

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029503.D
 Acq On : 15 Jun 2022 11:02
 Operator : JC/MD
 Sample : VX0615MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBL01

Quant Time: Jun 15 15:37:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

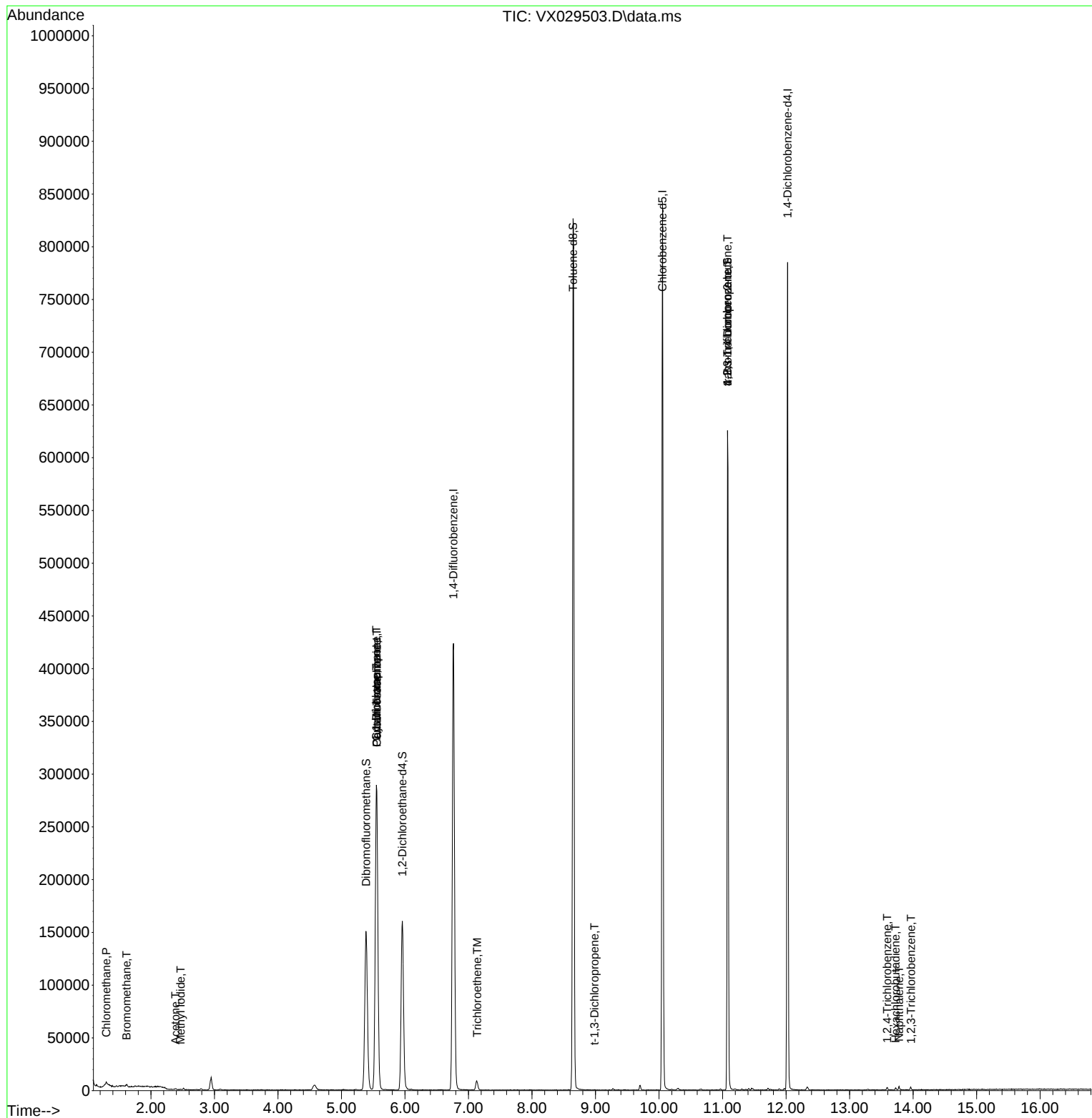
Internal Standards						
1) Pentafluorobenzene	5.556	168	275599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	451911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	382820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157744	37.150	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	74.300%
35) Dibromofluoromethane	5.385	113	134569	35.027	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	70.060%
50) Toluene-d8	8.647	98	509314	37.484	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	74.960%
62) 4-Bromofluorobenzene	11.079	95	178530	33.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	67.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1780	0.381	ug/l #	87
5) Bromomethane	1.618	94	775	0.299	ug/l #	80
6) Chloroethane	1.685	64	104	Below Cal	#	43
10) Methyl Iodide	2.465	142	528	1.333	ug/l #	81
11) Tert butyl alcohol	2.947	59	6441	Below Cal	#	72
16) Acetone	2.386	43	929	0.417	ug/l	97
31) Cyclohexane	5.550	56	5523	0.739	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21230	3.345	ug/l #	50
38) Carbon Tetrachloride	5.556	117	29151	4.494	ug/l #	16
41) Methacrylonitrile	5.032	41	109	Below Cal	#	27
44) Trichloroethene	7.135	130	3804	0.740	ug/l	93
53) t-1,3-Dichloropropene	8.982	75	179	1.342	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	86038	22.667	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86038	69.590	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	892	0.266	ug/l	86
94) Hexachlorobutadiene	13.725	225	440	0.315	ug/l	81
95) Naphthalene	13.780	128	2566	0.217	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.969	180	784	0.234	ug/l	93

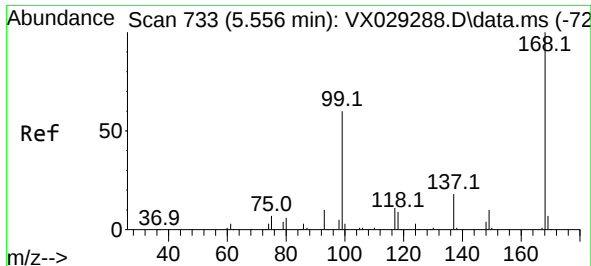
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

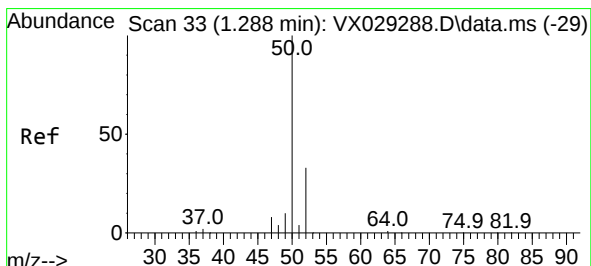
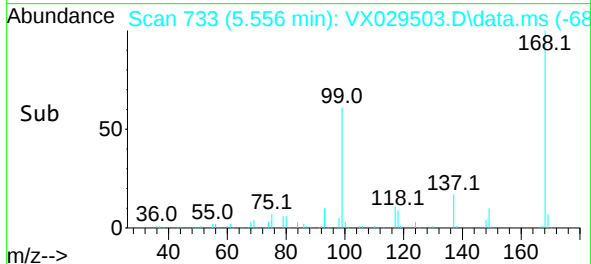
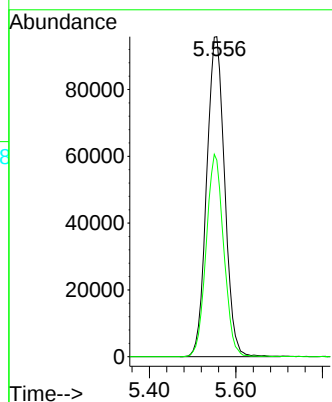
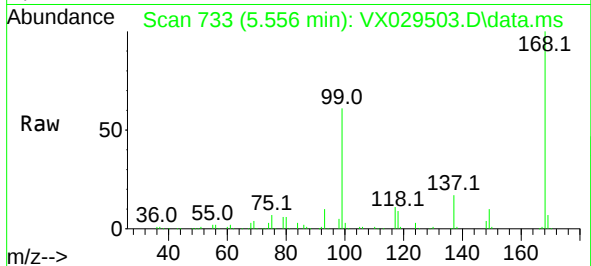




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

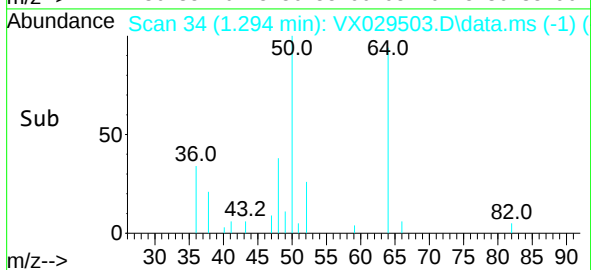
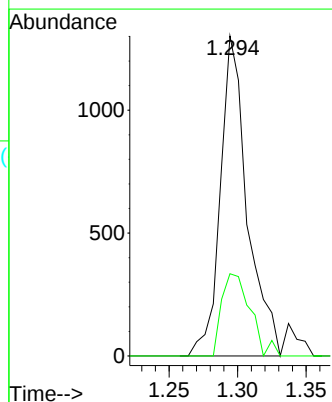
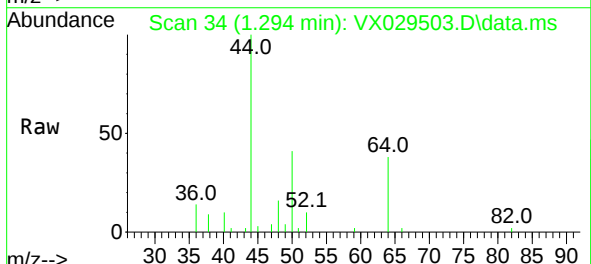
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

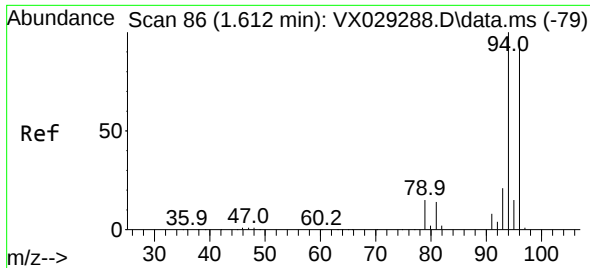
Tgt Ion:168 Resp: 275599
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 0.381 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Tgt Ion: 50 Resp: 1780
Ion Ratio Lower Upper
50 100
52 25.7 26.4 39.6#

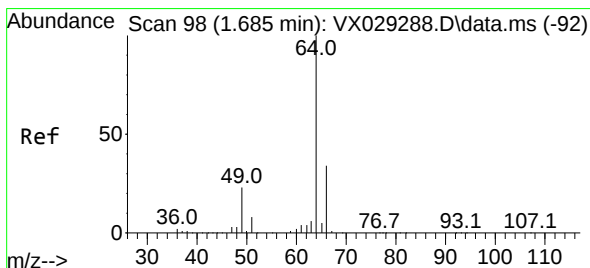
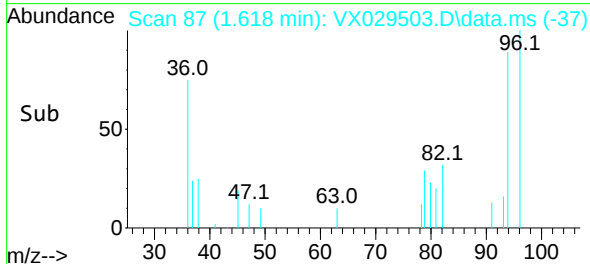
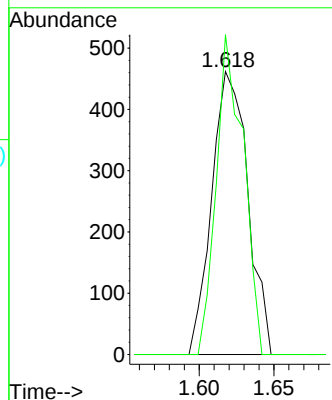
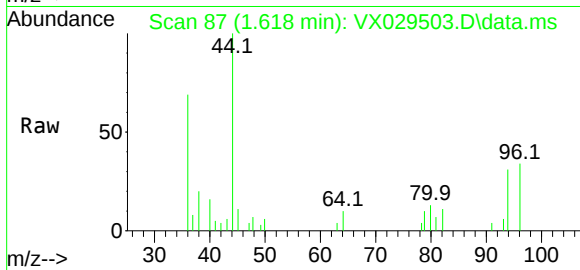




#5
Bromomethane
Concen: 0.299 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

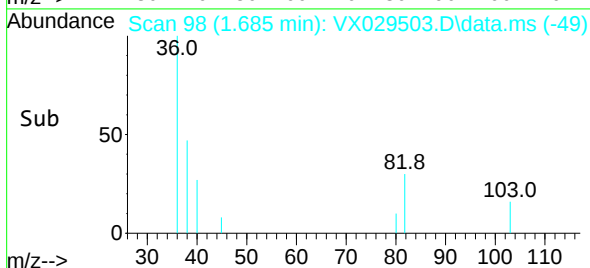
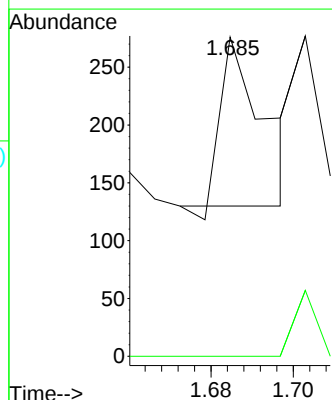
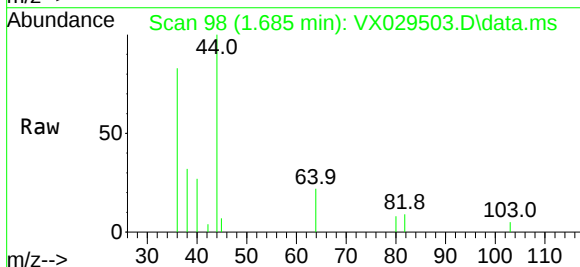
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

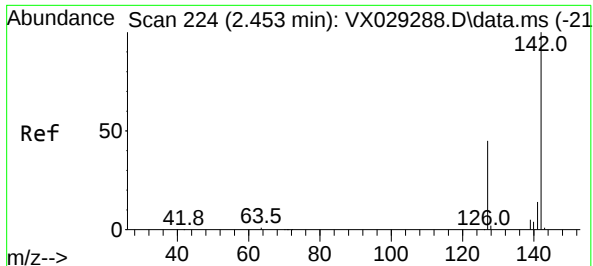
Tgt Ion: 94 Resp: 775
Ion Ratio Lower Upper
94 100
96 113.0 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

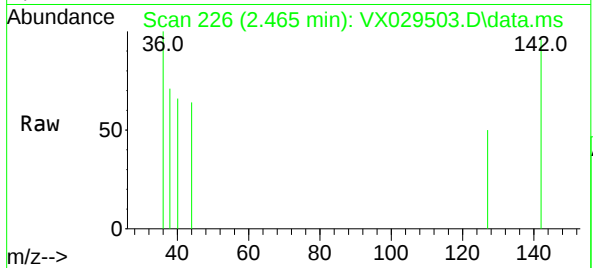
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



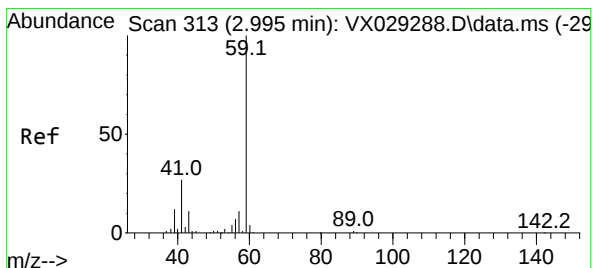
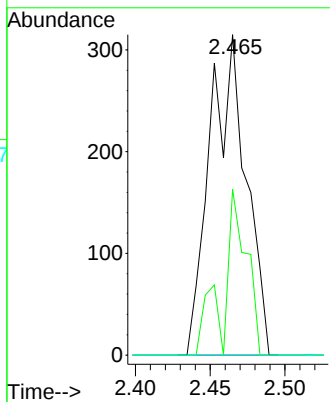
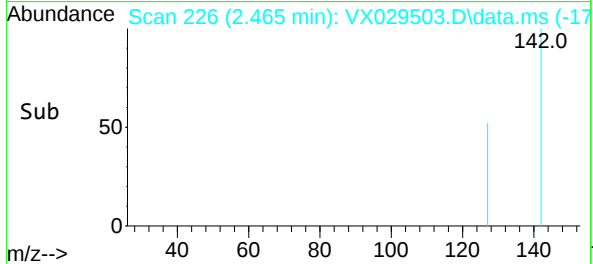


#10
Methyl Iodide
Concen: 1.333 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

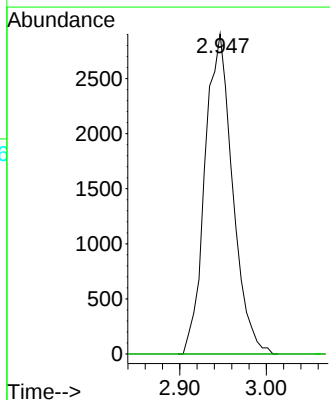
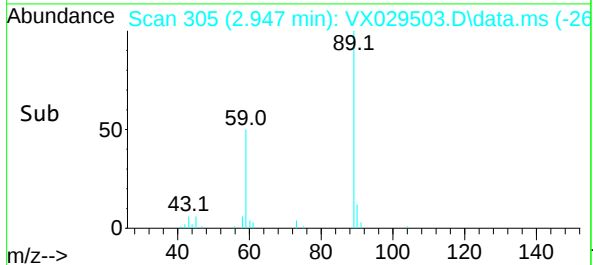
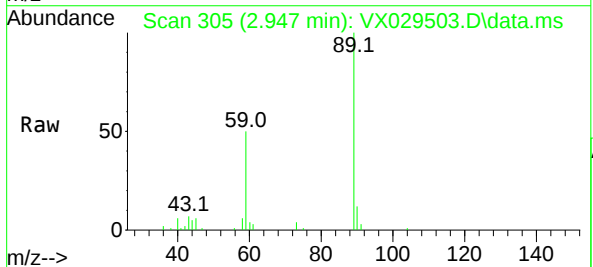


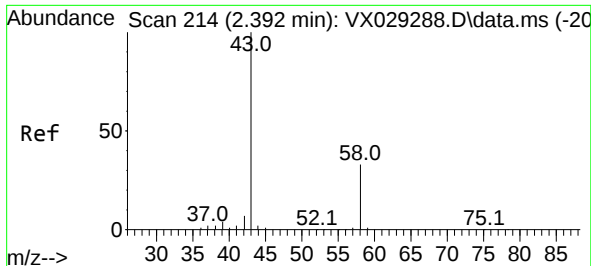
Tgt Ion:142 Resp: 528
Ion Ratio Lower Upper
142 100
127 34.1 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

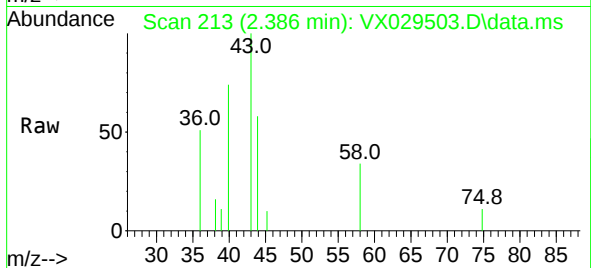
Tgt Ion: 59 Resp: 6441
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



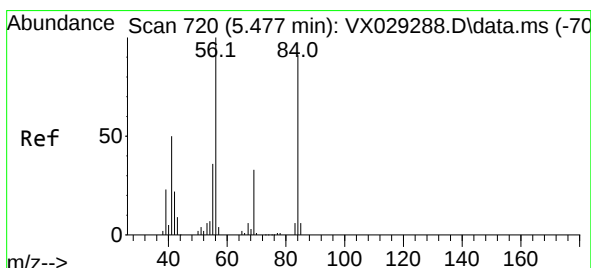
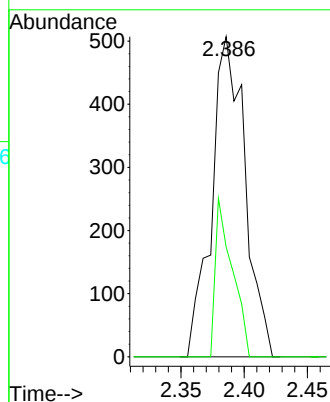
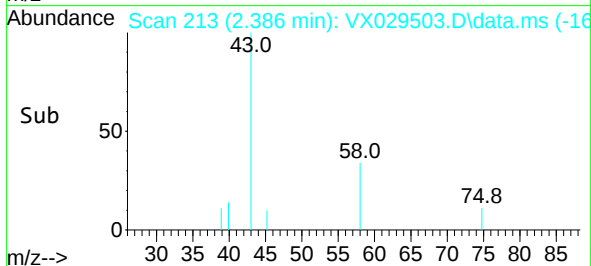


#16
Acetone
Concen: 0.417 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

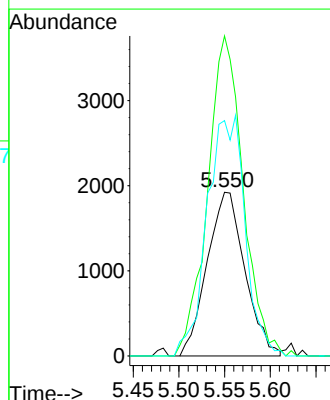
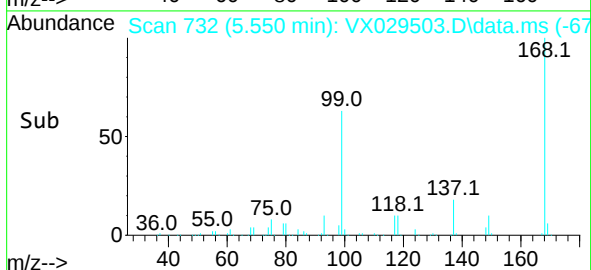
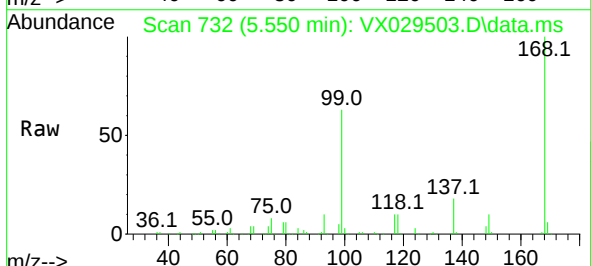


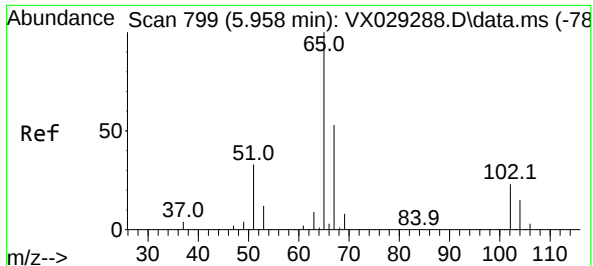
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 34.3 28.8 43.2



#31
Cyclohexane
Concen: 0.739 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Tgt Ion: 56 Resp: 5523
Ion Ratio Lower Upper
56 100
69 191.5 26.7 40.1#
84 140.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 37.150 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029503.D

Acq: 15 Jun 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

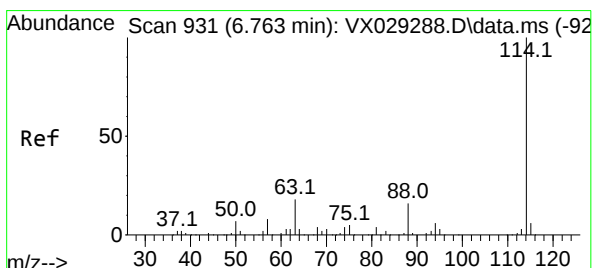
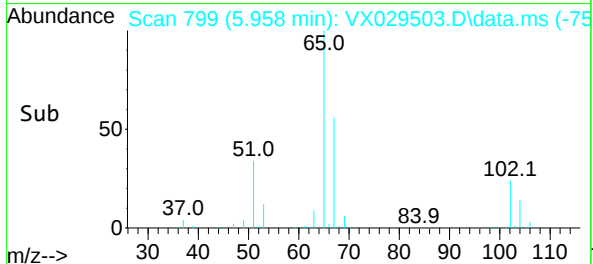
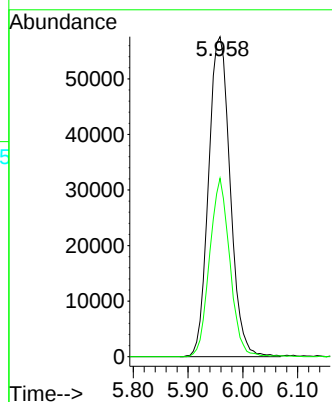
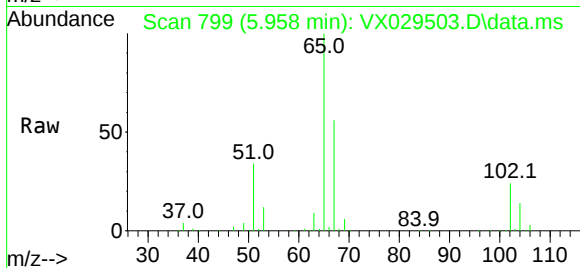
VX0615WBL01

Tgt Ion: 65 Resp: 157744

Ion Ratio Lower Upper

65 100

67 52.1 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: VX029503.D

Acq: 15 Jun 2022 11:02

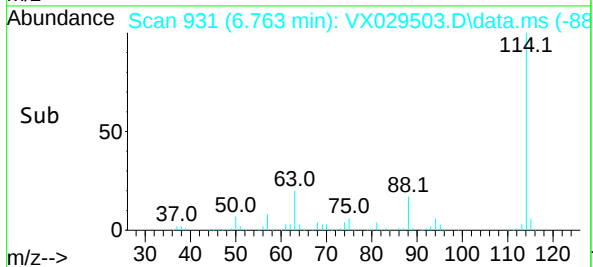
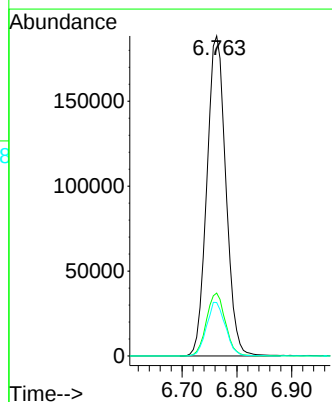
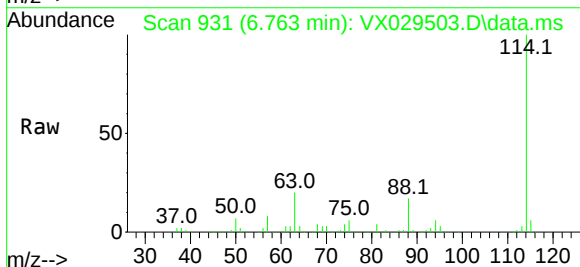
Tgt Ion: 114 Resp: 451911

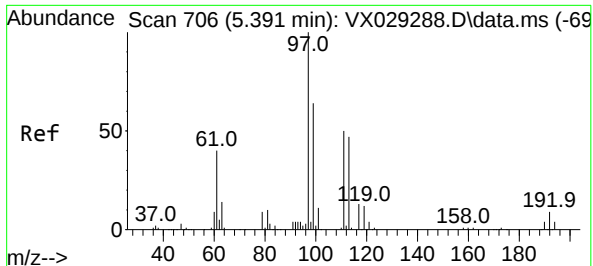
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.027 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029503.D

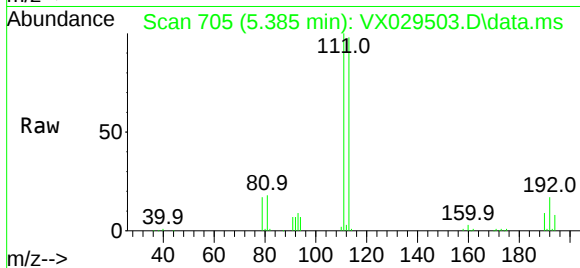
Acq: 15 Jun 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBL01



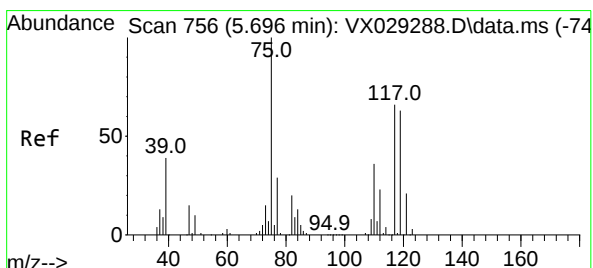
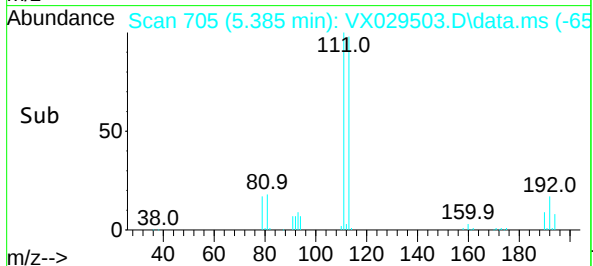
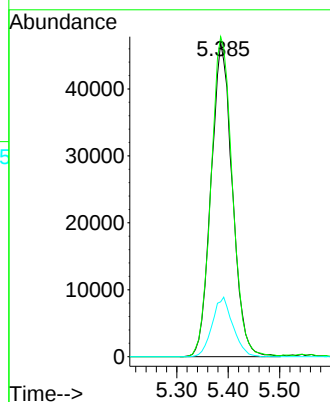
Tgt Ion:113 Resp: 134569

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 18.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.345 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029503.D

Acq: 15 Jun 2022 11:02

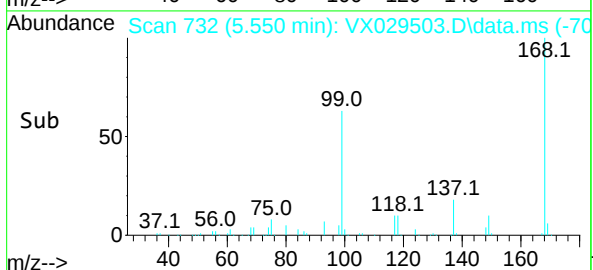
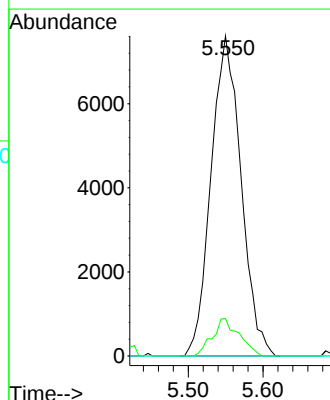
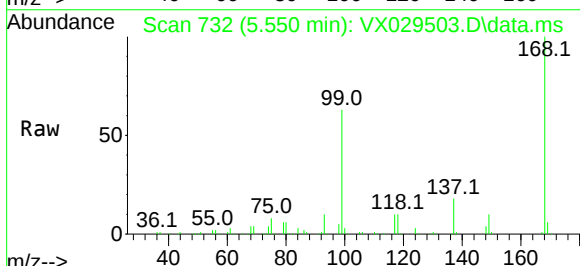
Tgt Ion: 75 Resp: 21230

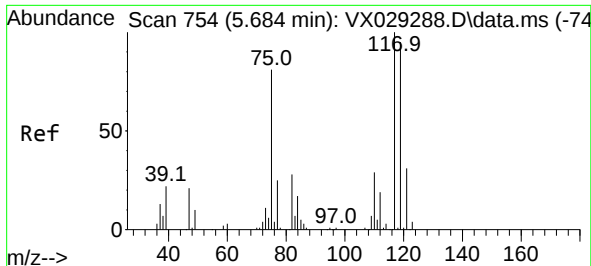
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

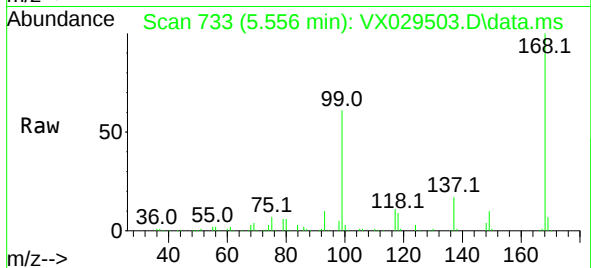
77 0.0 24.8 37.2#



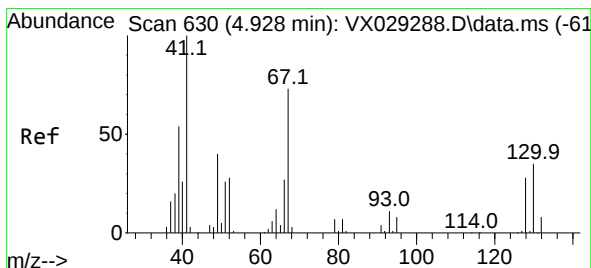
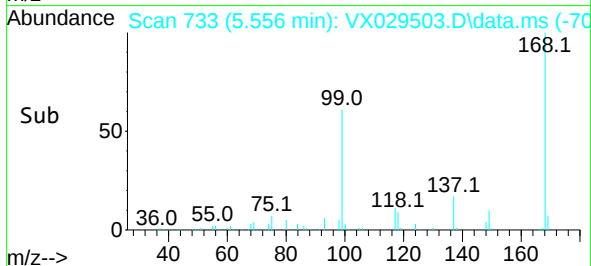
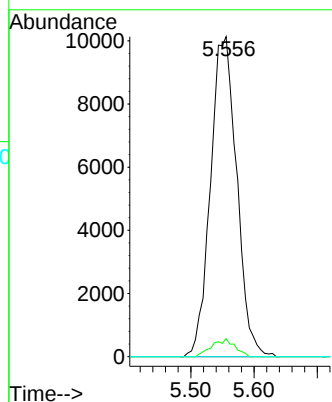


#38
Carbon Tetrachloride
Concen: 4.494 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

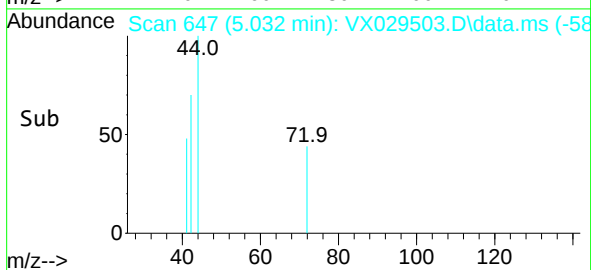
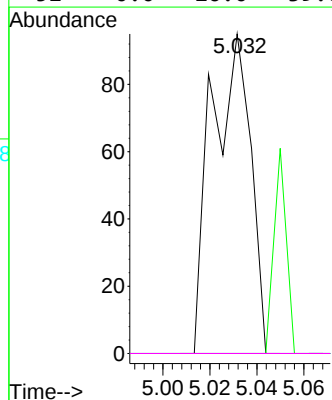
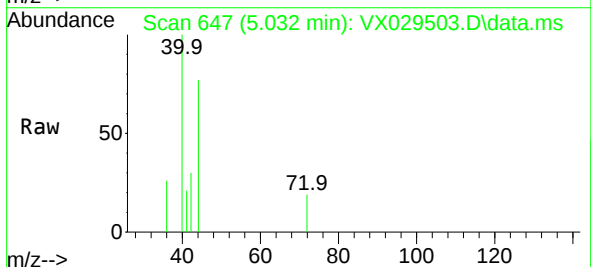


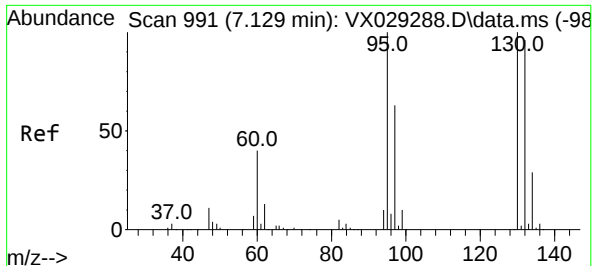
Tgt Ion:117 Resp: 29151
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Tgt Ion: 41 Resp: 109
Ion Ratio Lower Upper
41 100
39 20.2 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

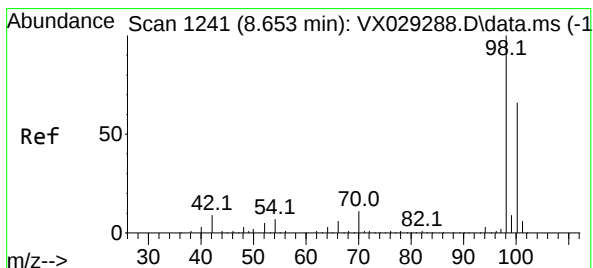
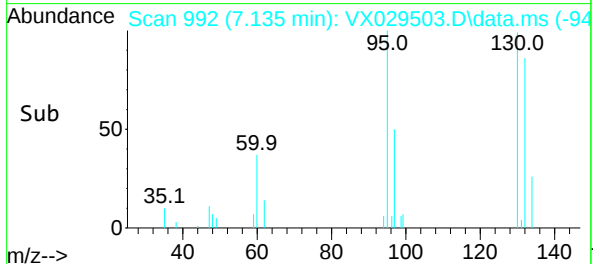
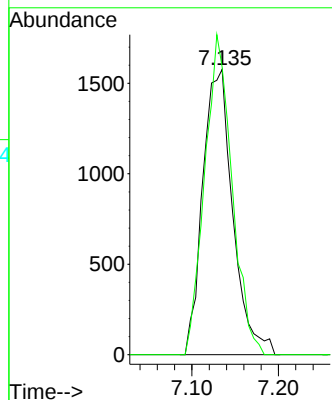
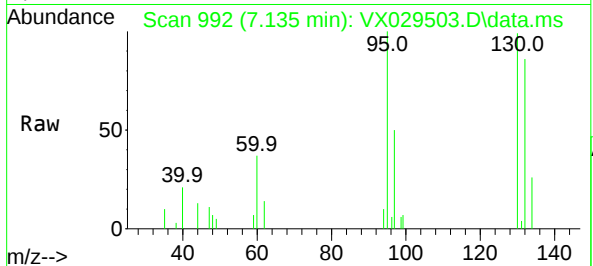




#44
 Trichloroethene
 Concen: 0.740 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX029503.D
 Acq: 15 Jun 2022 11:02

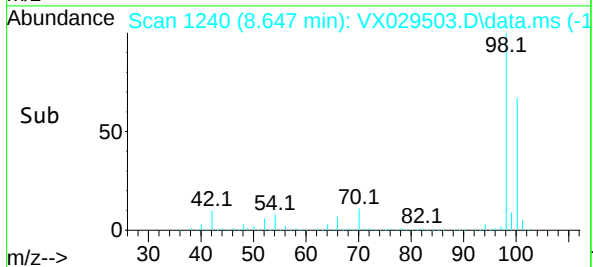
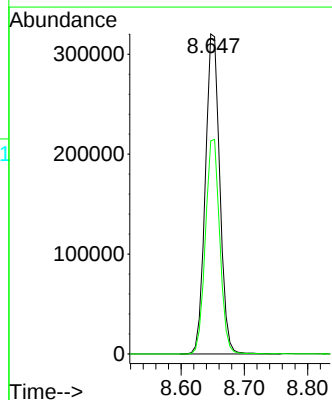
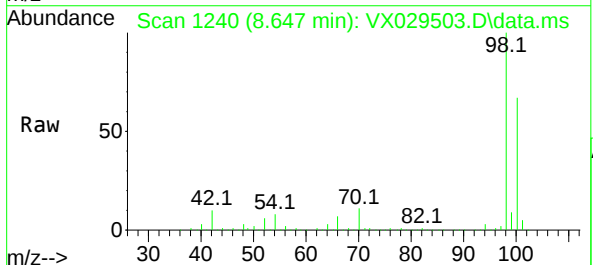
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBL01

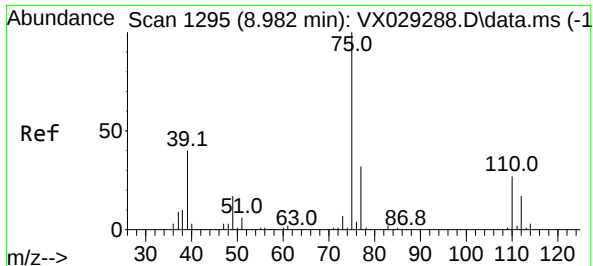
Tgt Ion:130 Resp: 3804
 Ion Ratio Lower Upper
 130 100
 95 100.9 0.0 188.8



#50
 Toluene-d8
 Concen: 37.484 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX029503.D
 Acq: 15 Jun 2022 11:02

Tgt Ion: 98 Resp: 509314
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.6 78.8





#53

t-1,3-Dichloropropene

Concen: 1.342 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029503.D

Acq: 15 Jun 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

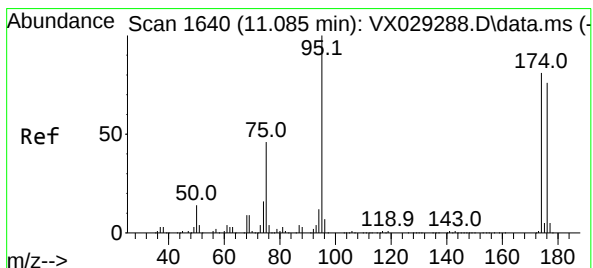
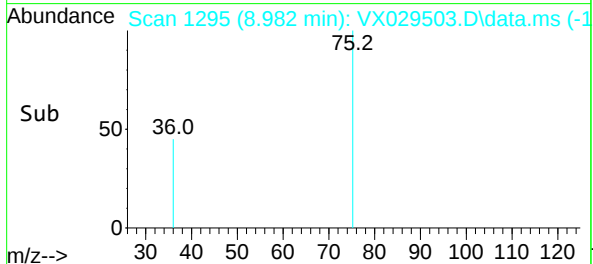
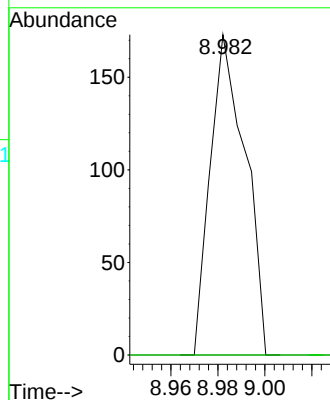
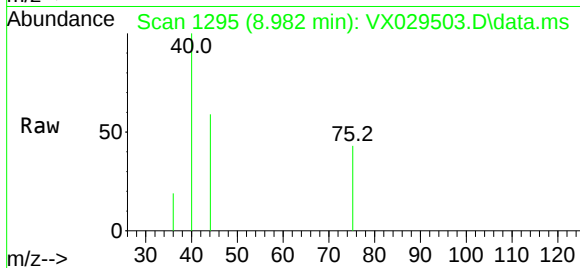
VX0615WBL01

Tgt Ion: 75 Resp: 179

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 33.575 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029503.D

Acq: 15 Jun 2022 11:02

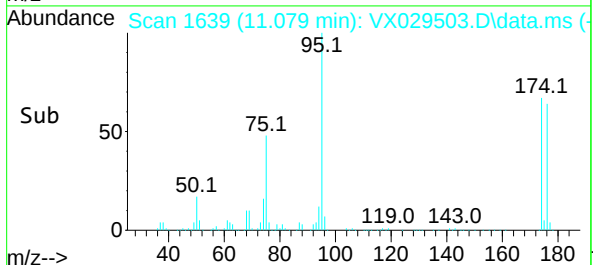
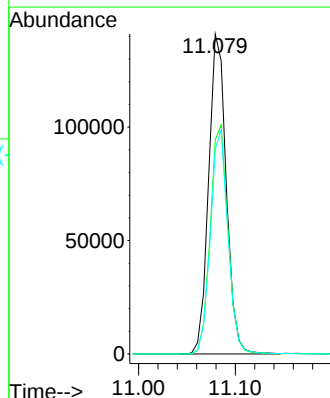
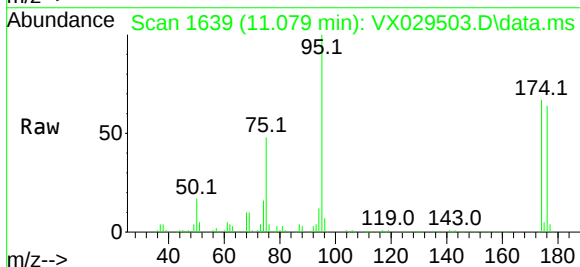
Tgt Ion: 95 Resp: 178530

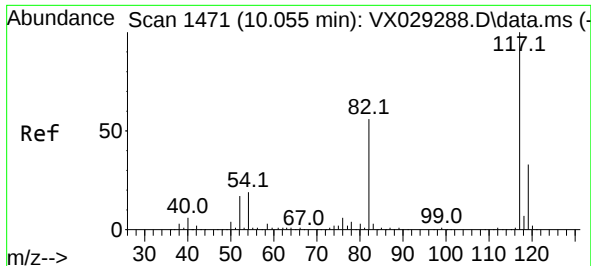
Ion Ratio Lower Upper

95 100

174 72.5 0.0 163.0

176 69.9 0.0 155.0

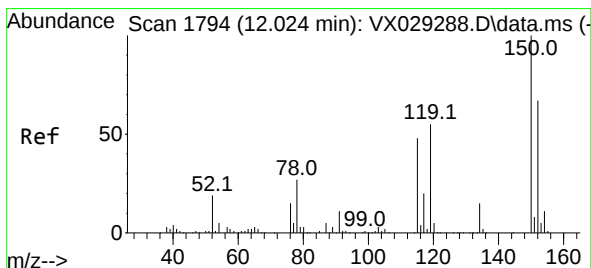
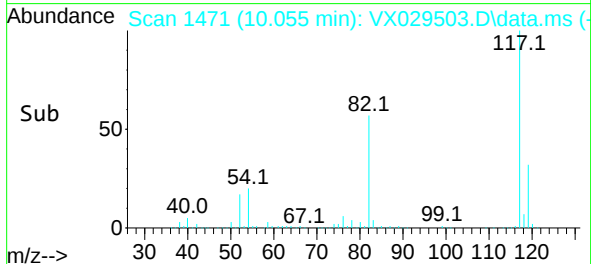
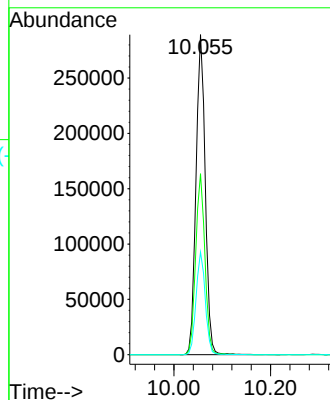
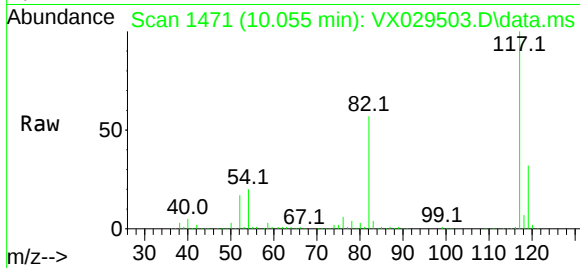




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

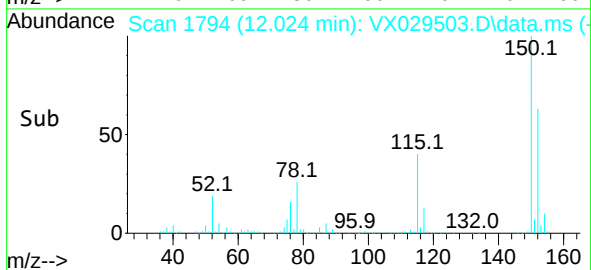
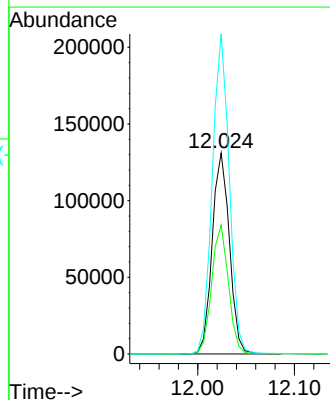
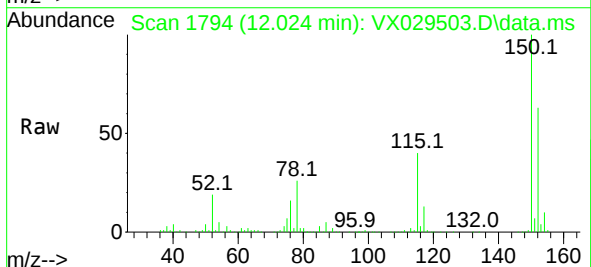
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

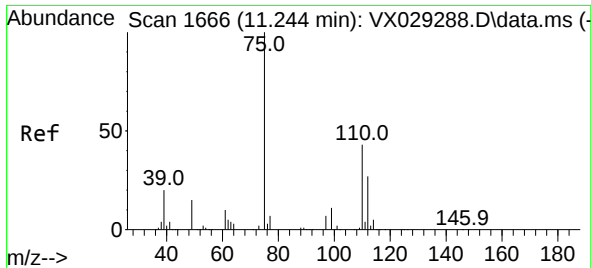
Tgt Ion:117 Resp: 382820
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.0 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Tgt Ion:152 Resp: 162509
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 156.7 0.0 338.2

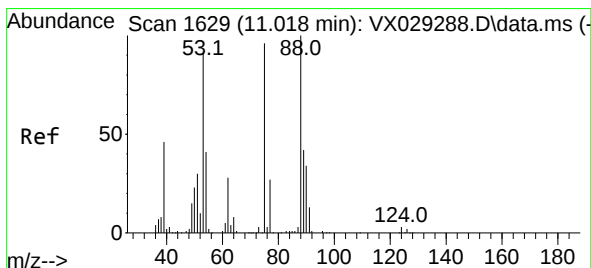
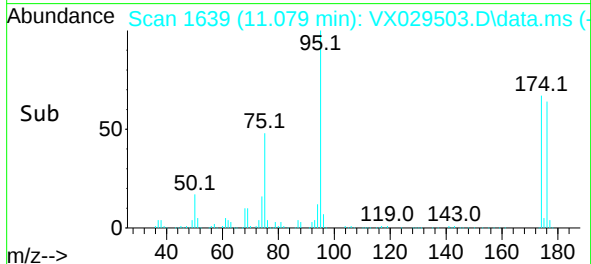
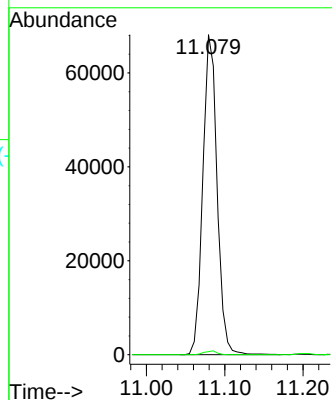
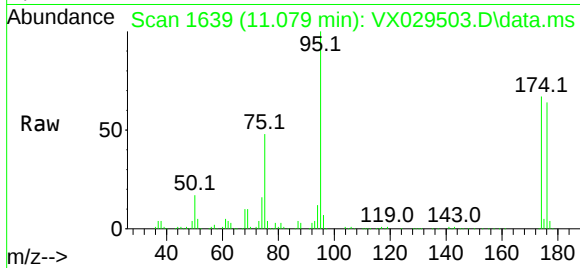




#76
1,2,3-Trichloropropane
Concen: 22.667 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

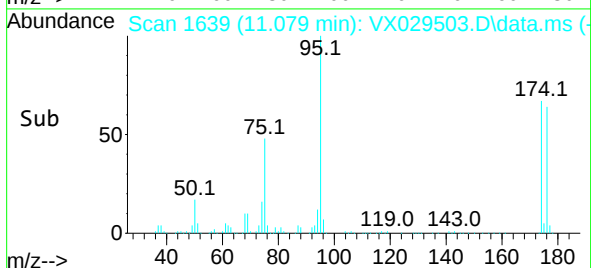
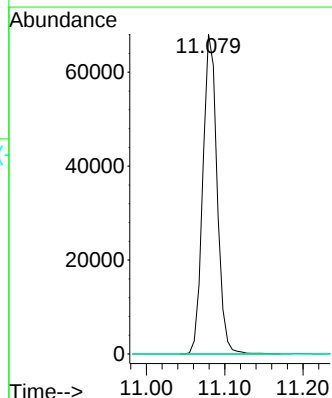
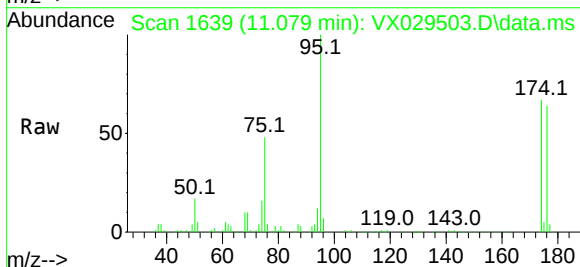
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

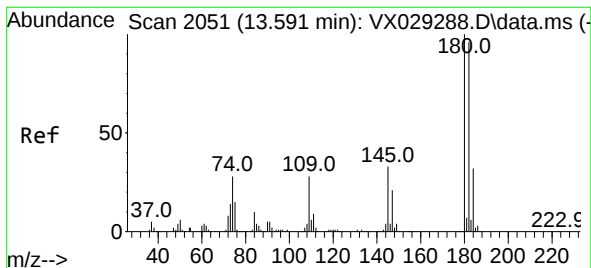
Tgt Ion: 75 Resp: 86038
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.590 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Tgt Ion: 75 Resp: 86038
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.266 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029503.D

Acq: 15 Jun 2022 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBL01

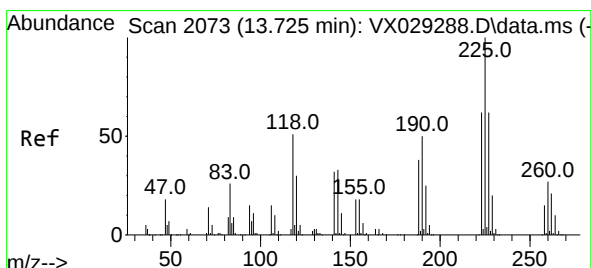
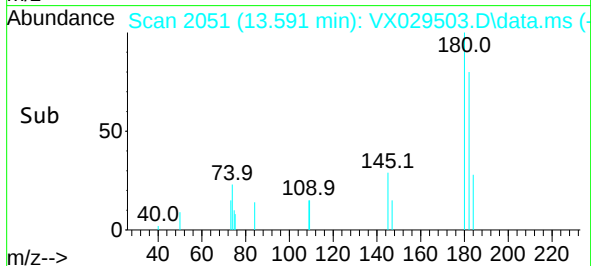
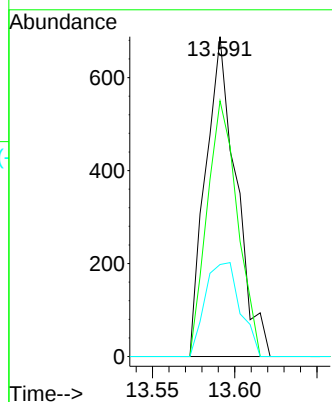
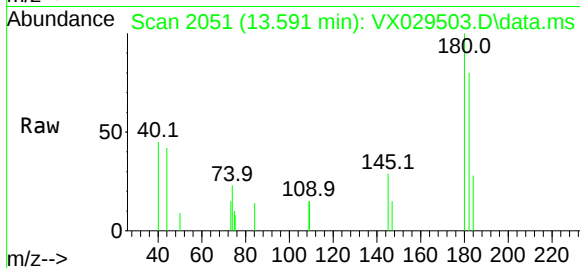
Tgt Ion:180 Resp: 892

Ion Ratio Lower Upper

180 100

182 79.0 47.7 143.1

145 33.4 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.315 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX029503.D

Acq: 15 Jun 2022 11:02

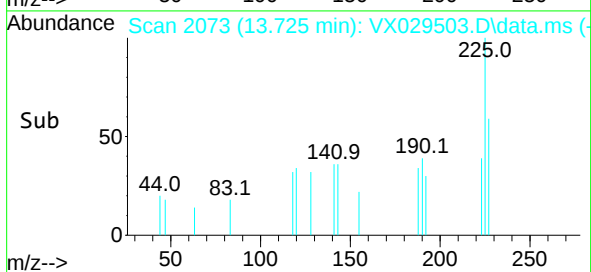
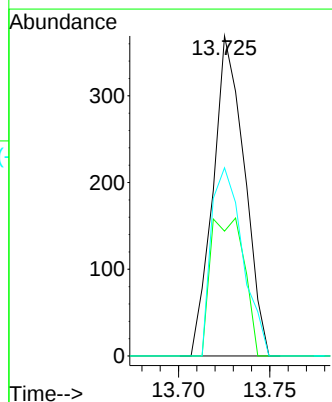
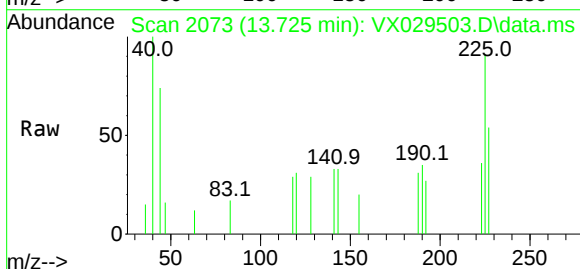
Tgt Ion:225 Resp: 440

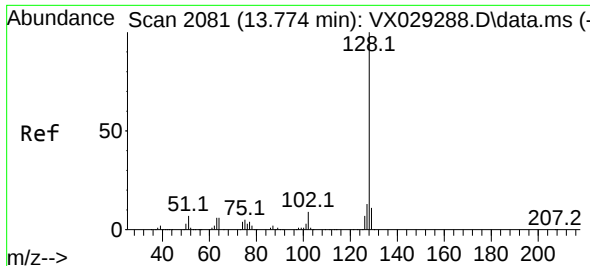
Ion Ratio Lower Upper

225 100

223 46.1 34.2 102.5

227 58.9 33.9 101.7

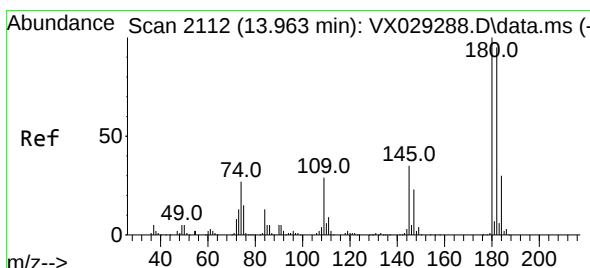
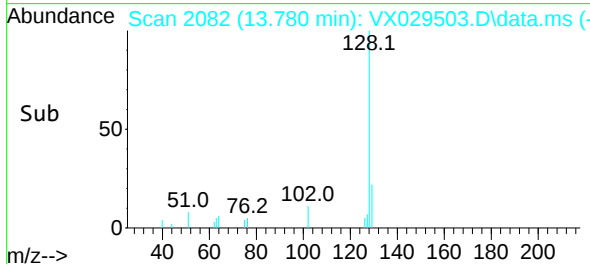
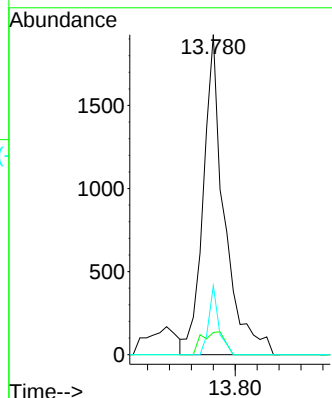
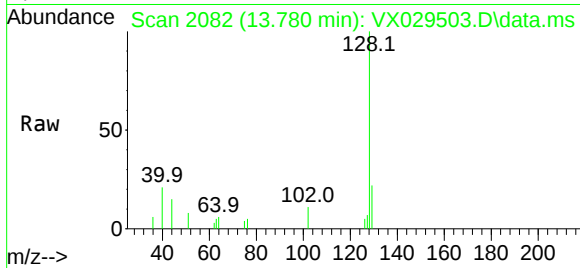




#95
Naphthalene
Concen: 0.217 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBL01

Tgt Ion:128 Resp: 2566
Ion Ratio Lower Upper
128 100
127 7.9 10.2 15.4#
129 10.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.234 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX029503.D
Acq: 15 Jun 2022 11:02

Tgt Ion:180 Resp: 784
Ion Ratio Lower Upper
180 100
182 92.9 50.0 149.8
145 29.6 16.2 48.5

