 47.489 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

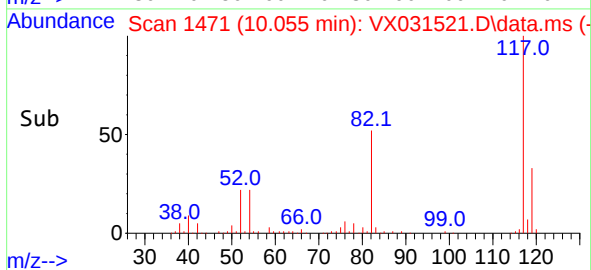
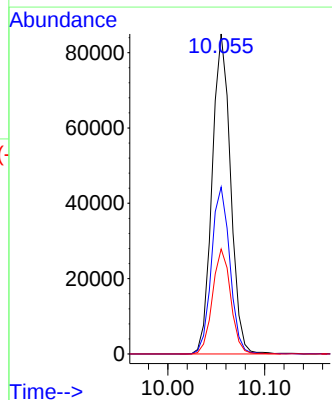
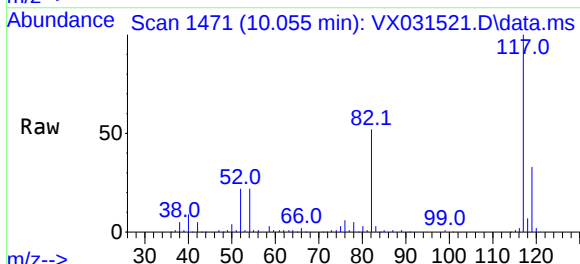
Instrument :
MSVOA_X
ClientSampleId :

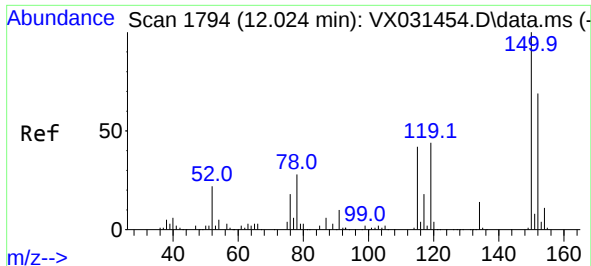
Tgt Ion: 95 Resp: 79730
Ion Ratio Lower Upper
95 100
174 90.5 0.0 153.2
176 85.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

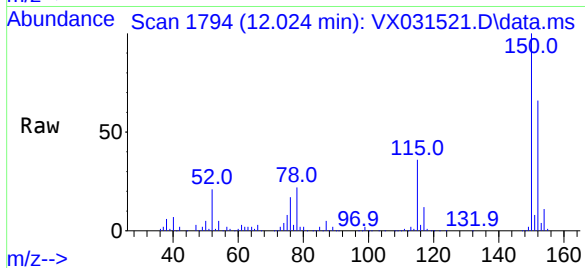
Tgt Ion: 117 Resp: 112223
Ion Ratio Lower Upper
117 100
82 52.2 46.8 70.2
119 32.8 26.4 39.6



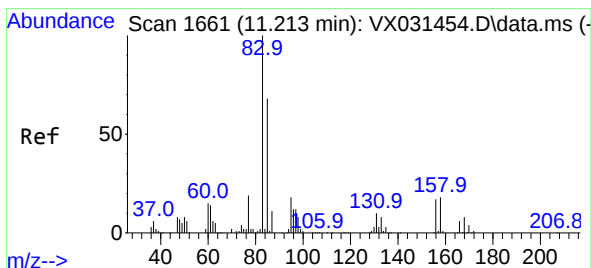
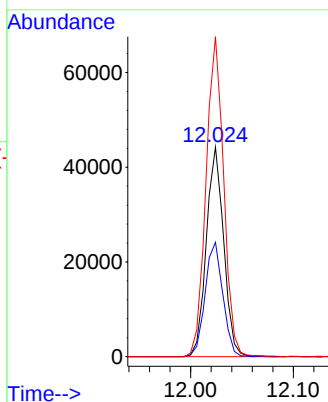
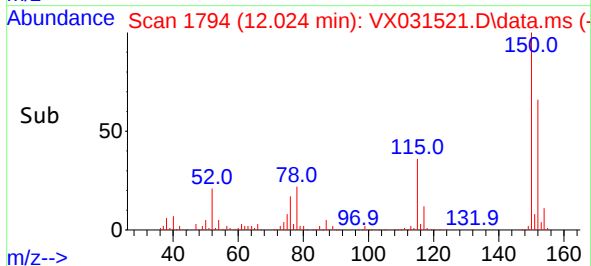


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

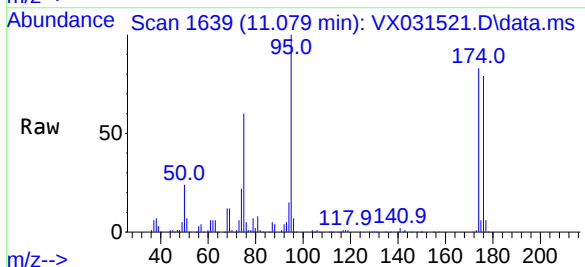
Instrument :
MSVOA_X
ClientSampleId :



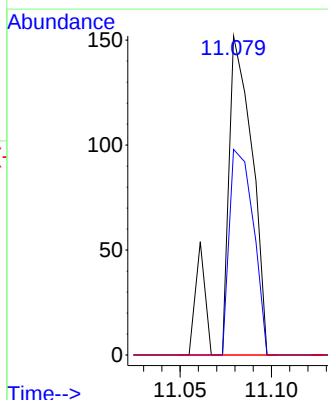
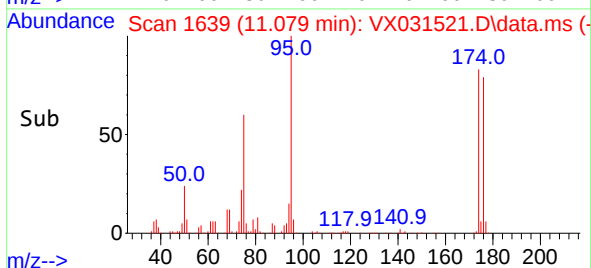
Tgt Ion:152 Resp: 51946
Ion Ratio Lower Upper
152 100
115 55.8 43.4 130.1
150 155.4 0.0 346.8

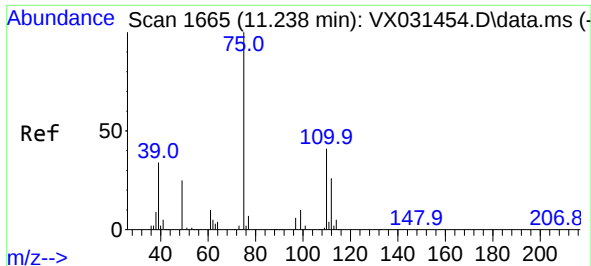


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55



Tgt Ion: 83 Resp: 151
Ion Ratio Lower Upper
83 100
131 58.9 5.1 15.4#
85 0.0 32.6 97.8#

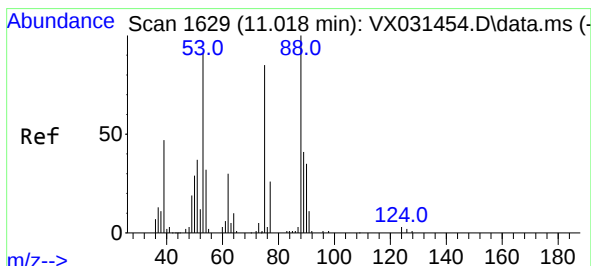
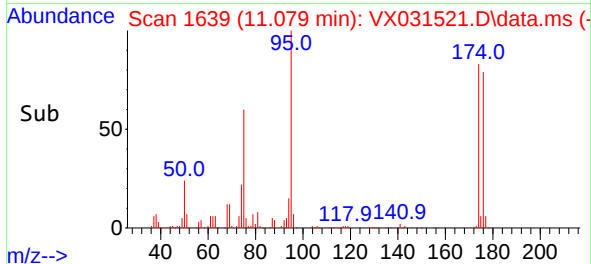
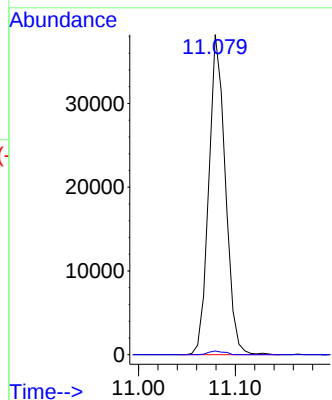
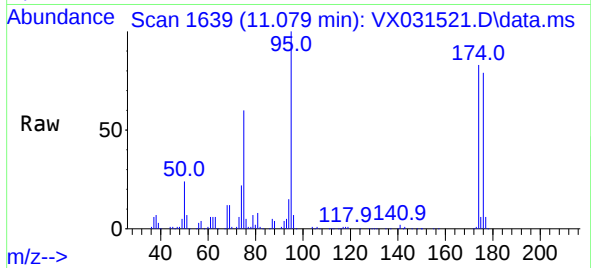




#76
1,2,3-Trichloropropane
Concen: 39.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45587
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031521.D
Acq: 21 Sep 2022 13:55

Tgt Ion: 75 Resp: 45587
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

