

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037319.D
 Acq On : 29 Aug 2023 04:45
 Operator : JC/MD
 Sample : 04126-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 07:20:27 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)

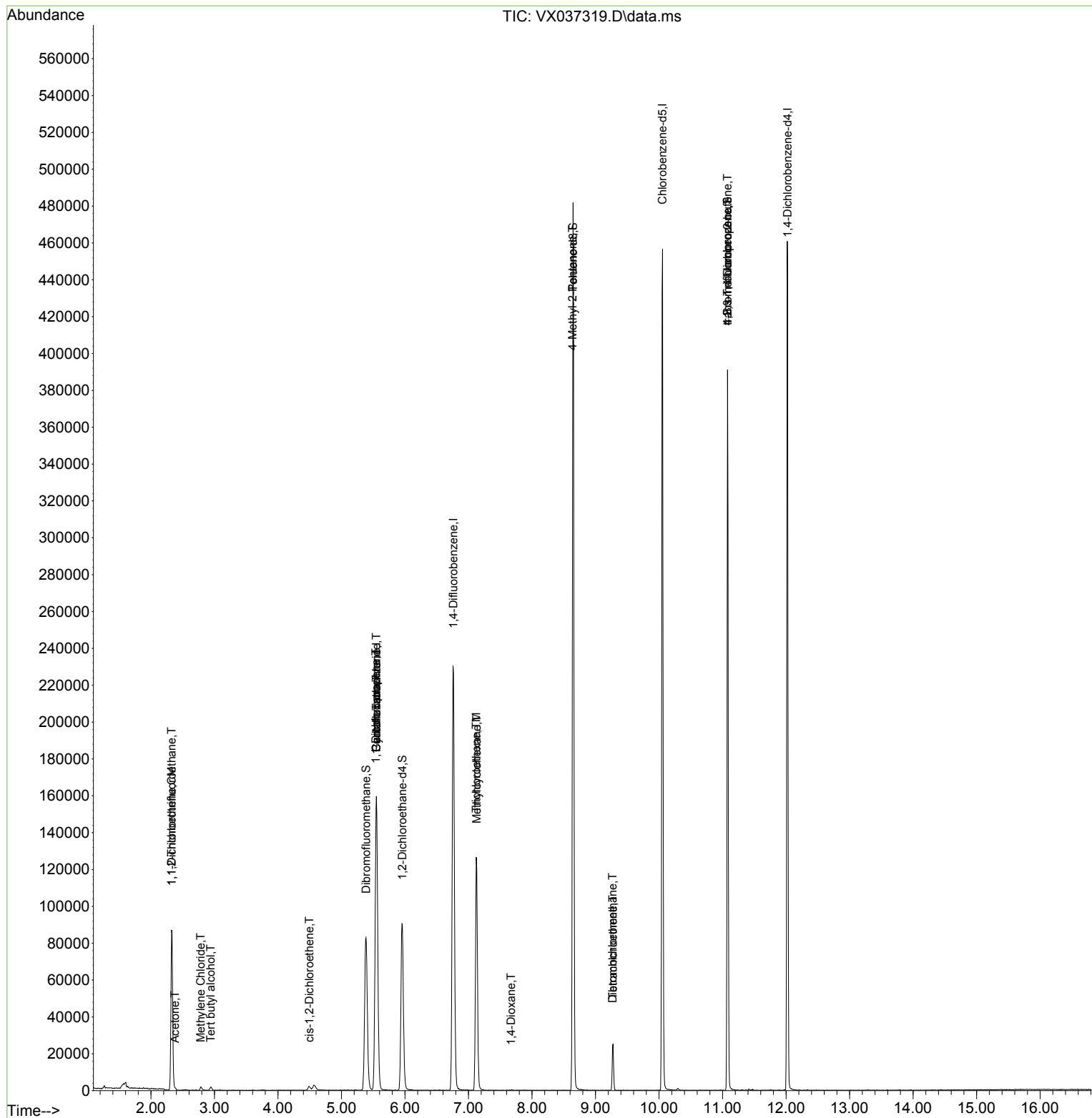
Internal Standards						
1) Pentafluorobenzene	5.550	168	150071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92745	42.867	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.740%
35) Dibromofluoromethane	5.385	113	74979	45.607	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.647	98	287961	48.287	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	105210	44.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.780%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	35434	22.336	ug/l	97
11) Tert butyl alcohol	2.941	59	1207	2.378	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	415	0.269	ug/l #	69
16) Acetone	2.380	43	629	0.743	ug/l #	86
20) Methylene Chloride	2.782	84	1121	0.592	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	1539	0.743	ug/l	81
31) Cyclohexane	5.550	56	2769	1.138	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11780	5.043	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16180	6.377	ug/l #	14
39) Methylcyclohexane	7.129	83	607	0.247	ug/l #	1
44) Trichloroethene	7.123	130	50605	26.641	ug/l	96
49) 1,4-Dioxane	7.671	88	320	6.432	ug/l #	49
51) 4-Methyl-2-Pentanone	8.641	43	1025	0.446	ug/l #	1
60) Dibromochloromethane	9.269	129	4792	2.497	ug/l #	11
64) Tetrachloroethene	9.275	164	4874	3.069	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	52668	25.078	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52668	70.045	ug/l #	5

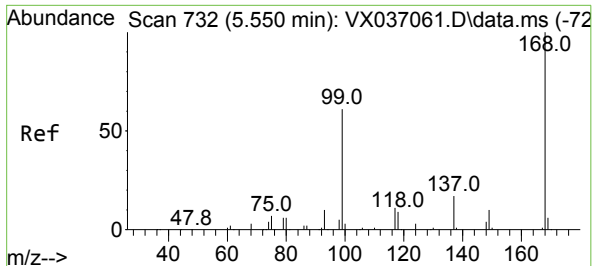
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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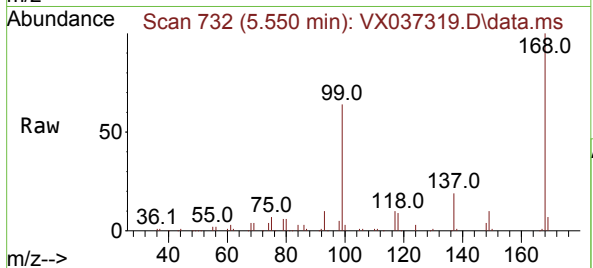
Quant Time: Aug 29 07:20:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



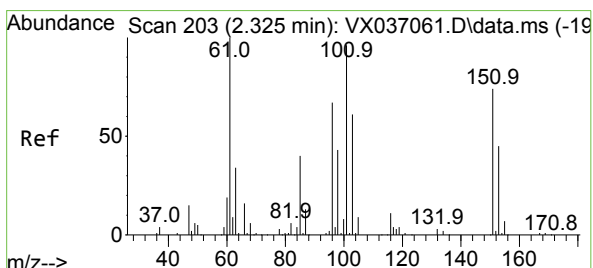
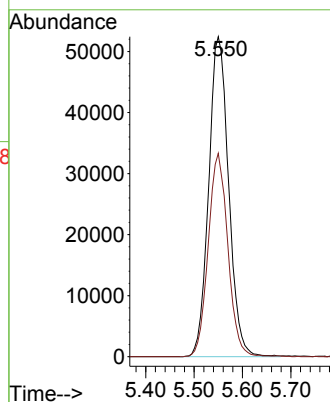
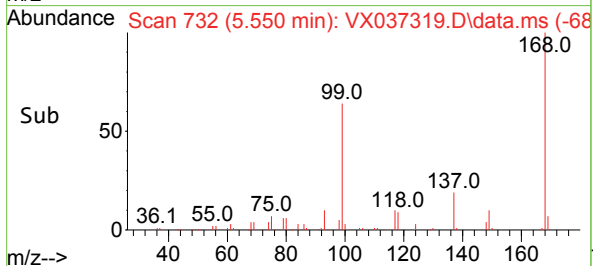


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

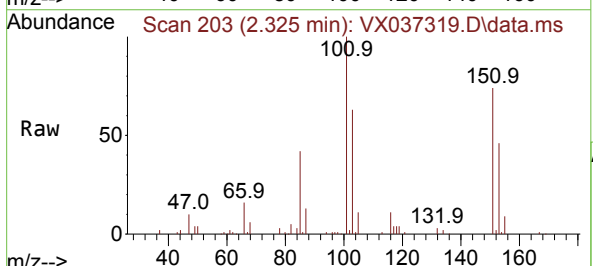
Instrument :
MSVOA_X
ClientSampleId :



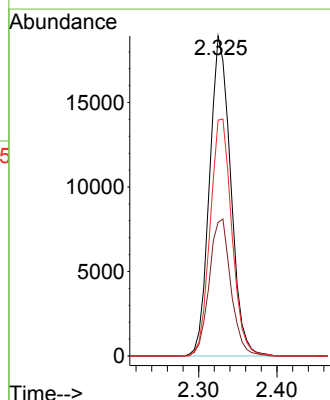
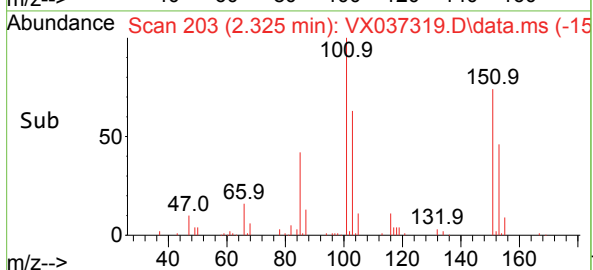
Tgt Ion:168 Resp: 150071
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0

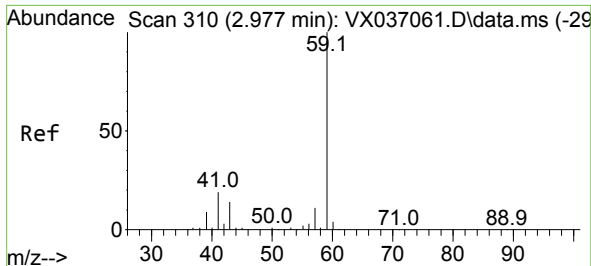


#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.336 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45



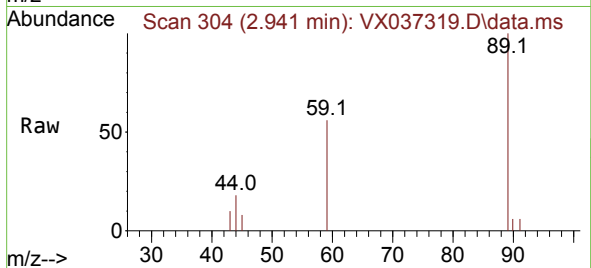
Tgt Ion:101 Resp: 35434
Ion Ratio Lower Upper
101 100
85 43.9 37.0 55.6
151 76.0 58.6 87.8



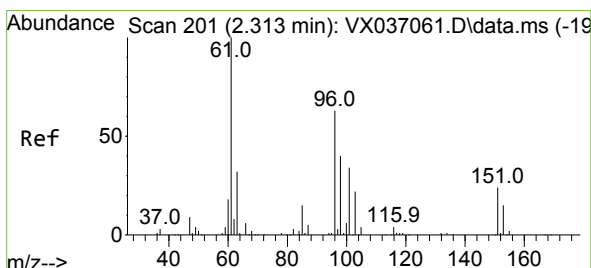
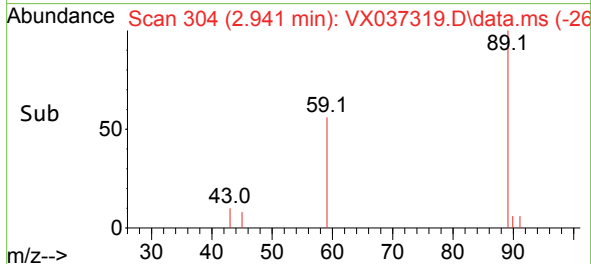
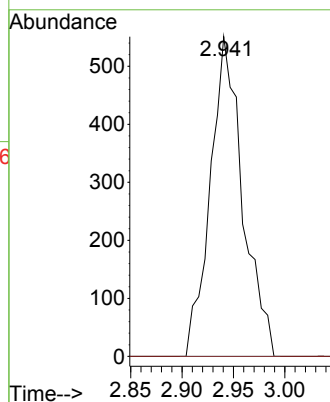


#11
Tert butyl alcohol
Concen: 2.378 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Instrument :
MSVOA_X
ClientSampleId :

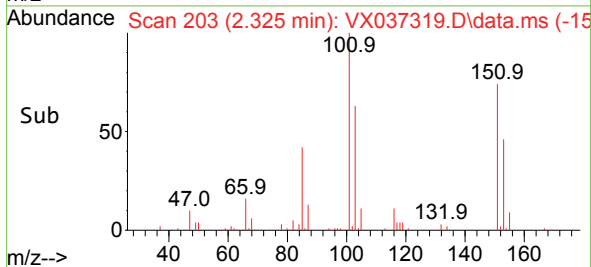
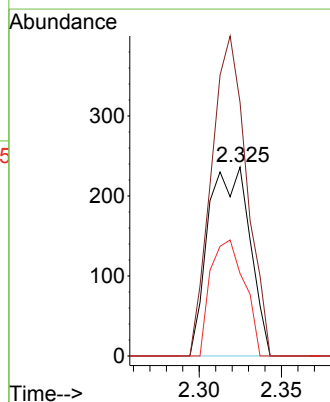
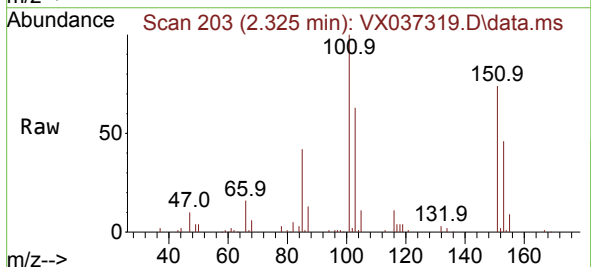


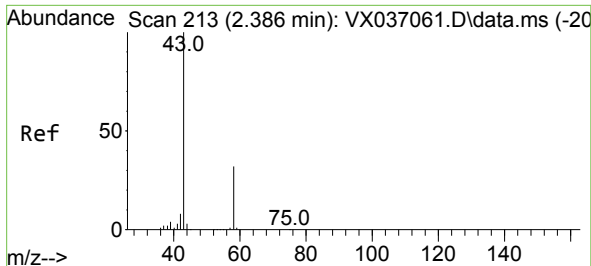
Tgt Ion: 59 Resp: 1207
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.269 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.012 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Tgt Ion: 96 Resp: 415
Ion Ratio Lower Upper
96 100
61 134.3 144.6 216.8#
98 43.6 50.4 75.6#

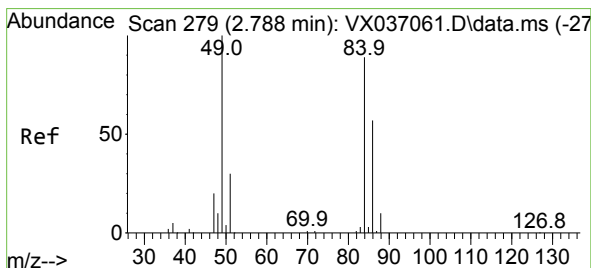
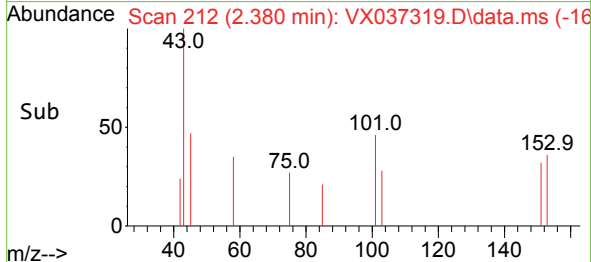
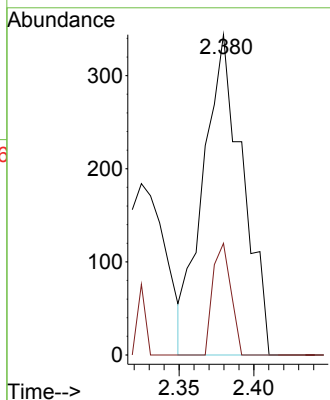
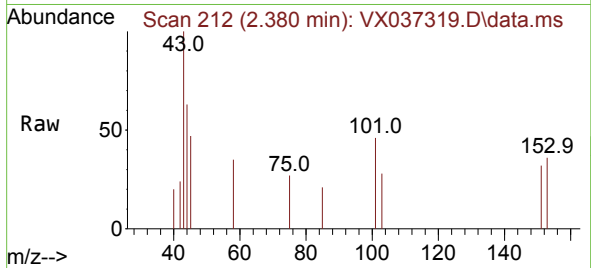




#16
Acetone
Concen: 0.743 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

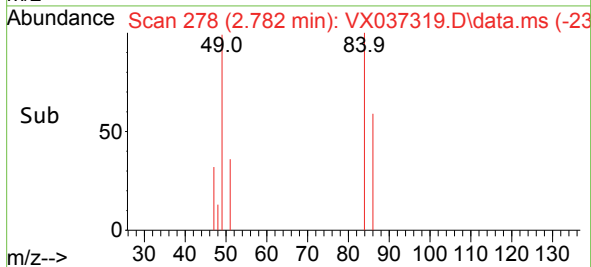
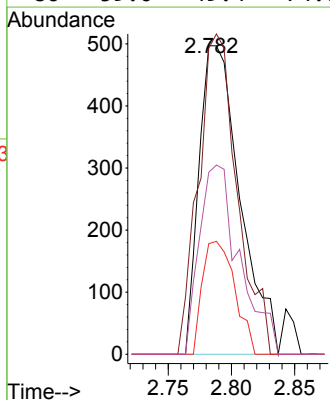
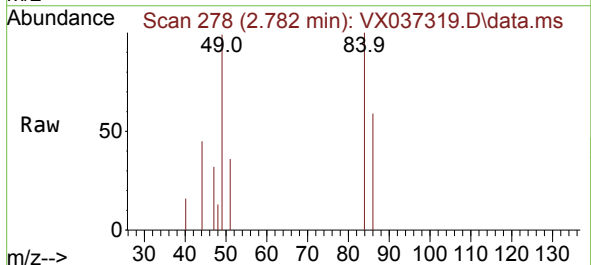
Instrument :
MSVOA_X
ClientSampleId :

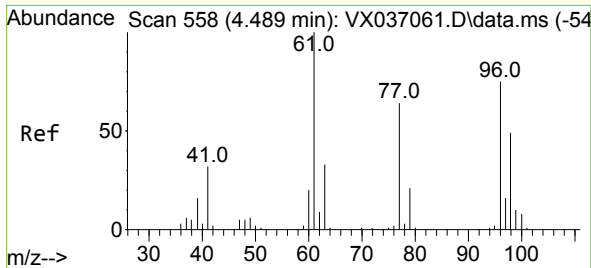
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.592 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Tgt Ion: 84 Resp: 1121
Ion Ratio Lower Upper
84 100
49 99.2 103.6 155.4#
51 35.8 33.8 50.6
86 59.0 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 0.743 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

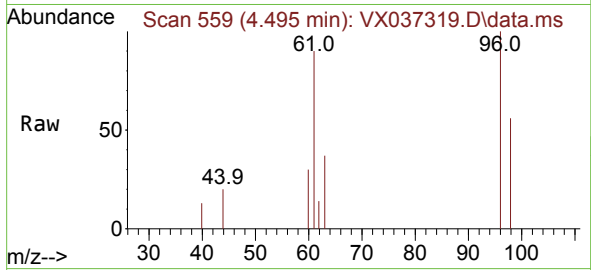
Lab File: VX037319.D

Acq: 29 Aug 2023 04:45

Instrument :

MSVOA_X

ClientSampleId :



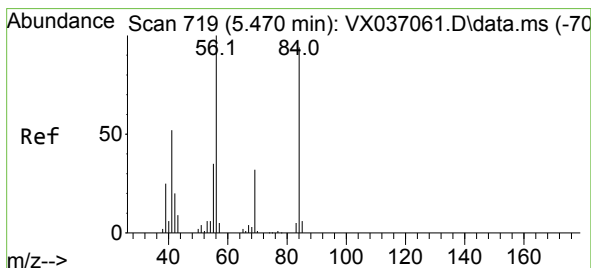
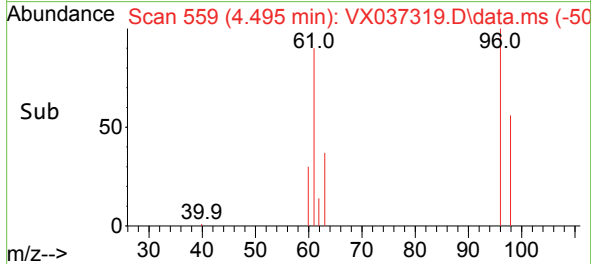
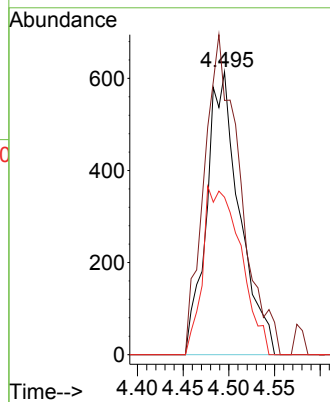
Tgt Ion: 96 Resp: 1539

Ion Ratio Lower Upper

96 100

61 124.0 0.0 312.2

98 68.4 0.0 129.0



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037319.D

Acq: 29 Aug 2023 04:45

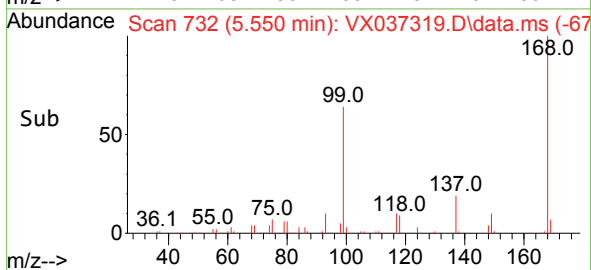
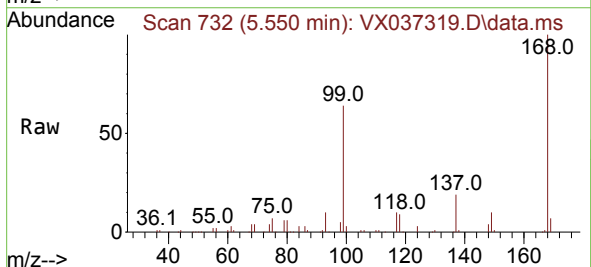
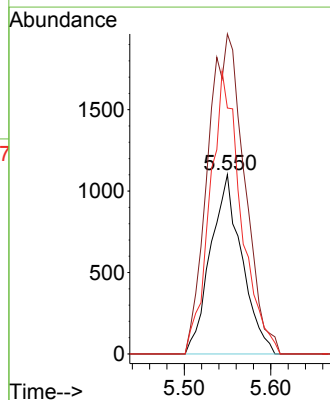
Tgt Ion: 56 Resp: 2769

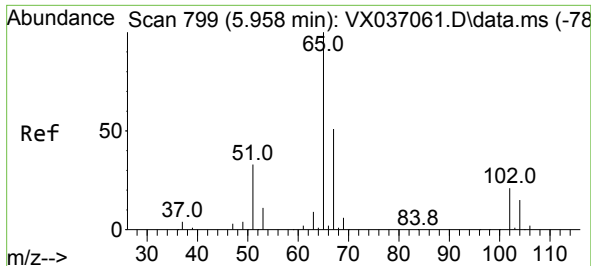
Ion Ratio Lower Upper

56 100

69 178.5 23.4 35.2#

84 137.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.867 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037319.D

Acq: 29 Aug 2023 04:45

Instrument :

MSVOA_X

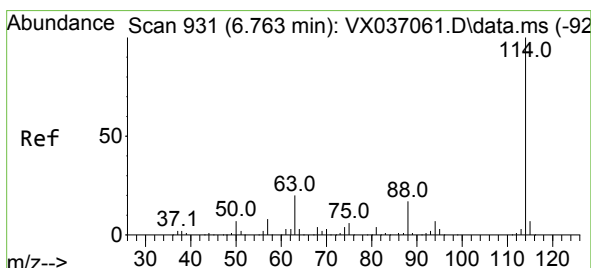
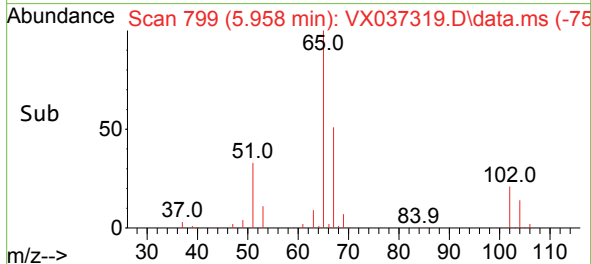
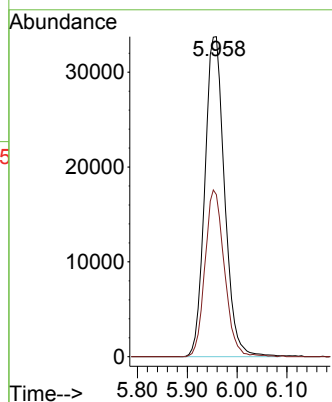
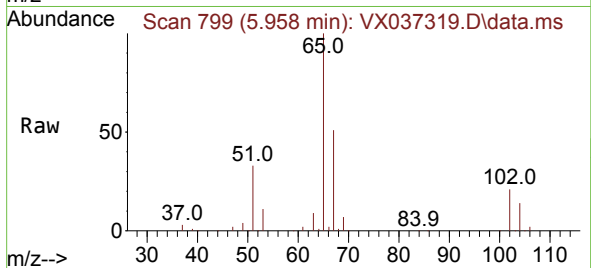
ClientSampleId :

Tgt Ion: 65 Resp: 92745

Ion Ratio Lower Upper

65 100

67 51.3 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: VX037319.D

Acq: 29 Aug 2023 04:45

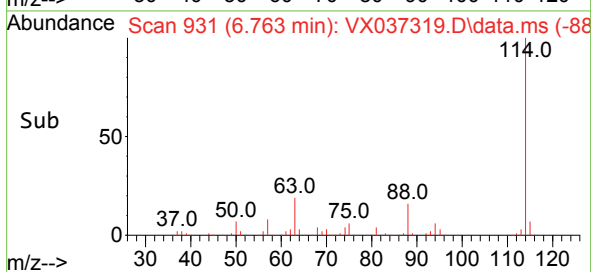
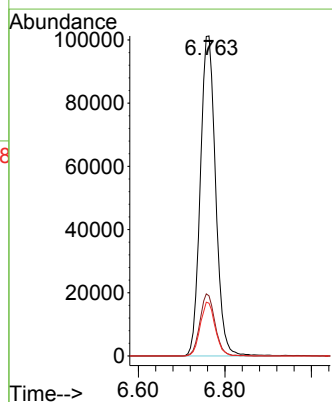
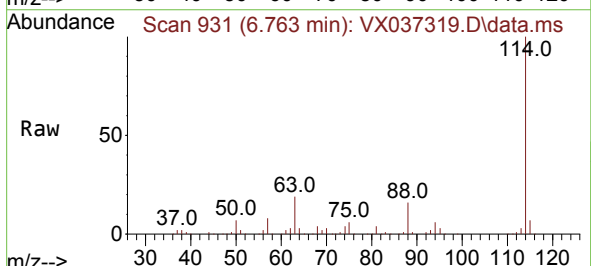
Tgt Ion: 114 Resp: 248240

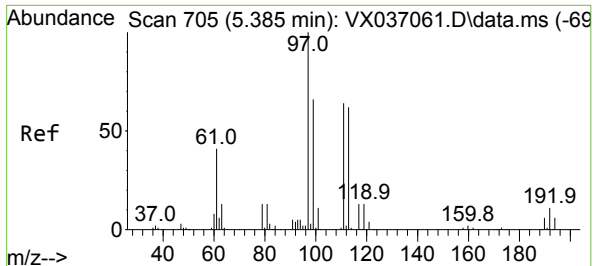
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

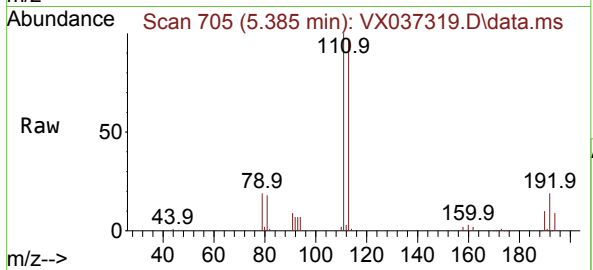
88 16.5 0.0 36.6



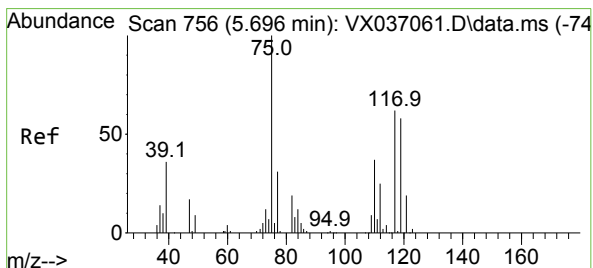
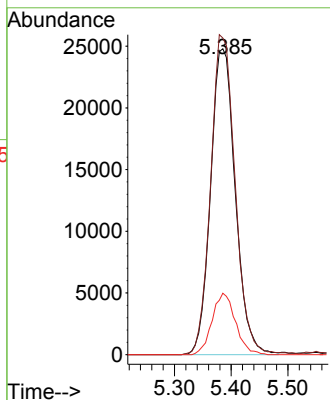
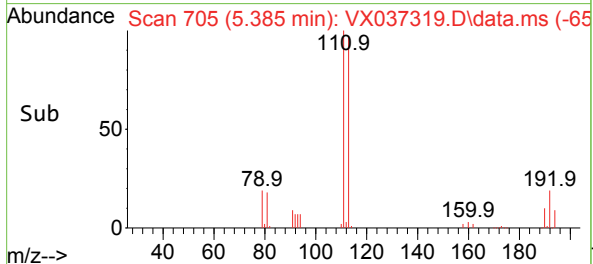


#35
Dibromofluoromethane
Concen: 45.607 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Instrument :
MSVOA_X
ClientSampleId :

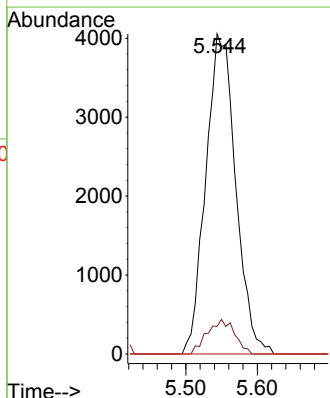
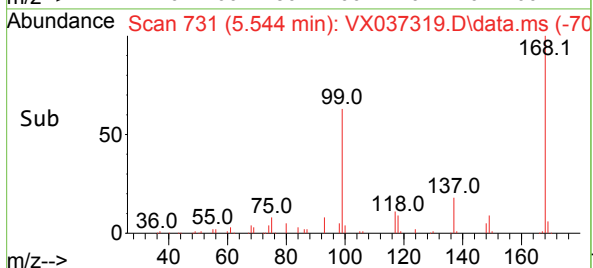
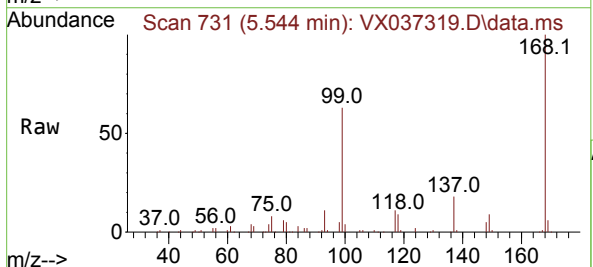


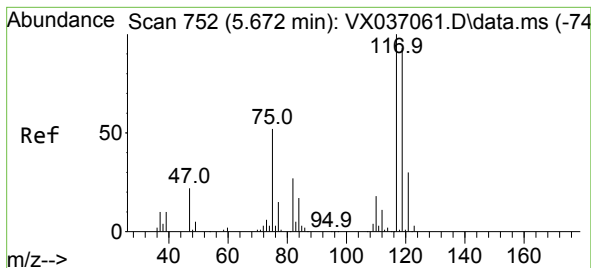
Tgt Ion:113 Resp: 74979
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Tgt Ion: 75 Resp: 11780
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.377 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

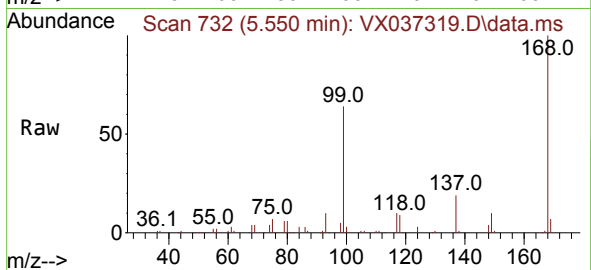
Lab File: VX037319.D

Acq: 29 Aug 2023 04:45

Instrument :

MSVOA_X

ClientSampleId :



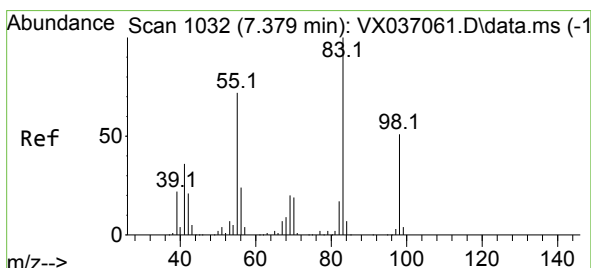
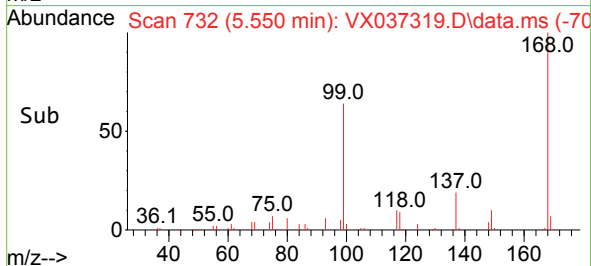
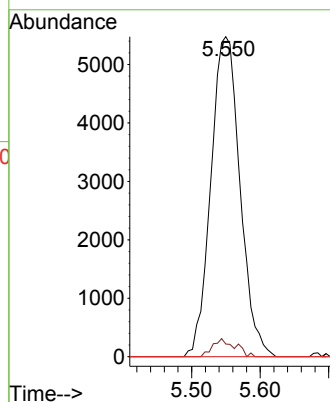
Tgt Ion:117 Resp: 16180

Ion Ratio Lower Upper

117 100

119 3.9 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.247 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX037319.D

Acq: 29 Aug 2023 04:45

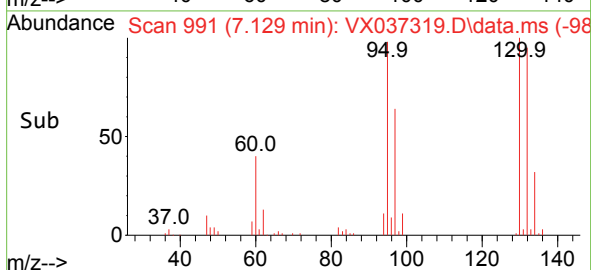
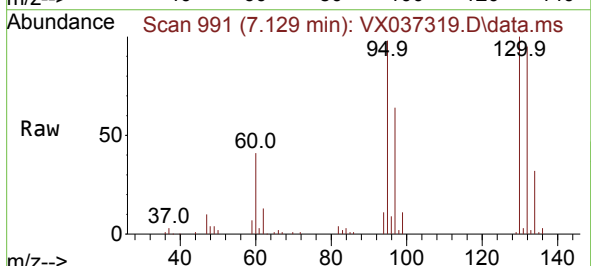
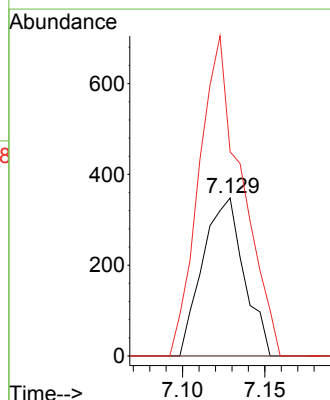
Tgt Ion: 83 Resp: 607

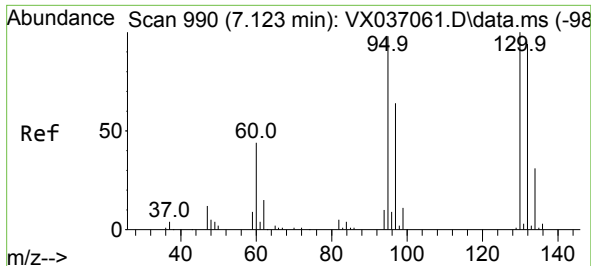
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 129.3 36.7 55.1#

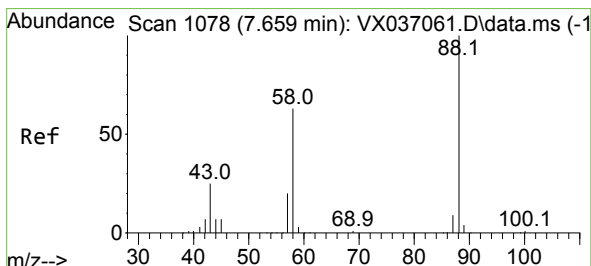
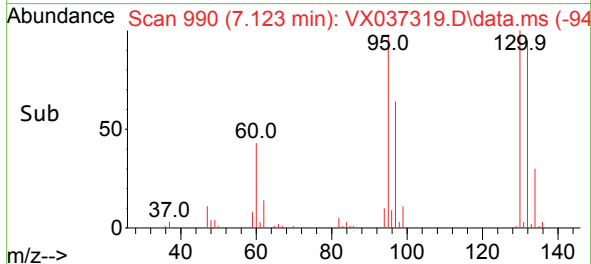
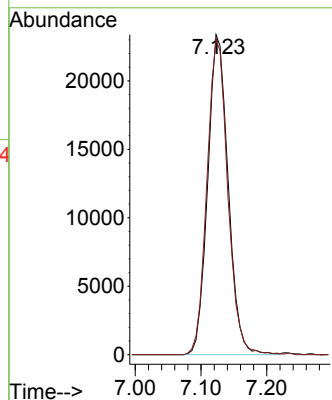
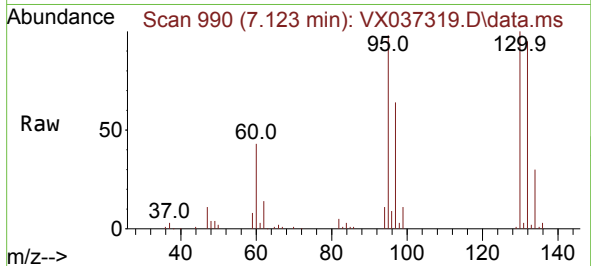




#44
Trichloroethene
Concen: 26.641 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

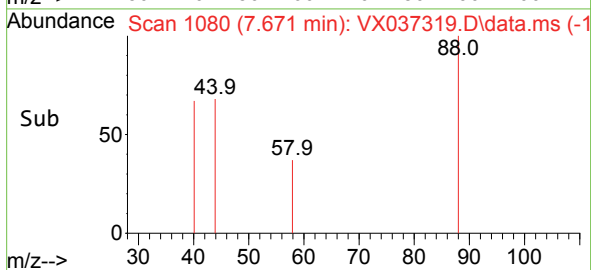
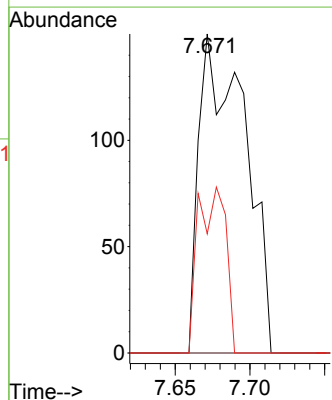
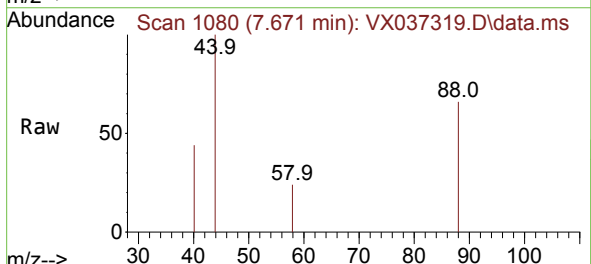
Instrument :
MSVOA_X
ClientSampleId :

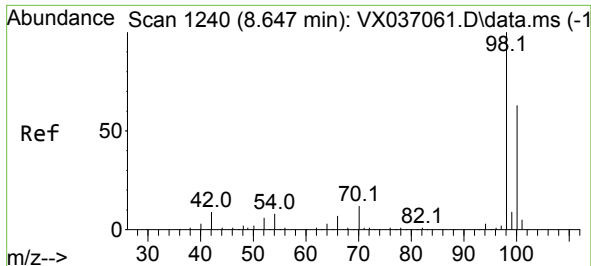
Tgt Ion:130 Resp: 50605
Ion Ratio Lower Upper
130 100
95 98.4 0.0 204.4



#49
1,4-Dioxane
Concen: 6.432 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Tgt Ion: 88 Resp: 320
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 31.3 60.1 90.1#

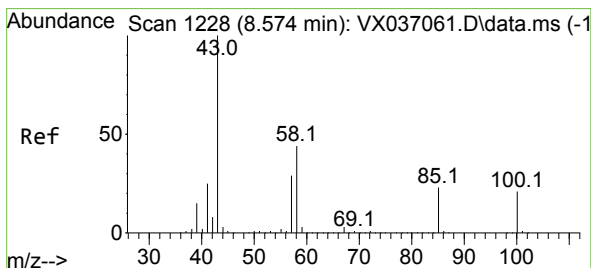
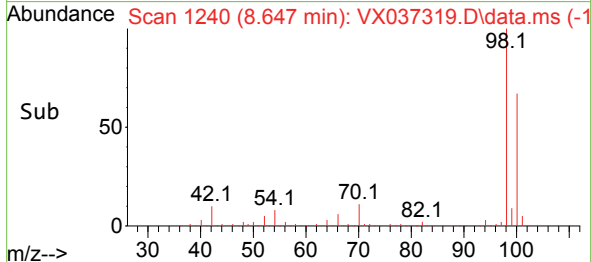
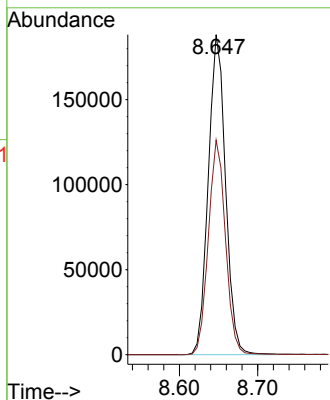
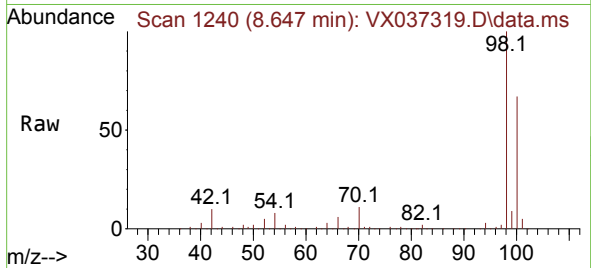




#50
Toluene-d8
Concen: 48.287 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

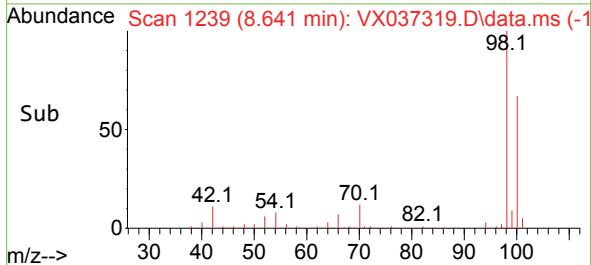
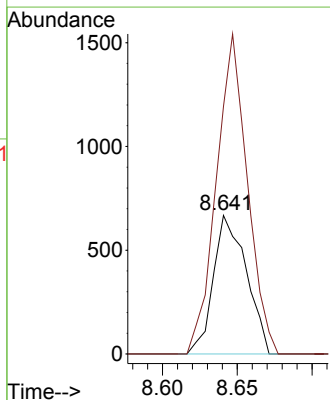
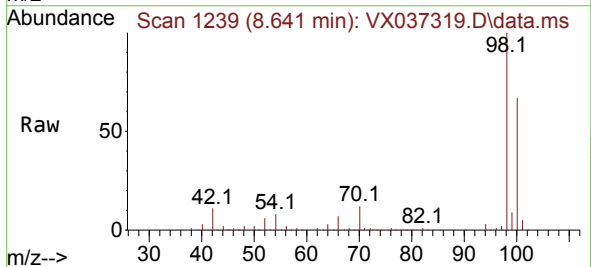
Instrument :
MSVOA_X
ClientSampleId :

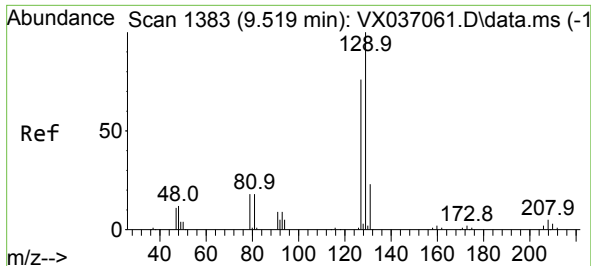
Tgt Ion: 98 Resp: 287961
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 217.6 30.4 45.6#

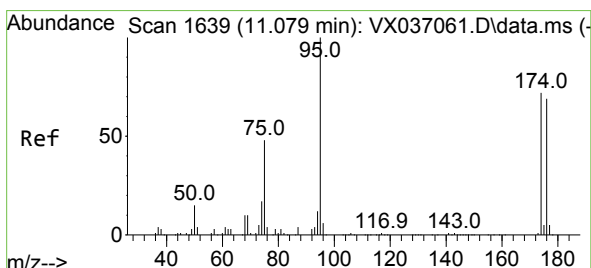
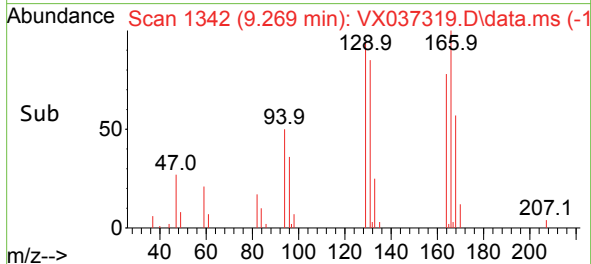
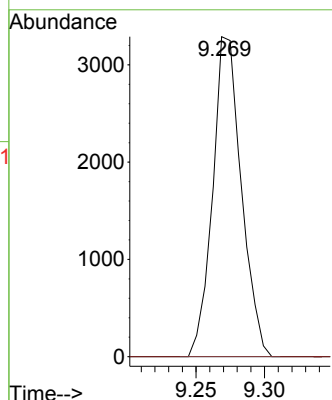
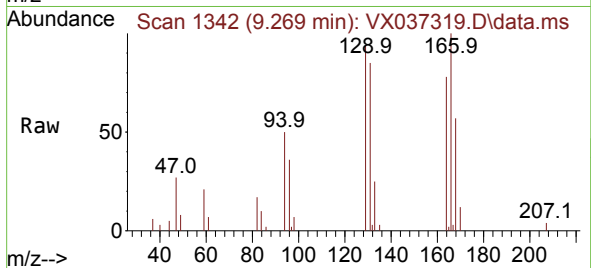




#60
 Dibromochloromethane
 Concen: 2.497 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.250 min
 Lab File: VX037319.D
 Acq: 29 Aug 2023 04:45

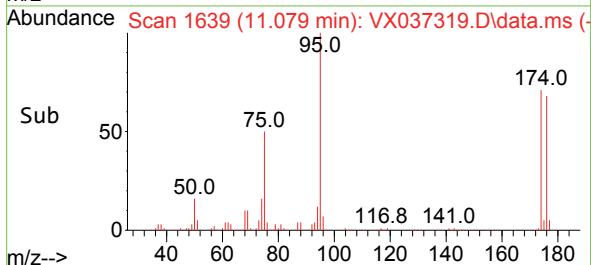
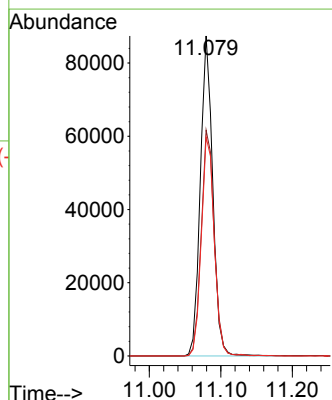
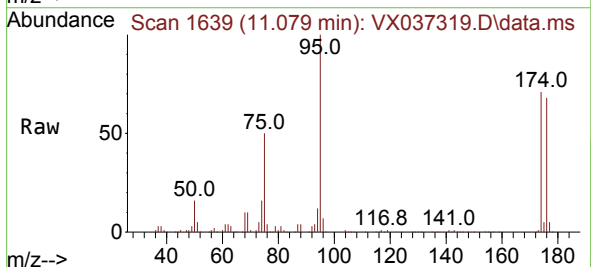
Instrument :
 MSVOA_X
 ClientSampleId :

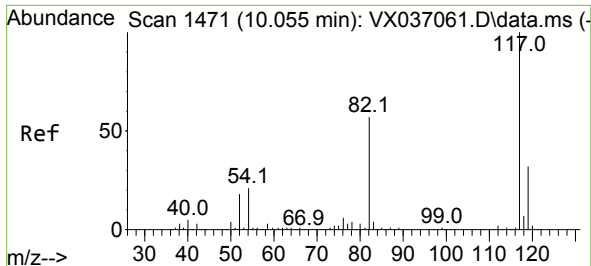
Tgt Ion:129 Resp: 4792
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.8 116.4#



#62
 4-Bromofluorobenzene
 Concen: 44.893 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX037319.D
 Acq: 29 Aug 2023 04:45

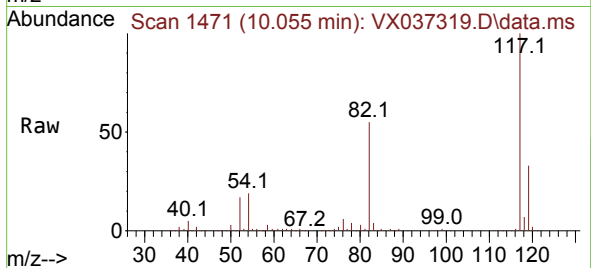
Tgt Ion: 95 Resp: 105210
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 135.6
 176 71.6 0.0 131.0



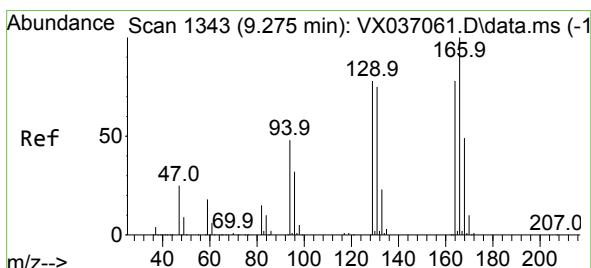
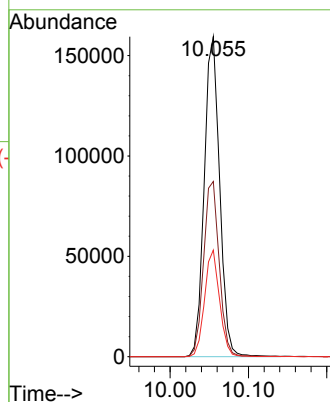
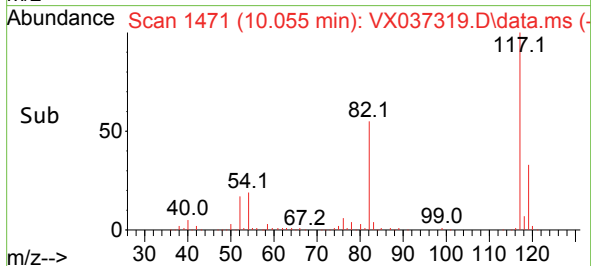


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45

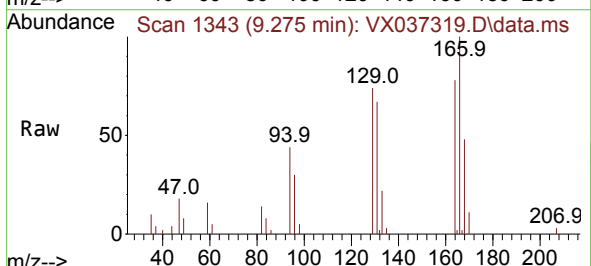
Instrument :
MSVOA_X
ClientSampleId :



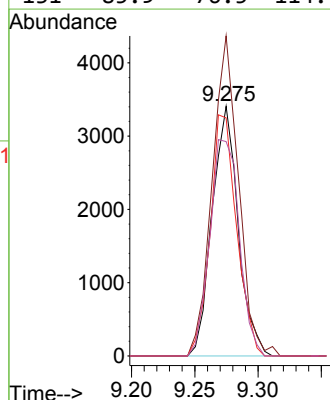
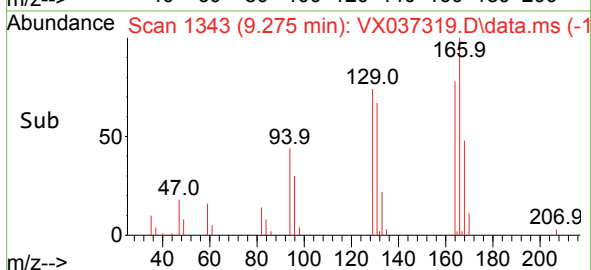
Tgt Ion:117 Resp: 217706
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 33.3 25.5 38.3

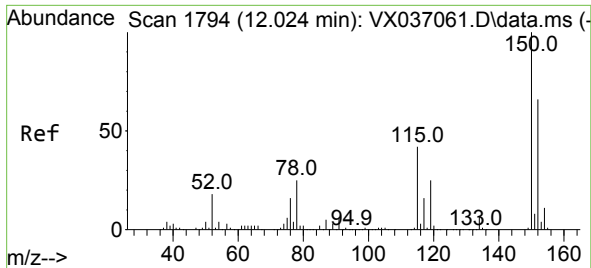


#64
Tetrachloroethene
Concen: 3.069 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX037319.D
Acq: 29 Aug 2023 04:45



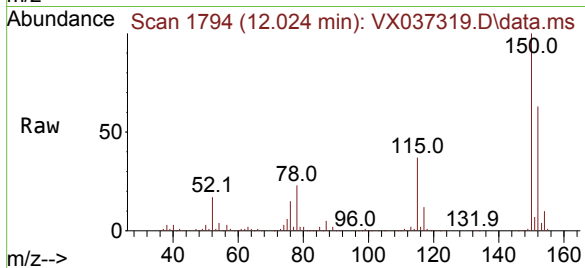
Tgt Ion:164 Resp: 4874
Ion Ratio Lower Upper
164 100
166 128.2 102.7 154.1
129 95.4 80.4 120.6
131 85.9 76.5 114.7



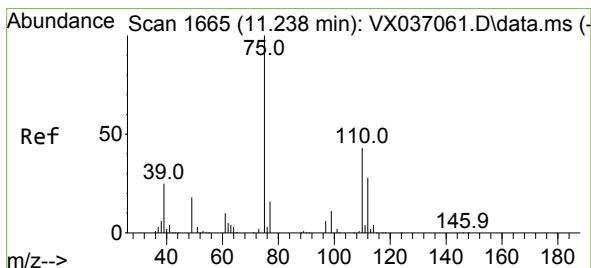
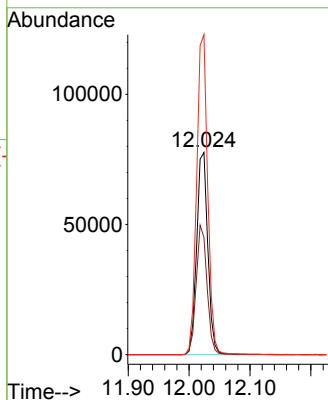
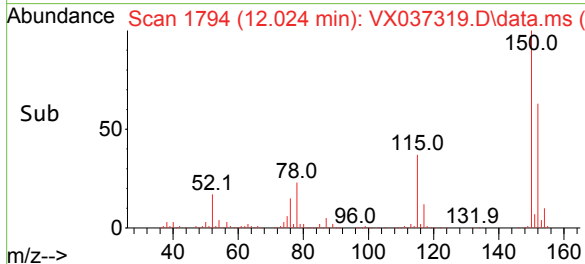


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037319.D
 Acq: 29 Aug 2023 04:45

Instrument :
 MSVOA_X
 ClientSampleId :

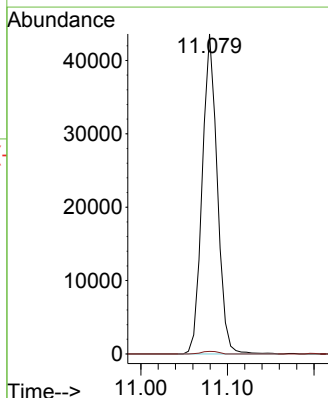
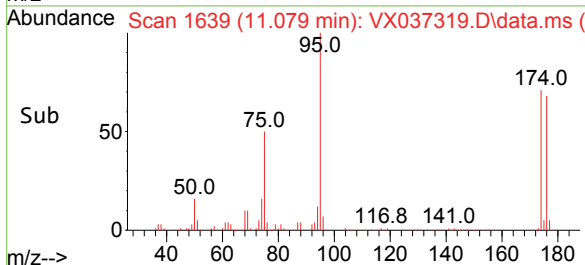
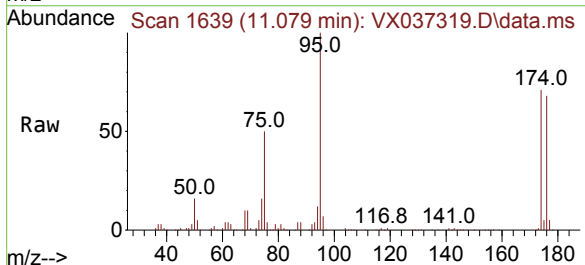


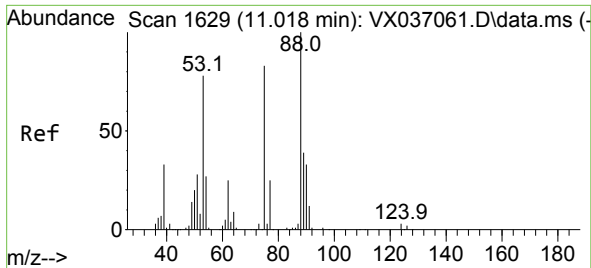
Tgt Ion:152 Resp: 98613
 Ion Ratio Lower Upper
 152 100
 115 62.2 43.3 129.9
 150 157.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.078 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037319.D
 Acq: 29 Aug 2023 04:45

Tgt Ion: 75 Resp: 52668
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.045 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037319.D
 Acq: 29 Aug 2023 04:45

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 52668
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

