

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029871.D
 Acq On : 29 Jun 2022 18:50
 Operator : JC/MD
 Sample : N3485-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220623DL

Quant Time: Jun 29 23:01:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

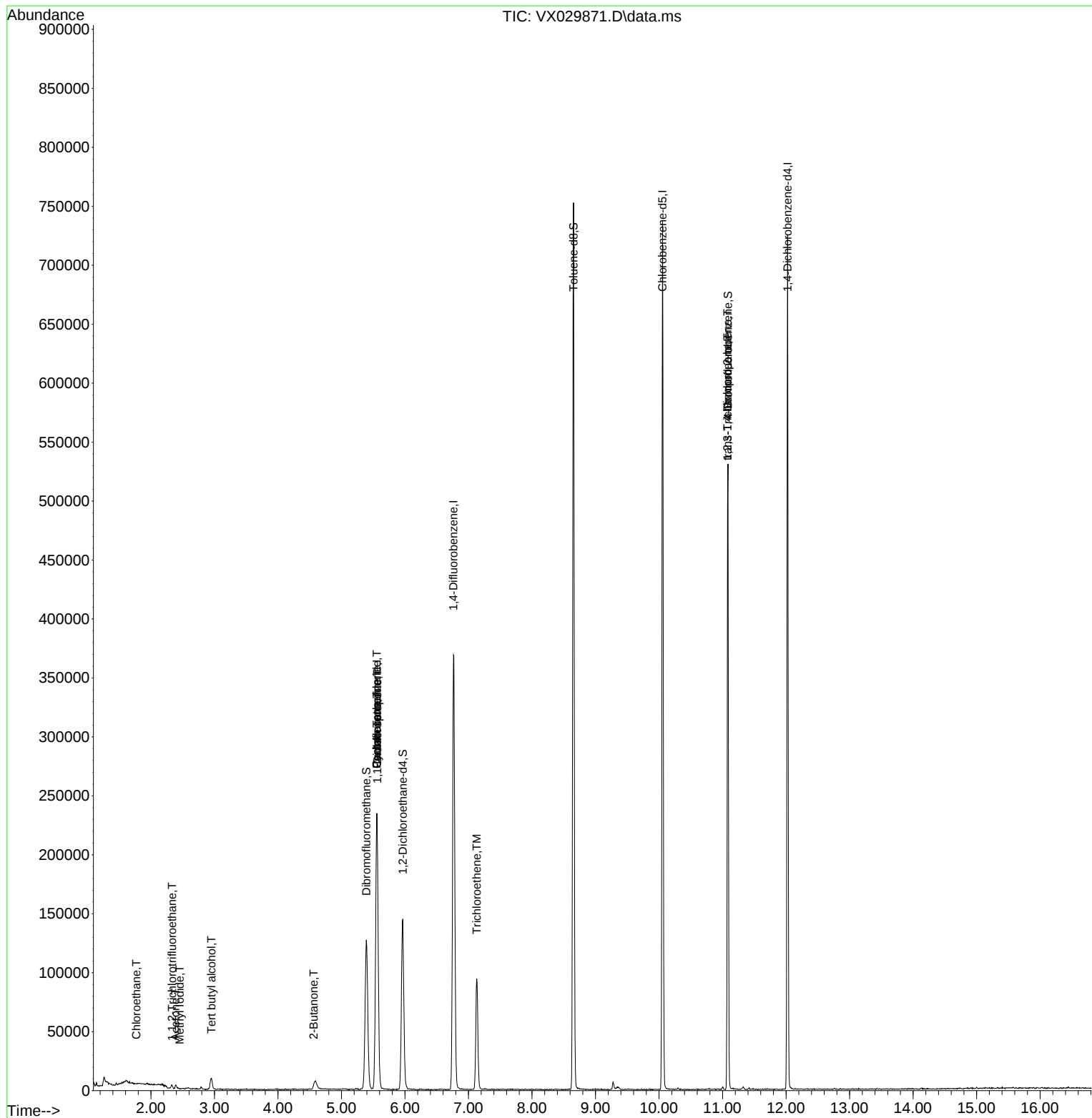
Internal Standards						
1) Pentafluorobenzene	5.556	168	230474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	125821	43.128	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.260%
35) Dibromofluoromethane	5.391	113	113936	45.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.980%
50) Toluene-d8	8.653	98	449265	48.343	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.085	95	150419	45.789	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.770	64	582	1.337	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	941	0.407	ug/l #	87
10) Methyl Iodide	2.453	142	25	1.881	ug/l #	45
11) Tert butyl alcohol	2.953	59	6071	7.957	ug/l #	76
13) Acrolein	2.233	56	95	Below Cal	#	1
16) Acetone	2.386	43	3983	2.791	ug/l #	84
25) 2-Butanone	4.562	43	1341	0.541	ug/l #	48
31) Cyclohexane	5.556	56	4664	1.147	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	17099	5.190	ug/l #	47
38) Carbon Tetrachloride	5.556	117	21791	7.633	ug/l #	18
44) Trichloroethene	7.129	130	38281	13.342	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	71012	20.432	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71012	64.888	ug/l #	12

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

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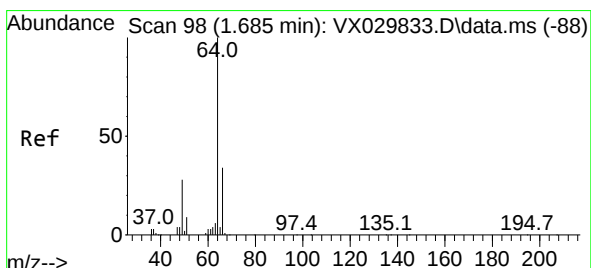
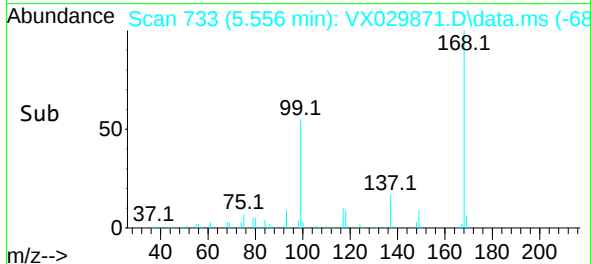
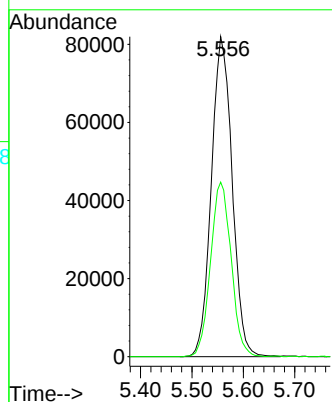
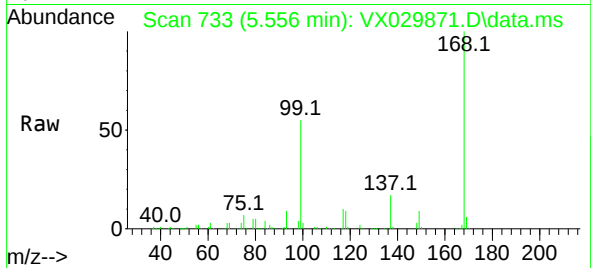




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

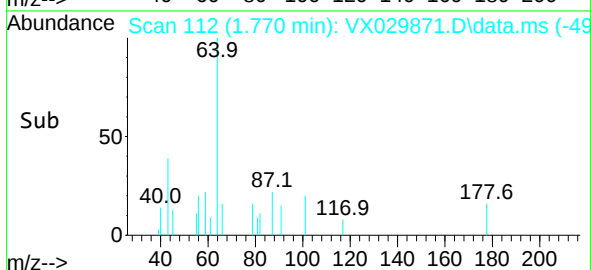
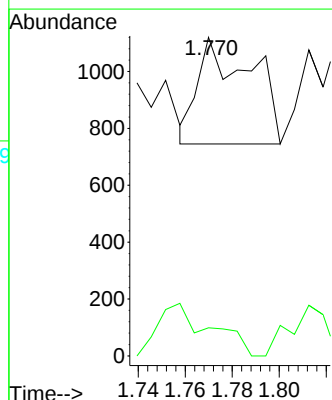
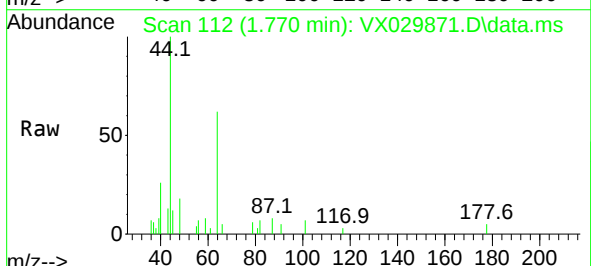
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623DL

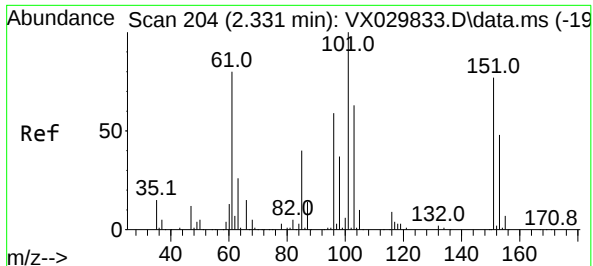
Tgt Ion:168 Resp: 230474
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#6
Chloroethane
Concen: 1.337 ug/l
RT: 1.770 min Scan# 112
Delta R.T. 0.085 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

Tgt Ion: 64 Resp: 582
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

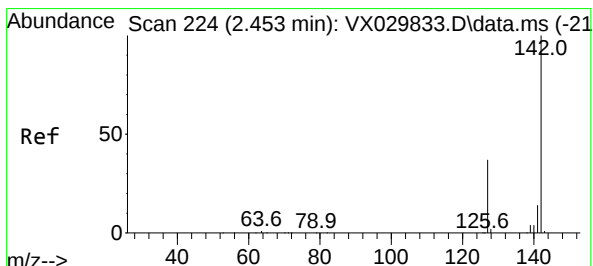
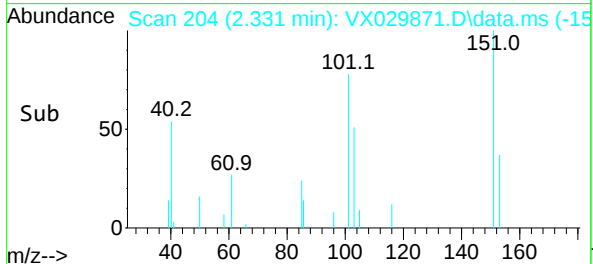
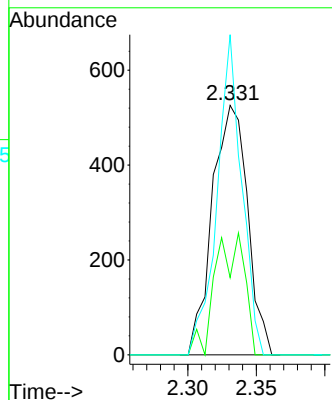
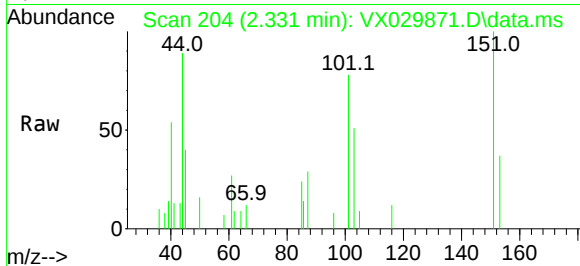




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.407 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

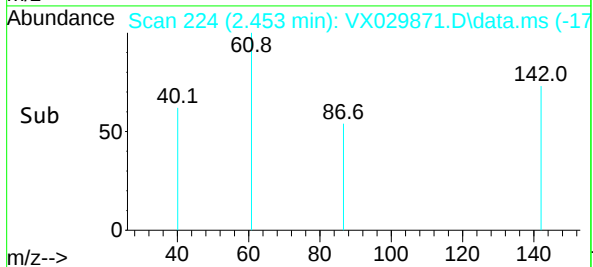
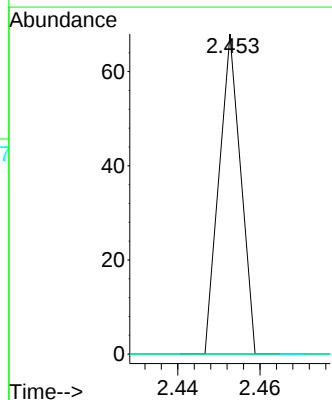
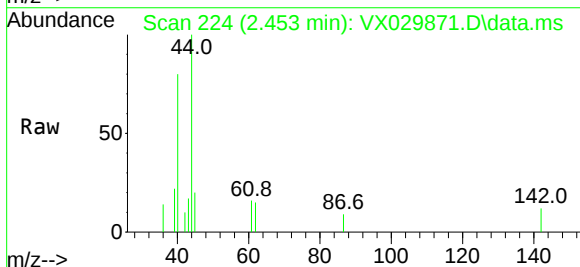
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623DL

Tgt Ion:101 Resp: 941
Ion Ratio Lower Upper
101 100
85 40.3 34.0 51.0
151 89.8 59.4 89.0#



#10
Methyl Iodide
Concen: 1.881 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 7.957 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX029871.D

Acq: 29 Jun 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

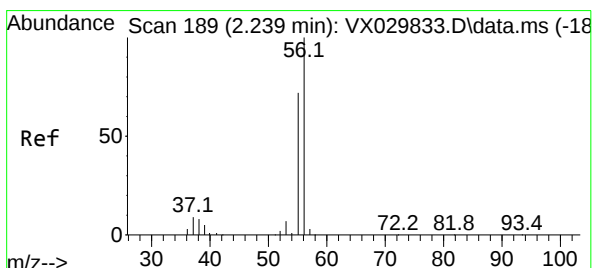
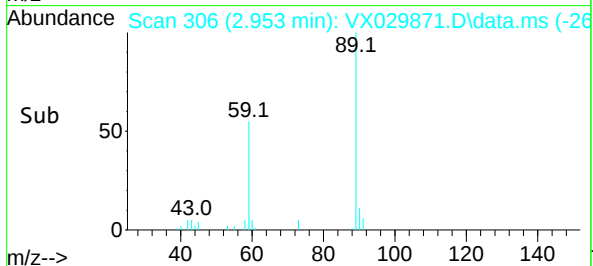
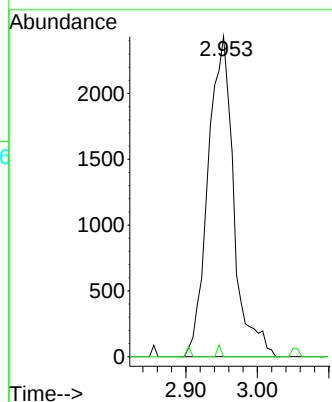
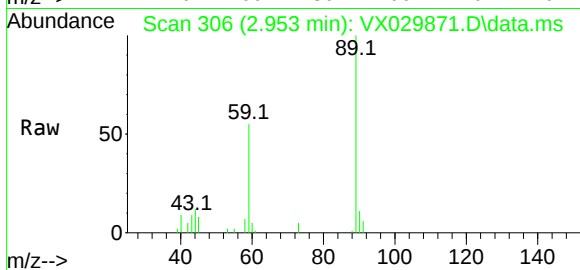
RE120D3-20220623DL

Tgt Ion: 59 Resp: 6071

Ion Ratio Lower Upper

59 100

57 0.5 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX029871.D

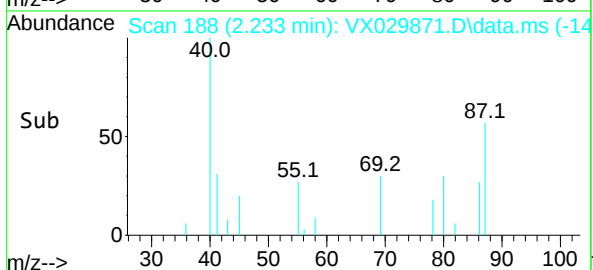
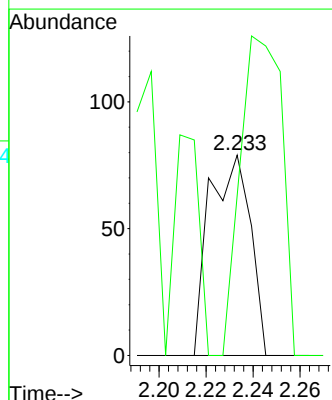
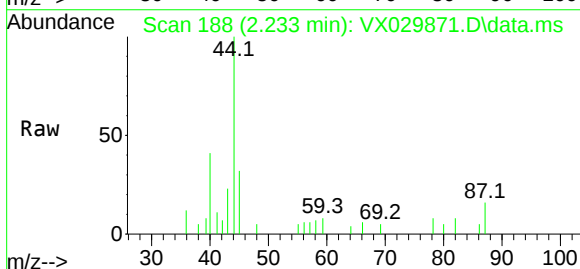
Acq: 29 Jun 2022 18:50

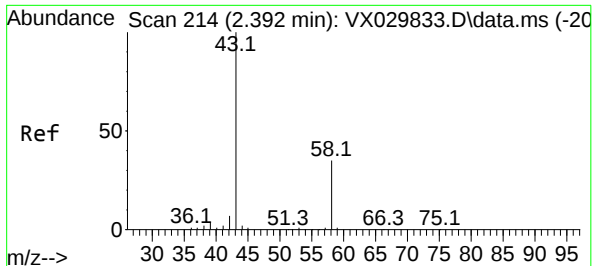
Tgt Ion: 56 Resp: 95

Ion Ratio Lower Upper

56 100

55 163.2 56.6 84.8#

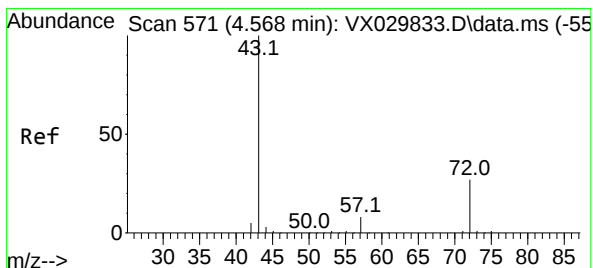
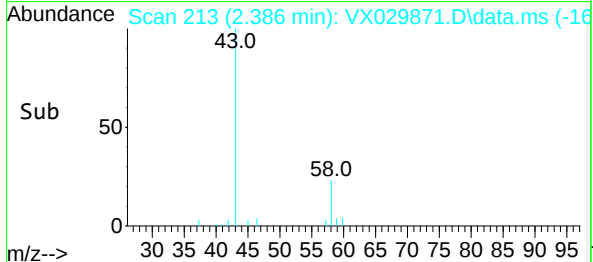
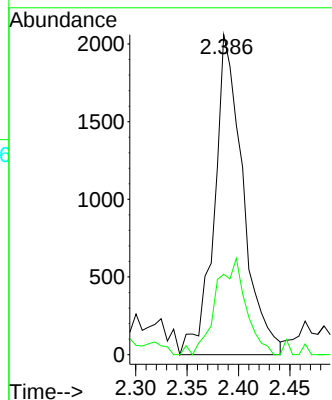
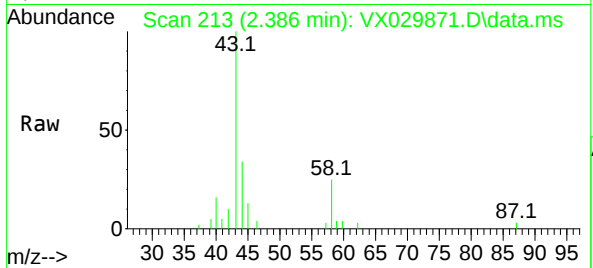




#16
Acetone
Concen: 2.791 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

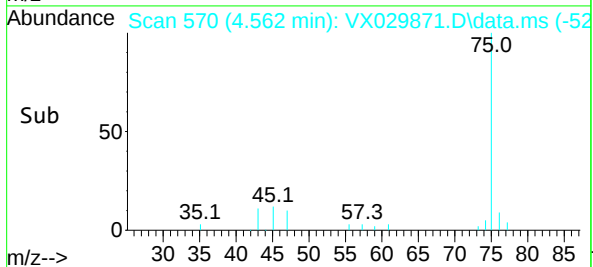
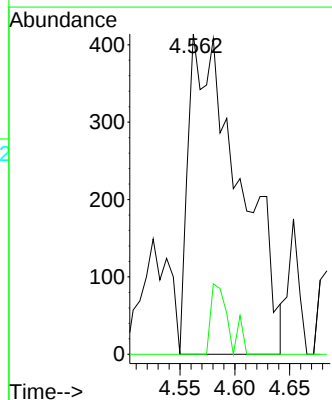
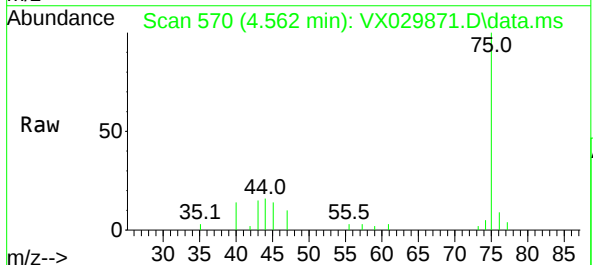
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623DL

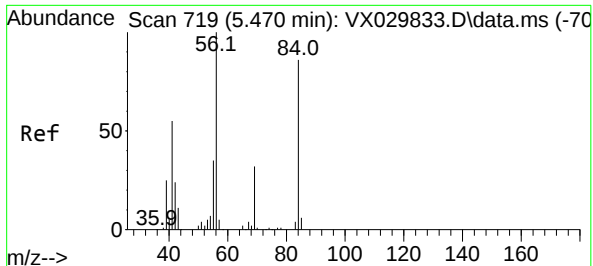
Tgt Ion: 43 Resp: 3983
Ion Ratio Lower Upper
43 100
58 25.1 27.7 41.5#



#25
2-Butanone
Concen: 0.541 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

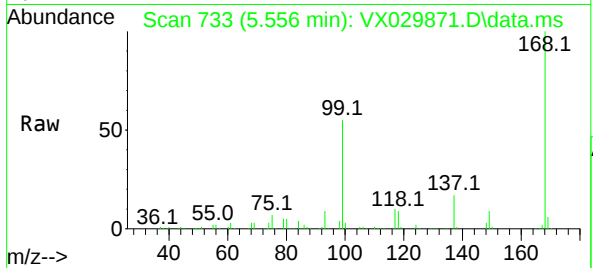
Tgt Ion: 43 Resp: 1341
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





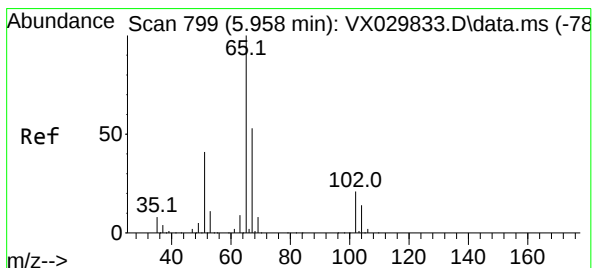
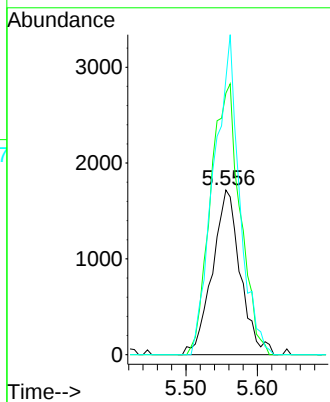
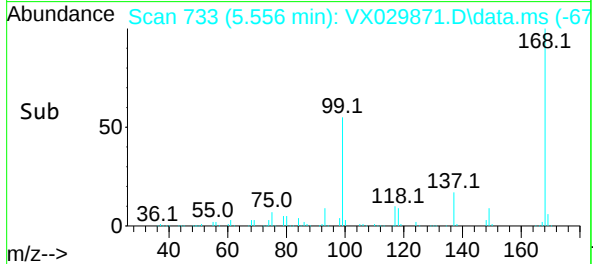
#31
Cyclohexane
Concen: 1.147 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623DL

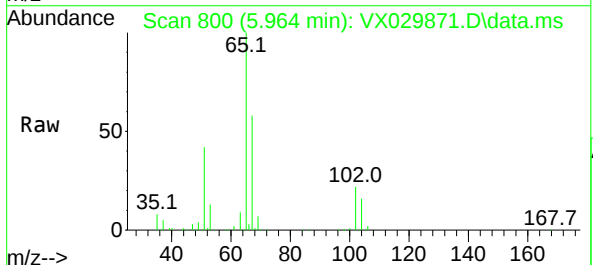


Tgt Ion: 56 Resp: 4664

Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.4	38.0#
84	167.4	68.9	103.3#

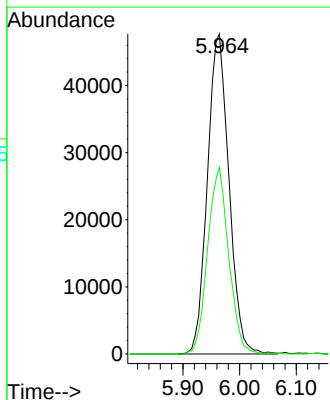
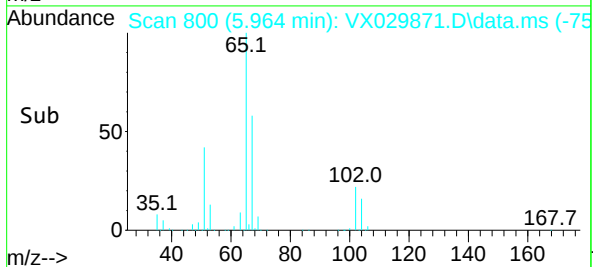


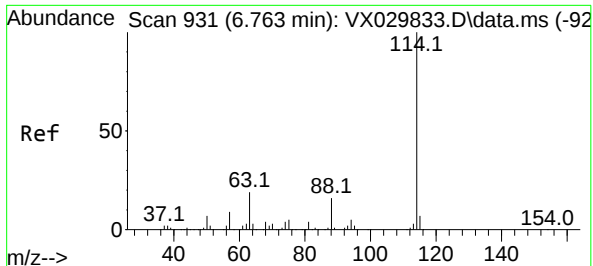
#33
1,2-Dichloroethane-d4
Concen: 43.128 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50



Tgt Ion: 65 Resp: 125821

Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	109.6

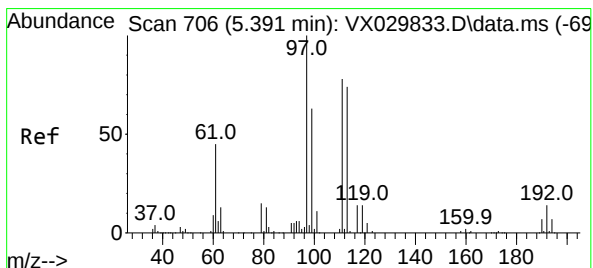
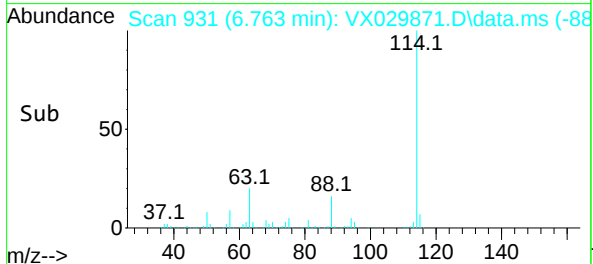
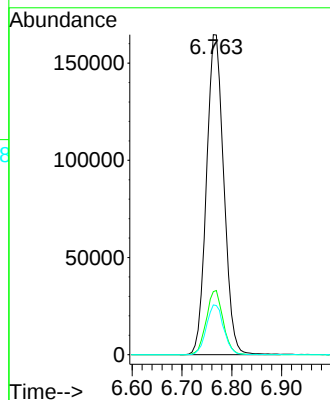
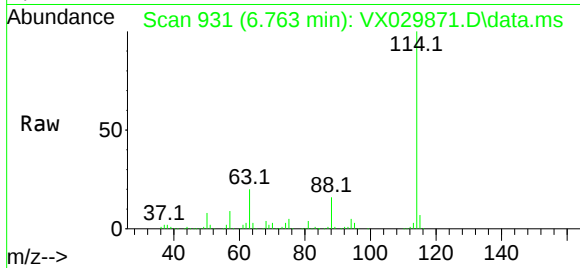




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

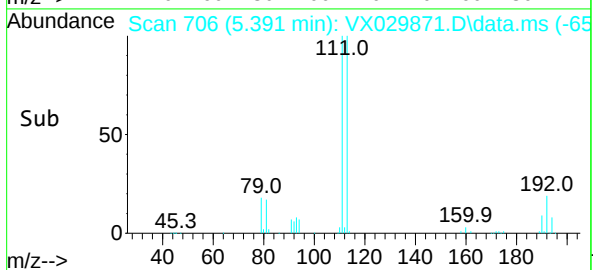
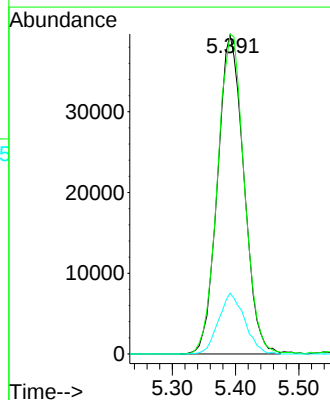
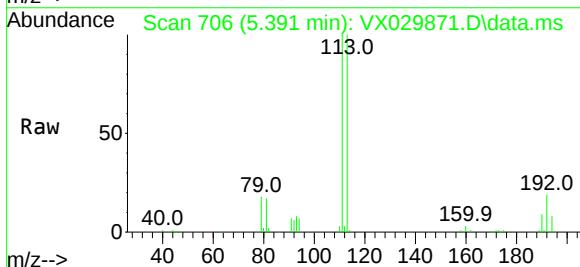
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MSVOA_X
ClientSampleId :
RE120D3-20220623DL

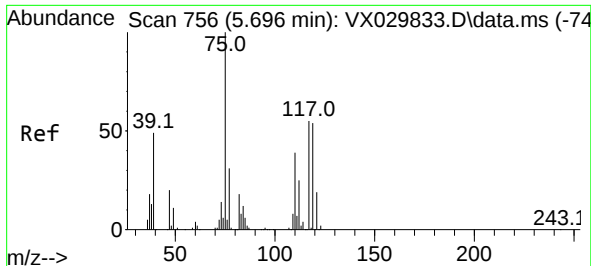
Tgt Ion:114 Resp: 396389
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.993 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

Tgt Ion:113 Resp: 113936
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 18.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.190 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX029871.D

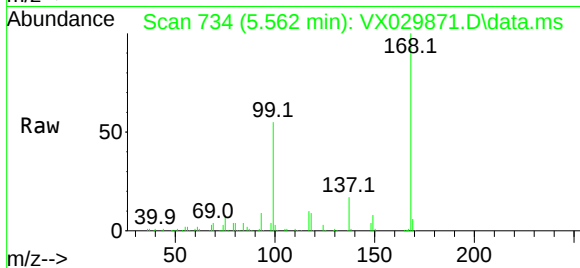
Acq: 29 Jun 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20220623DL



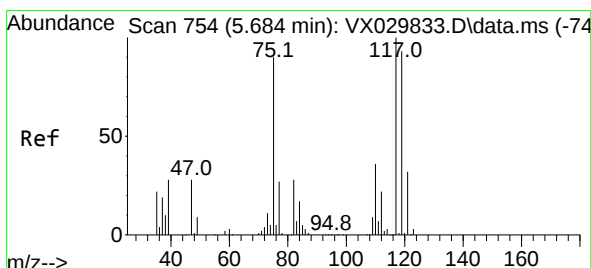
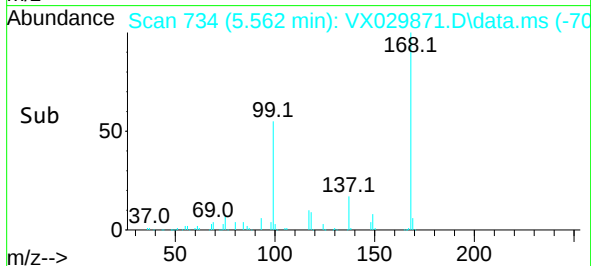
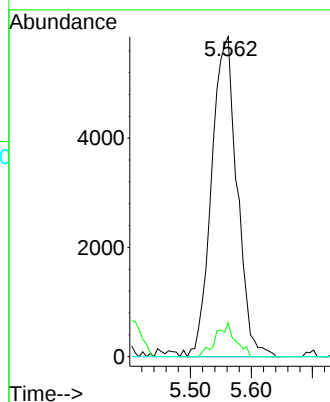
Tgt Ion: 75 Resp: 17099

Ion Ratio Lower Upper

75 100

110 8.1 19.3 57.9#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.633 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029871.D

Acq: 29 Jun 2022 18:50

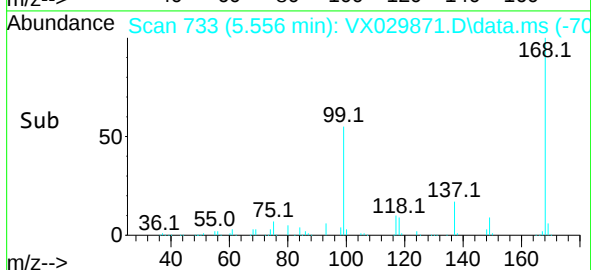
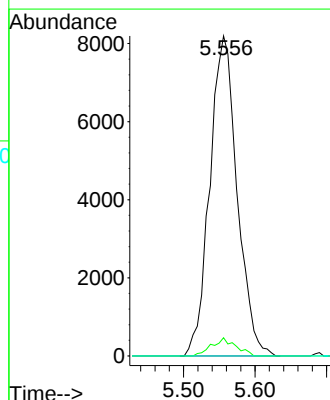
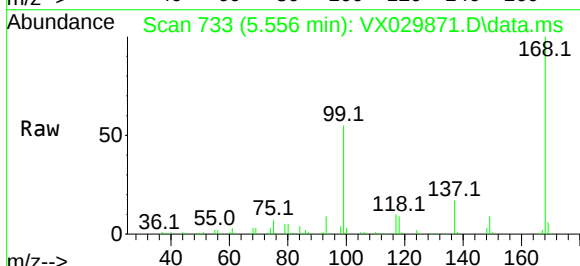
Tgt Ion: 117 Resp: 21791

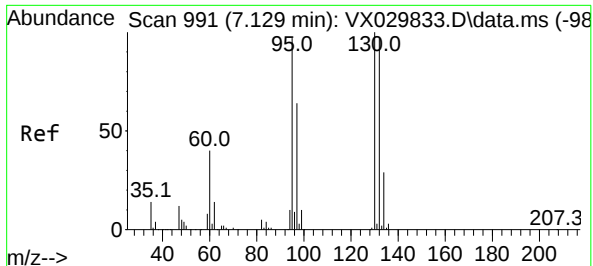
Ion Ratio Lower Upper

117 100

119 5.7 74.1 111.1#

121 0.0 25.8 38.8#

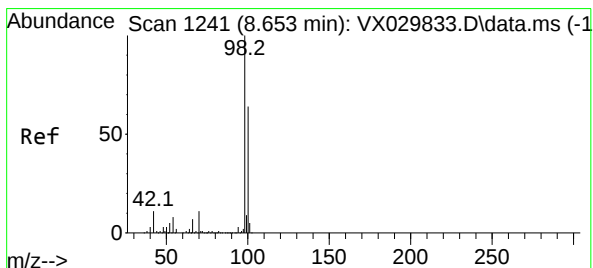
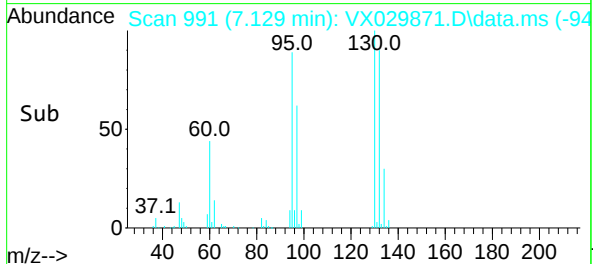
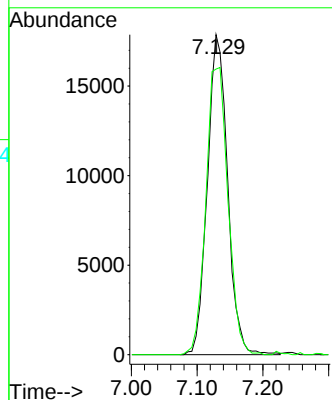
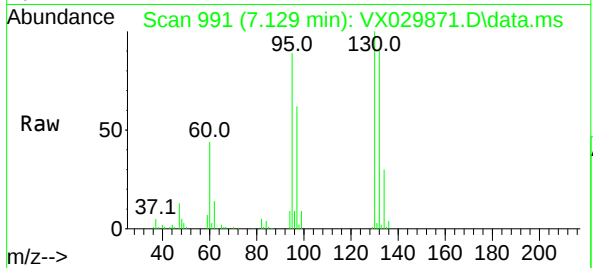




#44
Trichloroethene
Concen: 13.342 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

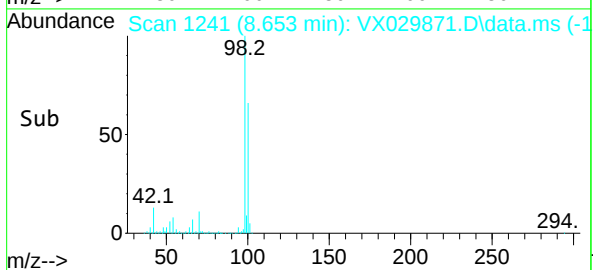
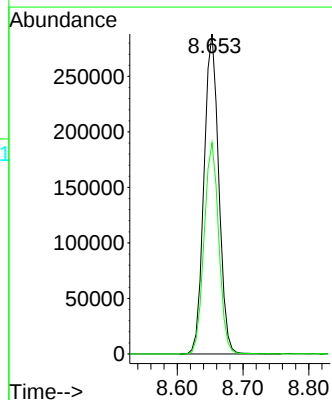
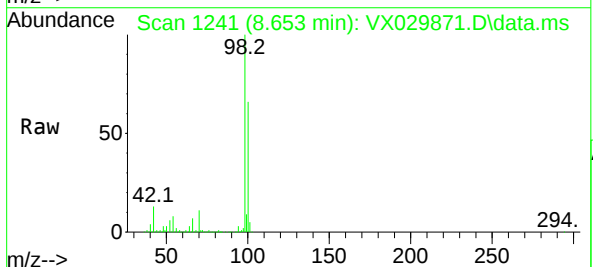
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623DL

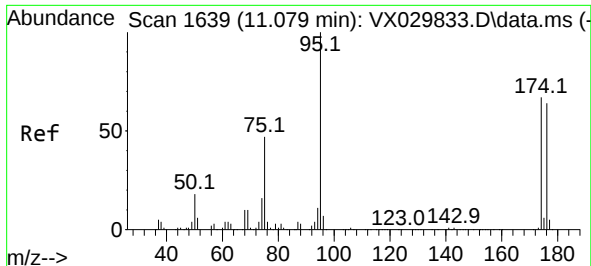
Tgt Ion:130 Resp: 38281
Ion Ratio Lower Upper
130 100
95 89.2 0.0 194.8



#50
Toluene-d8
Concen: 48.343 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

Tgt Ion: 98 Resp: 449265
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.789 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029871.D

Acq: 29 Jun 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20220623DL

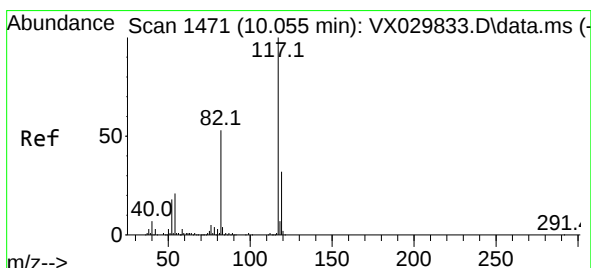
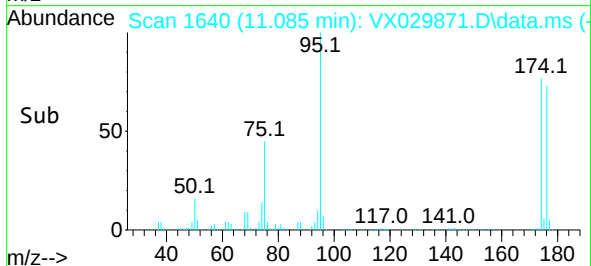
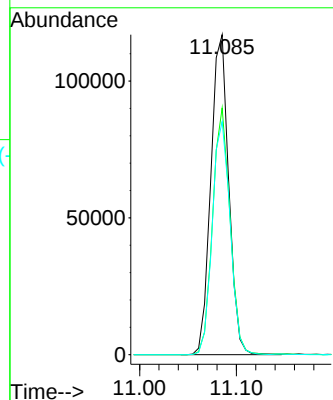
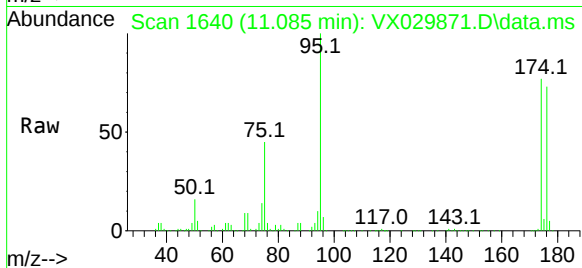
Tgt Ion: 95 Resp: 150419

Ion Ratio Lower Upper

95 100

174 74.9 0.0 149.0

176 72.9 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029871.D

Acq: 29 Jun 2022 18:50

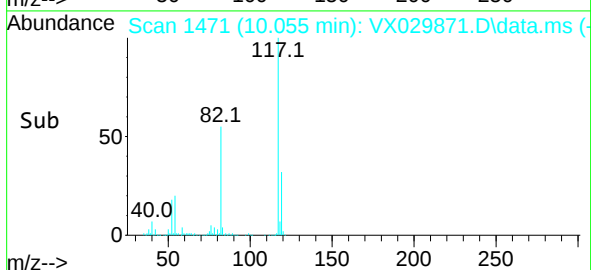
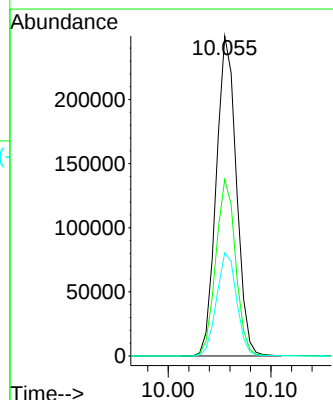
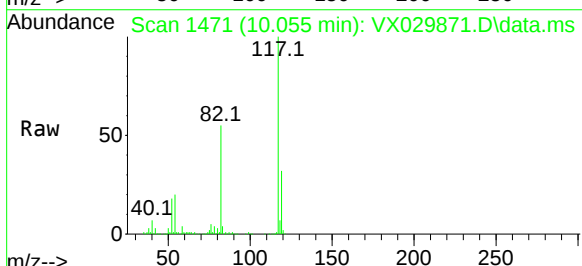
Tgt Ion: 117 Resp: 338578

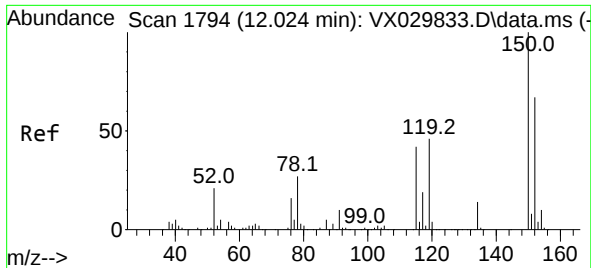
Ion Ratio Lower Upper

117 100

82 55.2 42.7 64.1

119 32.3 25.4 38.2

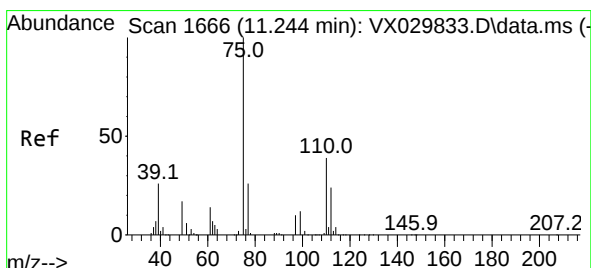
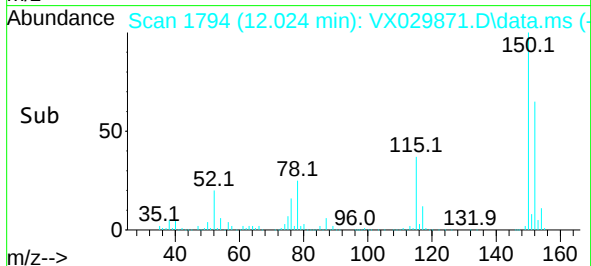
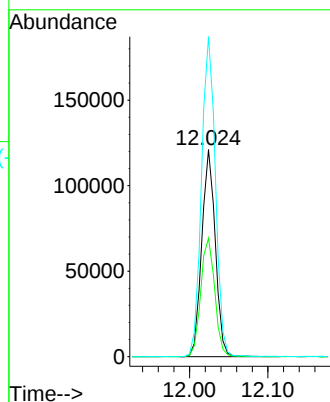
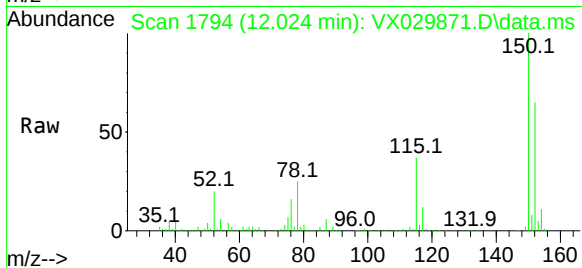




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

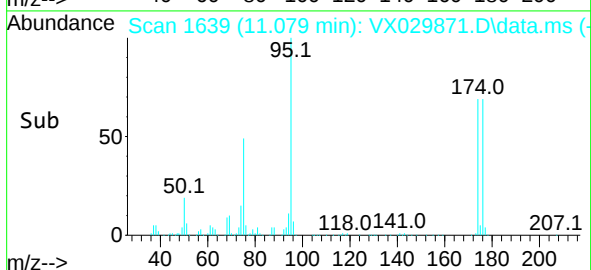
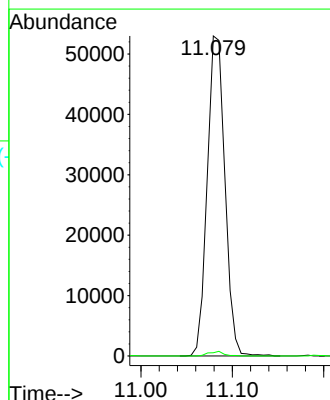
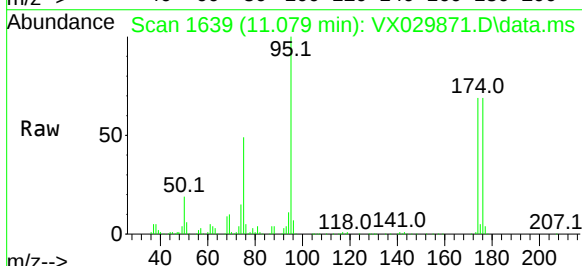
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220623DL

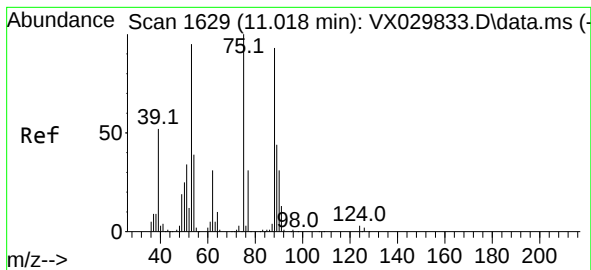
Tgt Ion:152 Resp: 145183
Ion Ratio Lower Upper
152 100
115 59.3 40.5 121.5
150 158.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 20.432 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029871.D
Acq: 29 Jun 2022 18:50

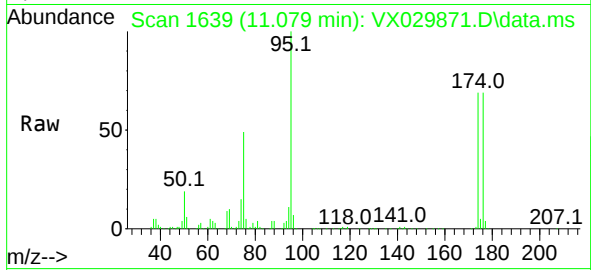
Tgt Ion: 75 Resp: 71012
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.888 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029871.D
 Acq: 29 Jun 2022 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220623DL



Tgt Ion: 75 Resp: 71012
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

