

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029293.D
 Acq On : 07 Jun 2022 23:11
 Operator : JC/MD
 Sample : VX0607WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBL02

Quant Time: Jun 08 03:18:26 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)

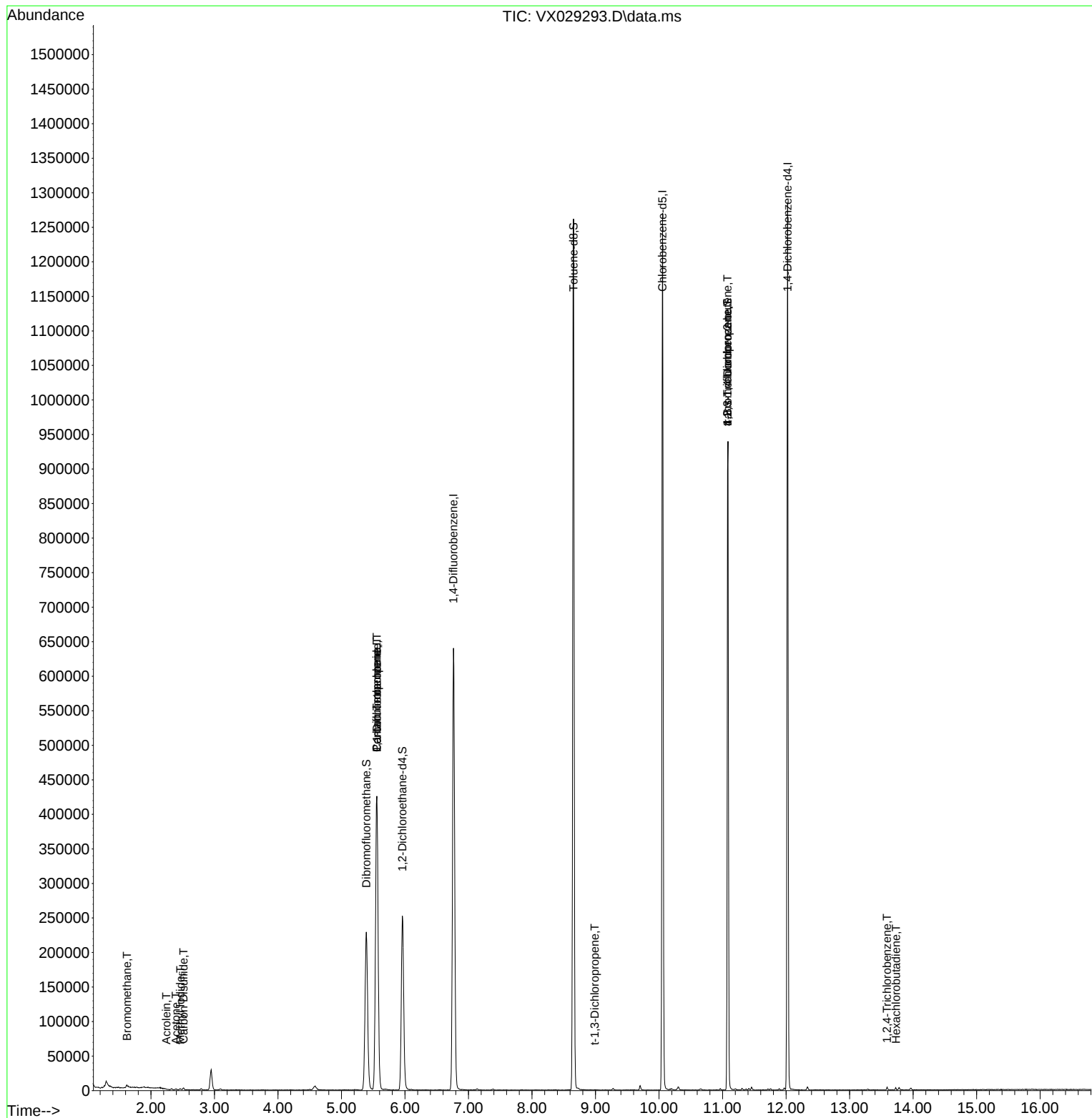
Internal Standards						
1) Pentafluorobenzene	5.556	168	401346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	666840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	585946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	241592	39.164	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	78.320%		
35) Dibromofluoromethane	5.391	113	200348	35.340	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	70.680%		
50) Toluene-d8	8.653	98	763709	38.090	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	76.180%		
62) 4-Bromofluorobenzene	11.079	95	273735	34.887	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	69.780%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	1836	0.486	ug/l	82
6) Chloroethane	1.685	64	179	Below Cal	#	54
10) Methyl Iodide	2.465	142	1887	1.476	ug/l	99
11) Tert butyl alcohol	2.947	59	16377	Below Cal	#	75
13) Acrolein	2.239	56	279	0.376	ug/l #	67
16) Acetone	2.392	43	1056	0.325	ug/l	98
17) Carbon Disulfide	2.514	76	3484	0.235	ug/l #	85
36) 1,1-Dichloropropene	5.556	75	31027	3.313	ug/l #	50
38) Carbon Tetrachloride	5.556	117	43354	4.529	ug/l #	15
41) Methacrylonitrile	5.050	41	44	Below Cal	#	38
53) t-1,3-Dichloropropene	8.988	75	225	1.338	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	133541	22.267	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	133541	68.399	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	1107	0.209	ug/l	98
94) Hexachlorobutadiene	13.731	225	556	0.252	ug/l	92

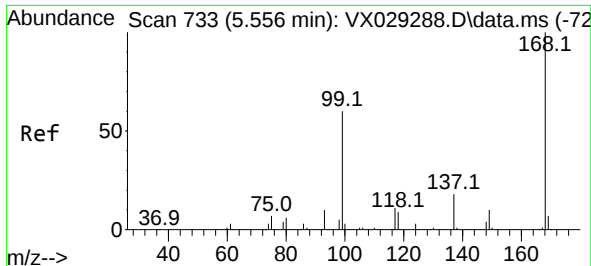
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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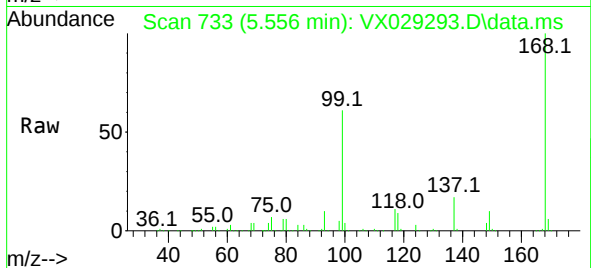
Quant Time: Jun 08 03:18:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
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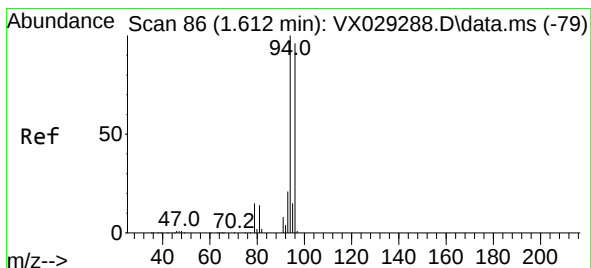
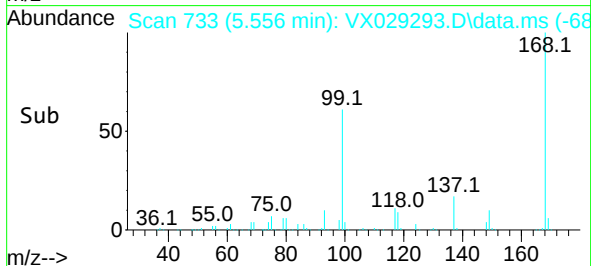
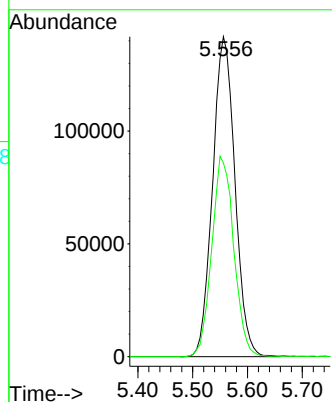


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

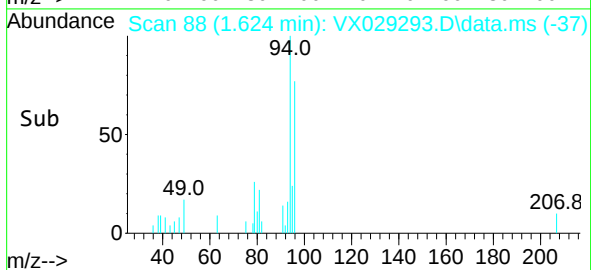
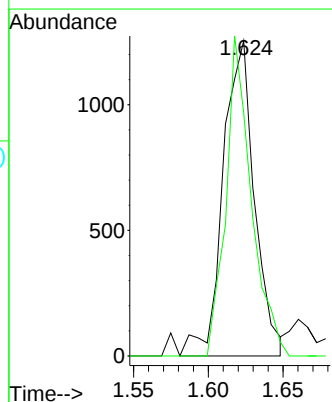
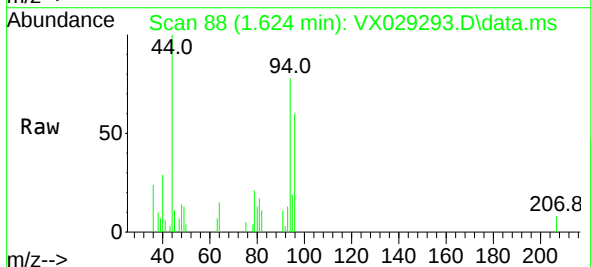


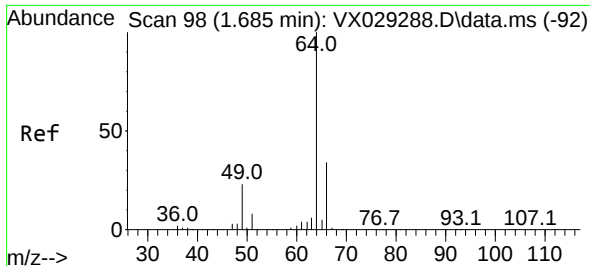
Tgt Ion:168 Resp: 401346
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5



#5
Bromomethane
Concen: 0.486 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion: 94 Resp: 1836
Ion Ratio Lower Upper
94 100
96 77.1 75.3 112.9

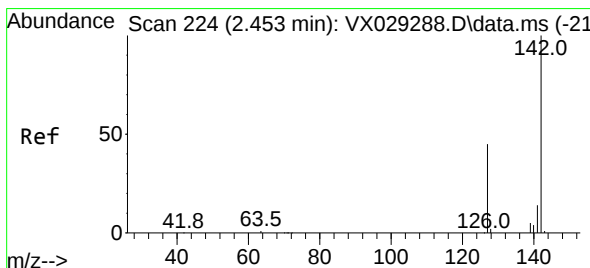
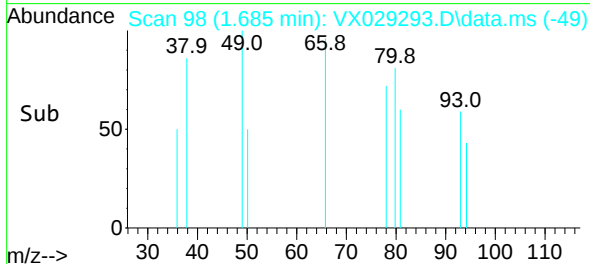
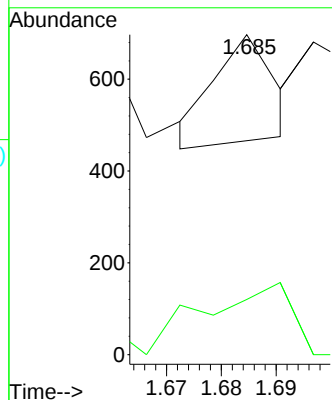
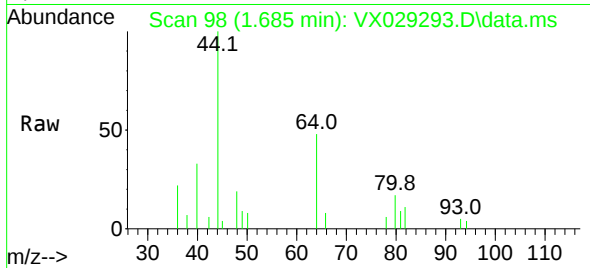




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

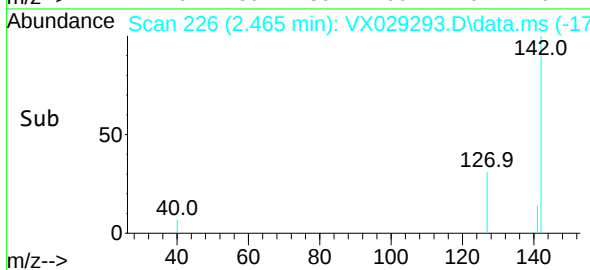
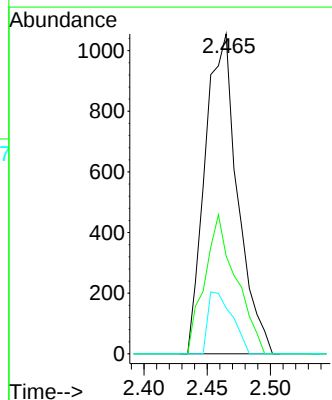
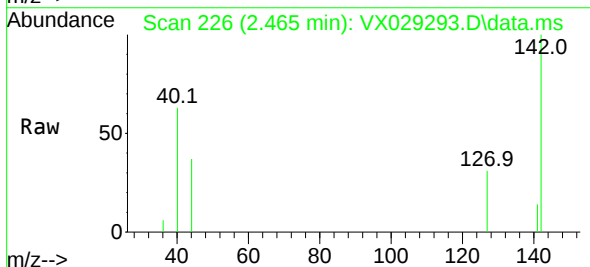
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

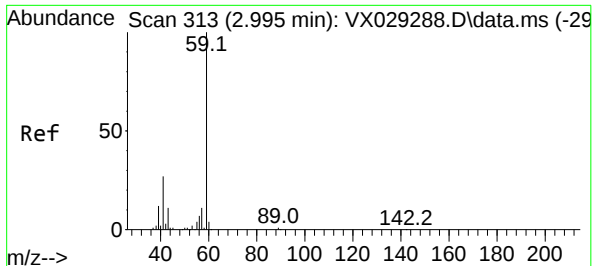
Tgt Ion: 64 Resp: 179
Ion Ratio Lower Upper
64 100
66 6.3 25.3 37.9#



#10
Methyl Iodide
Concen: 1.476 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion: 142 Resp: 1887
Ion Ratio Lower Upper
142 100
127 42.0 33.9 50.9
141 14.2 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: VX029293.D

Acq: 07 Jun 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

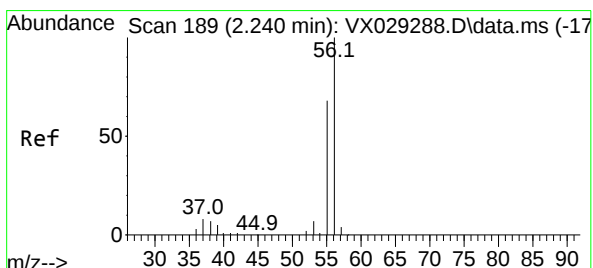
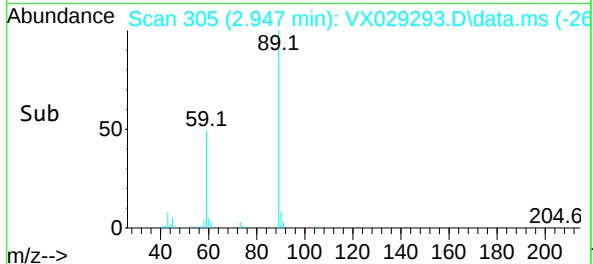
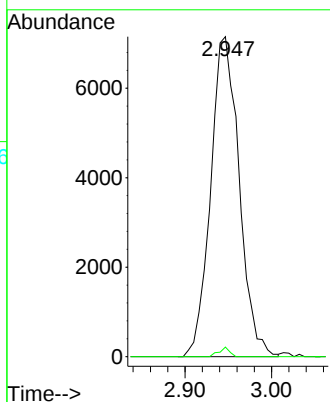
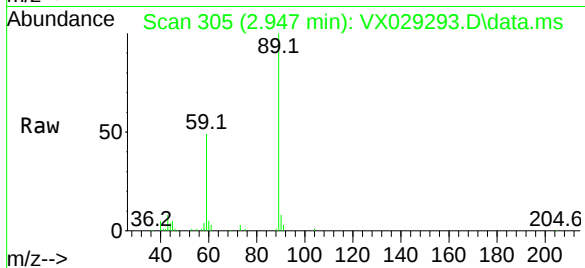
VX0607WBL02

Tgt Ion: 59 Resp: 16377

Ion Ratio Lower Upper

59 100

57 1.1 8.3 12.5#



#13

Acrolein

Concen: 0.376 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX029293.D

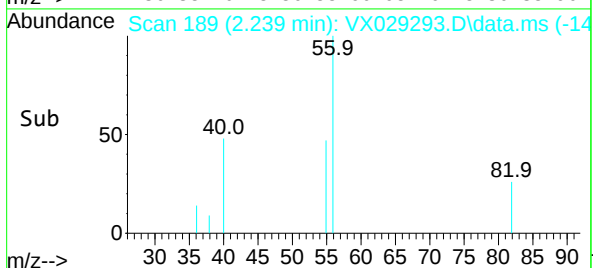
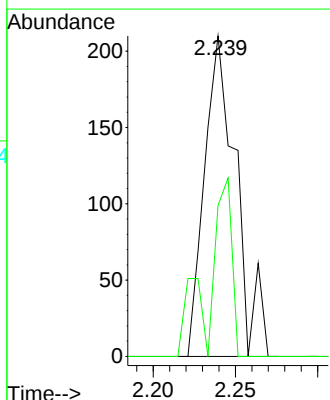
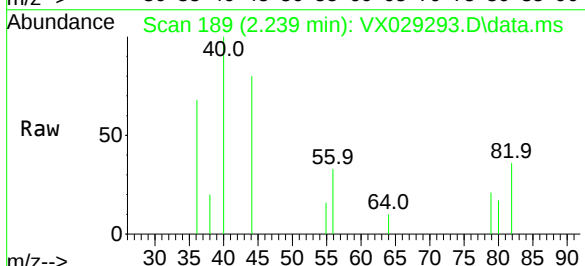
Acq: 07 Jun 2022 23:11

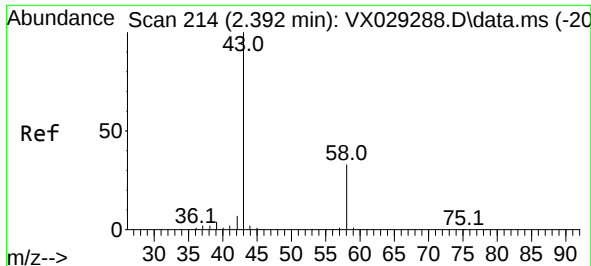
Tgt Ion: 56 Resp: 279

Ion Ratio Lower Upper

56 100

55 41.6 55.0 82.6#

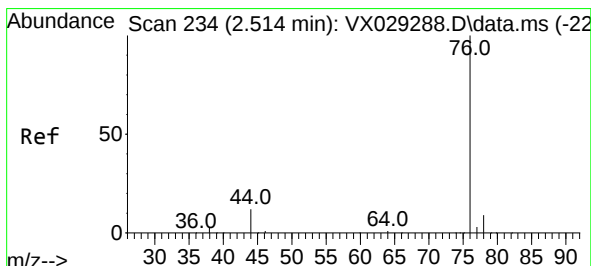
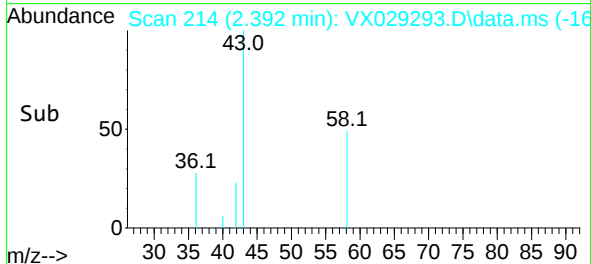
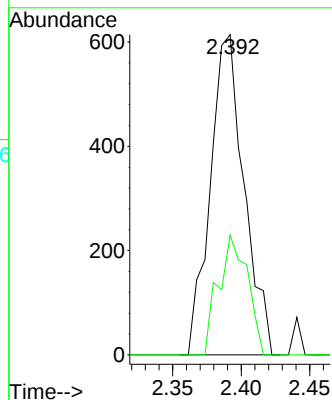
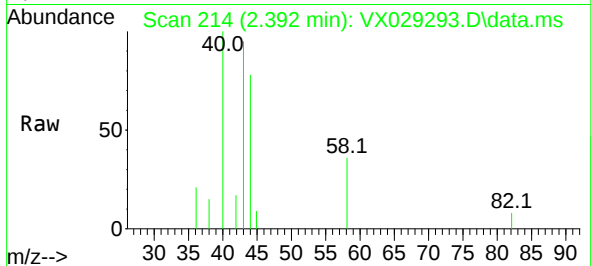




#16
Acetone
Concen: 0.325 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

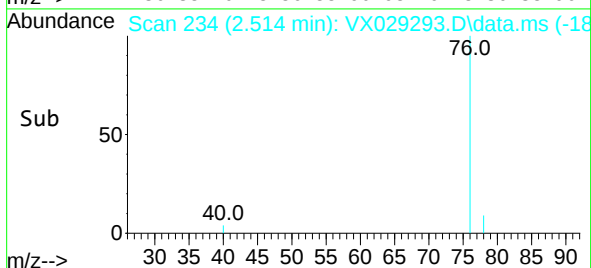
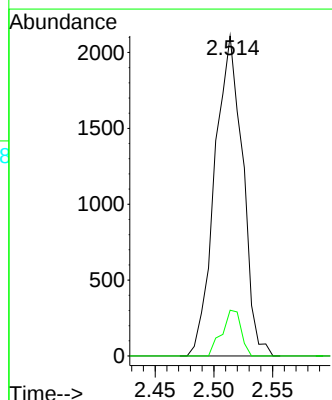
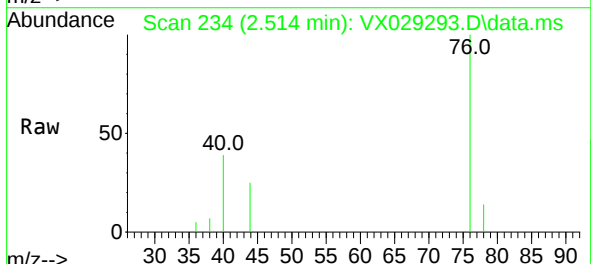
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

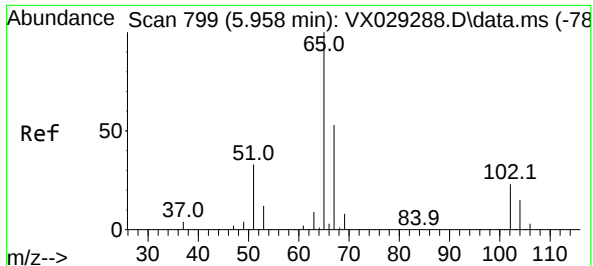
Tgt Ion: 43 Resp: 1056
Ion Ratio Lower Upper
43 100
58 37.5 28.8 43.2



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion: 76 Resp: 3484
Ion Ratio Lower Upper
76 100
78 14.3 7.2 10.8#





#33

1,2-Dichloroethane-d4

Concen: 39.164 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029293.D

Acq: 07 Jun 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

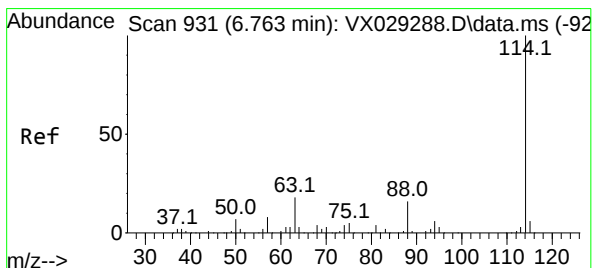
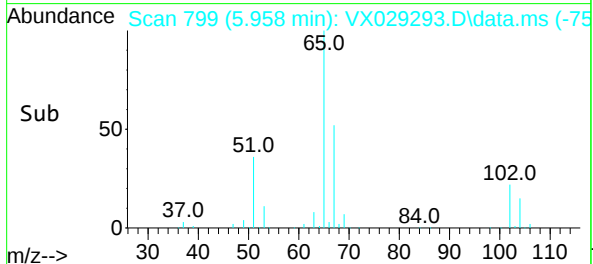
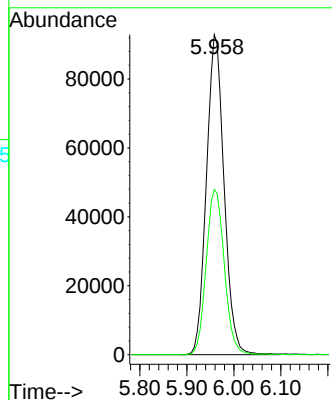
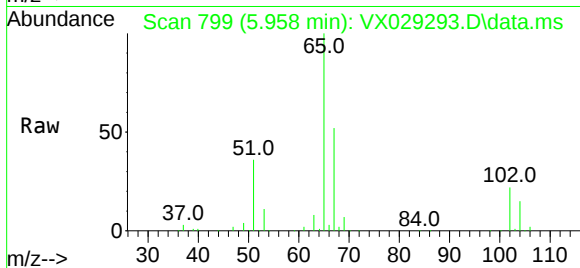
VX0607WBL02

Tgt Ion: 65 Resp: 241592

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029293.D

Acq: 07 Jun 2022 23:11

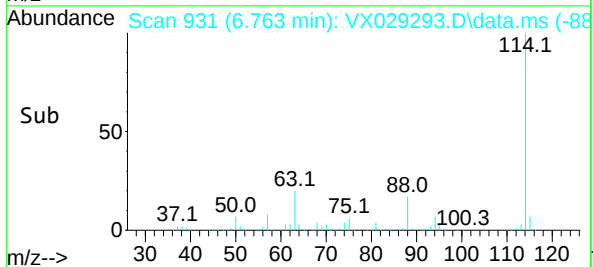
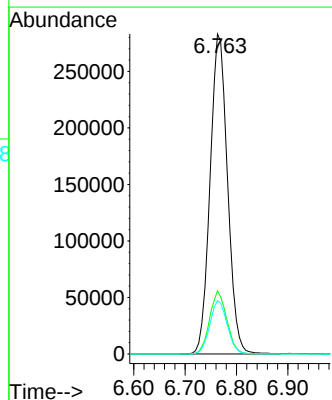
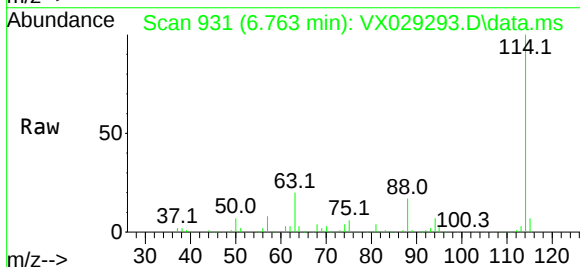
Tgt Ion: 114 Resp: 666840

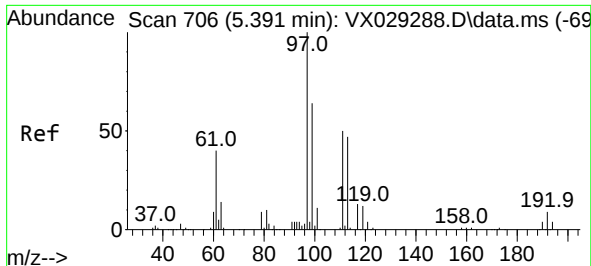
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.340 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029293.D

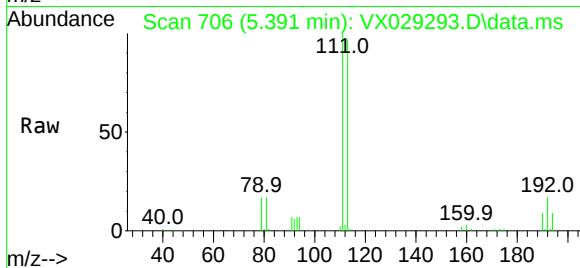
Acq: 07 Jun 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBL02



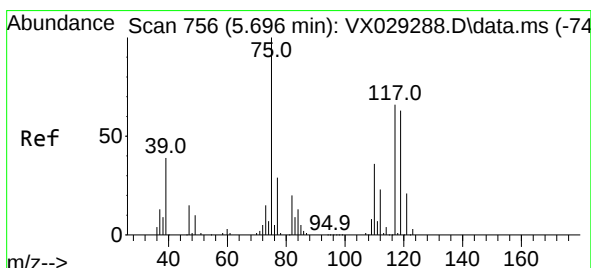
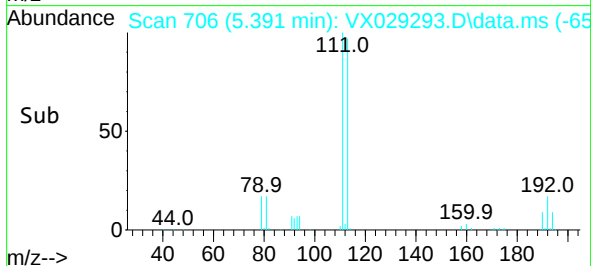
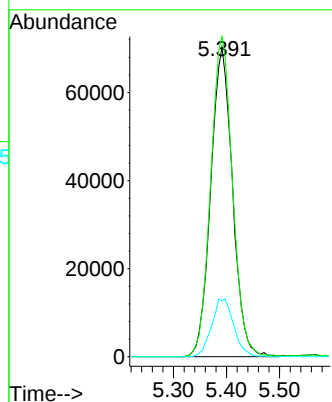
Tgt Ion:113 Resp: 200348

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 19.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.313 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029293.D

Acq: 07 Jun 2022 23:11

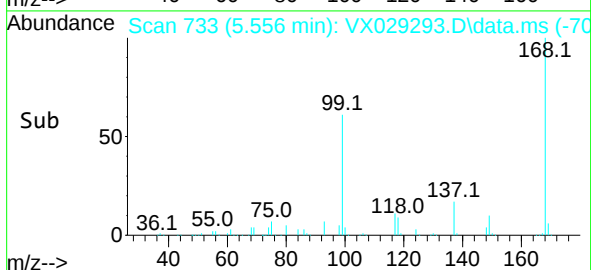
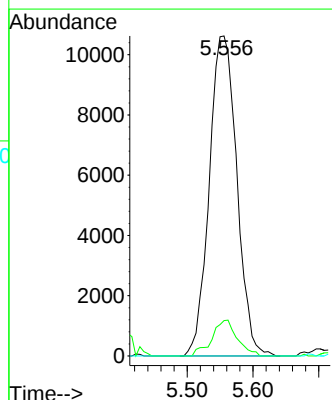
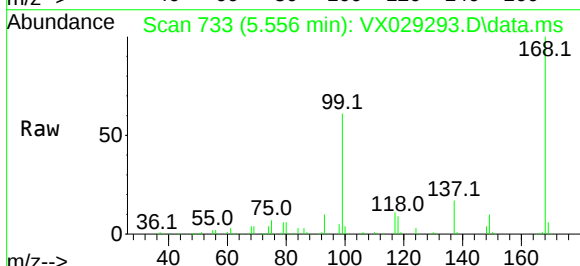
Tgt Ion: 75 Resp: 31027

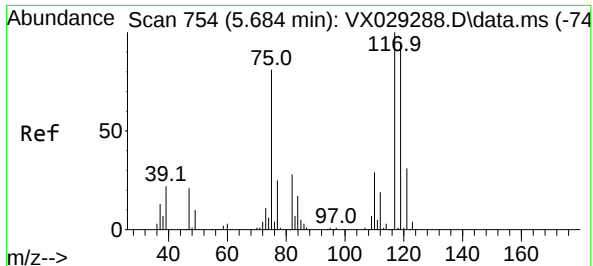
Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

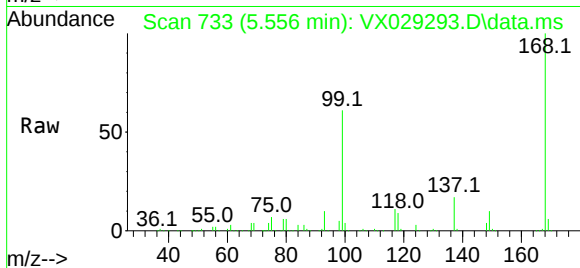
77 0.0 24.8 37.2#



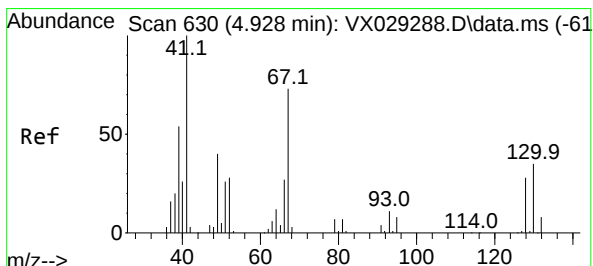
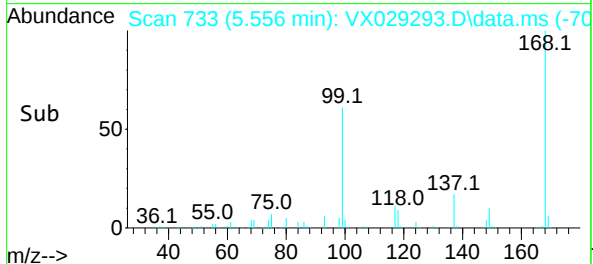
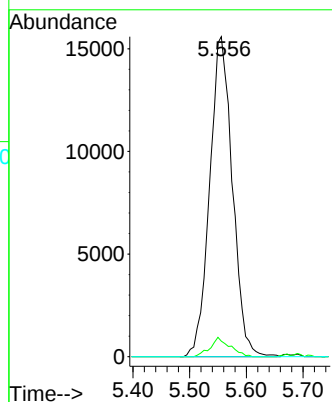


#38
Carbon Tetrachloride
Concen: 4.529 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

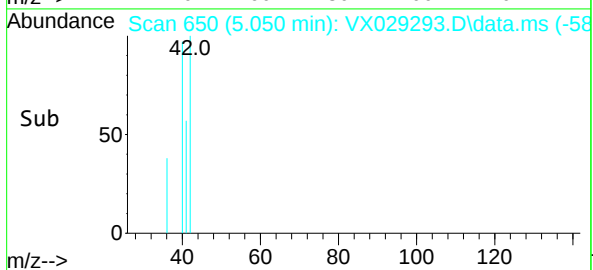
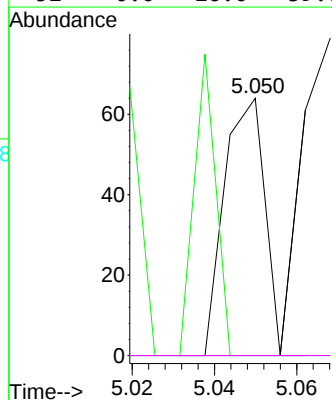
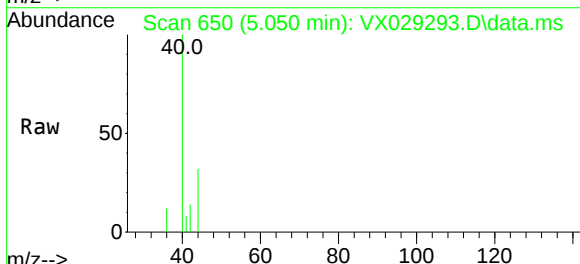


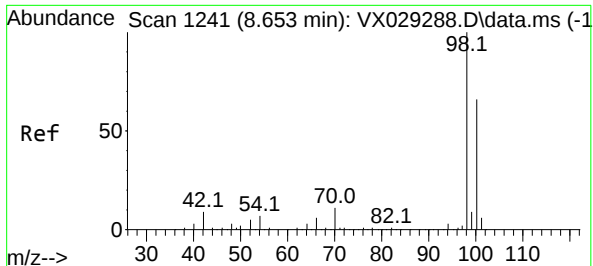
Tgt Ion:117 Resp: 43354
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion: 41 Resp: 44
Ion Ratio Lower Upper
41 100
39 61.4 43.0 64.4
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

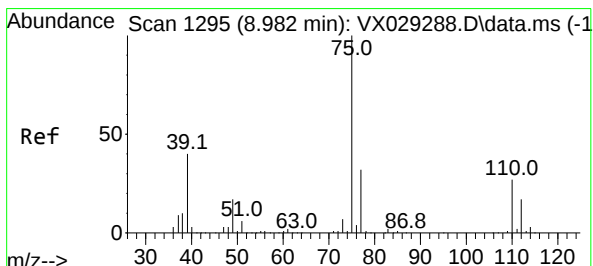
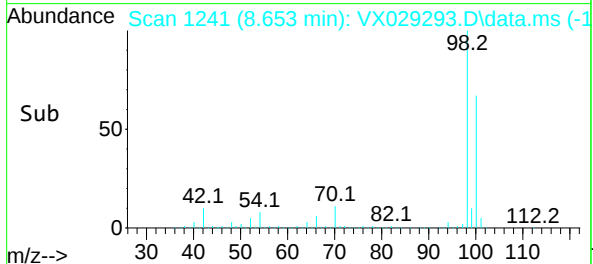
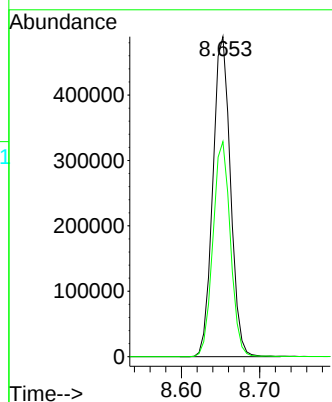
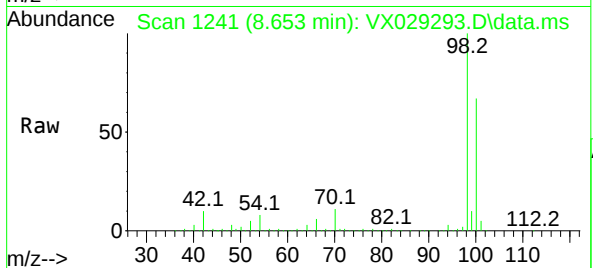




#50
Toluene-d8
Concen: 38.090 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

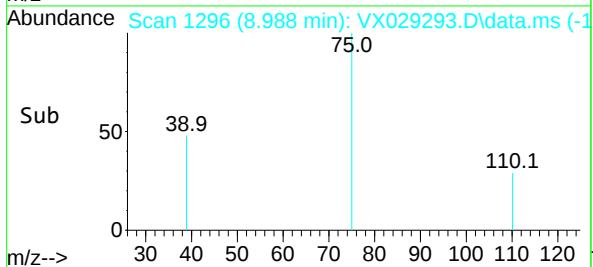
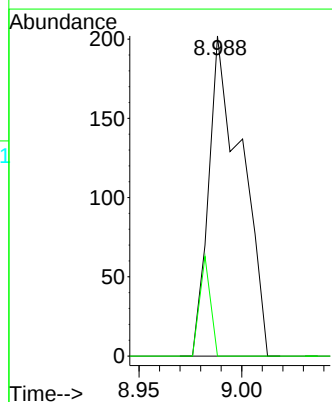
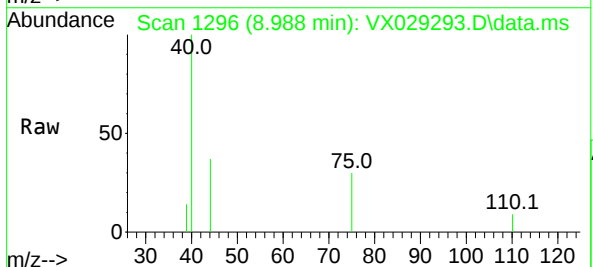
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

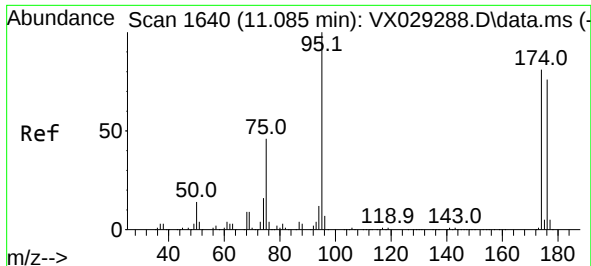
Tgt Ion: 98 Resp: 763709
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.338 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion: 75 Resp: 225
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

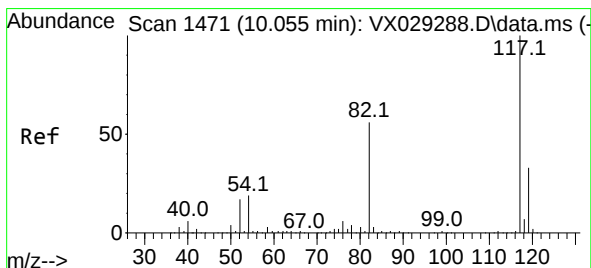
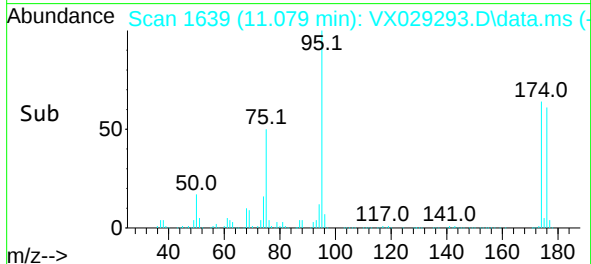
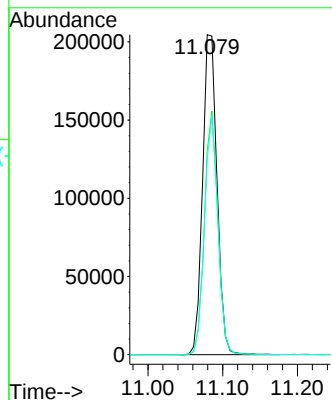
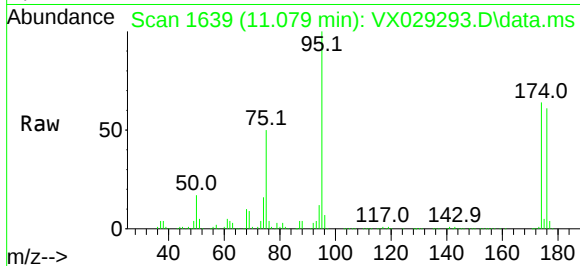




#62
4-Bromofluorobenzene
Concen: 34.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

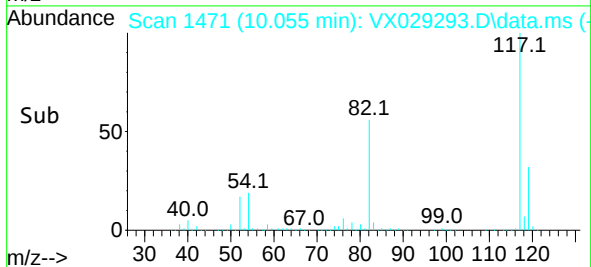
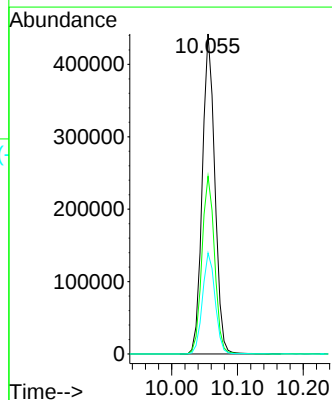
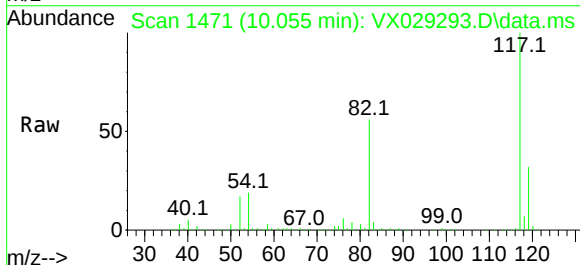
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

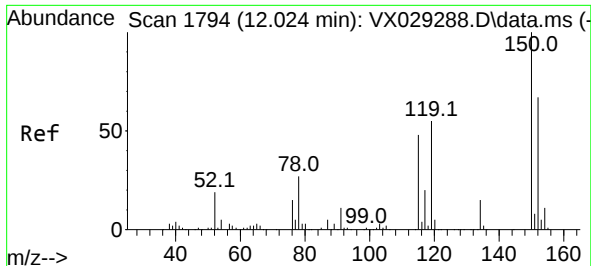
Tgt Ion: 95 Resp: 273735
Ion Ratio Lower Upper
95 100
174 71.2 0.0 163.0
176 70.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion: 117 Resp: 585946
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 31.5 24.8 37.2

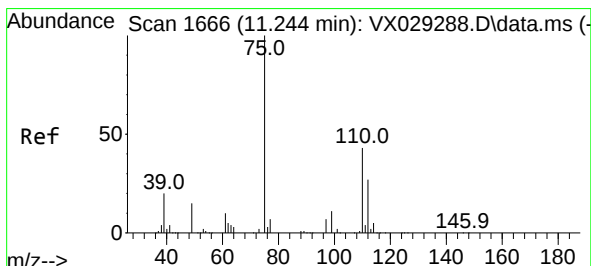
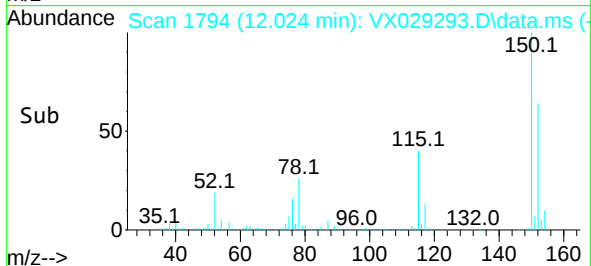
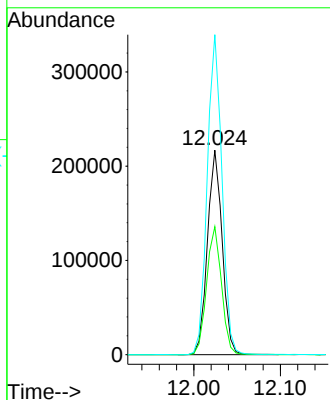
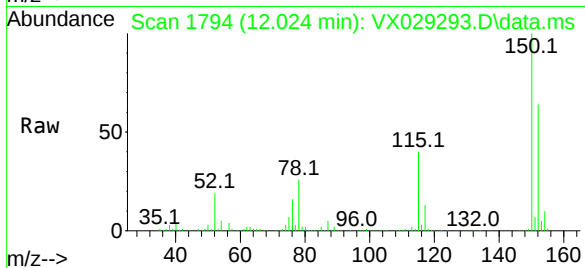




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029293.D
 Acq: 07 Jun 2022 23:11

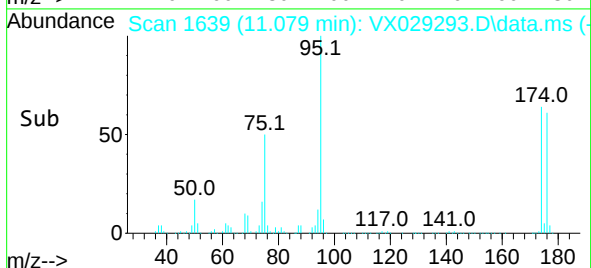
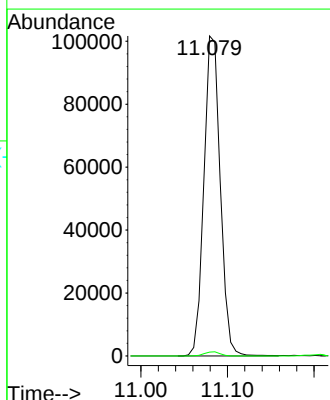
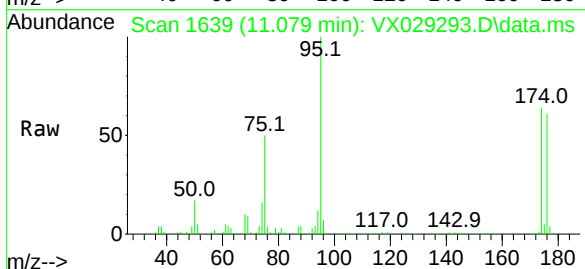
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBL02

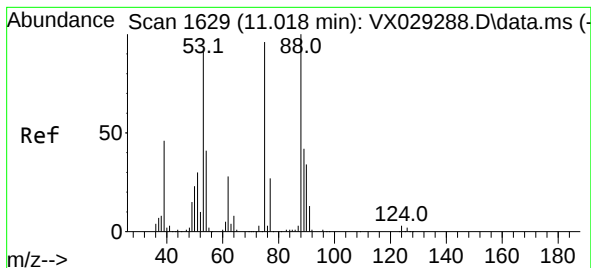
Tgt Ion:152 Resp: 256769
 Ion Ratio Lower Upper
 152 100
 115 63.2 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.267 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029293.D
 Acq: 07 Jun 2022 23:11

Tgt Ion: 75 Resp: 133541
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#

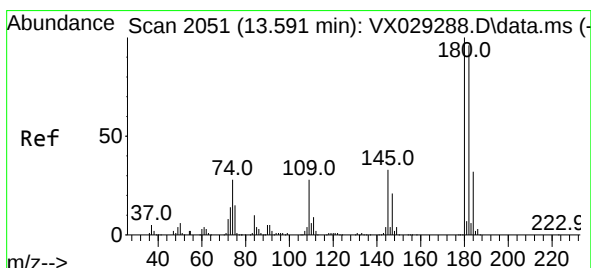
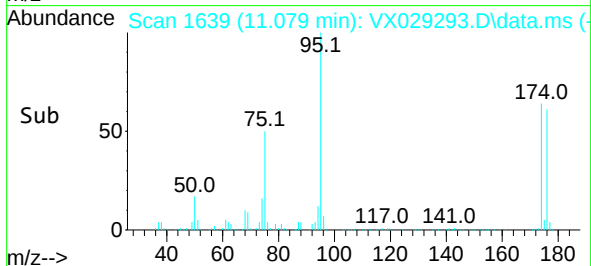
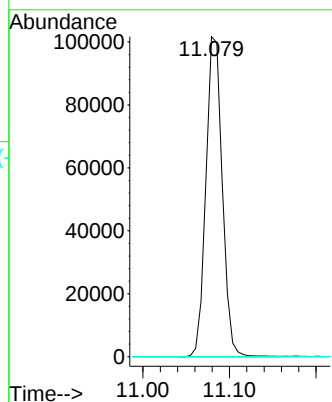
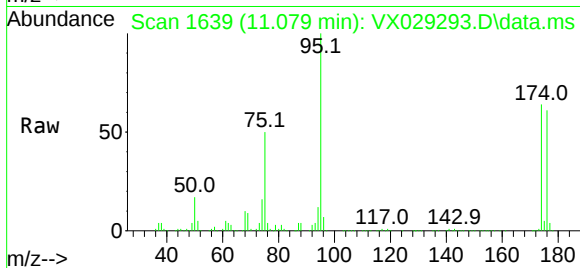




#81
trans-1,4-Dichloro-2-butene
Concen: 68.399 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

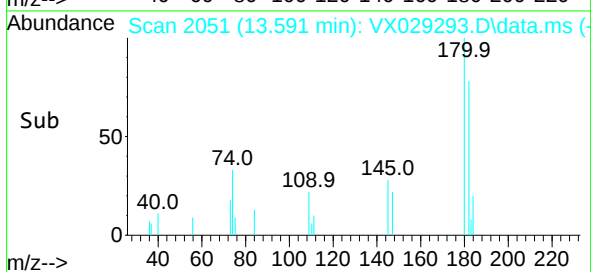
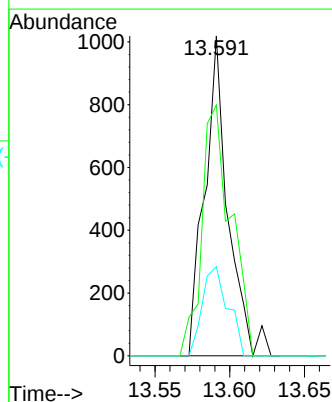
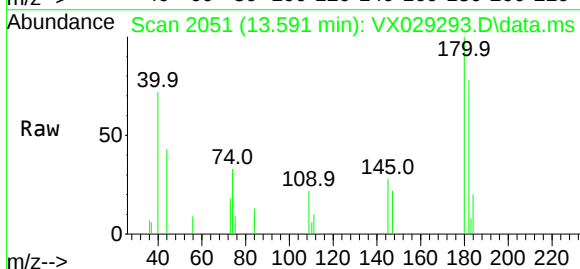
Instrument :
MSVOA_X
ClientSampleId :
VX0607WBL02

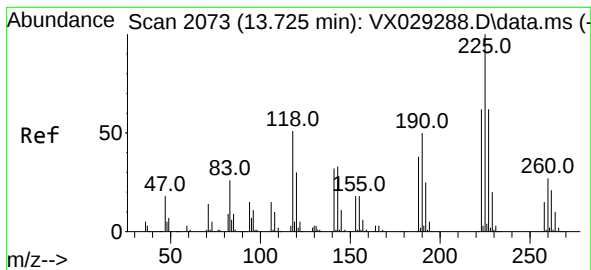
Tgt Ion: 75 Resp: 133541
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX029293.D
Acq: 07 Jun 2022 23:11

Tgt Ion:180 Resp: 1107
Ion Ratio Lower Upper
180 100
182 97.3 47.7 143.1
145 30.7 15.2 45.5





#94

Hexachlorobutadiene

Concen: 0.252 ug/l

RT: 13.731 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029293.D

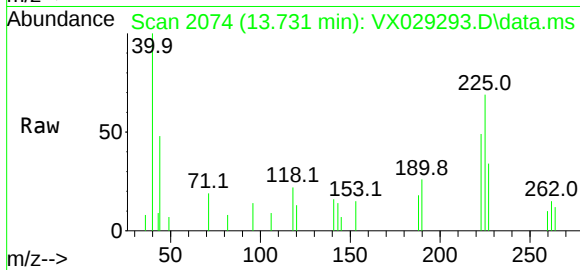
Acq: 07 Jun 2022 23:11

Instrument :

MSVOA_X

ClientSampleId :

VX0607WBL02



Tgt Ion:225 Resp: 556

Ion Ratio Lower Upper

225 100

223 58.5 34.2 102.5

227 64.7 33.9 101.7

