

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028809.D
 Acq On : 18 May 2022 16:29
 Operator : JC/MD
 Sample : N2858-01ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38

Quant Time: May 19 01:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	279651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	476545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174440	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	177380	46.273	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.540%
35) Dibromofluoromethane	5.391	113	138561	44.379	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	88.760%
50) Toluene-d8	8.647	98	547894	46.544	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.080%
62) 4-Bromofluorobenzene	11.085	95	213788	48.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.240%

Target Compounds

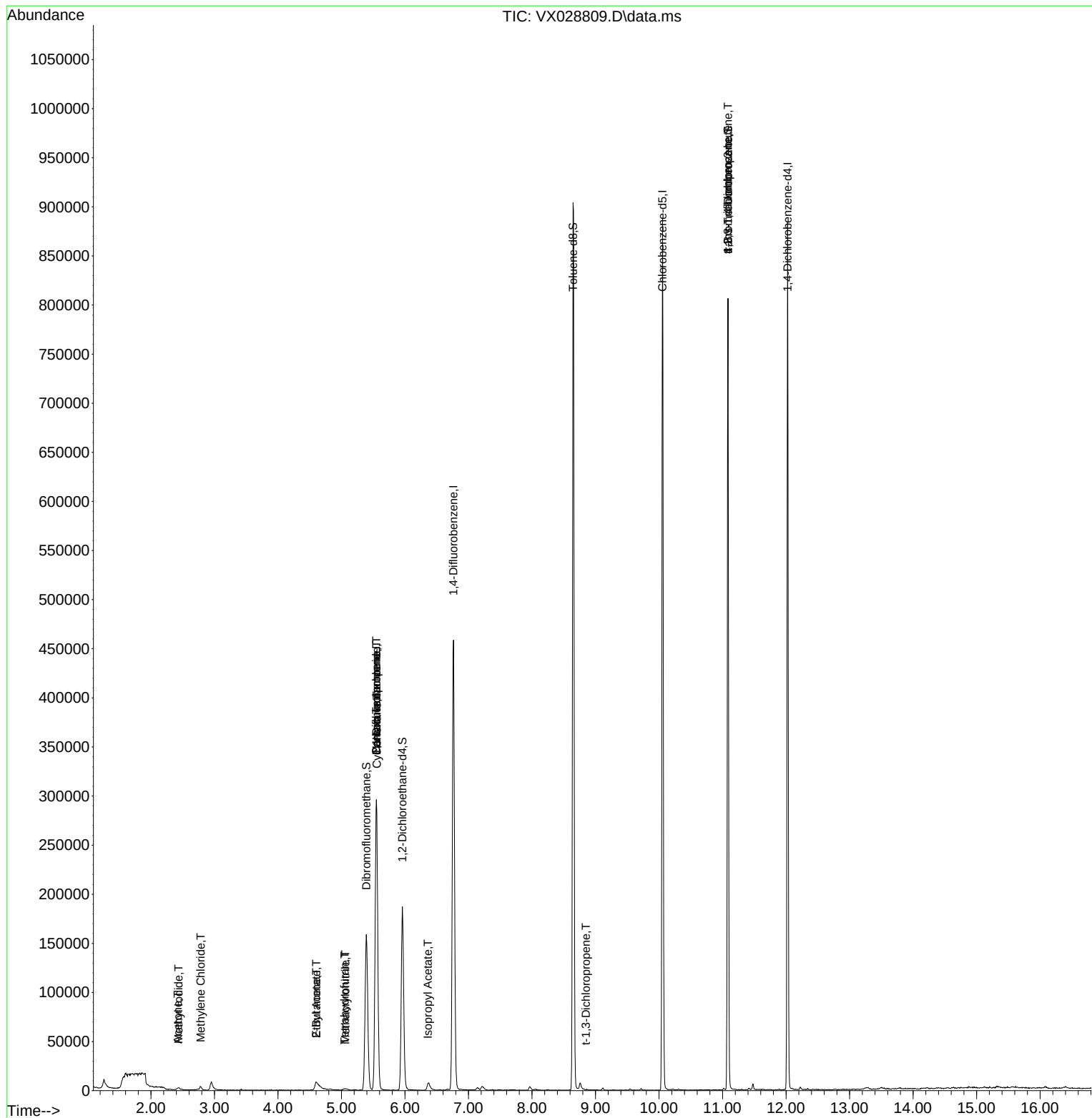
					Qvalue	
5) Bromomethane	1.599	94	1433	Below Cal		91
6) Chloroethane	1.672	64	125	Below Cal	#	39
10) Methyl Iodide	2.434	142	1204	0.323	ug/l #	96
11) Tert butyl alcohol	2.953	59	6256	Below Cal	#	72
16) Acetone	2.422	43	3214	1.954	ug/l #	70
20) Methylene Chloride	2.782	84	1635	0.474	ug/l	96
25) 2-Butanone	4.605	43	24934	9.655	ug/l	95
29) Tetrahydrofuran	5.050	42	1654	0.985	ug/l #	39
31) Cyclohexane	5.556	56	6244	1.173	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	23229	4.953	ug/l #	49
37) Ethyl Acetate	4.605	43	24934	5.090	ug/l #	66
38) Carbon Tetrachloride	5.550	117	29846	6.324	ug/l #	15
41) Methacrylonitrile	5.062	41	1146	0.436	ug/l #	21
43) Isopropyl Acetate	6.361	43	4224	0.551	ug/l #	56
53) t-1,3-Dichloropropene	8.848	75	19	1.644	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	115052	28.163	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	115052	81.384	ug/l #	15

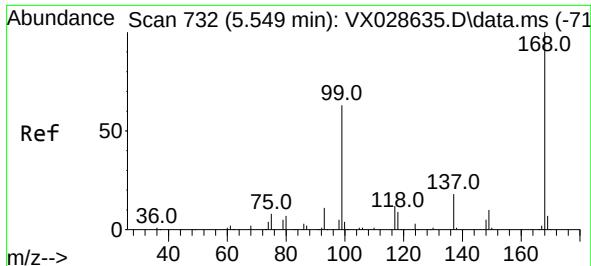
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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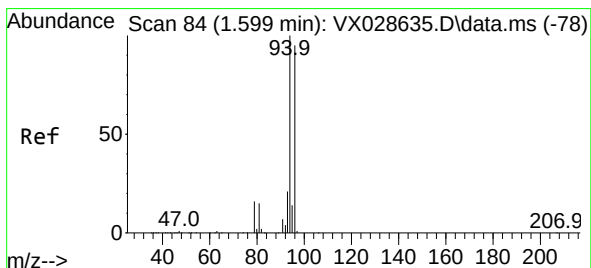
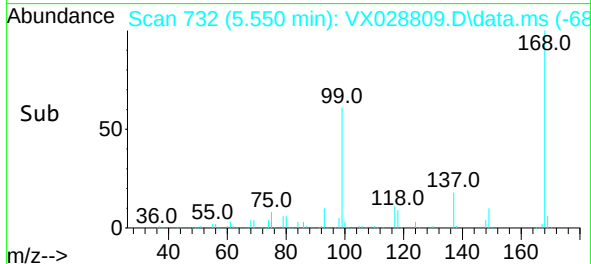
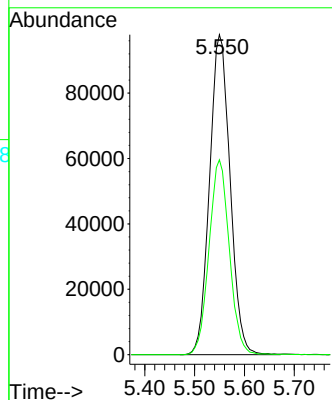
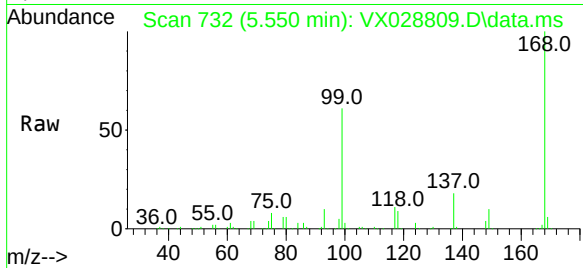




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

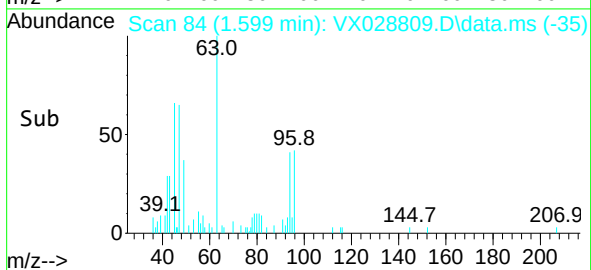
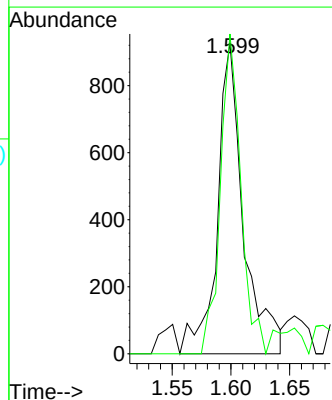
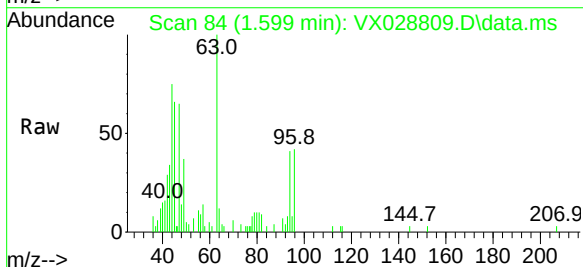
Instrument :
MSVOA_X
ClientSampleId :
TP-38

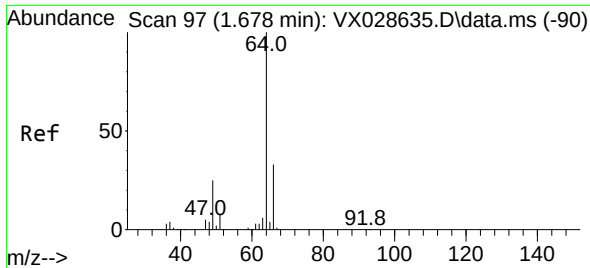
Tgt Ion:168 Resp: 279651
Ion Ratio Lower Upper
168 100
99 60.9 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

Tgt Ion: 94 Resp: 1433
Ion Ratio Lower Upper
94 100
96 102.9 75.3 112.9

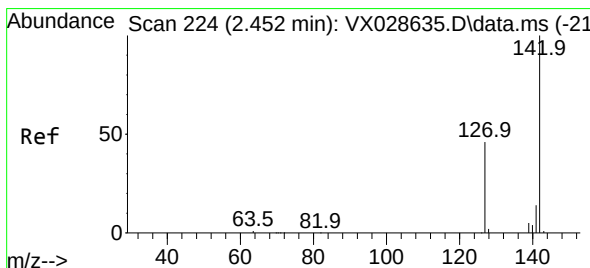
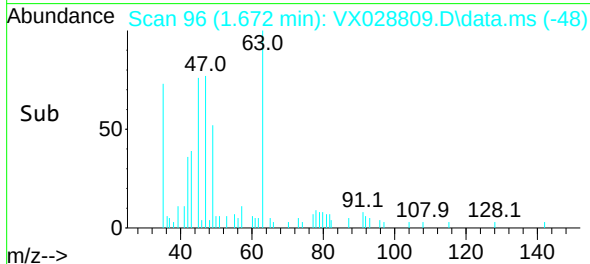
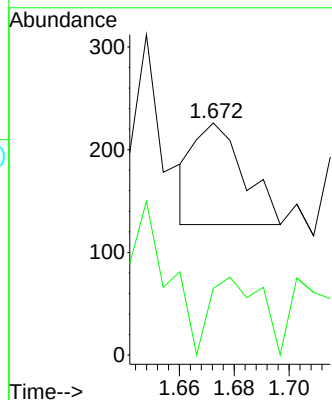
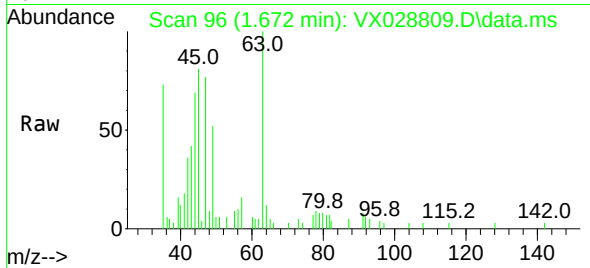




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

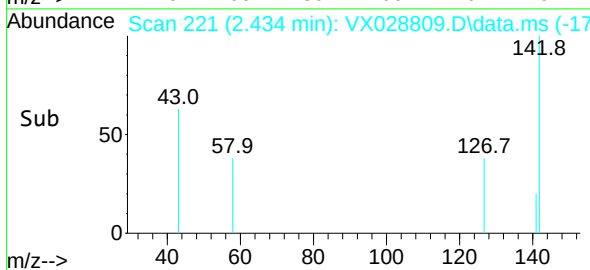
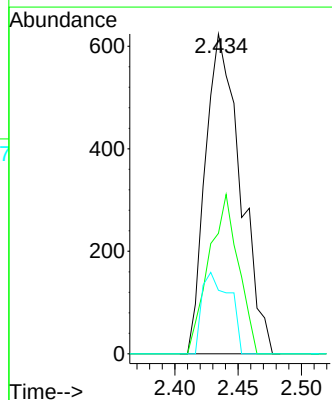
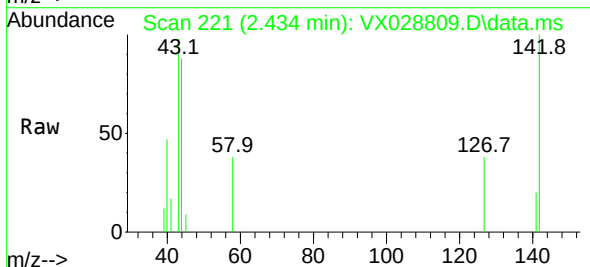
Instrument :
MSVOA_X
ClientSampleId :
TP-38

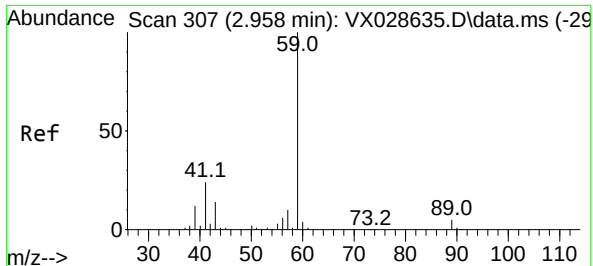
Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 65.7 25.3 37.9#



#10
Methyl Iodide
Concen: 0.323 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.018 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

Tgt Ion: 142 Resp: 1204
Ion Ratio Lower Upper
142 100
127 41.9 33.9 50.9
141 19.9 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

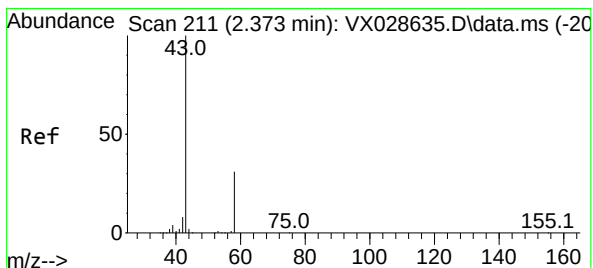
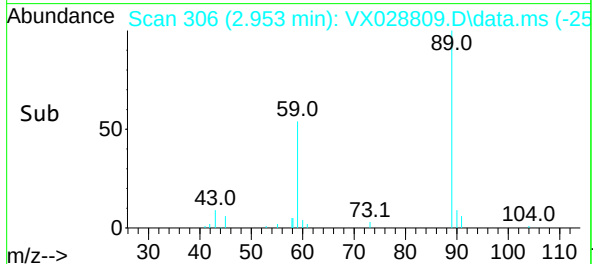
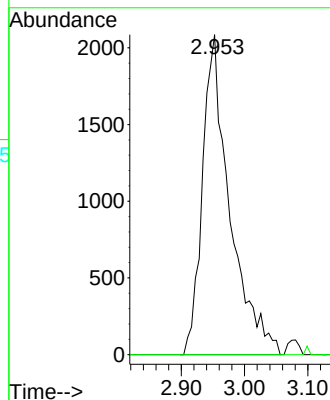
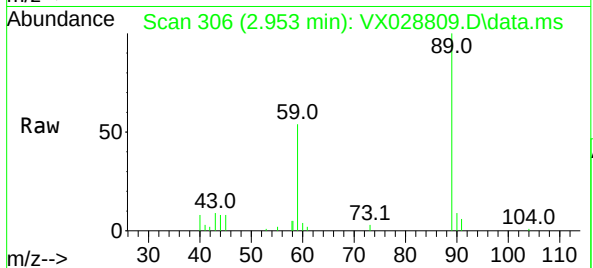
TP-38

Tgt Ion: 59 Resp: 6256

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.954 ug/l

RT: 2.422 min Scan# 219

Delta R.T. 0.049 min

Lab File: VX028809.D

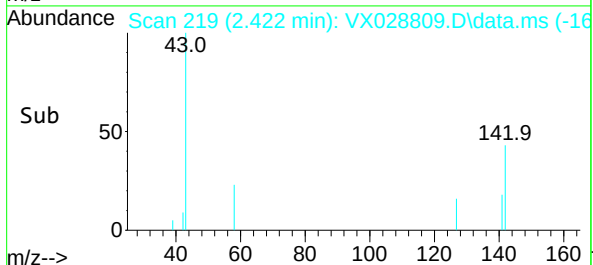
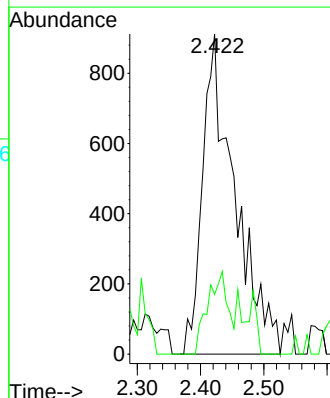
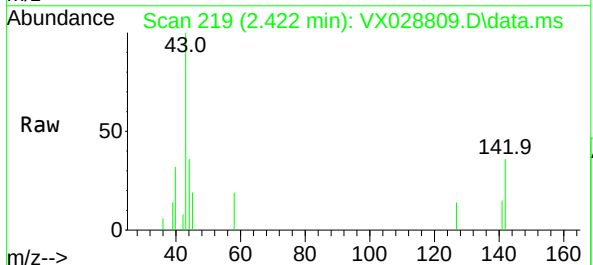
Acq: 18 May 2022 16:29

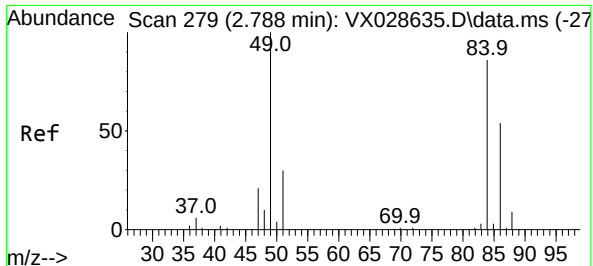
Tgt Ion: 43 Resp: 3214

Ion Ratio Lower Upper

43 100

58 18.6 28.8 43.2#





#20

Methylene Chloride

Concen: 0.474 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX028809.D

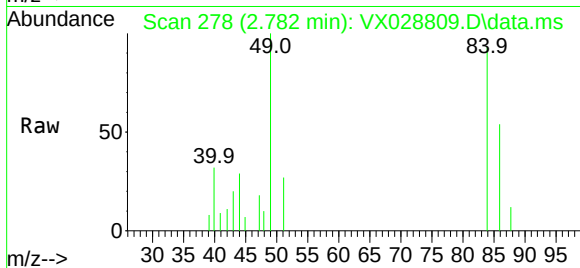
Acq: 18 May 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

TP-38



Tgt Ion: 84 Resp: 1635

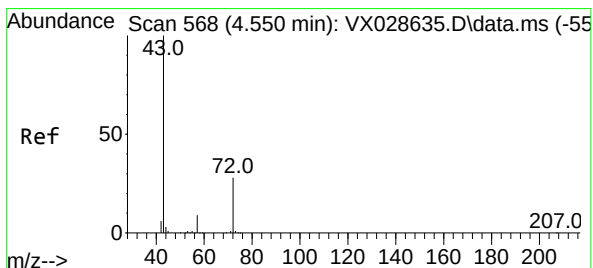
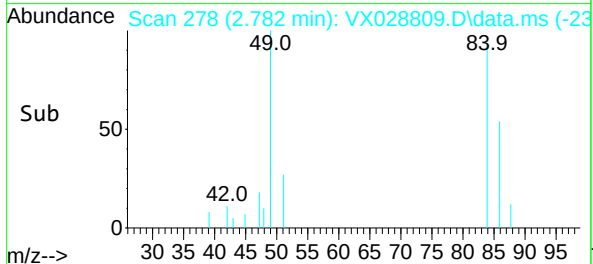
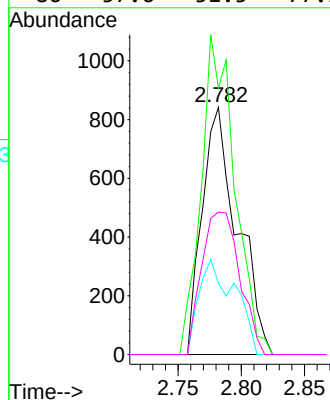
Ion Ratio Lower Upper

84 100

49 107.6 85.5 128.3

51 28.9 26.6 39.8

86 57.6 51.5 77.3



#25

2-Butanone

Concen: 9.655 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.055 min

Lab File: VX028809.D

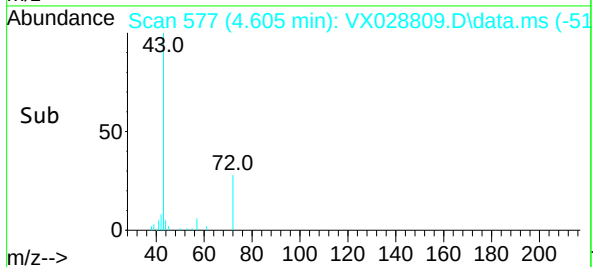
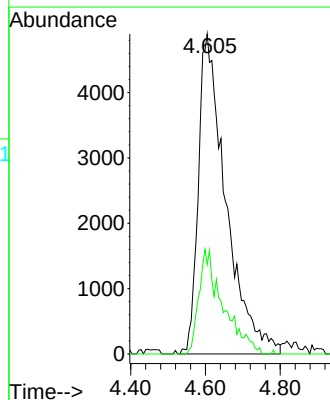
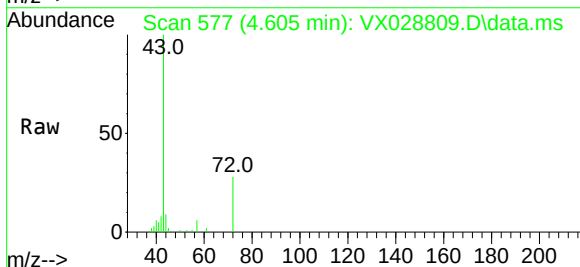
Acq: 18 May 2022 16:29

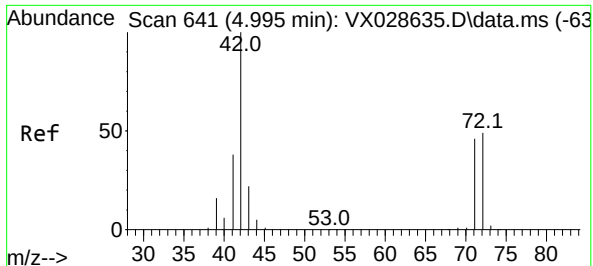
Tgt Ion: 43 Resp: 24934

Ion Ratio Lower Upper

43 100

72 28.0 24.4 36.6





#29

Tetrahydrofuran

Concen: 0.985 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

TP-38

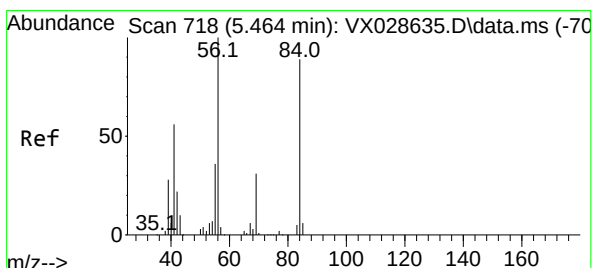
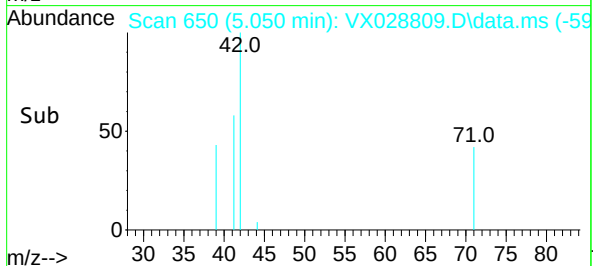
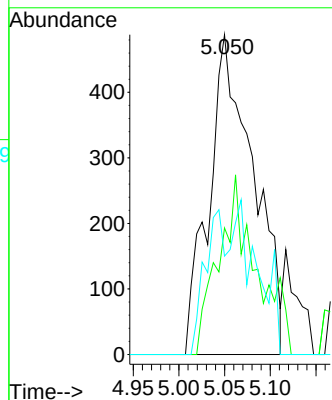
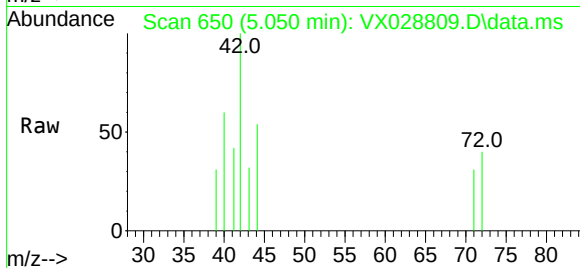
Tgt Ion: 42 Resp: 1654

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 19.9 40.5 60.7#



#31

Cyclohexane

Concen: 1.173 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.092 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

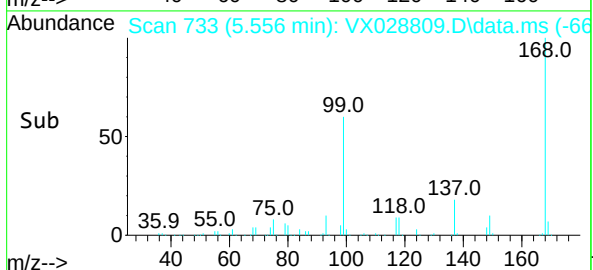
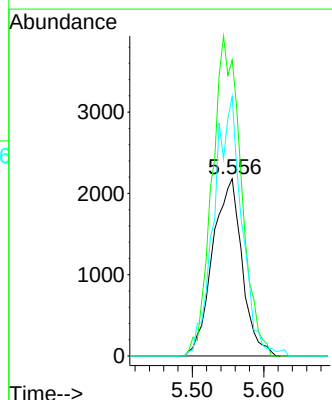
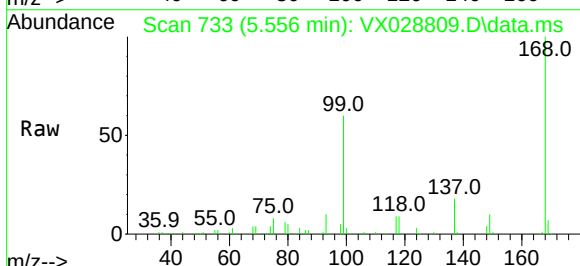
Tgt Ion: 56 Resp: 6244

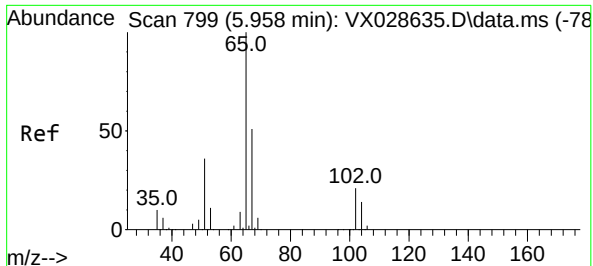
Ion Ratio Lower Upper

56 100

69 167.2 26.7 40.1#

84 146.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.273 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

Instrument :

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ClientSampleId :

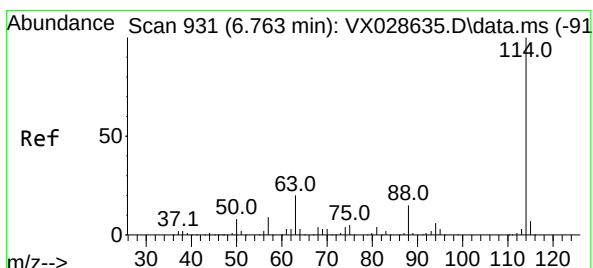
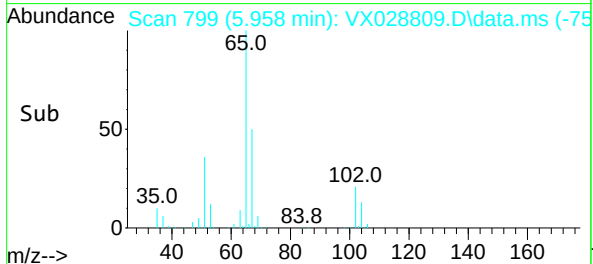
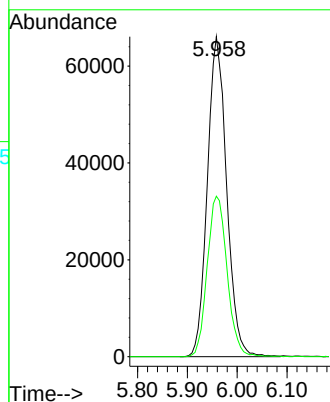
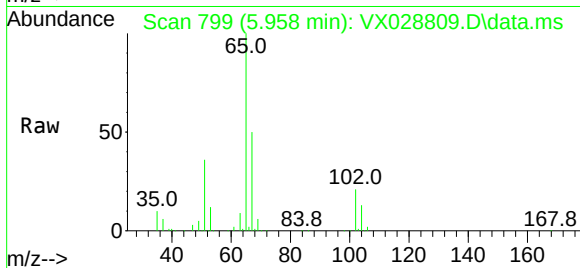
TP-38

Tgt Ion: 65 Resp: 177380

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

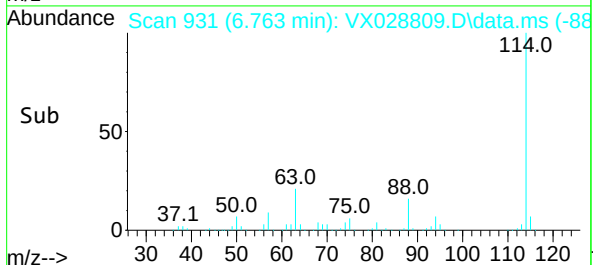
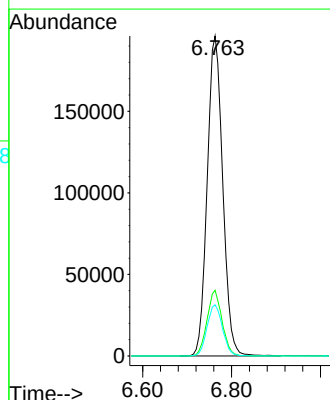
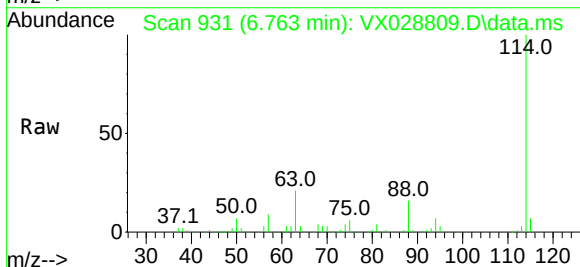
Tgt Ion: 114 Resp: 476545

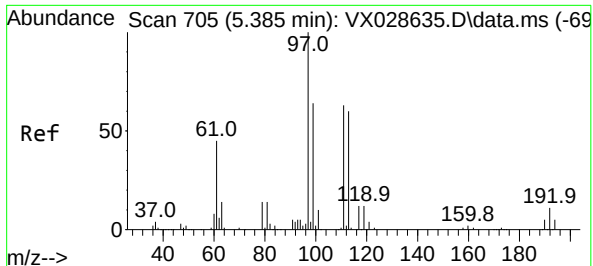
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.379 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

Instrument :

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ClientSampleId :

TP-38

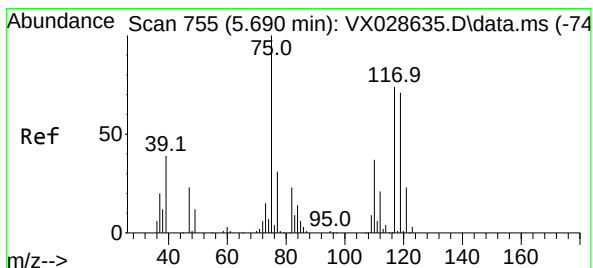
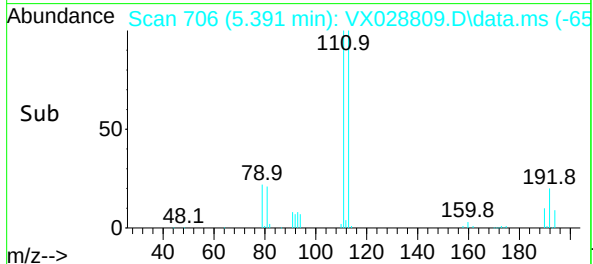
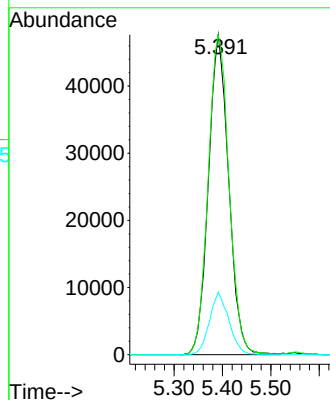
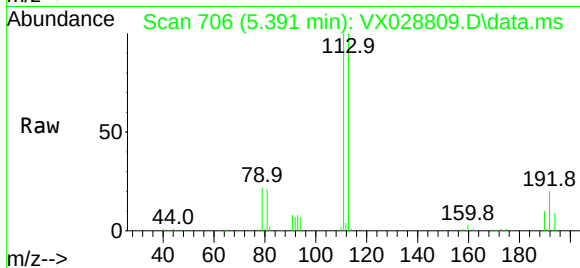
Tgt Ion:113 Resp: 138561

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

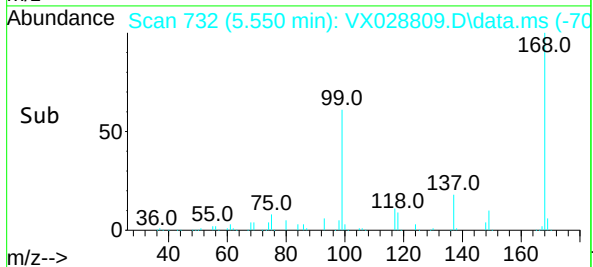
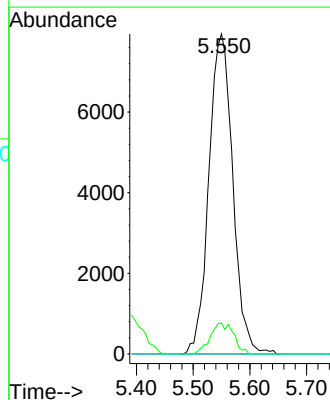
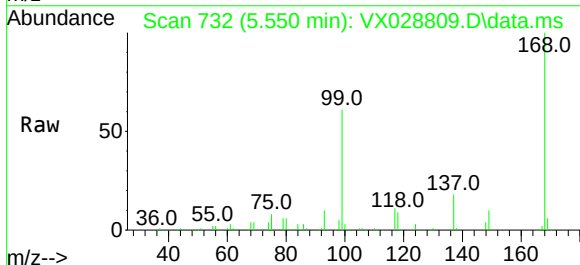
Tgt Ion: 75 Resp: 23229

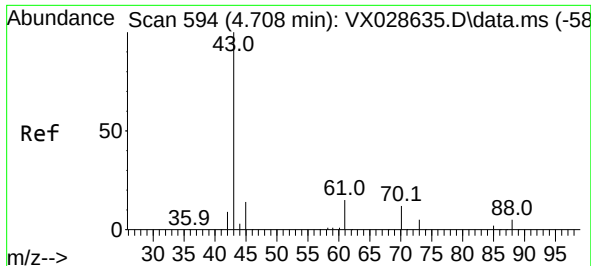
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 5.090 ug/l

RT: 4.605 min Scan# 51

Delta R.T. -0.103 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

Instrument :

MSVOA_X

ClientSampleId :

TP-38

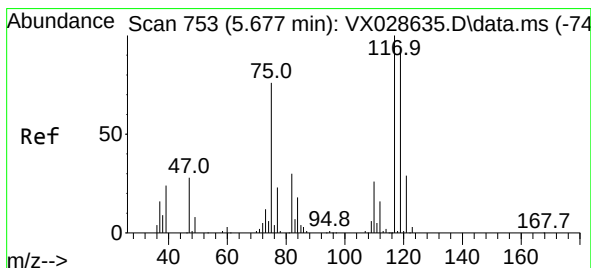
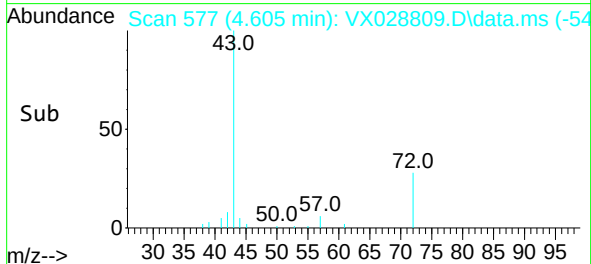
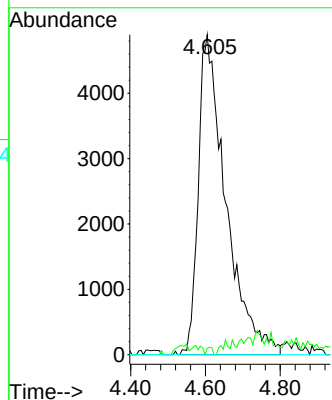
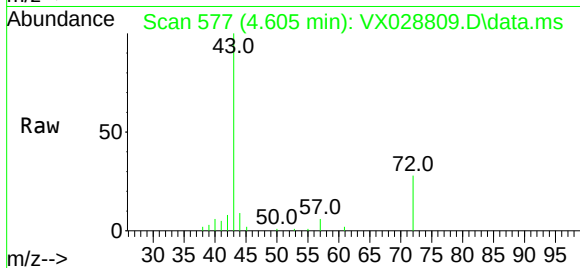
Tgt Ion: 43 Resp: 24934

Ion Ratio Lower Upper

43 100

61 0.5 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.324 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX028809.D

Acq: 18 May 2022 16:29

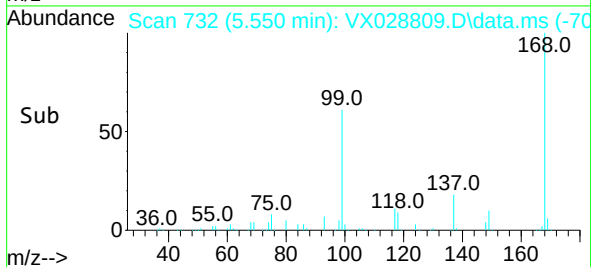
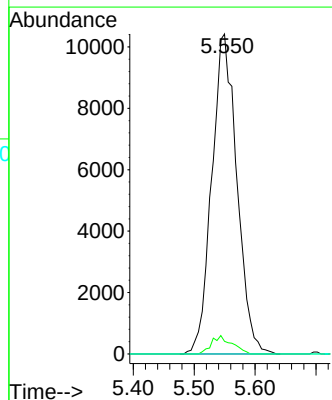
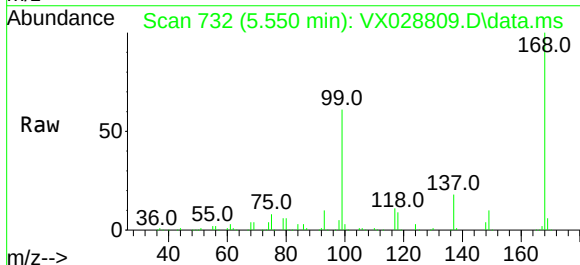
Tgt Ion: 117 Resp: 29846

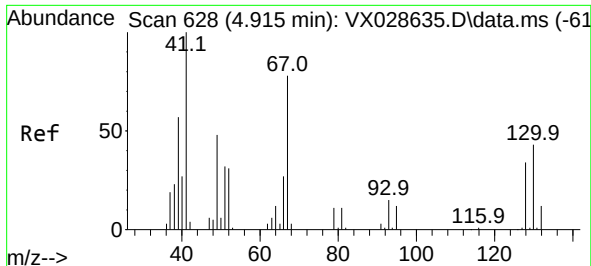
Ion Ratio Lower Upper

117 100

119 3.9 77.3 115.9#

121 0.0 24.2 36.2#

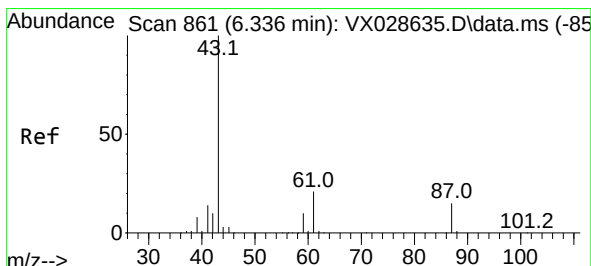
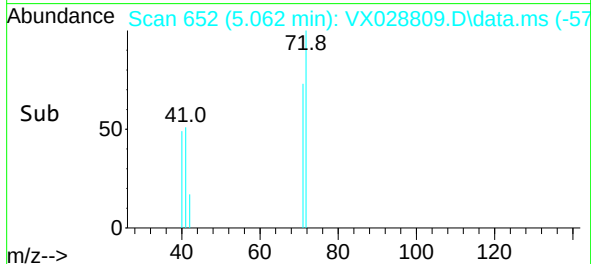
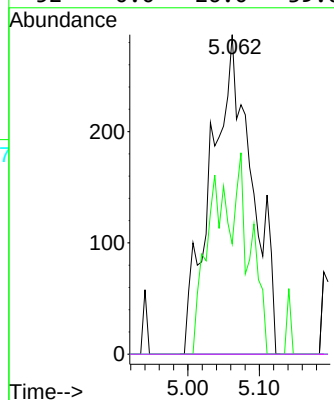
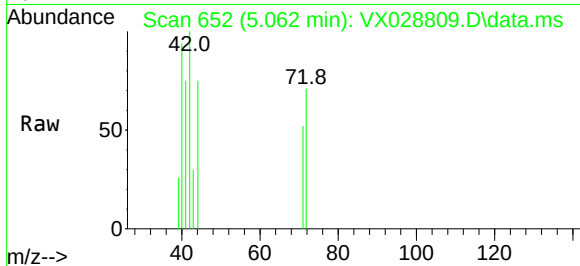




#41
Methacrylonitrile
Concen: 0.436 ug/l
RT: 5.062 min Scan# 611
Delta R.T. 0.147 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

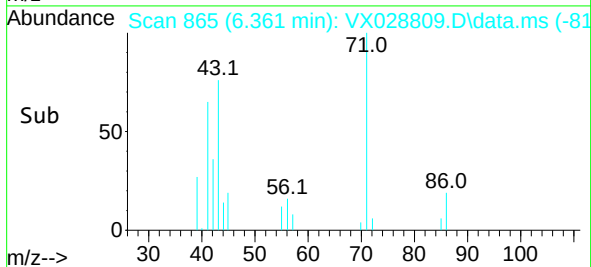
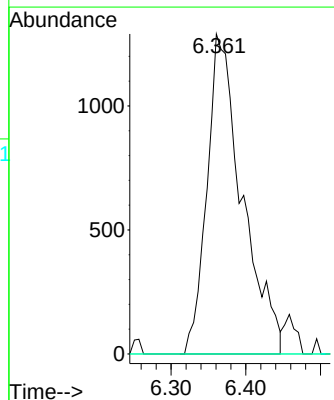
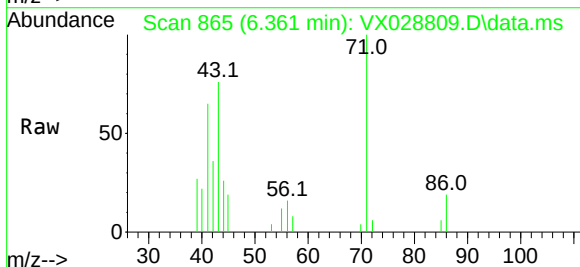
Instrument :
MSVOA_X
ClientSampleId :
TP-38

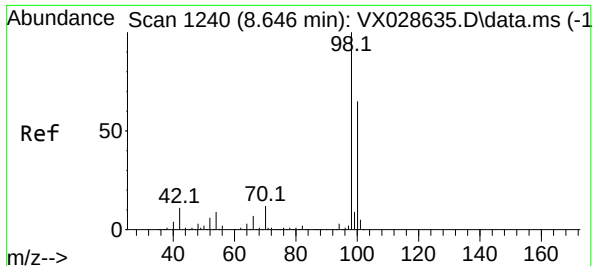
Tgt Ion: 41 Resp: 1146
Ion Ratio Lower Upper
41 100
39 6.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#



#43
Isopropyl Acetate
Concen: 0.551 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

Tgt Ion: 43 Resp: 4224
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#

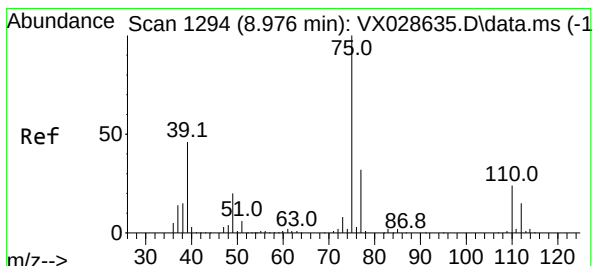
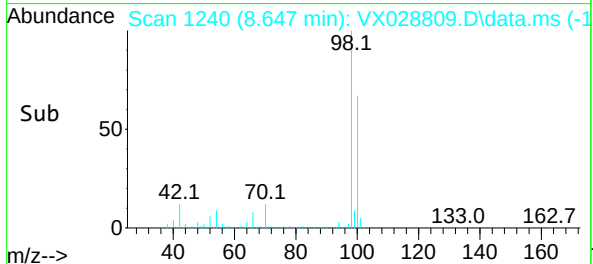
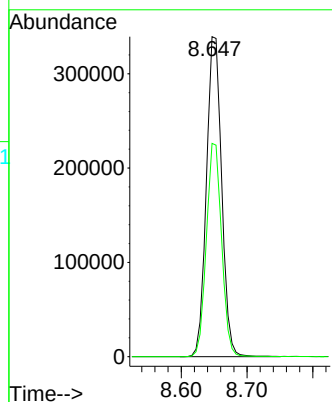
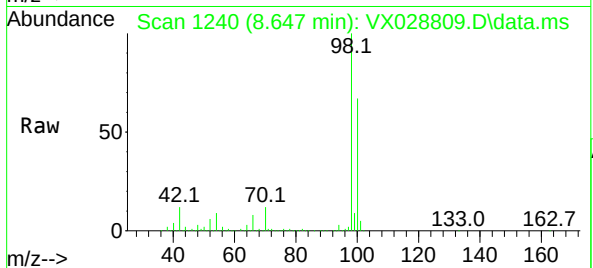




#50
Toluene-d8
Concen: 46.544 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

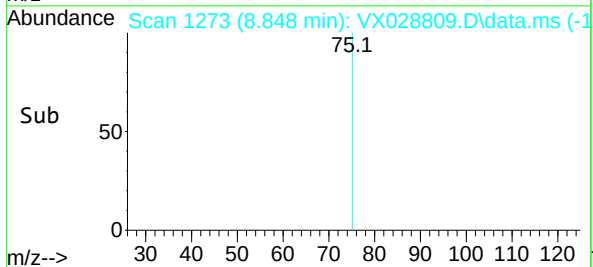
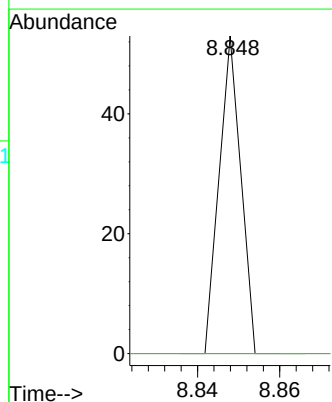
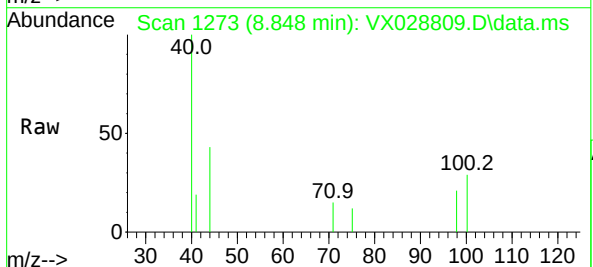
Instrument :
MSVOA_X
ClientSampleId :
TP-38

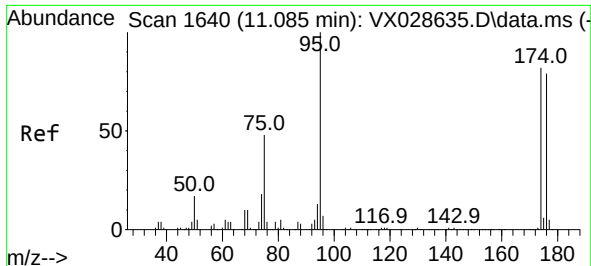
Tgt Ion: 98 Resp: 547894
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.644 ug/l
RT: 8.848 min Scan# 1273
Delta R.T. -0.128 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

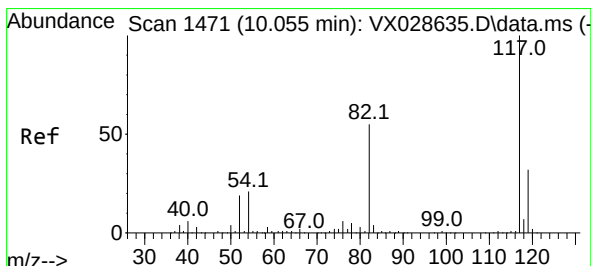
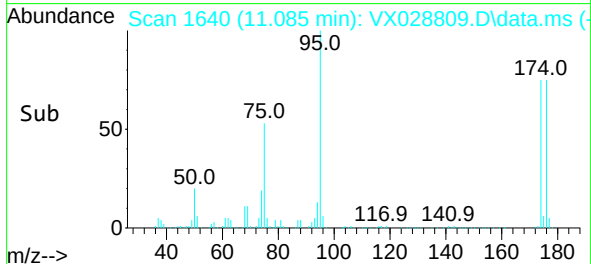
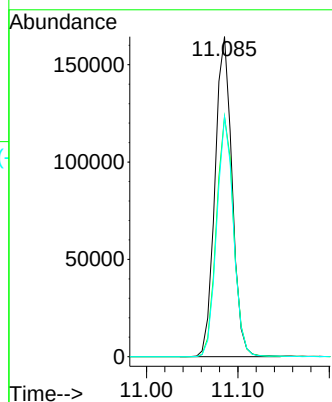
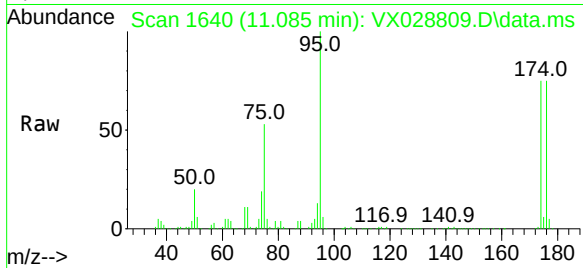




#62
4-Bromofluorobenzene
Concen: 48.624 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

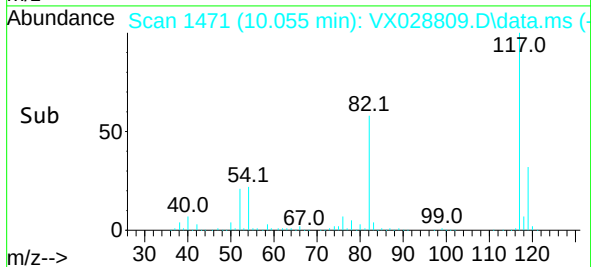
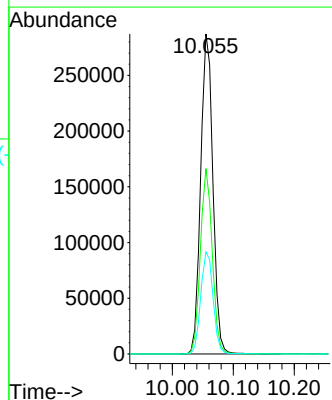
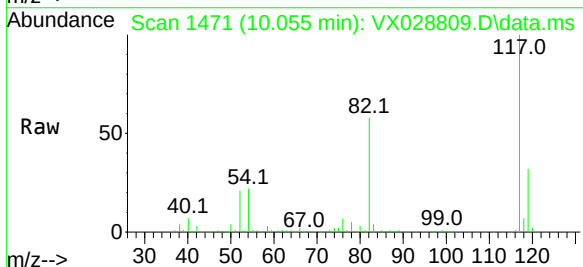
Instrument :
MSVOA_X
ClientSampleId :
TP-38

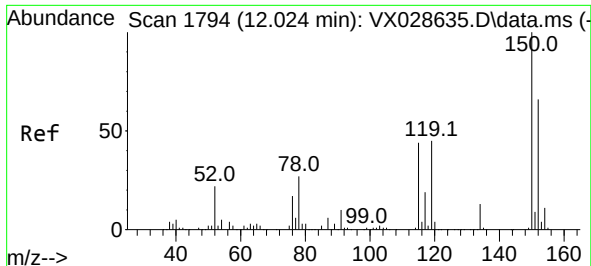
Tgt Ion: 95 Resp: 213788
Ion Ratio Lower Upper
95 100
174 75.2 0.0 163.0
176 73.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

Tgt Ion: 117 Resp: 399109
Ion Ratio Lower Upper
117 100
82 58.0 41.8 62.8
119 31.9 24.8 37.2

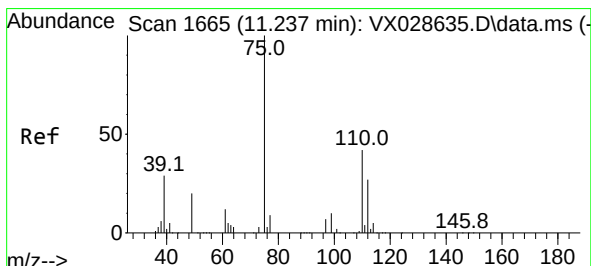
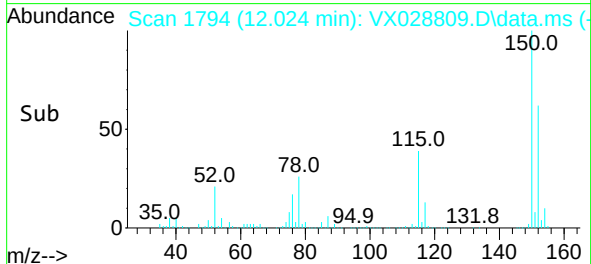
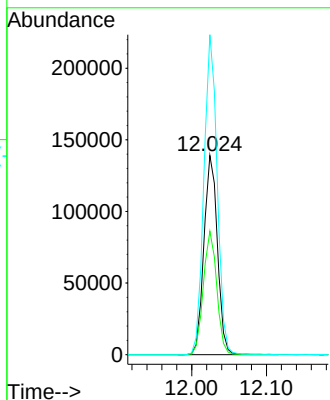
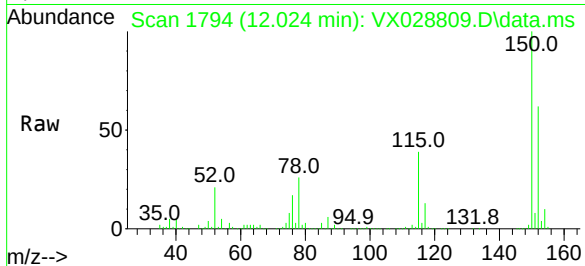




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

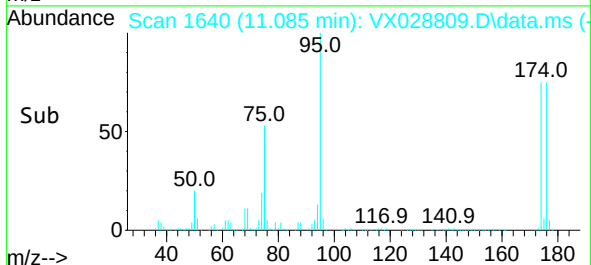
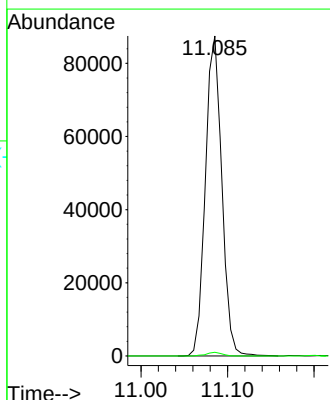
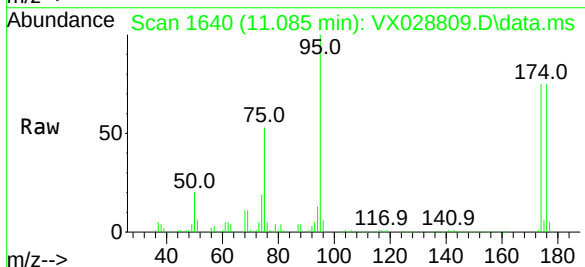
Instrument :
MSVOA_X
ClientSampleId :
TP-38

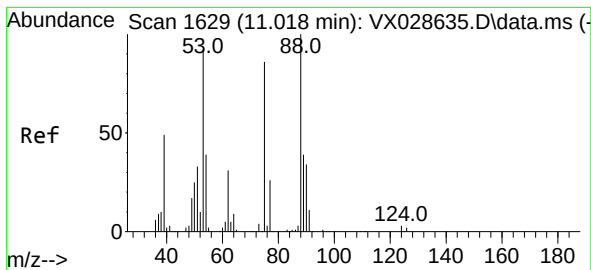
Tgt Ion:152 Resp: 174440
Ion Ratio Lower Upper
152 100
115 61.6 37.5 112.7
150 157.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 28.163 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX028809.D
Acq: 18 May 2022 16:29

Tgt Ion: 75 Resp: 115052
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.384 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX028809.D
 Acq: 18 May 2022 16:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-38

Tgt Ion: 75 Resp: 115052
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

