

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037419.D
 Acq On : 31 Aug 2023 10:15
 Operator : JC/MD
 Sample : 04128-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 31 18:23:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

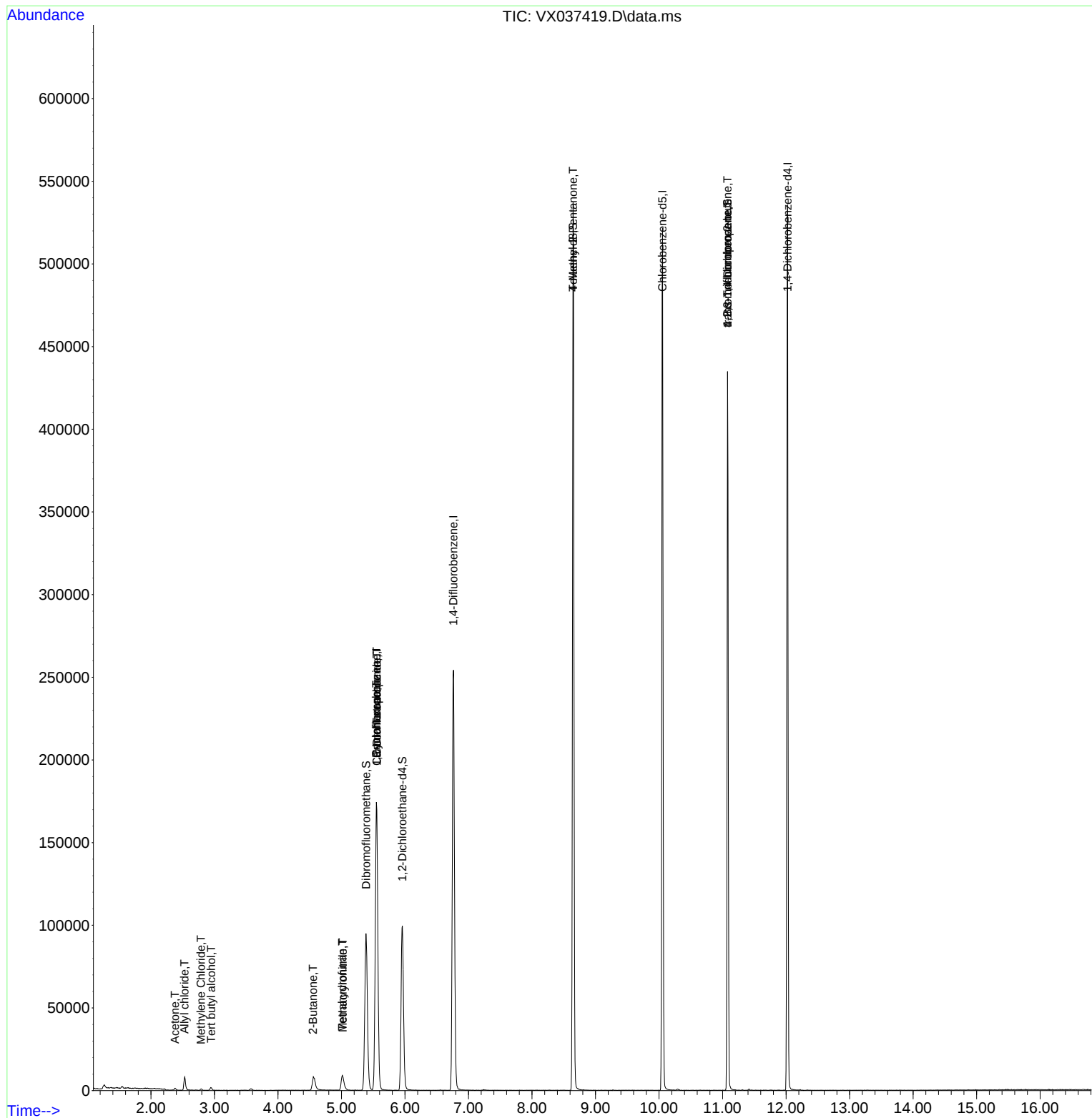
Internal Standards						
1) Pentafluorobenzene	5.550	168	163683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100381	42.538	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.080%		
35) Dibromofluoromethane	5.385	113	84459	47.042	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.647	98	320392	49.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.400%		
62) 4-Bromofluorobenzene	11.079	95	120104	46.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.860%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1082	1.955	ug/l #	78
14) Allyl chloride	2.526	41	785	0.301	ug/l #	74
16) Acetone	2.380	43	1368	1.482	ug/l #	77
20) Methylene Chloride	2.788	84	508	0.246	ug/l #	63
25) 2-Butanone	4.550	43	407	0.293	ug/l #	51
29) Tetrahydrofuran	5.013	42	8312	9.377	ug/l #	82
31) Cyclohexane	5.550	56	3140	1.183	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12684	4.973	ug/l #	51
38) Carbon Tetrachloride	5.556	117	16997	6.134	ug/l #	15
41) Methacrylonitrile	5.019	41	4984	3.679	ug/l #	47
51) 4-Methyl-2-Pentanone	8.647	43	1276	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	60233	24.207	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	60233	67.611	ug/l #	5

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

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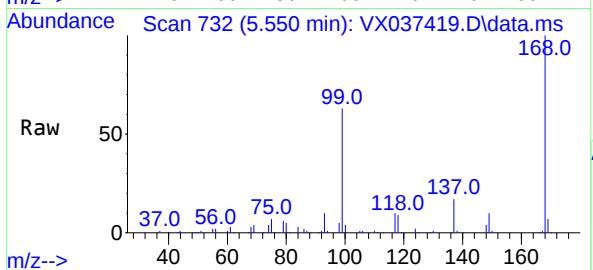
Quant Time: Aug 31 18:23:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



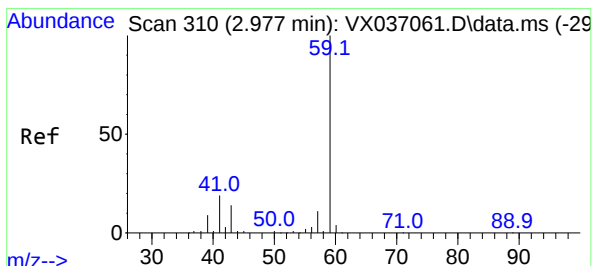
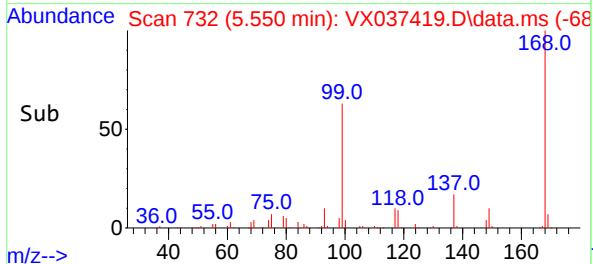
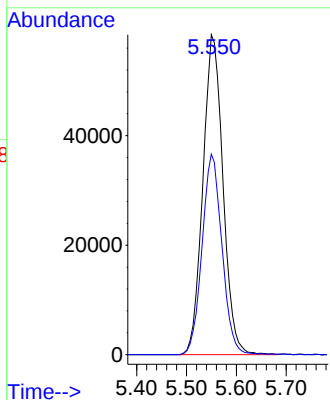


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

Instrument :
MSVOA_X
ClientSampleId :

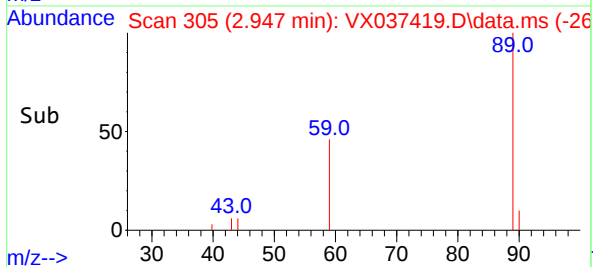
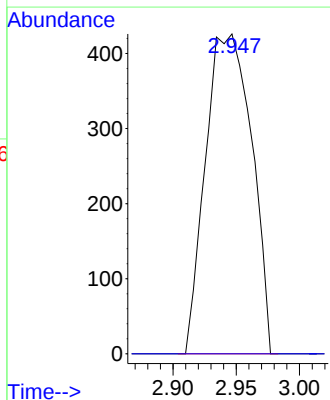
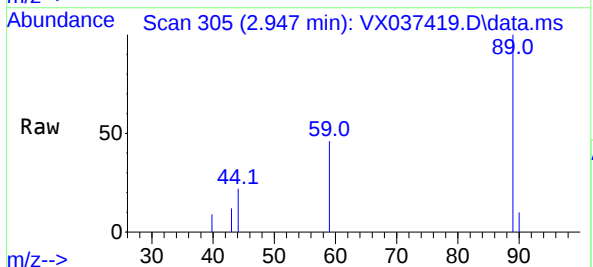


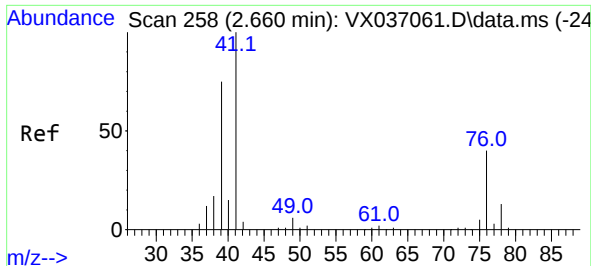
Tgt Ion:168 Resp: 163683
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.955 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

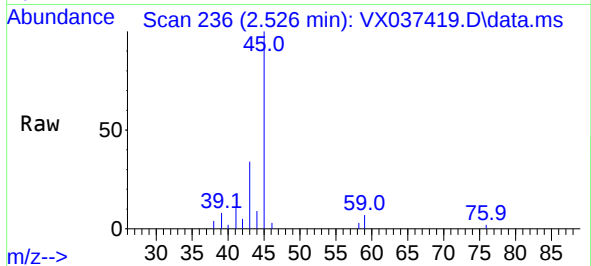
Tgt Ion: 59 Resp: 1082
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



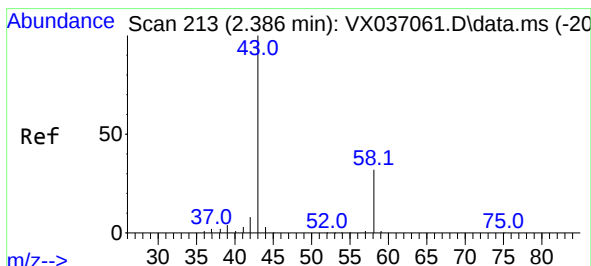
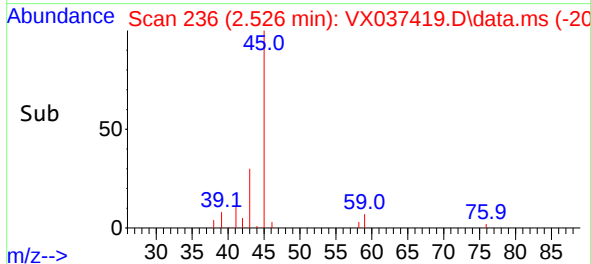
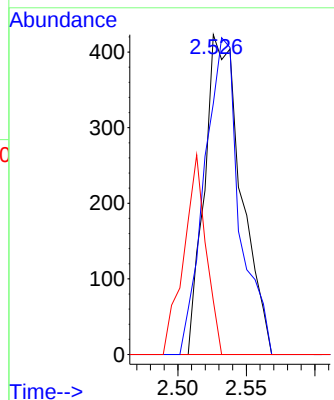


#14
 Allyl chloride
 Concen: 0.301 ug/l
 RT: 2.526 min Scan# 212
 Delta R.T. -0.134 min
 Lab File: VX037419.D
 Acq: 31 Aug 2023 10:15

Instrument :
 MSVOA_X
 ClientSampleId :

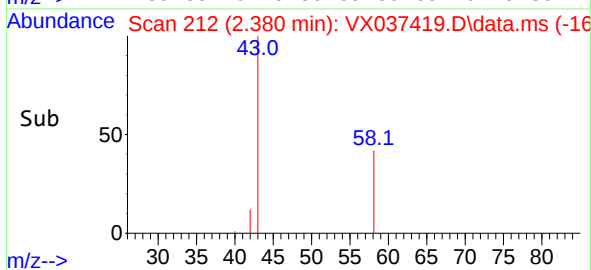
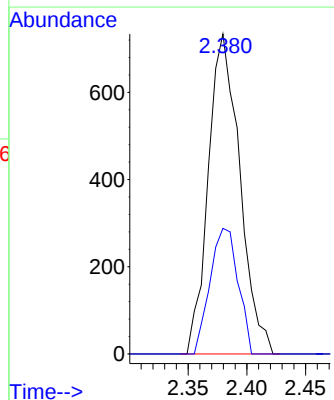
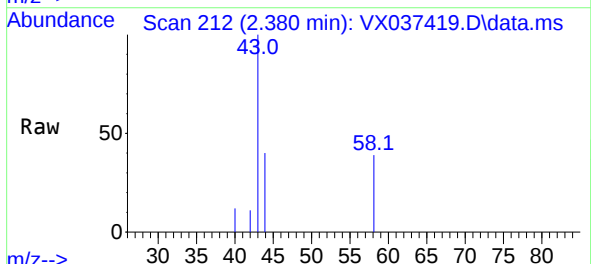


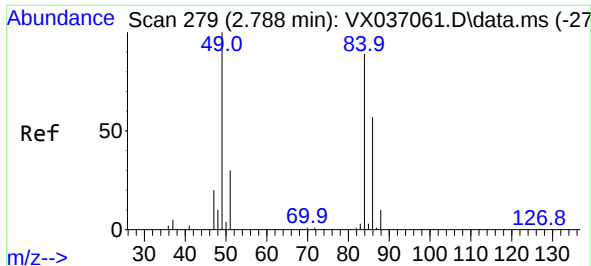
Tgt Ion: 41 Resp: 785
 Ion Ratio Lower Upper
 41 100
 39 95.3 55.8 83.6#
 76 38.0 24.3 36.5#



#16
 Acetone
 Concen: 1.482 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX037419.D
 Acq: 31 Aug 2023 10:15

Tgt Ion: 43 Resp: 1368
 Ion Ratio Lower Upper
 43 100
 58 39.2 21.9 32.9#





#20

Methylene Chloride

Concen: 0.246 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

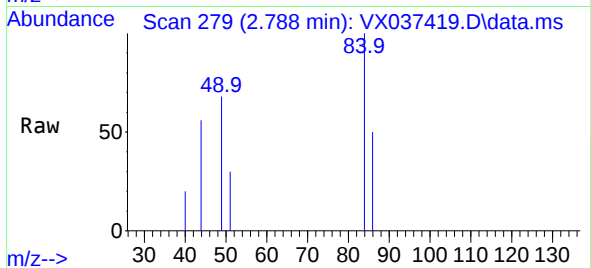
Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 508

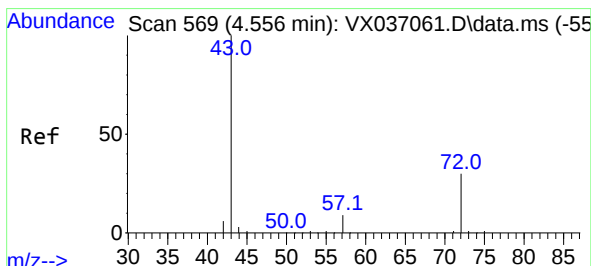
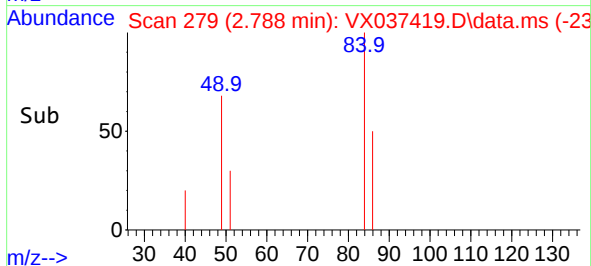
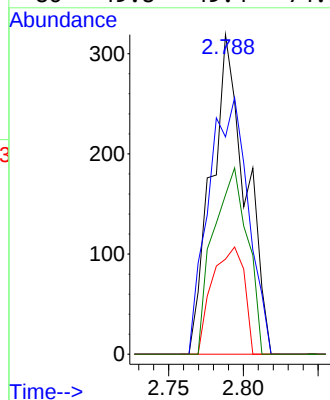
Ion Ratio Lower Upper

84 100

49 68.0 103.6 155.4#

51 29.8 33.8 50.6#

86 49.8 49.4 74.0



#25

2-Butanone

Concen: 0.293 ug/l

RT: 4.550 min Scan# 568

Delta R.T. -0.006 min

Lab File: VX037419.D

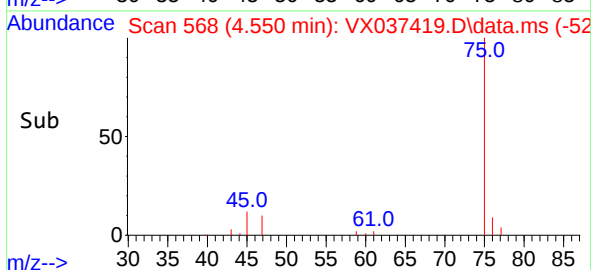
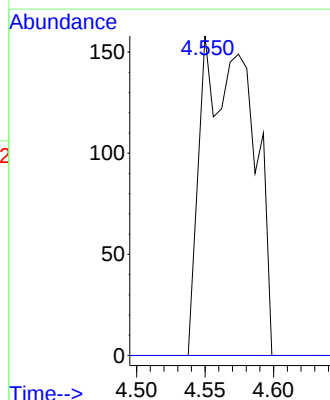
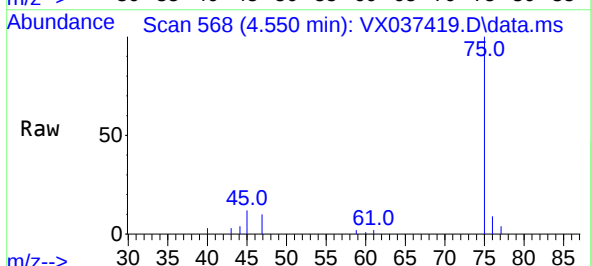
Acq: 31 Aug 2023 10:15

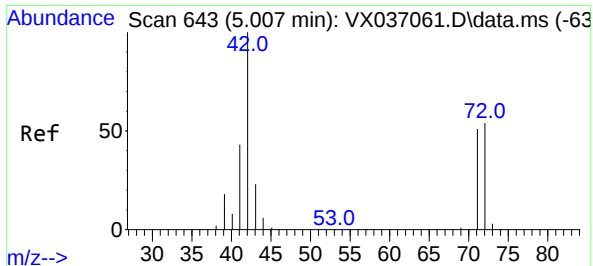
Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#





#29

Tetrahydrofuran

Concen: 9.377 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

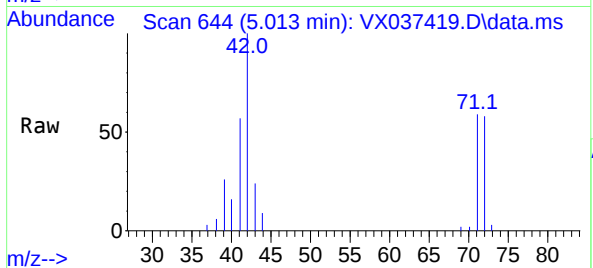
Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :



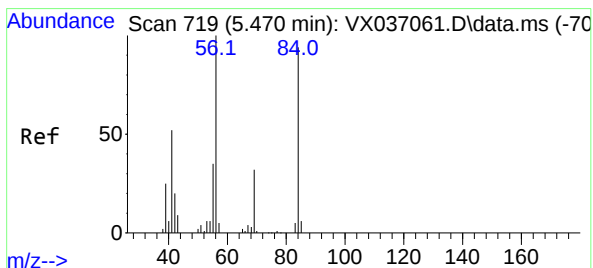
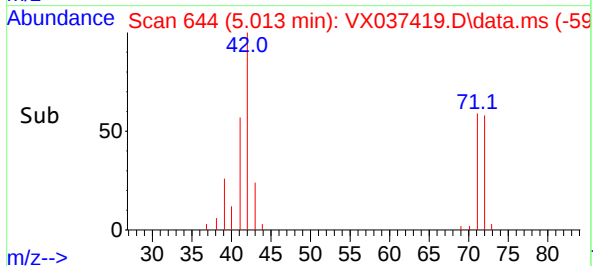
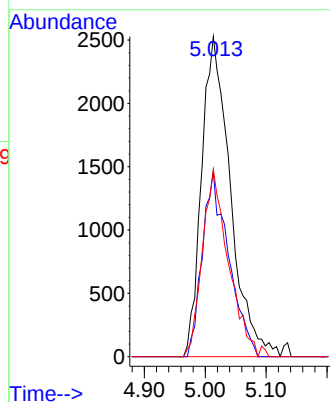
Tgt Ion: 42 Resp: 8312

Ion Ratio Lower Upper

42 100

72 53.1 34.2 51.4#

71 52.6 32.2 48.2#



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

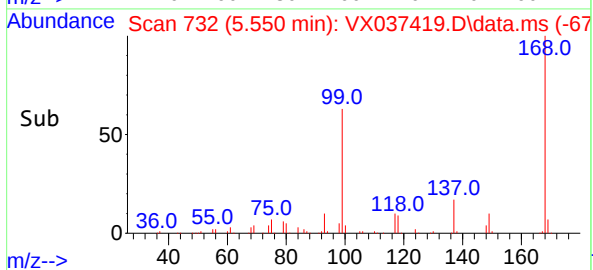
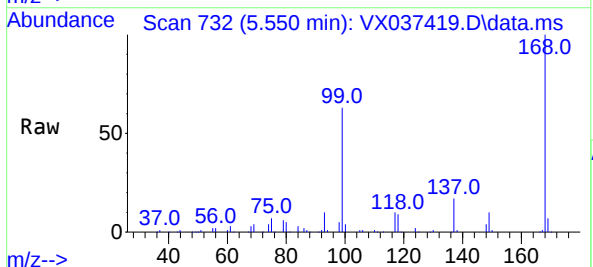
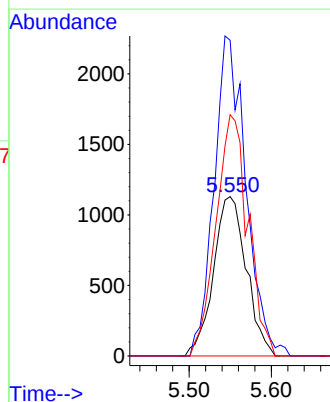
Tgt Ion: 56 Resp: 3140

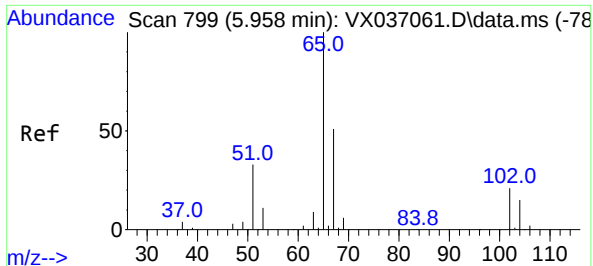
Ion Ratio Lower Upper

56 100

69 198.1 23.4 35.2#

84 151.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.538 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

Instrument :

MSVOA_X

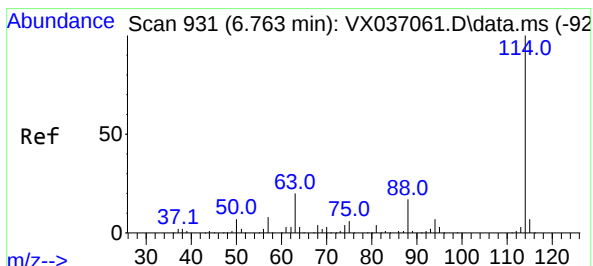
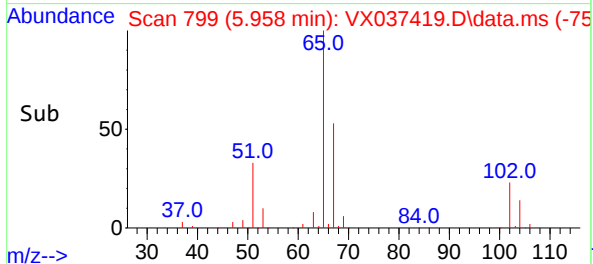
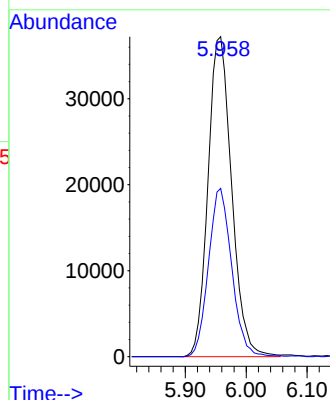
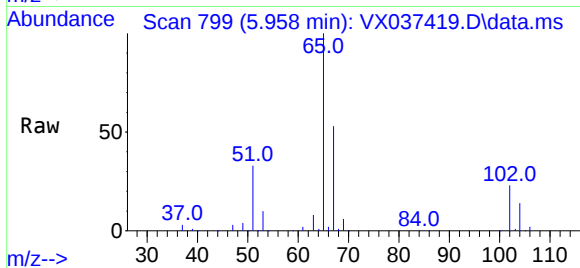
ClientSampleId :

Tgt Ion: 65 Resp: 100381

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: VX037419.D

Acq: 31 Aug 2023 10:15

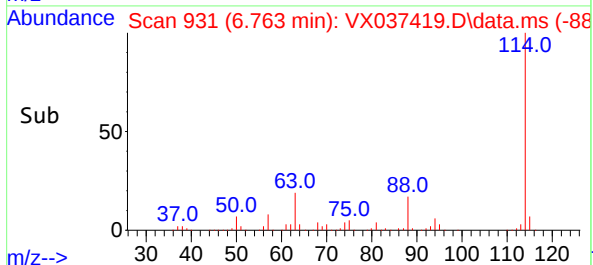
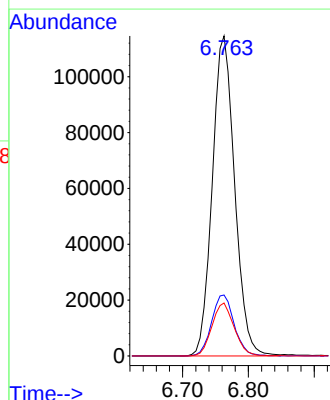
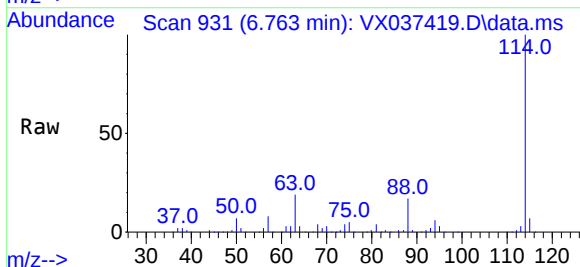
Tgt Ion: 114 Resp: 271097

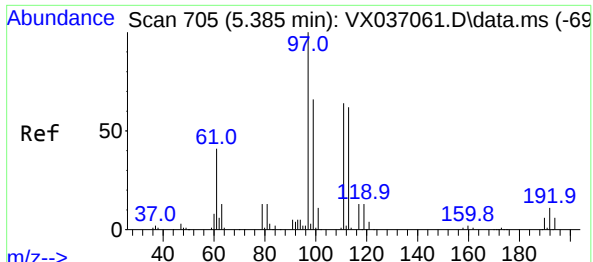
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.042 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

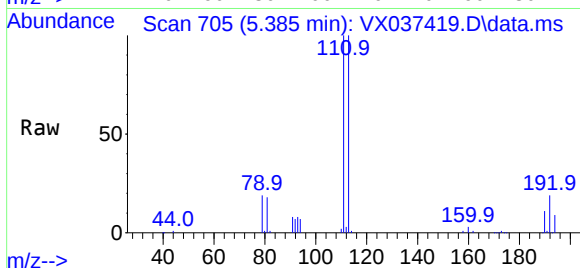
Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :



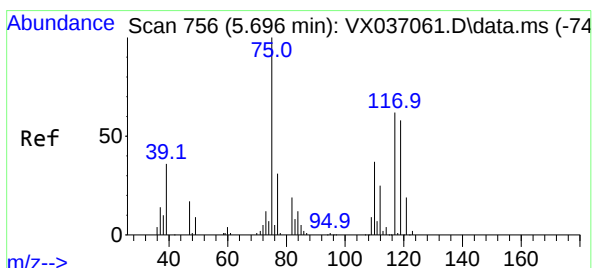
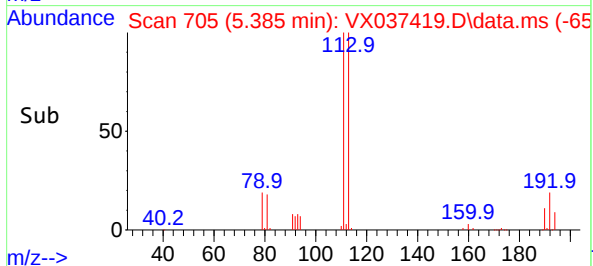
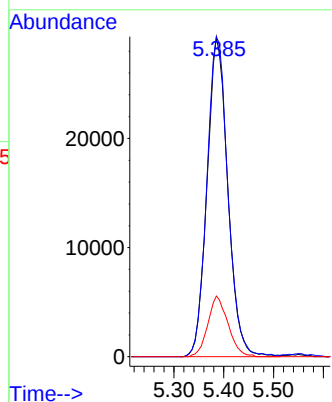
Tgt Ion:113 Resp: 84459

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 18.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

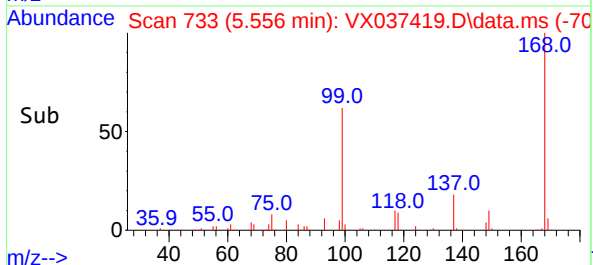
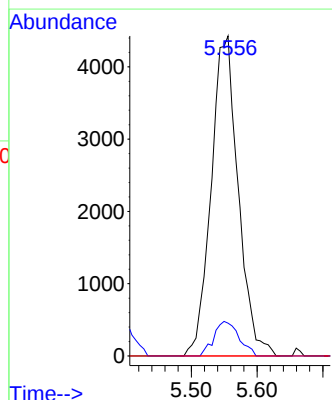
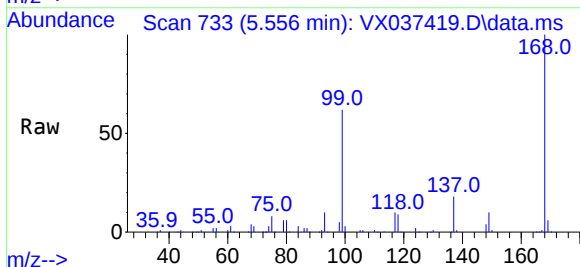
Tgt Ion: 75 Resp: 12684

Ion Ratio Lower Upper

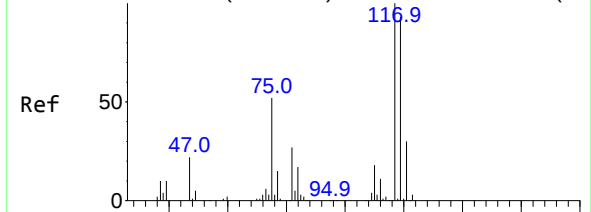
75 100

110 10.0 17.0 50.9#

77 0.0 24.7 37.1#

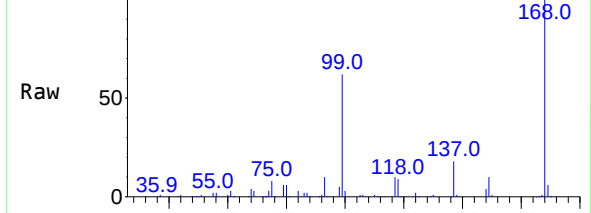


Abundance Scan 752 (5.672 min): VX037061.D\data.ms (-74



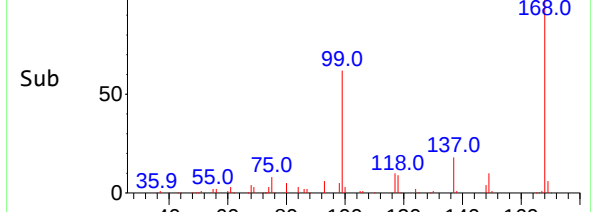
m/z-->

Abundance Scan 733 (5.556 min): VX037419.D\data.ms



m/z-->

Abundance Scan 733 (5.556 min): VX037419.D\data.ms (-70



m/z-->

#38

Carbon Tetrachloride

Concen: 6.134 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.116 min

Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:117 Resp: 16997

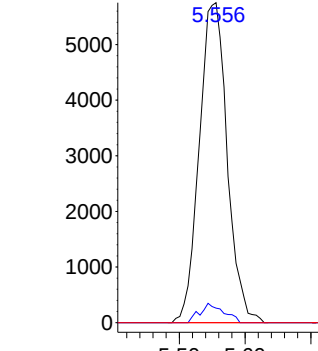
Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.2#

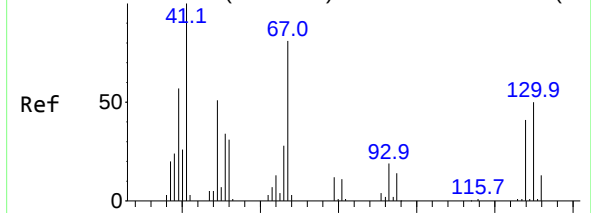
121 0.0 24.4 36.6#

Abundance



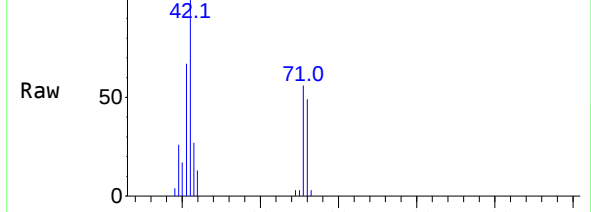
Time-->

Abundance Scan 629 (4.922 min): VX037061.D\data.ms (-61



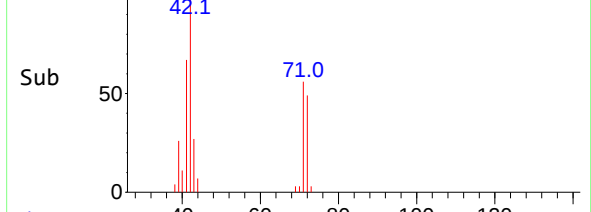
m/z-->

Abundance Scan 645 (5.019 min): VX037419.D\data.ms



m/z-->

Abundance Scan 645 (5.019 min): VX037419.D\data.ms (-58



m/z-->

#41

Methacrylonitrile

Concen: 3.679 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.098 min

Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

Tgt Ion: 41 Resp: 4984

Ion Ratio Lower Upper

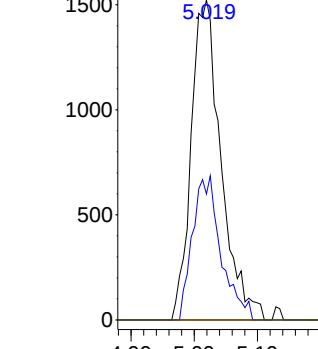
41 100

39 42.9 45.2 67.8#

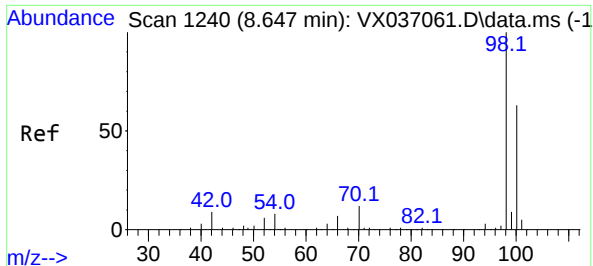
67 0.0 52.6 78.8#

52 0.0 22.7 34.1#

Abundance



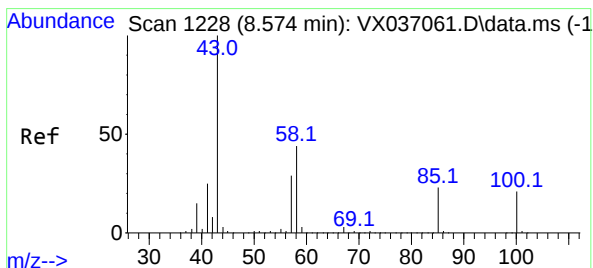
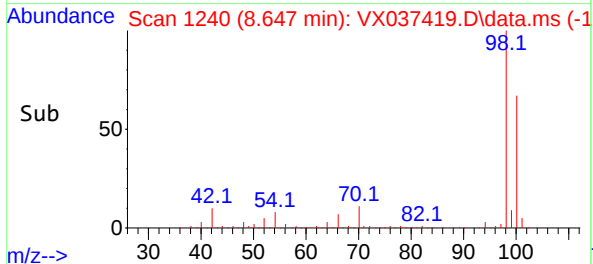
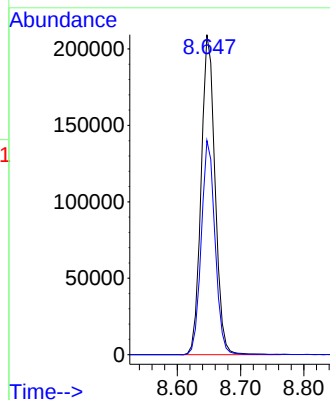
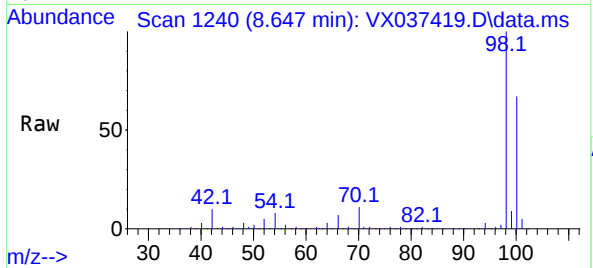
Time-->



#50
Toluene-d8
Concen: 49.195 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

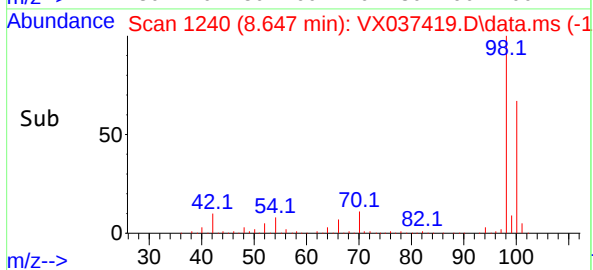
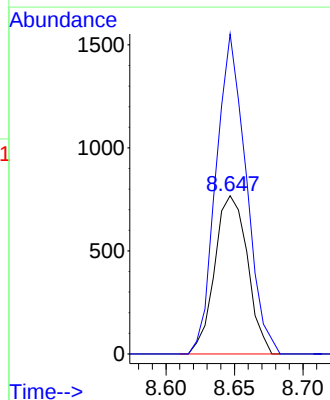
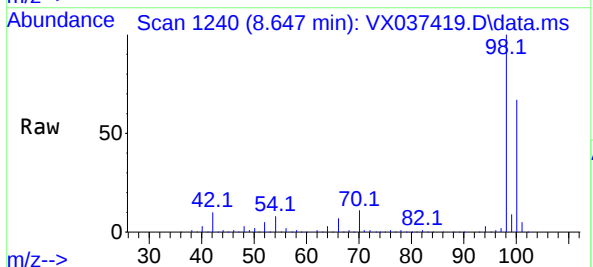
Instrument :
MSVOA_X
ClientSampleId :

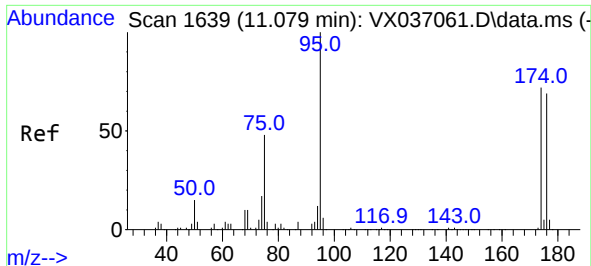
Tgt Ion: 98 Resp: 320392
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 185.6 30.4 45.6#

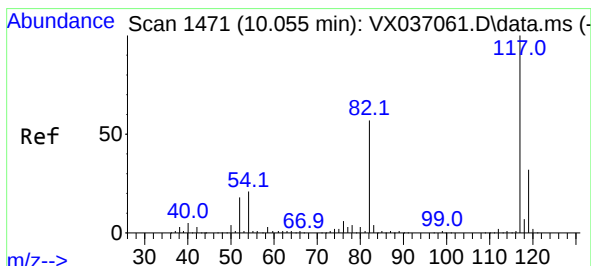
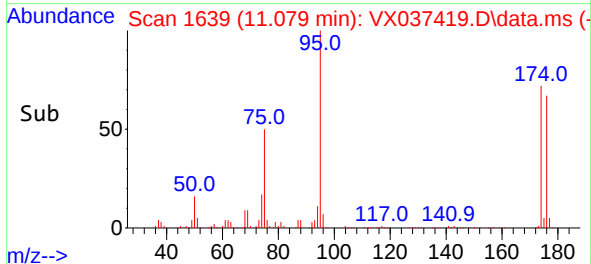
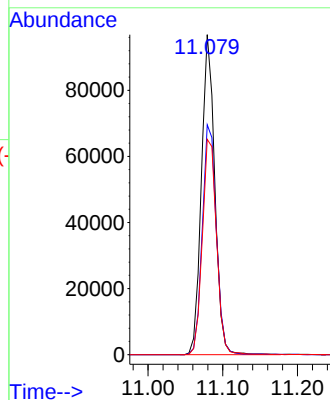
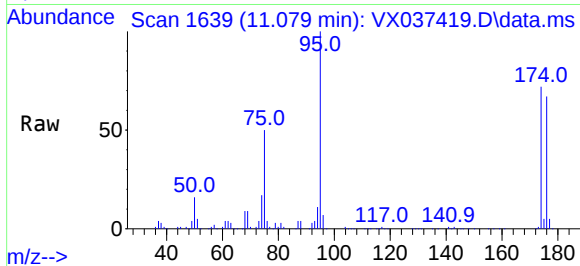




#62
4-Bromofluorobenzene
Concen: 46.927 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

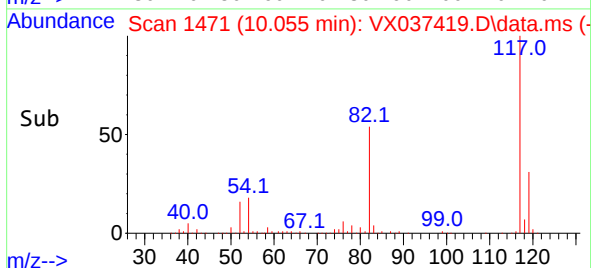
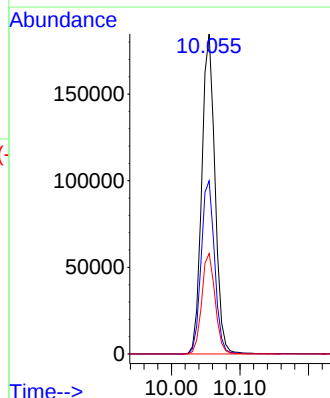
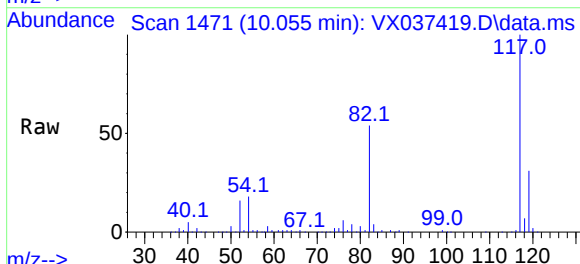
Instrument :
MSVOA_X
ClientSampleId :

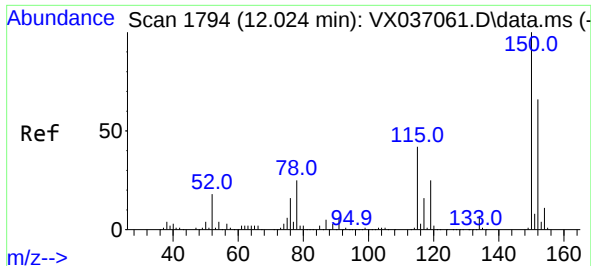
Tgt Ion: 95 Resp: 120104
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

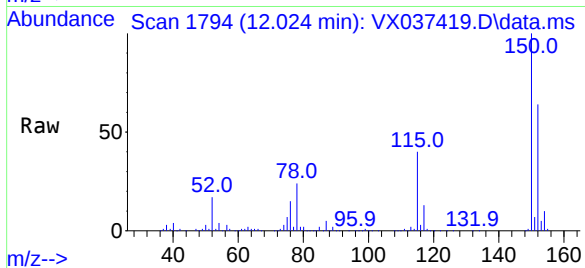
Tgt Ion: 117 Resp: 248559
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.4 25.5 38.3



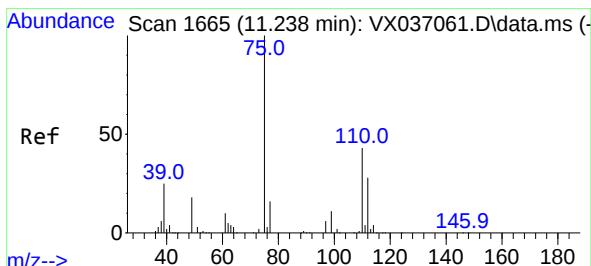
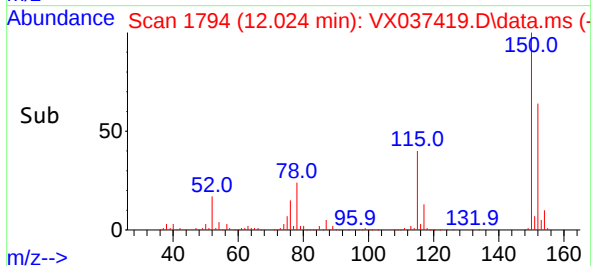
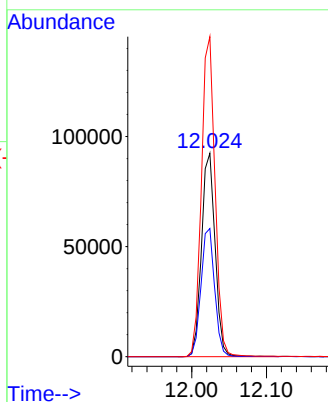


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

Instrument :
MSVOA_X
ClientSampleId :

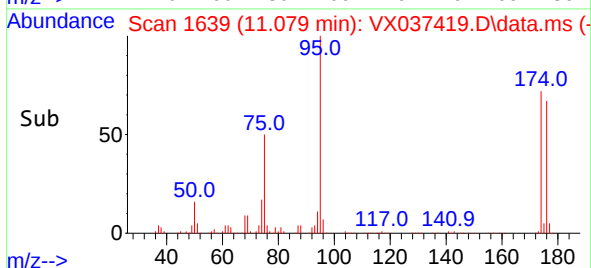
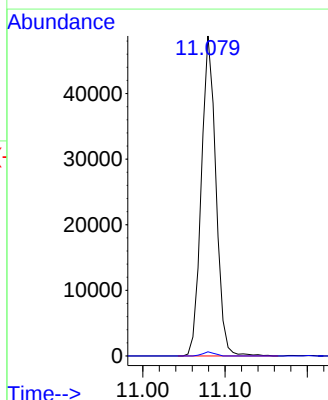
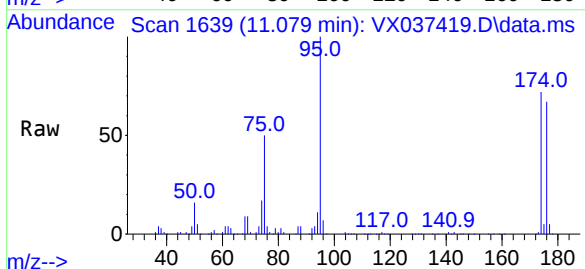


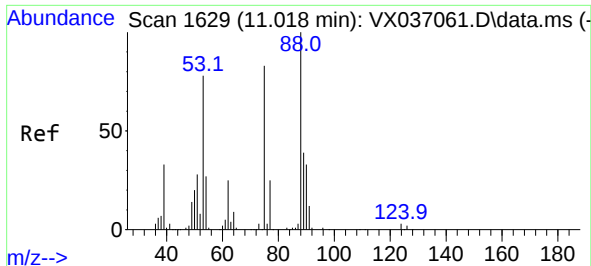
Tgt Ion:152 Resp: 116837
Ion Ratio Lower Upper
152 100
115 63.5 43.3 129.9
150 157.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

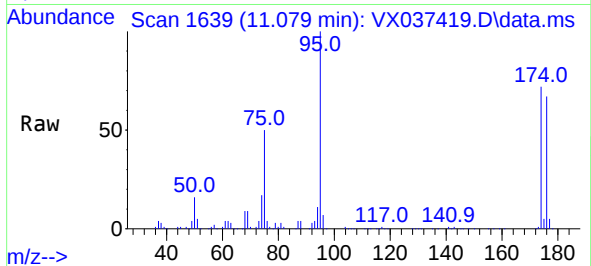
Tgt Ion: 75 Resp: 60233
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.611 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037419.D
 Acq: 31 Aug 2023 10:15

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60233
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

