

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031107.D
 Acq On : 04 Sep 2022 01:38
 Operator : JC/MD
 Sample : VX0903WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBL02

Quant Time: Sep 06 01:11:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

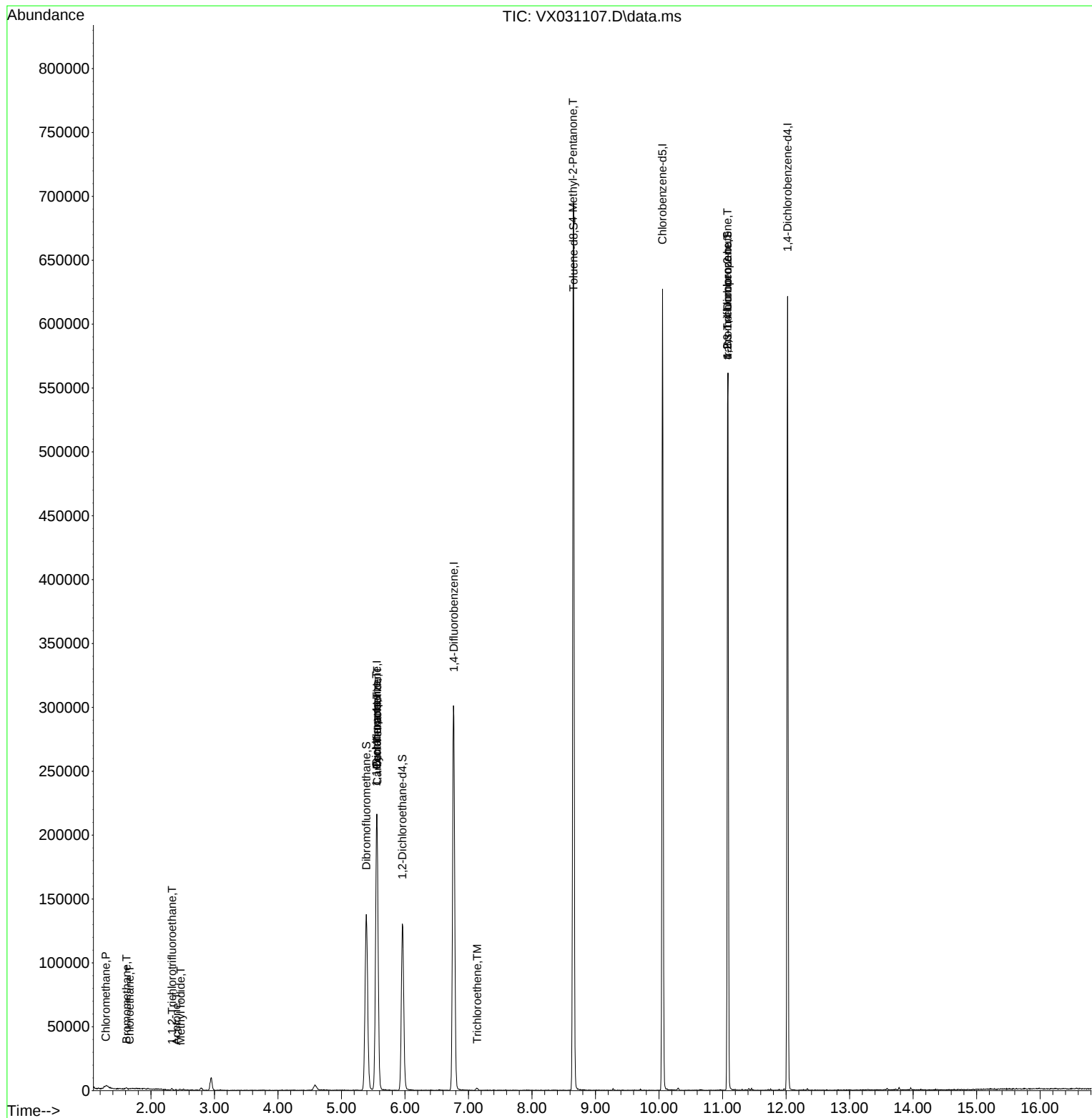
Internal Standards						
1) Pentafluorobenzene	5.556	168	215917	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129729	46.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.400%
35) Dibromofluoromethane	5.391	113	125825	50.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.900%
50) Toluene-d8	8.653	98	438634	48.262	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	154569	48.151	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.300%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	327	0.852	ug/l #	42
5) Bromomethane	1.618	94	414	0.399	ug/l #	20
6) Chloroethane	1.666	64	405	1.969	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	542	0.209	ug/l #	62
10) Methyl Iodide	2.465	142	871	3.235	ug/l	96
11) Tert butyl alcohol	2.947	59	5621	Below Cal	#	76
16) Acetone	2.398	43	365	0.340	ug/l #	83
20) Methylene Chloride	2.788	84	1041	Below Cal	#	78
31) Cyclohexane	5.556	56	3322	0.875	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14434	4.173	ug/l #	50
38) Carbon Tetrachloride	5.562	117	20593	5.735	ug/l #	17
44) Trichloroethene	7.135	130	849	0.270	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	1333	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	70856	21.390	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70856	67.225	ug/l #	13

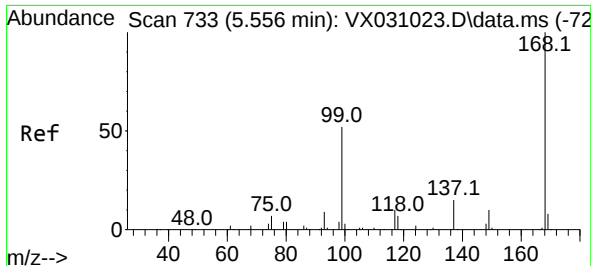
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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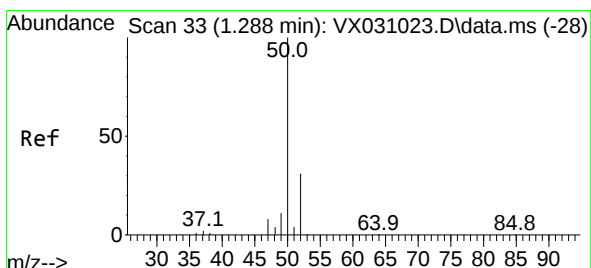
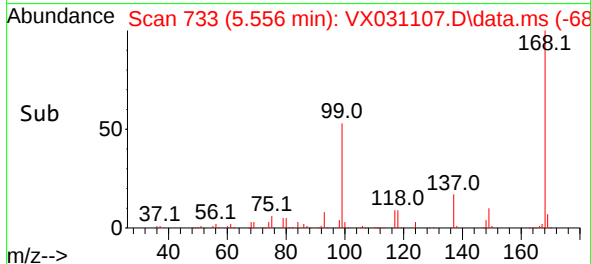
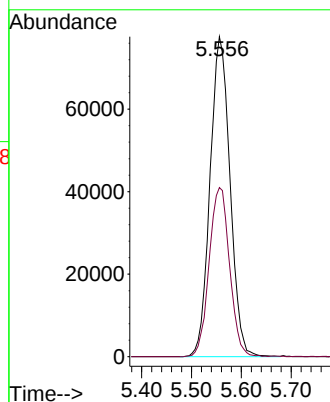
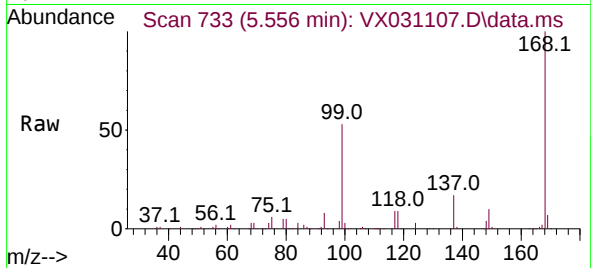




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

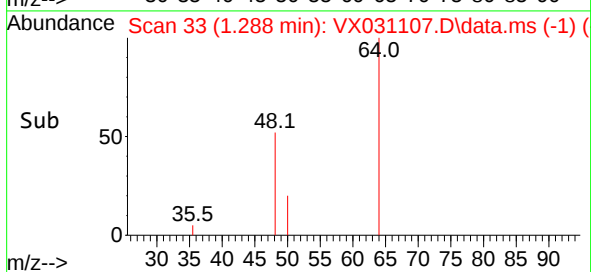
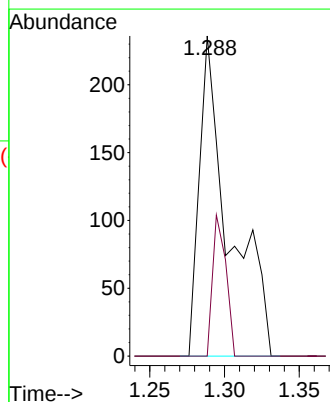
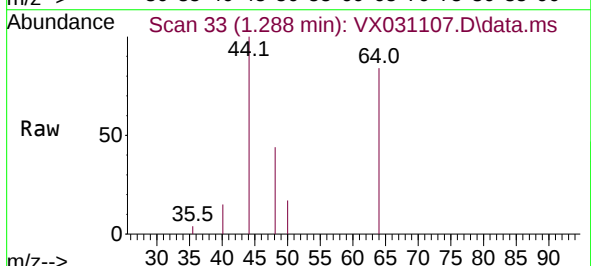
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

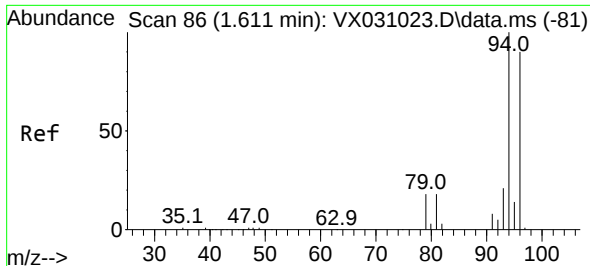
Tgt Ion:168 Resp: 215917
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#3
Chloromethane
Concen: 0.852 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion: 50 Resp: 327
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

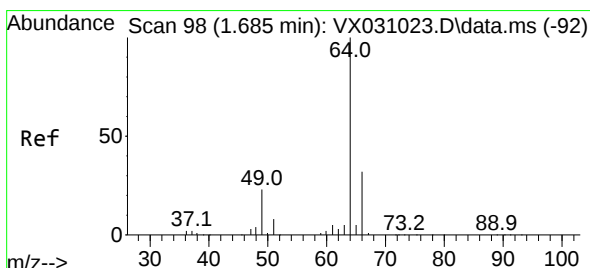
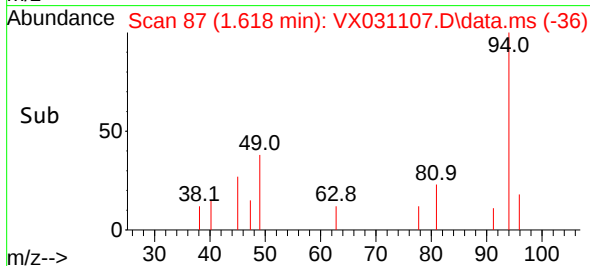
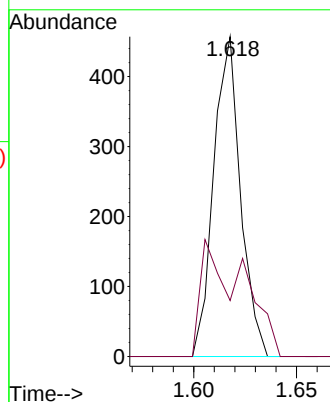
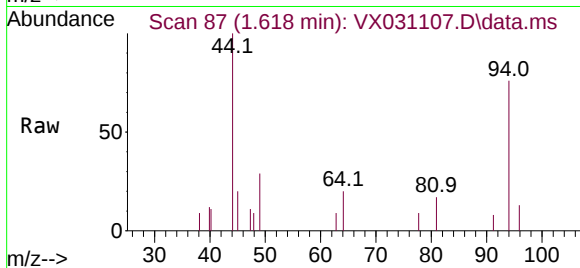




#5
Bromomethane
Concen: 0.399 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

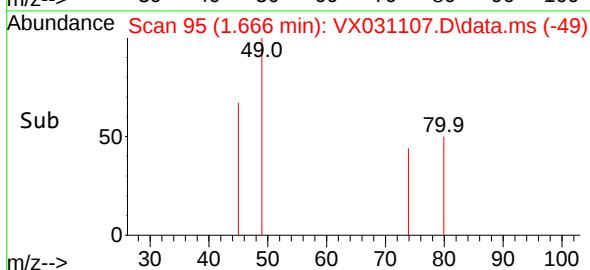
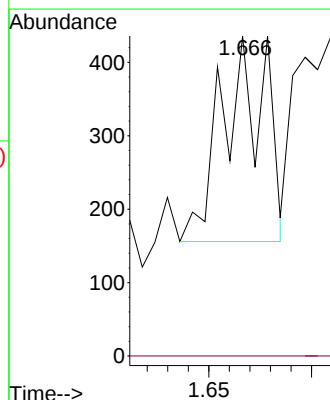
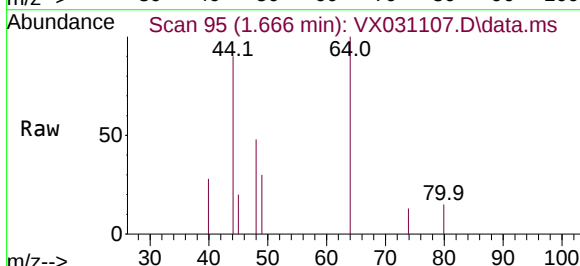
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

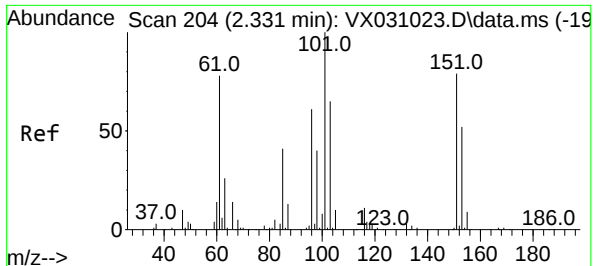
Tgt Ion: 94 Resp: 414
Ion Ratio Lower Upper
94 100
96 17.5 76.9 115.3#



#6
Chloroethane
Concen: 1.969 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion: 64 Resp: 405
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

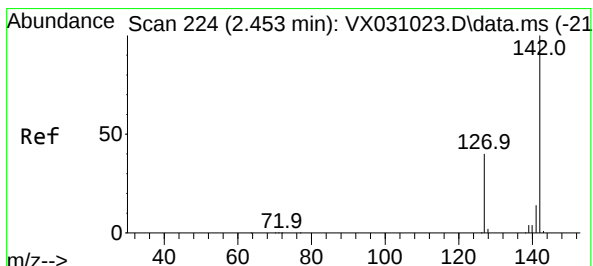
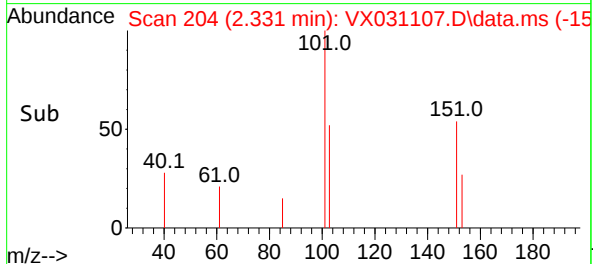
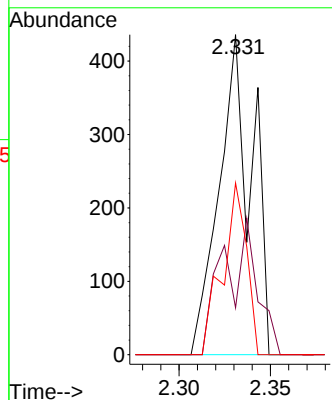
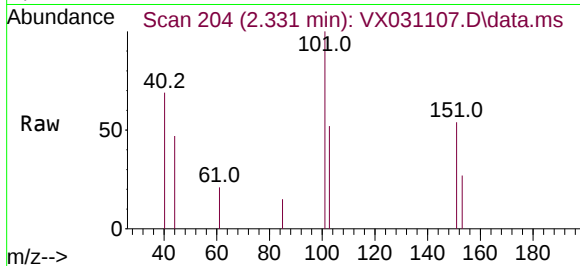




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.209 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

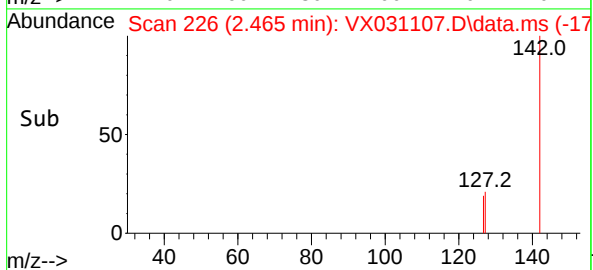
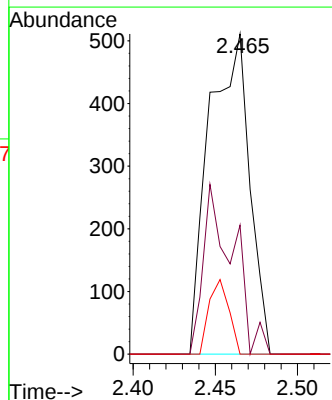
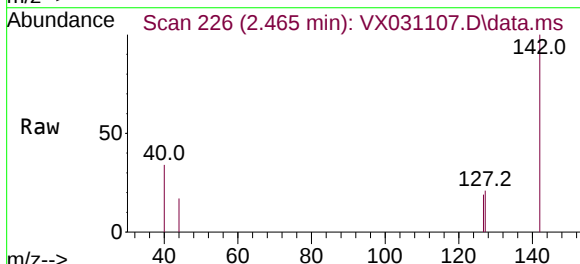
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

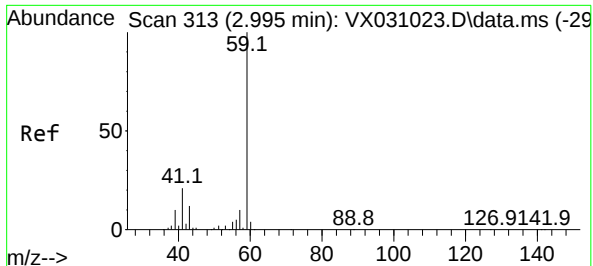
Tgt Ion:101 Resp: 542
Ion Ratio Lower Upper
101 100
85 21.8 34.0 51.0#
151 39.3 59.4 89.0#



#10
Methyl Iodide
Concen: 3.235 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion:142 Resp: 871
Ion Ratio Lower Upper
142 100
127 39.3 30.2 45.2
141 11.5 11.3 16.9

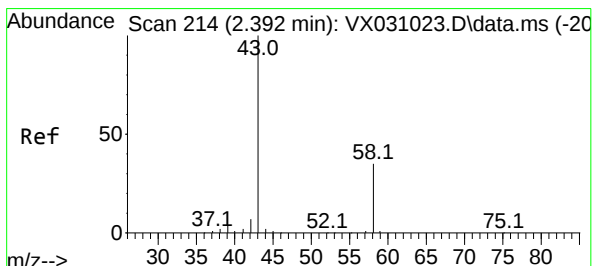
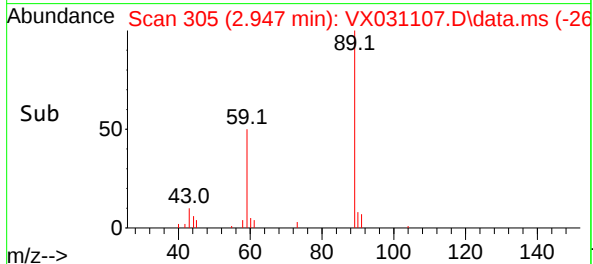
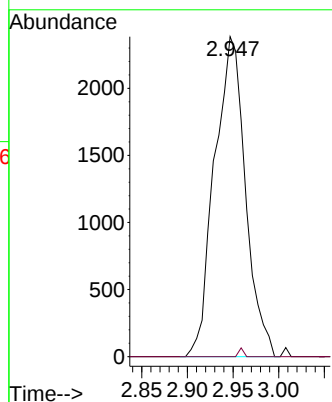
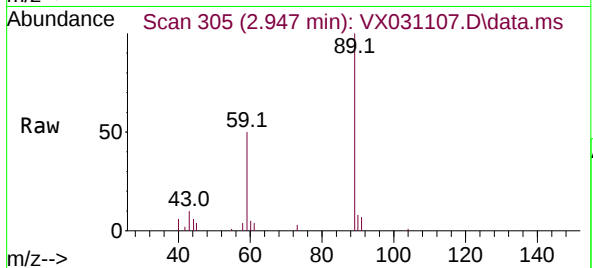




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

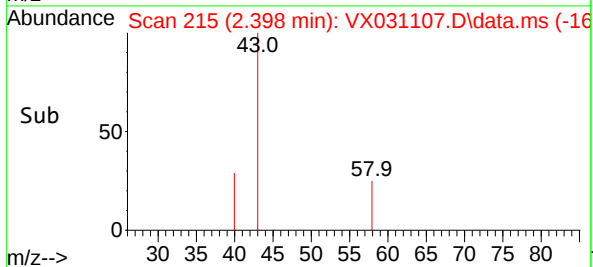
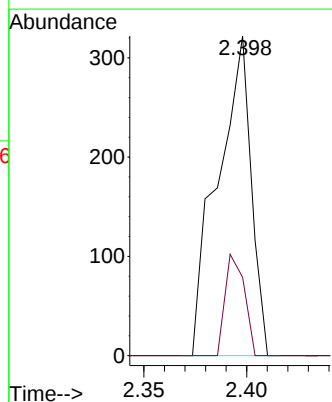
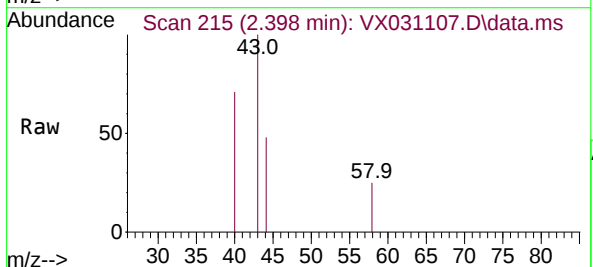
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

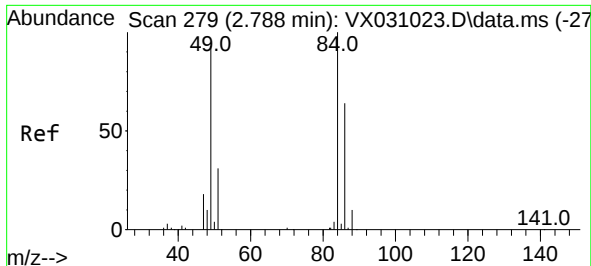
Tgt Ion: 59 Resp: 5621
Ion Ratio Lower Upper
59 100
57 0.4 7.4 11.2#



#16
Acetone
Concen: 0.340 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
58 24.5 27.7 41.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031107.D

Acq: 04 Sep 2022 01:38

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBL02

Tgt Ion: 84 Resp: 1041

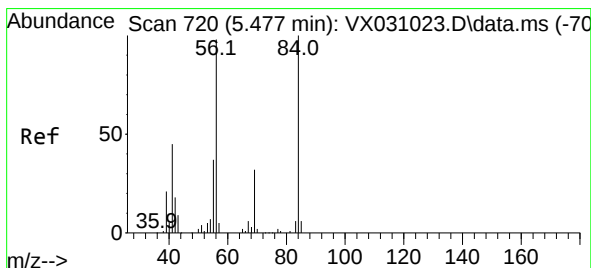
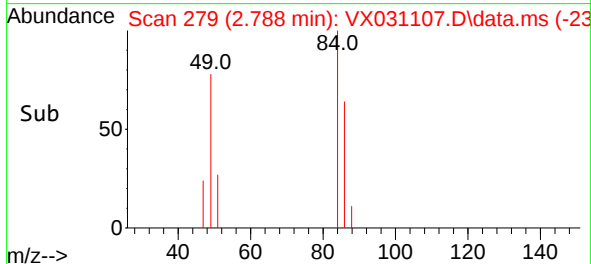
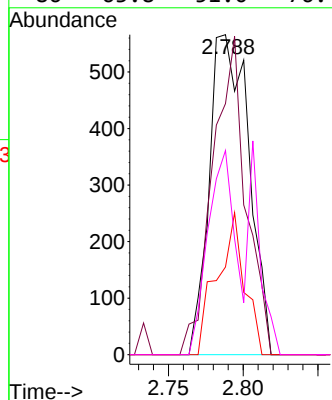
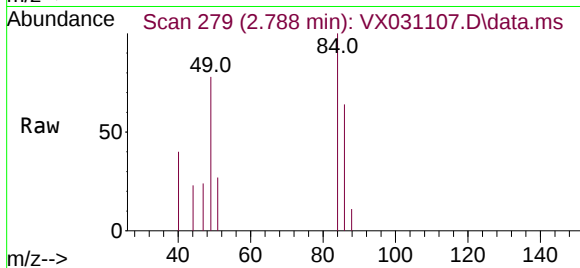
Ion Ratio Lower Upper

84 100

49 78.4 93.8 140.6#

51 27.4 29.4 44.0#

86 63.8 51.0 76.4



#31

Cyclohexane

Concen: 0.875 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX031107.D

Acq: 04 Sep 2022 01:38

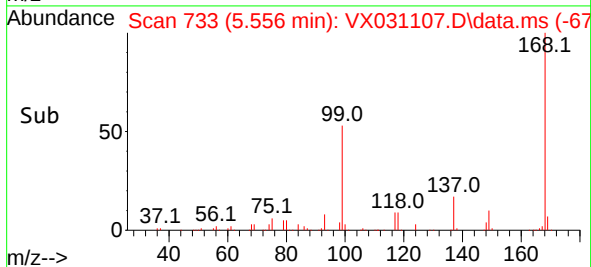
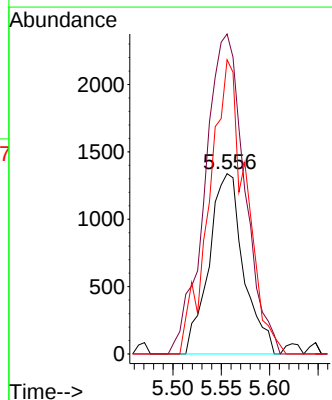
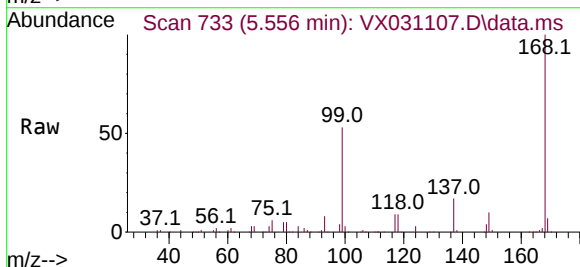
Tgt Ion: 56 Resp: 3322

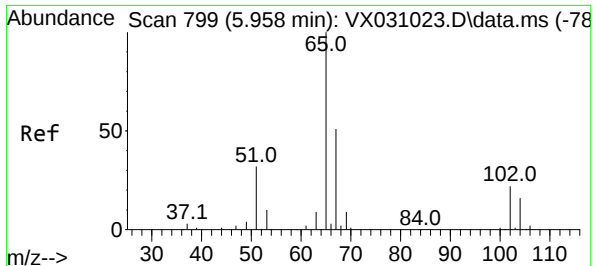
Ion Ratio Lower Upper

56 100

69 177.5 25.4 38.0#

84 163.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.696 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031107.D

Acq: 04 Sep 2022 01:38

Instrument :

MSVOA_X

ClientSampleId :

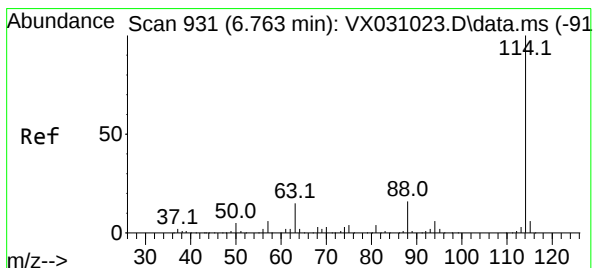
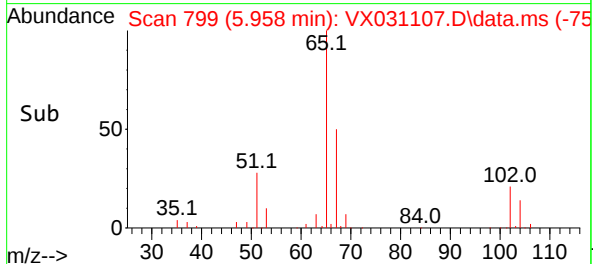
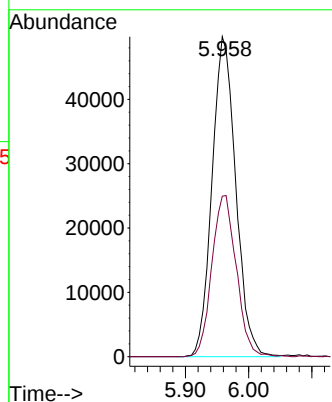
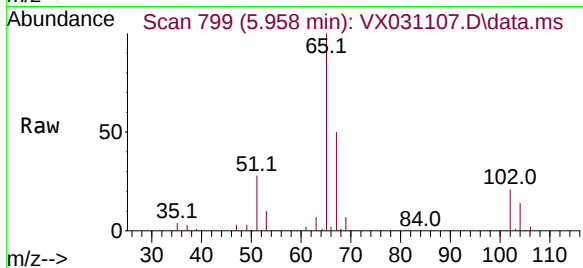
VX0903WBL02

Tgt Ion: 65 Resp: 129729

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031107.D

Acq: 04 Sep 2022 01:38

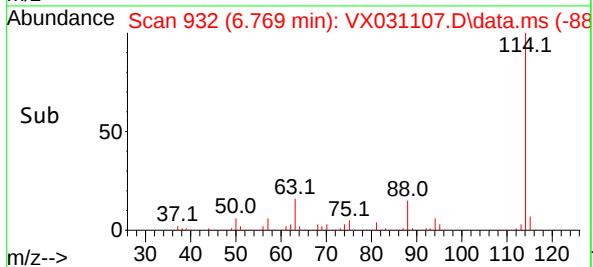
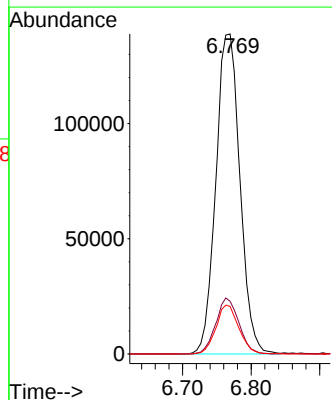
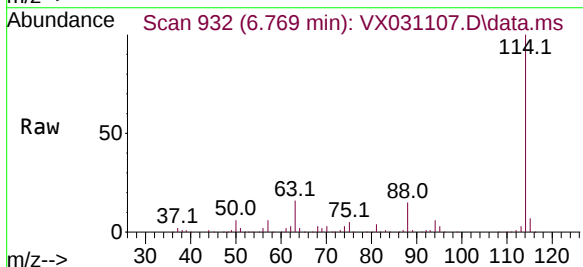
Tgt Ion: 114 Resp: 338394

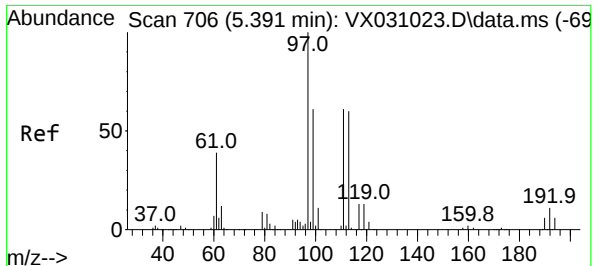
Ion Ratio Lower Upper

114 100

63 16.5 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.952 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031107.D

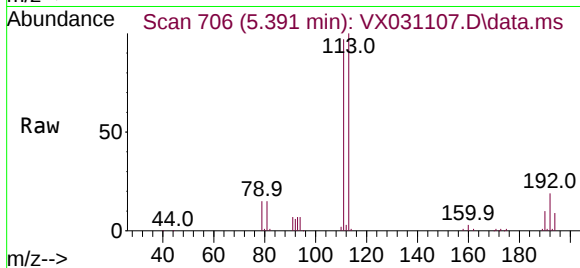
Acq: 04 Sep 2022 01:38

Instrument :

MSVOA_X

ClientSampleId :

VX0903WBL02



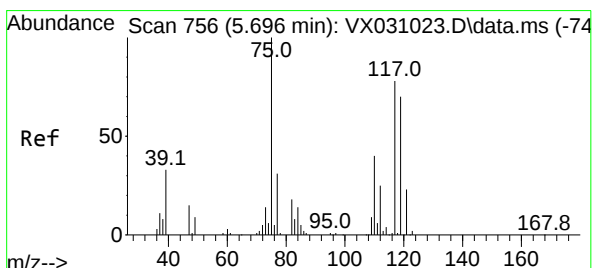
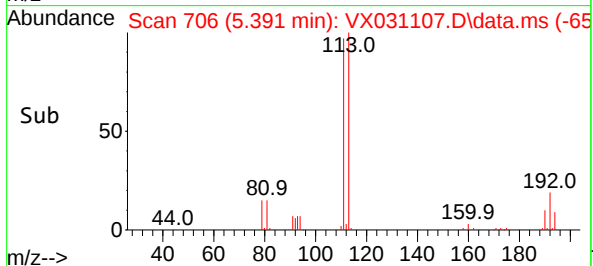
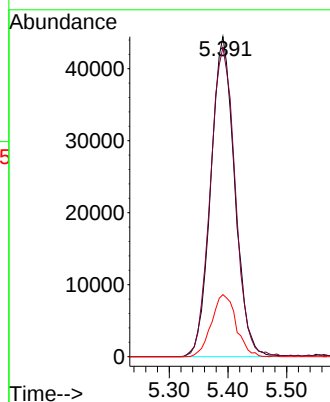
Tgt Ion:113 Resp: 125825

Ion Ratio Lower Upper

113 100

111 100.4 83.2 124.8

192 20.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.173 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031107.D

Acq: 04 Sep 2022 01:38

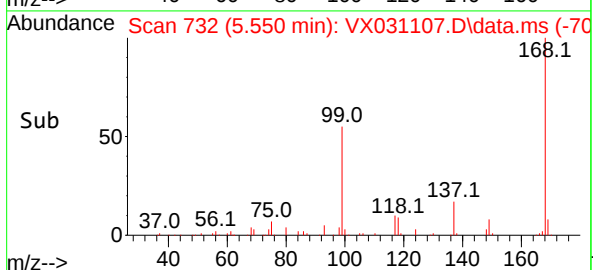
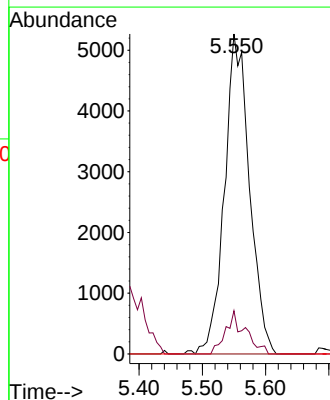
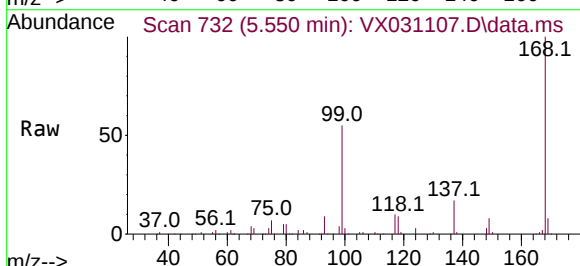
Tgt Ion: 75 Resp: 14434

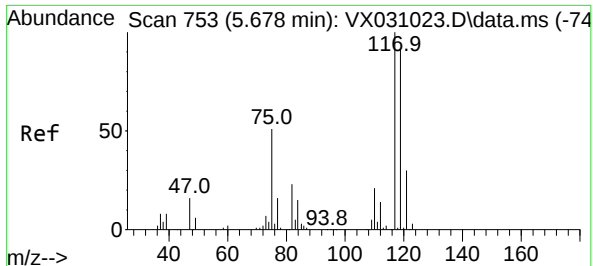
Ion Ratio Lower Upper

75 100

110 10.6 19.3 57.9#

77 0.0 24.4 36.6#

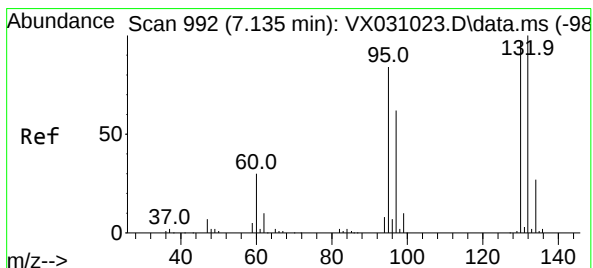
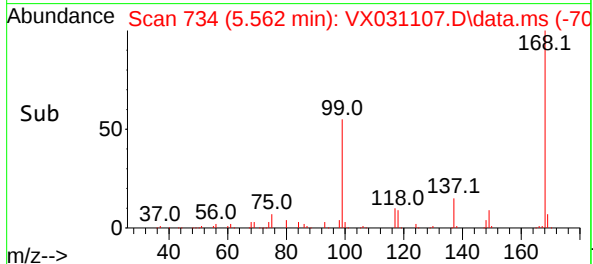
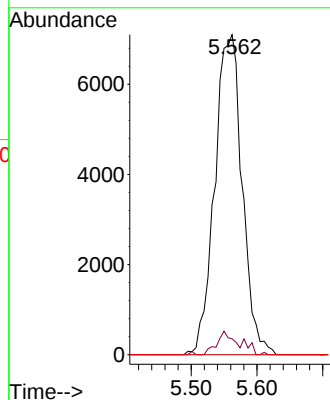
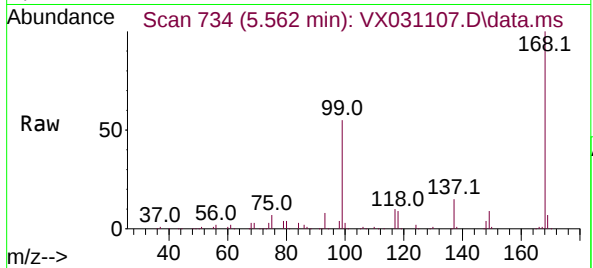




#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

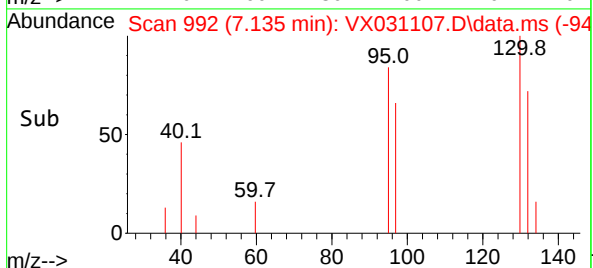
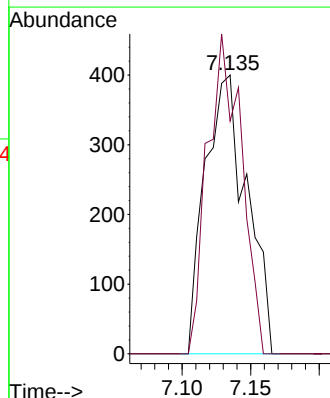
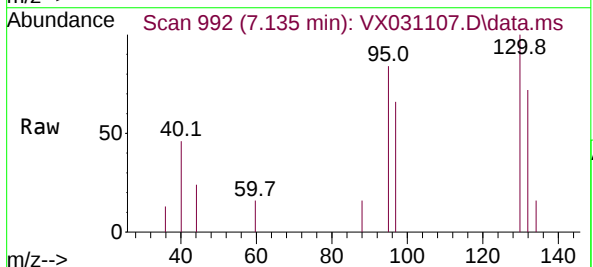
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

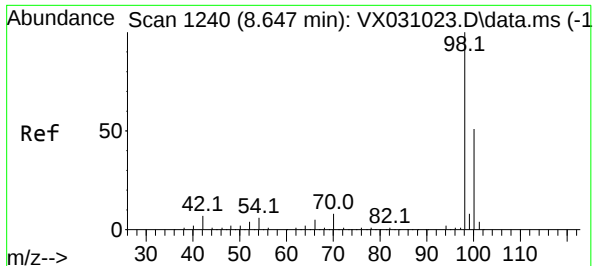
Tgt Ion:117 Resp: 20593
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.270 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion:130 Resp: 849
Ion Ratio Lower Upper
130 100
95 83.5 0.0 194.8





#50

Toluene-d8

Concen: 48.262 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031107.D

Acq: 04 Sep 2022 01:38

Instrument :

MSVOA_X

ClientSampleId :

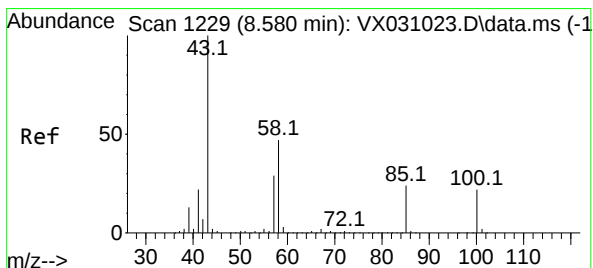
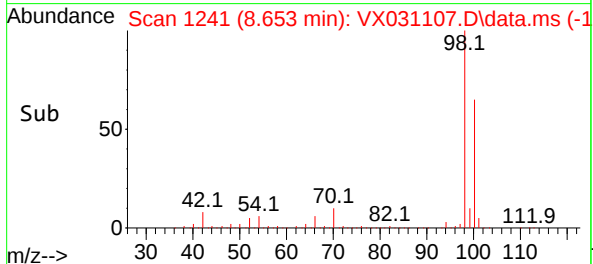
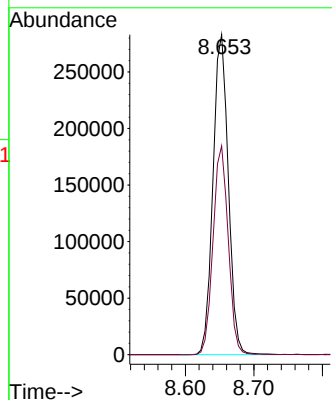
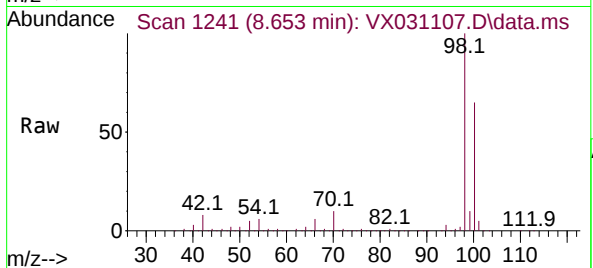
VX0903WBL02

Tgt Ion: 98 Resp: 438634

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.441 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031107.D

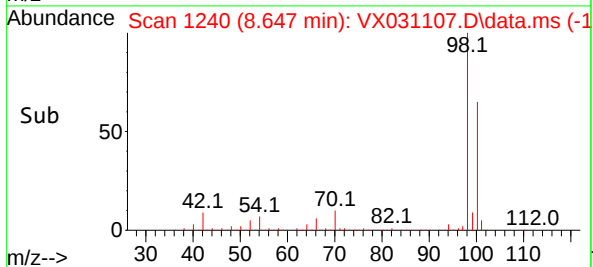
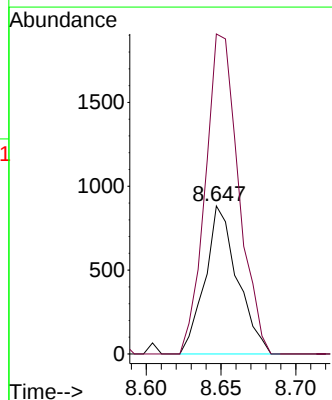
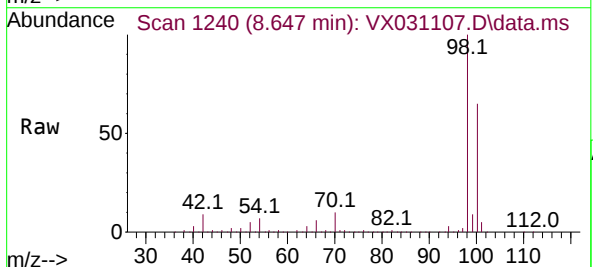
Acq: 04 Sep 2022 01:38

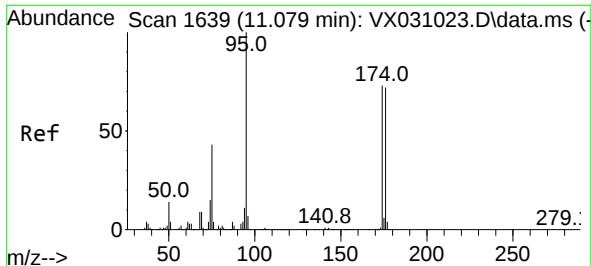
Tgt Ion: 43 Resp: 1333

Ion Ratio Lower Upper

43 100

58 222.0 31.4 47.2#

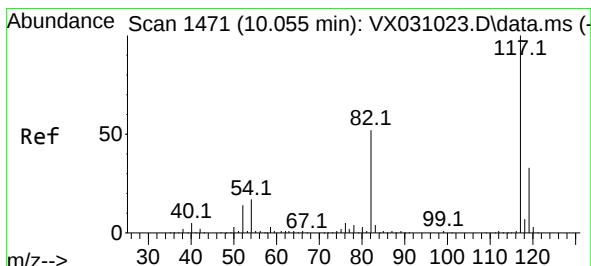
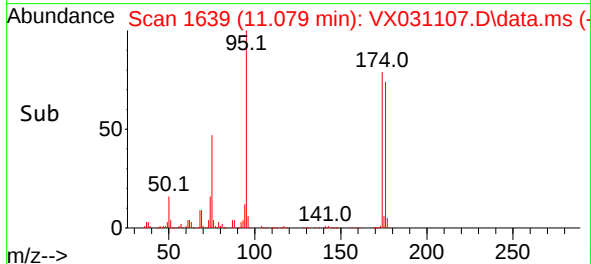
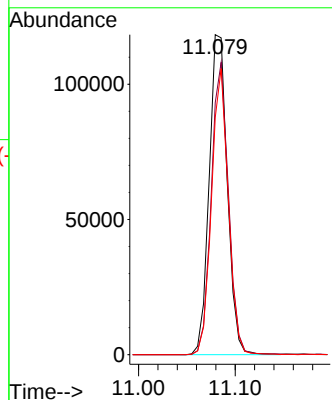
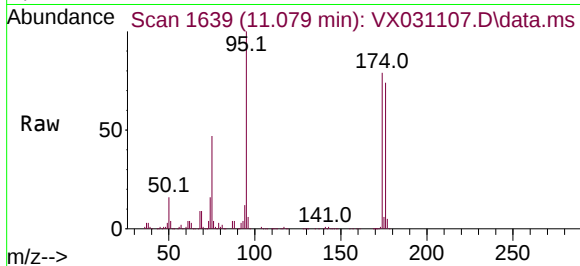




#62
4-Bromofluorobenzene
Concen: 48.151 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

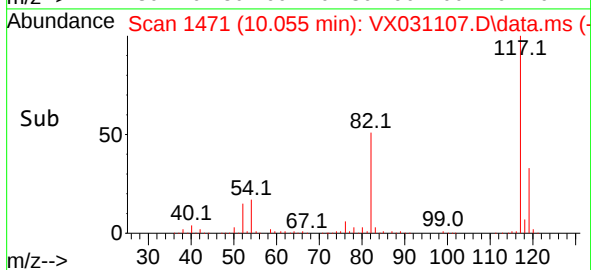
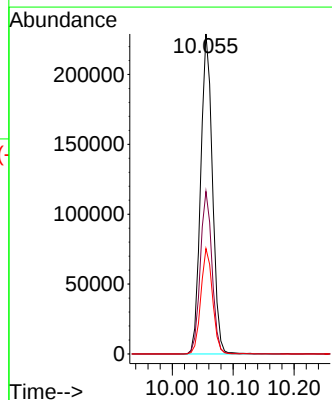
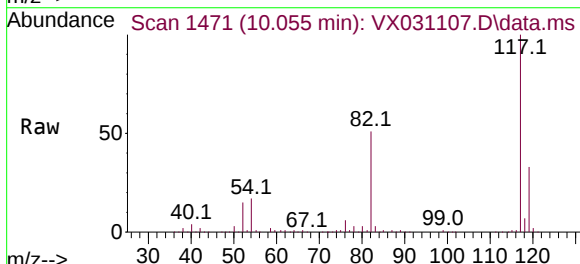
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

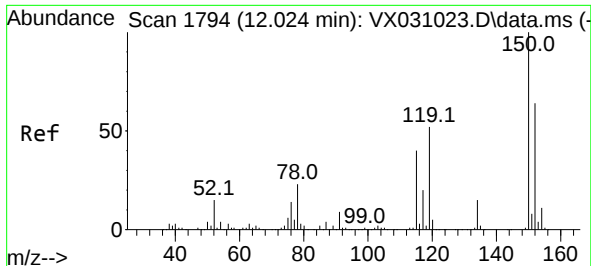
Tgt Ion: 95 Resp: 154569
Ion Ratio Lower Upper
95 100
174 86.7 0.0 149.0
176 82.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion: 117 Resp: 307659
Ion Ratio Lower Upper
117 100
82 50.8 42.7 64.1
119 32.9 25.4 38.2

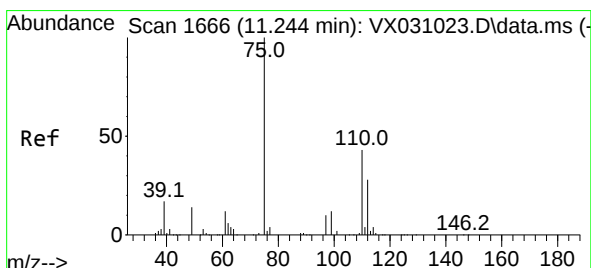
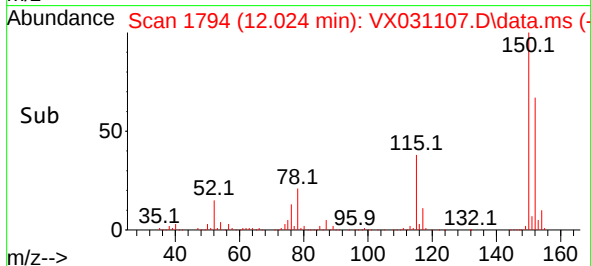
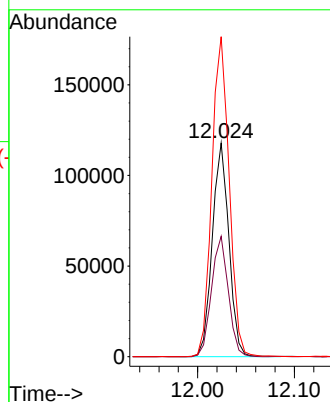
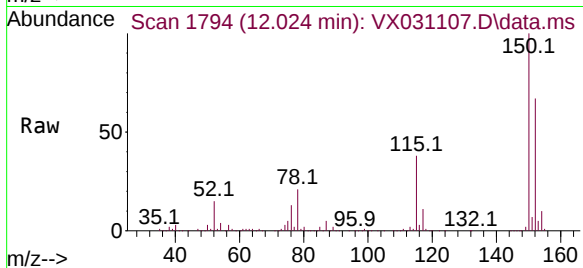




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

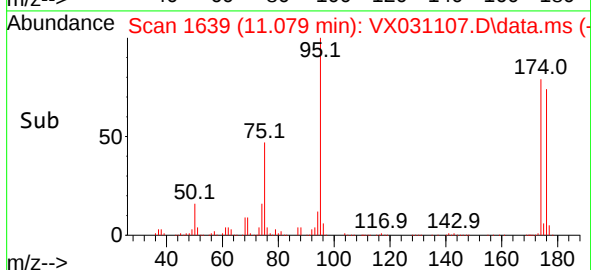
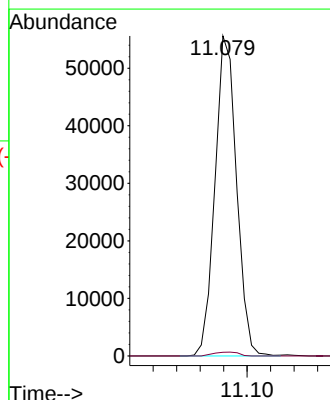
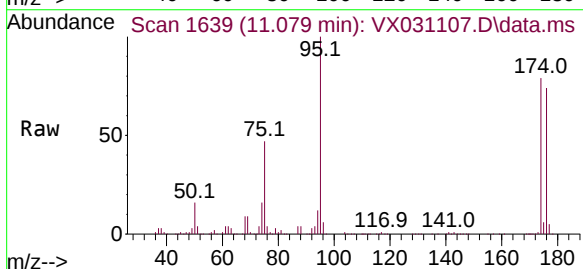
Instrument :
MSVOA_X
ClientSampleId :
VX0903WBL02

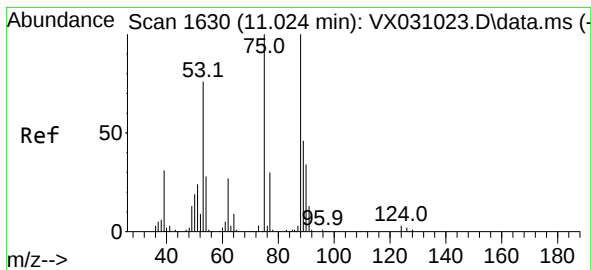
Tgt Ion:152 Resp: 140127
Ion Ratio Lower Upper
152 100
115 57.1 40.5 121.5
150 156.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 21.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031107.D
Acq: 04 Sep 2022 01:38

Tgt Ion: 75 Resp: 70856
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.225 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031107.D
 Acq: 04 Sep 2022 01:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903WBL02

Tgt Ion: 75 Resp: 70856
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

