

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033072.D
 Acq On : 25 Nov 2022 16:51
 Operator : JC/MD
 Sample : N5742-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB111822

Quant Time: Nov 28 00:49:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

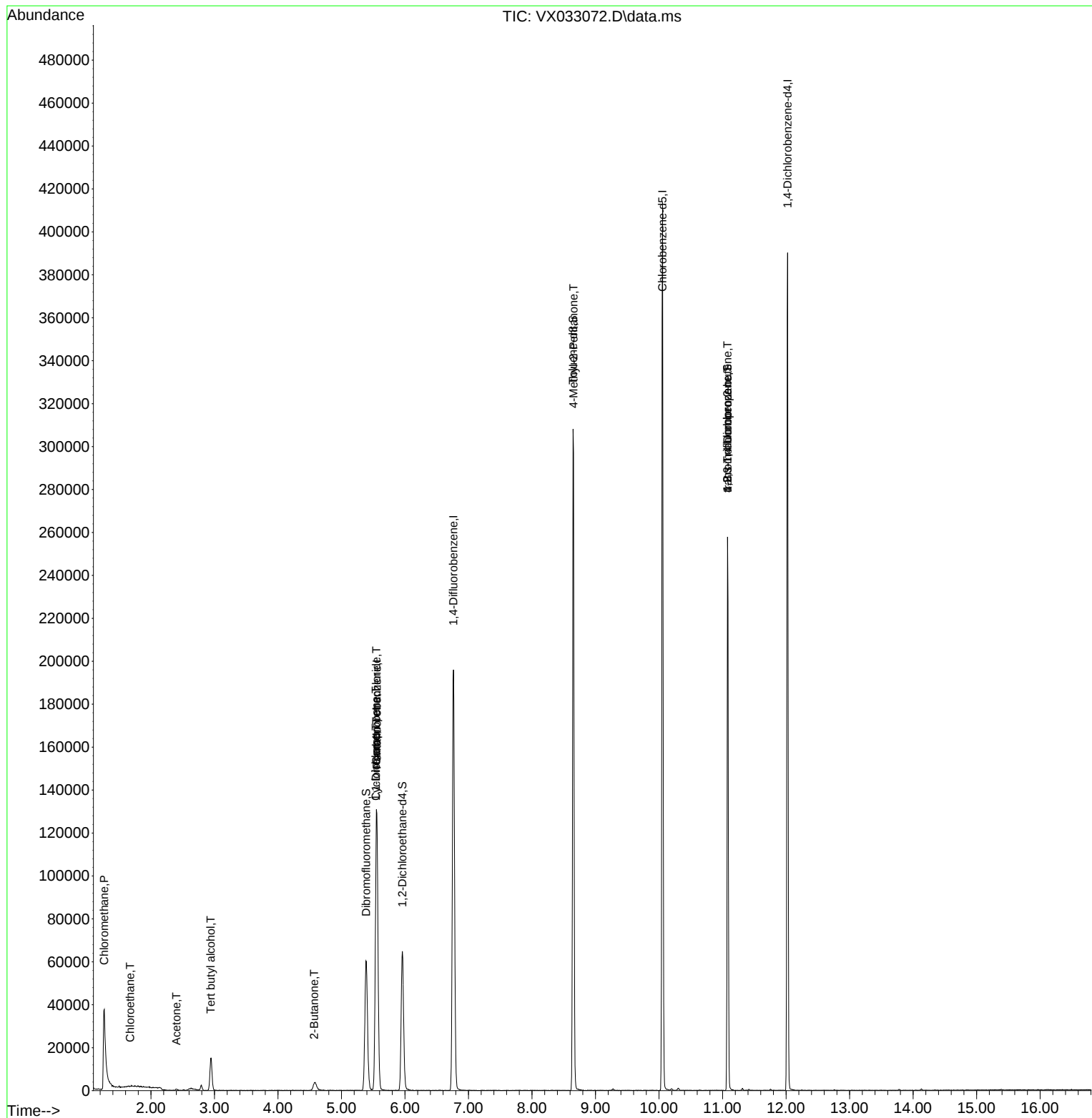
Internal Standards						
1) Pentafluorobenzene	5.556	168	125043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66102	54.374	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.740%	
35) Dibromofluoromethane	5.385	113	52196	45.573	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.140%	
50) Toluene-d8	8.647	98	179354	52.138	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.280%	
62) 4-Bromofluorobenzene	11.079	95	64764	43.047	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	1570	1.522	ug/l #	43
6) Chloroethane	1.672	64	290	0.310	ug/l #	42
11) Tert butyl alcohol	2.941	59	9074	47.007	ug/l #	75
16) Acetone	2.398	43	883	1.553	ug/l	93
20) Methylene Chloride	2.788	84	1023	Below Cal	#	88
25) 2-Butanone	4.568	43	209	0.267	ug/l #	47
31) Cyclohexane	5.544	56	2649	1.343	ug/l #	34
36) 1,1-Dichloropropene	5.544	75	9781	5.341	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12869	6.335	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	862	0.529	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35476	22.962	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35476	74.636	ug/l #	6

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

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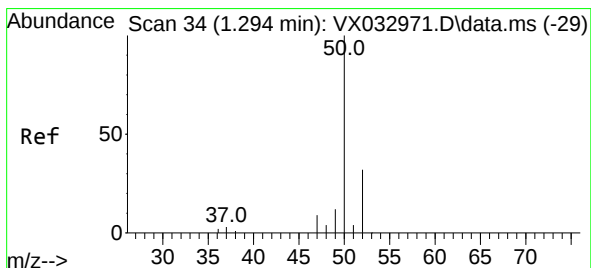
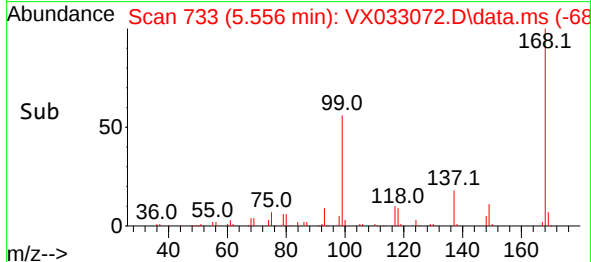
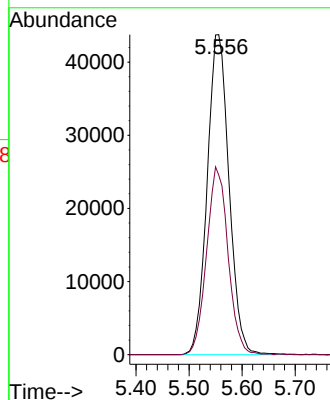
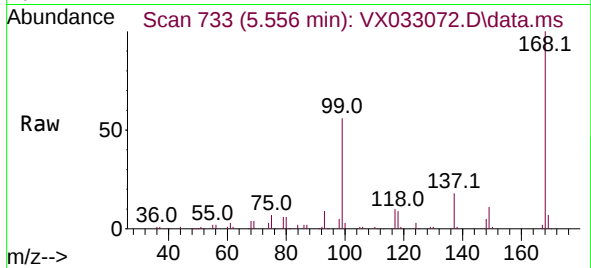




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

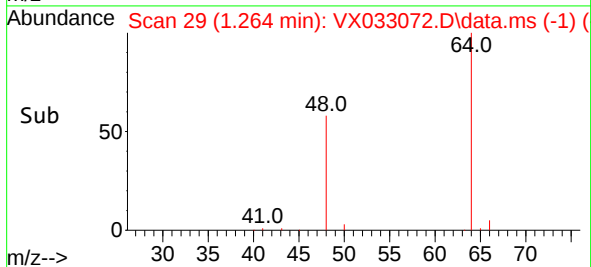
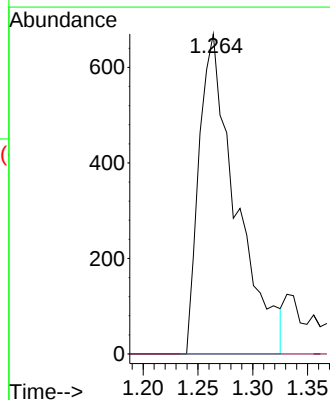
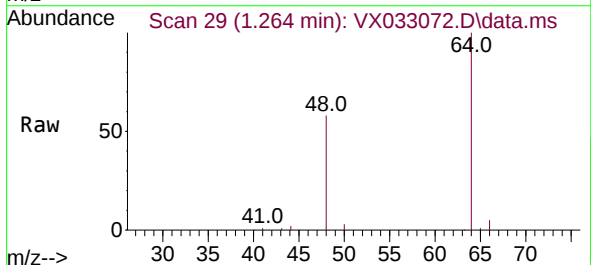
Instrument :
MSVOA_X
ClientSampleId :
FB111822

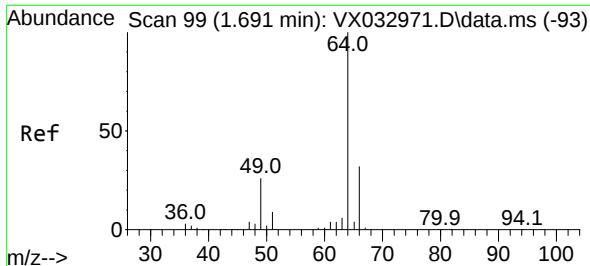
Tgt Ion:168 Resp: 125043
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#3
Chloromethane
Concen: 1.522 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Tgt Ion: 50 Resp: 1570
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

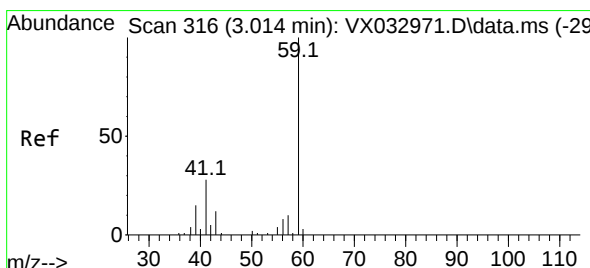
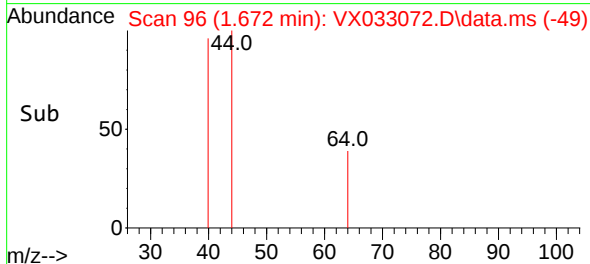
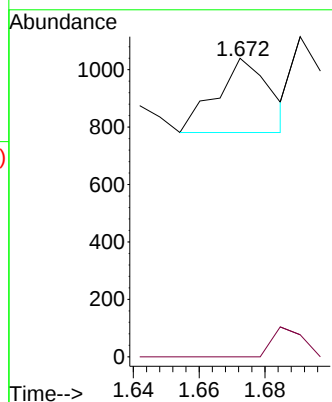
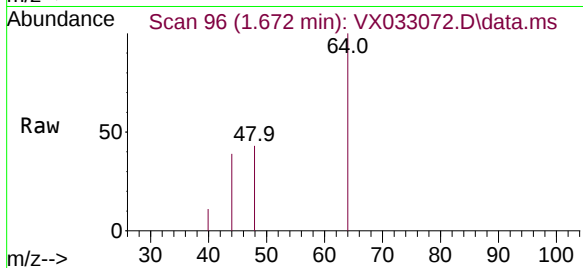




#6
Chloroethane
Concen: 0.310 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

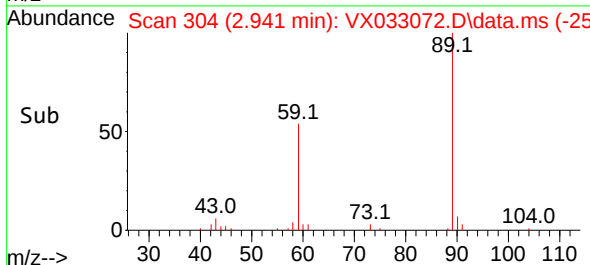
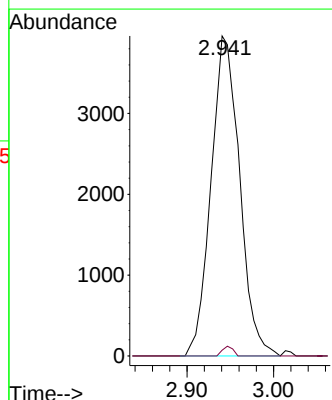
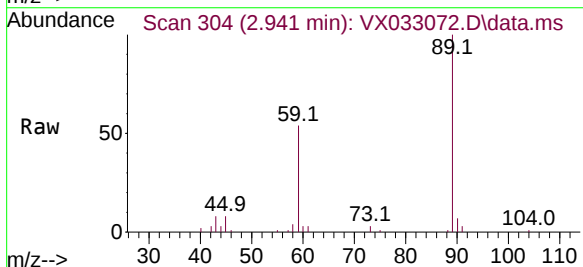
Instrument :
MSVOA_X
ClientSampleId :
FB111822

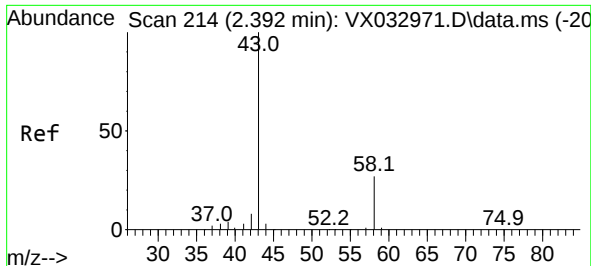
Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 47.007 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Tgt Ion: 59 Resp: 9074
Ion Ratio Lower Upper
59 100
57 1.1 8.2 12.4#

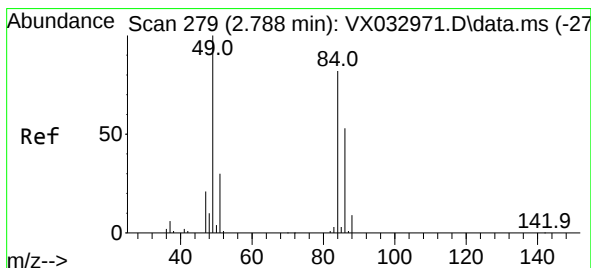
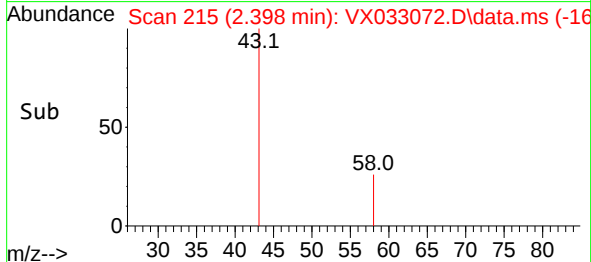
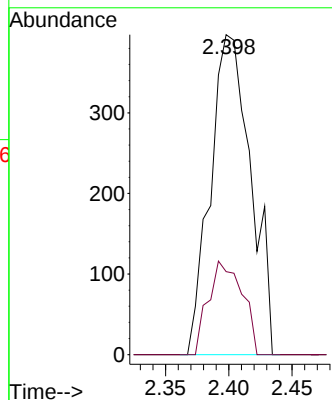
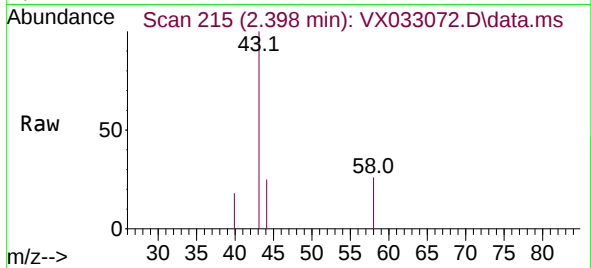




#16
Acetone
Concen: 1.553 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

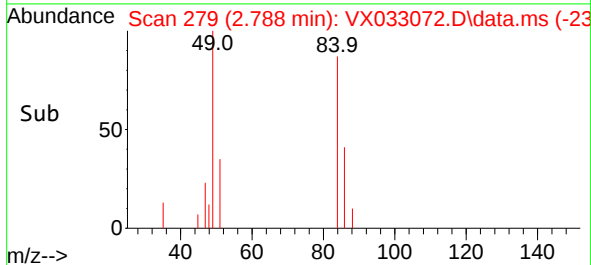
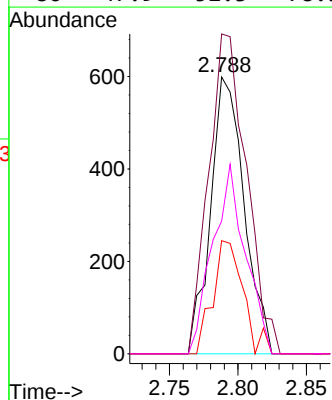
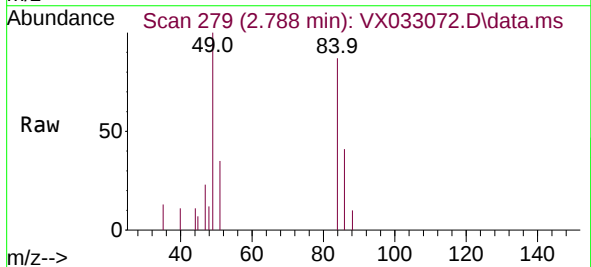
Instrument :
MSVOA_X
ClientSampleId :
FB111822

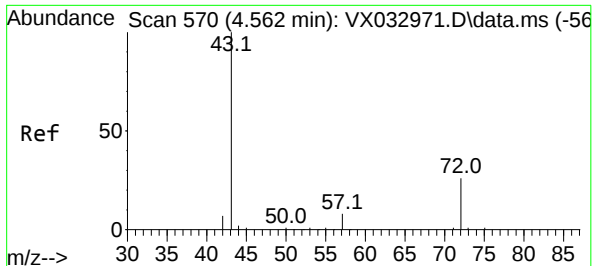
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 25.9 23.8 35.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Tgt Ion: 84 Resp: 1023
Ion Ratio Lower Upper
84 100
49 115.5 101.0 151.6
51 40.9 31.1 46.7
86 47.9 52.3 78.5#





#25

2-Butanone

Concen: 0.267 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

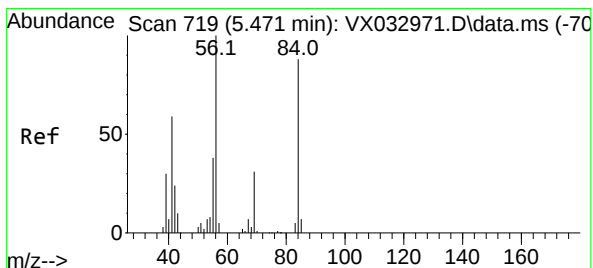
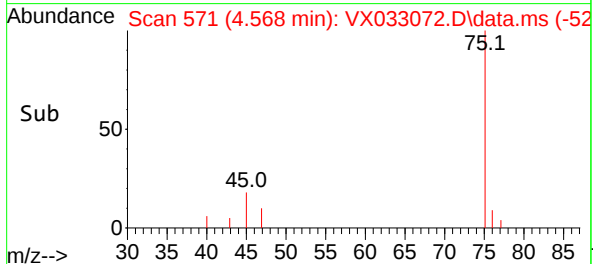
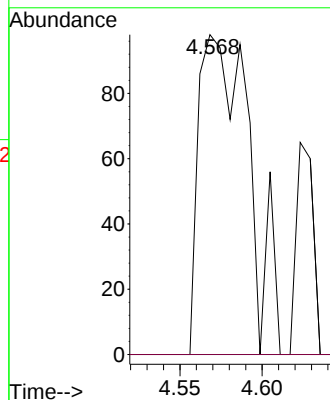
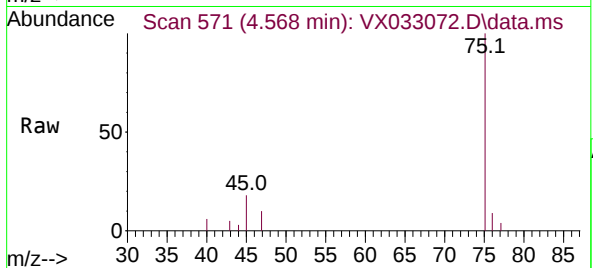
FB111822

Tgt Ion: 43 Resp: 209

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#



#31

Cyclohexane

Concen: 1.343 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.074 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

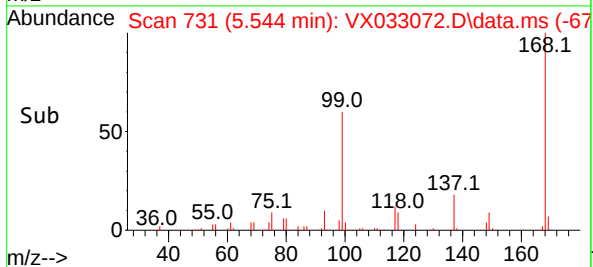
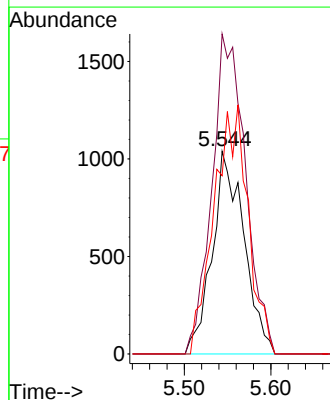
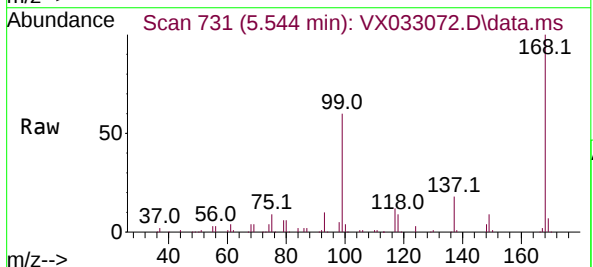
Tgt Ion: 56 Resp: 2649

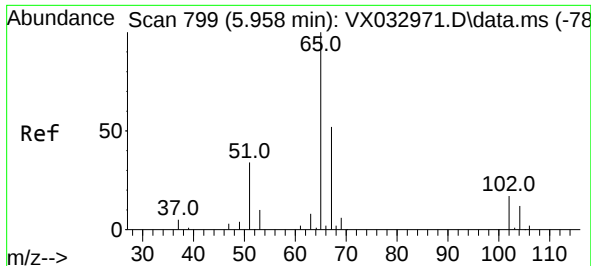
Ion Ratio Lower Upper

56 100

69 157.9 24.1 36.1#

84 88.0 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 54.374 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

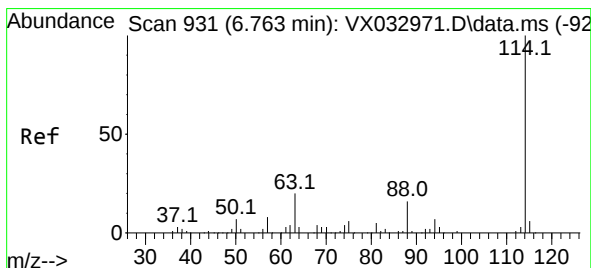
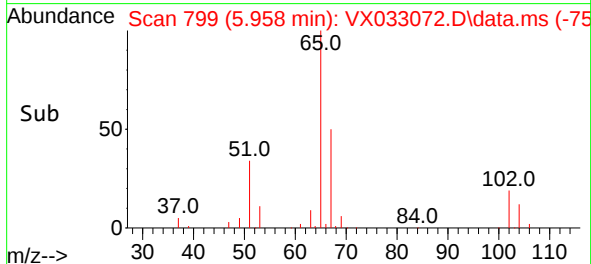
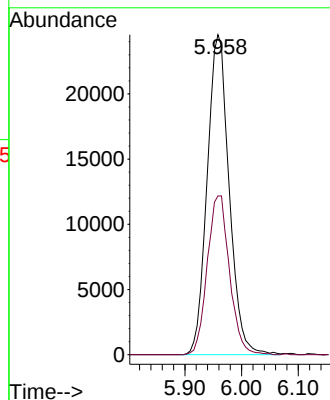
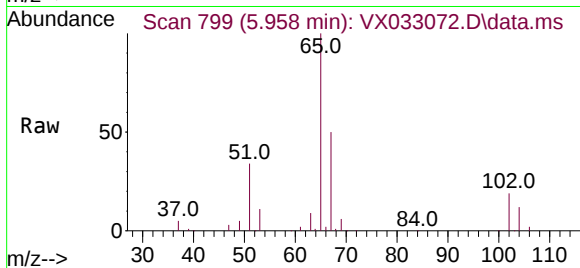
FB111822

Tgt Ion: 65 Resp: 66102

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

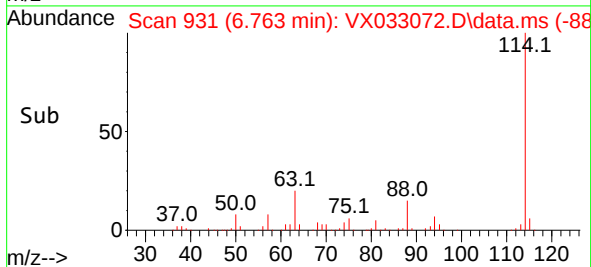
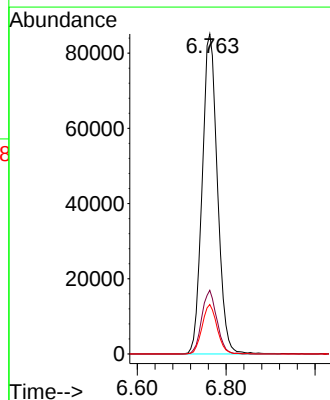
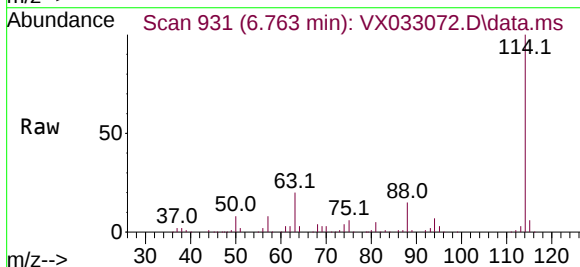
Tgt Ion: 114 Resp: 203157

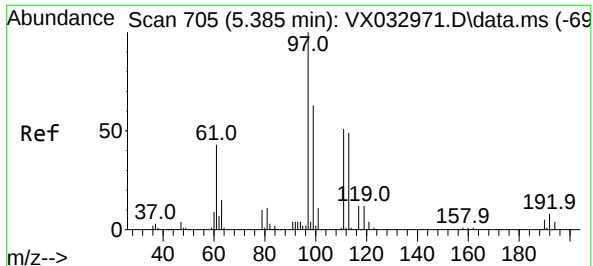
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.573 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

FB111822

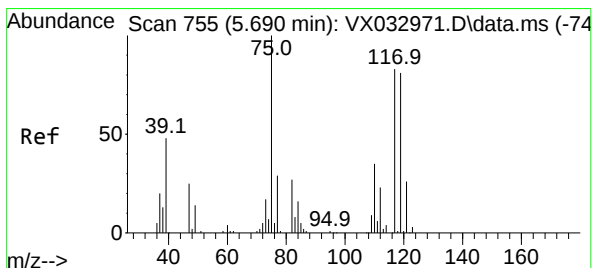
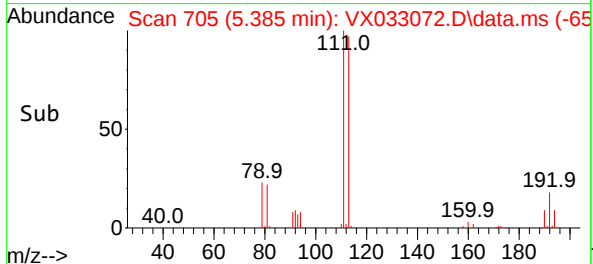
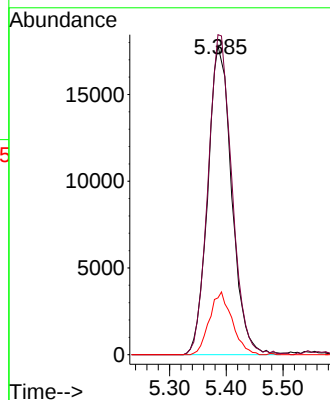
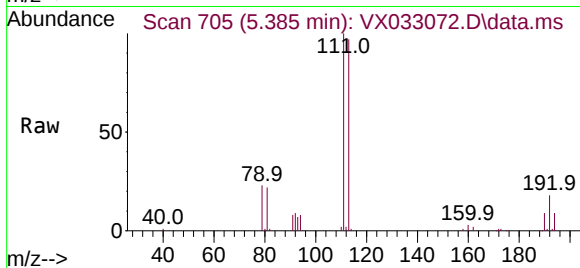
Tgt Ion:113 Resp: 52196

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.341 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

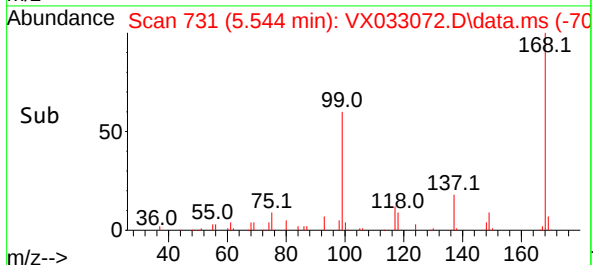
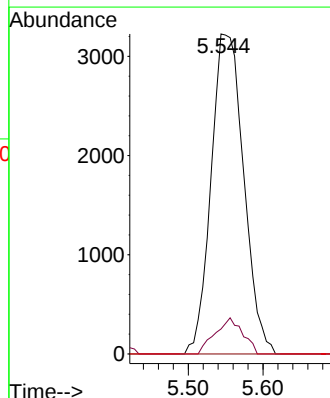
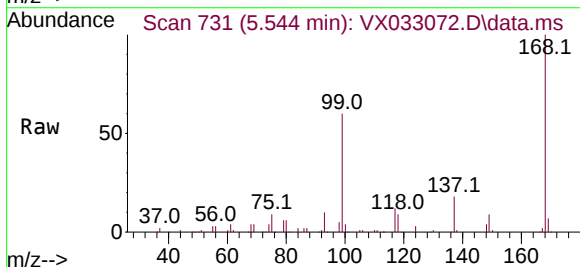
Tgt Ion: 75 Resp: 9781

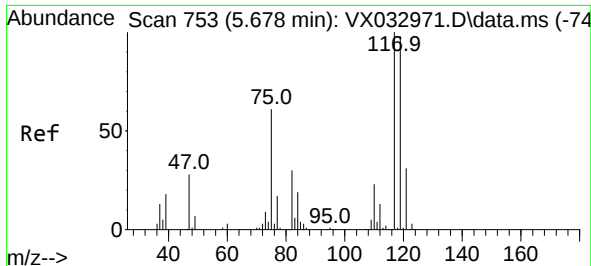
Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#

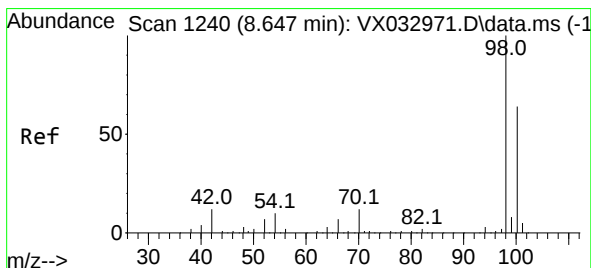
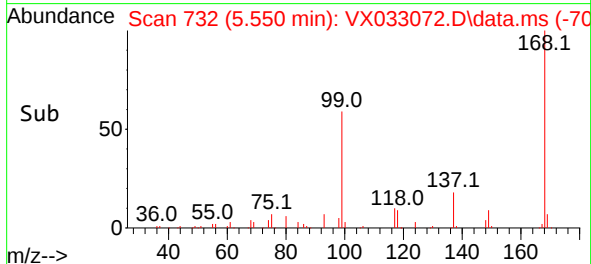
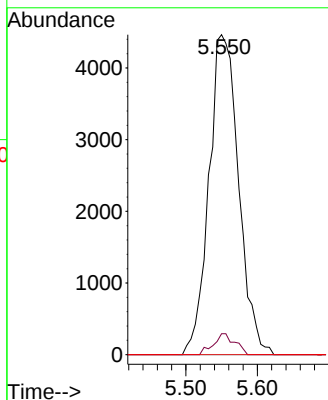
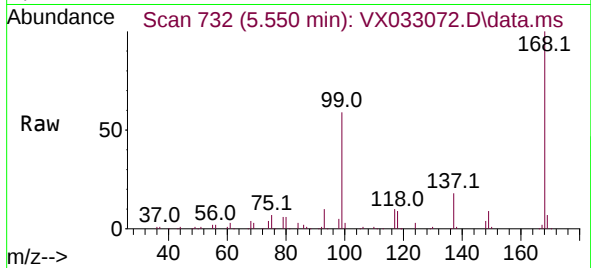




#38
Carbon Tetrachloride
Concen: 6.335 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

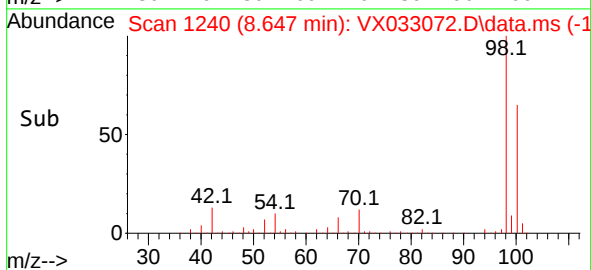
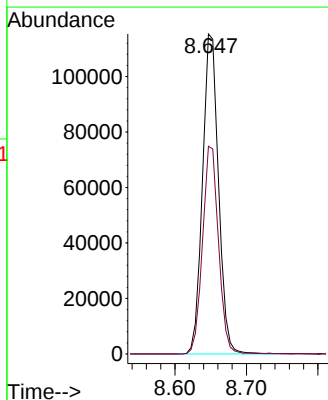
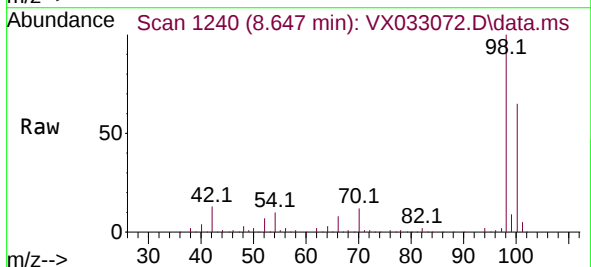
Instrument :
MSVOA_X
ClientSampleId :
FB111822

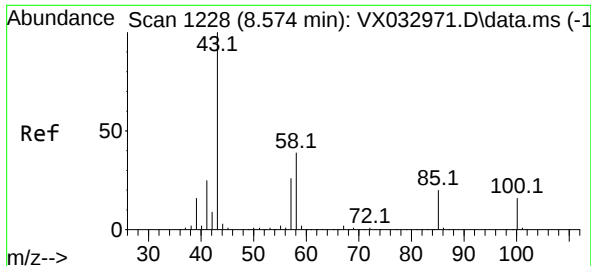
Tgt Ion:117 Resp: 12869
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.138 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Tgt Ion: 98 Resp: 179354
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3

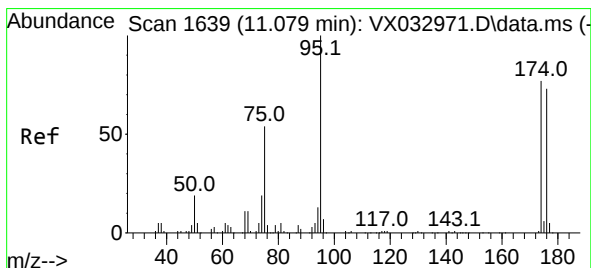
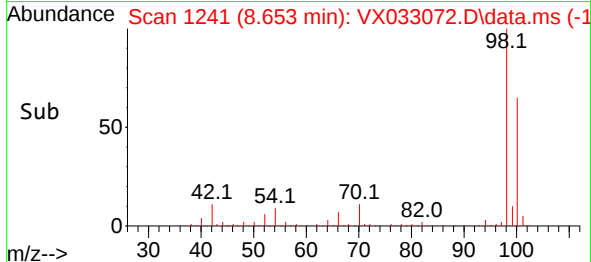
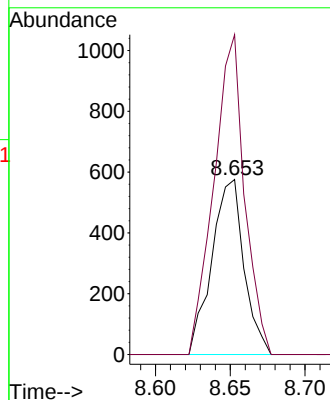
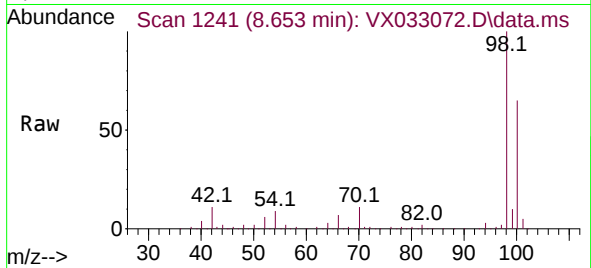




#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

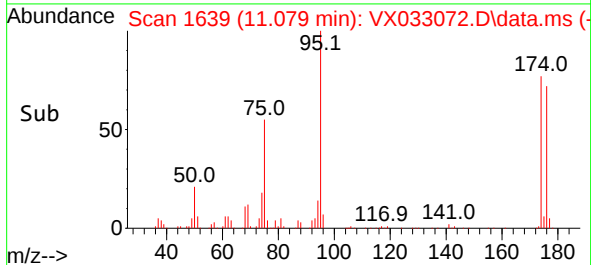
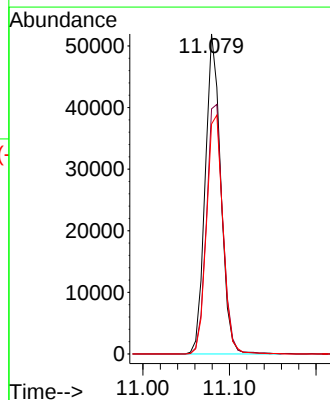
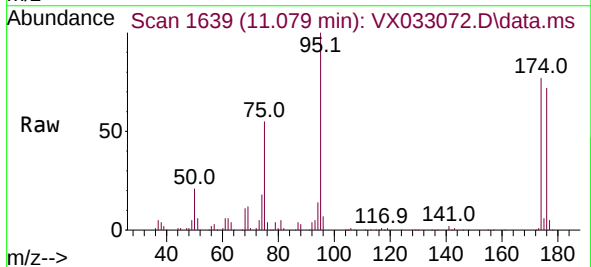
Instrument :
MSVOA_X
ClientSampleId :
FB111822

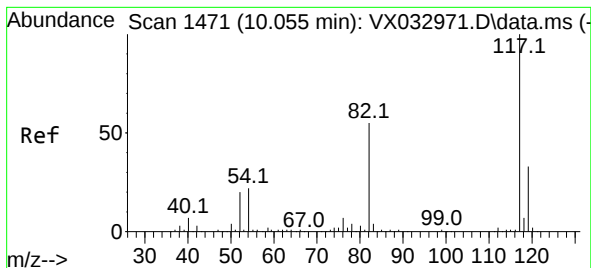
Tgt Ion: 43 Resp: 862
Ion Ratio Lower Upper
43 100
58 174.5 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 43.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Tgt Ion: 95 Resp: 64764
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 78.7 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

Instrument :

MSVOA_X

ClientSampleId :

FB111822

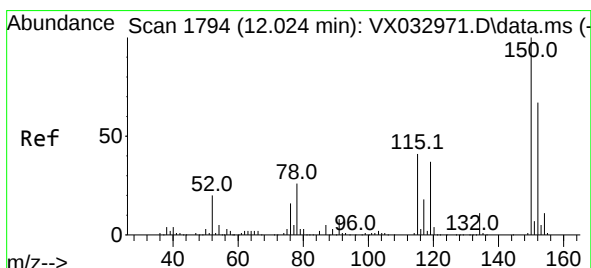
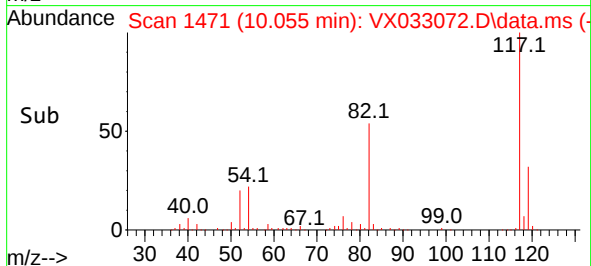
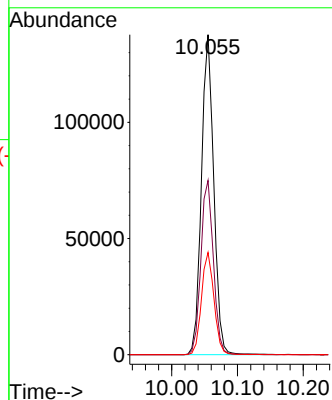
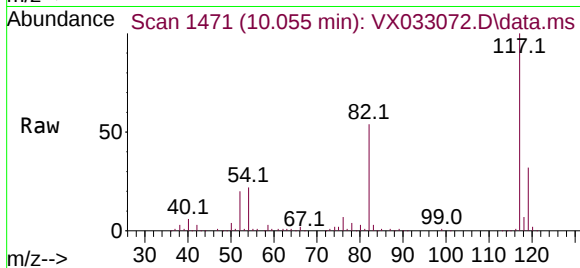
Tgt Ion:117 Resp: 179212

Ion Ratio Lower Upper

117 100

82 54.5 44.3 66.5

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX033072.D

Acq: 25 Nov 2022 16:51

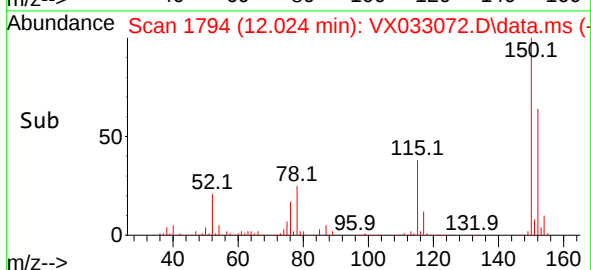
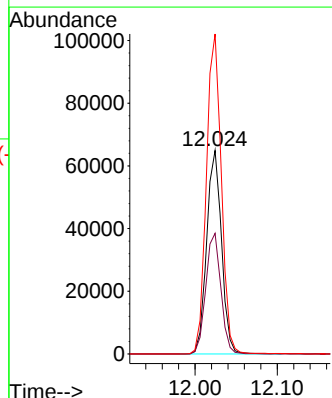
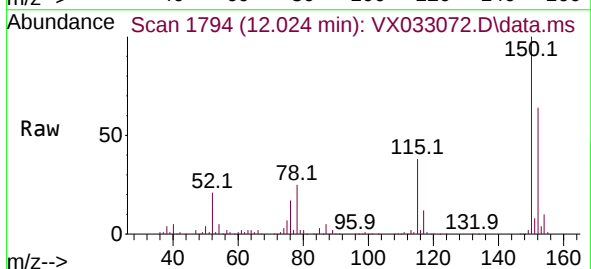
Tgt Ion:152 Resp: 81581

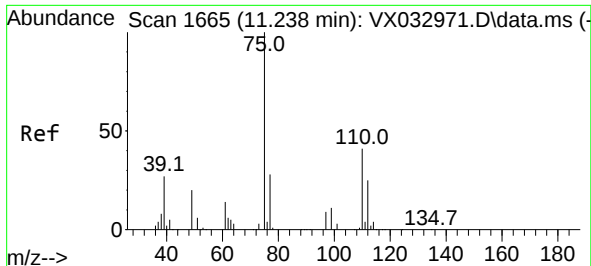
Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 158.0 0.0 351.8

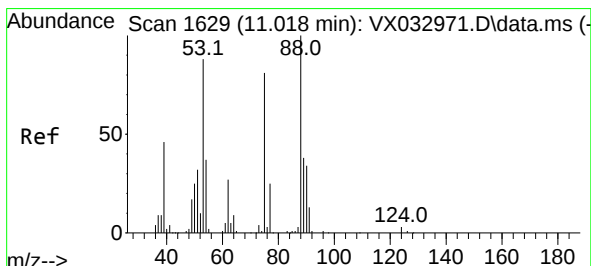
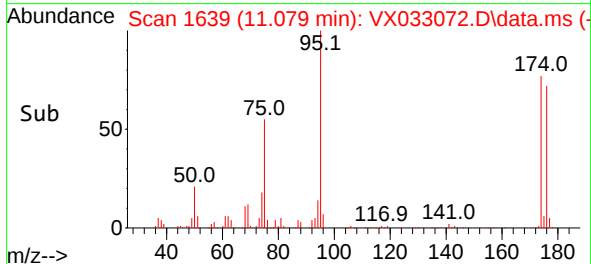
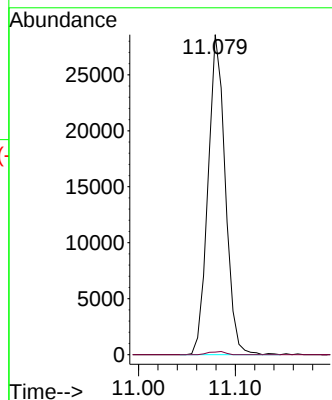
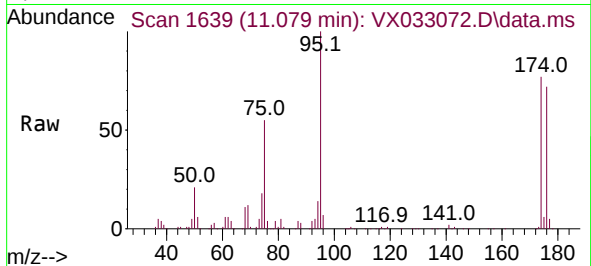




#76
1,2,3-Trichloropropane
Concen: 22.962 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Instrument :
MSVOA_X
ClientSampleId :
FB111822

Tgt Ion: 75 Resp: 35476
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.636 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033072.D
Acq: 25 Nov 2022 16:51

Tgt Ion: 75 Resp: 35476
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

