

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029951.D
 Acq On : 07 Jul 2022 09:32
 Operator : JC/MD
 Sample : VX0707WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBL01

Quant Time: Jul 08 05:33:14 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)

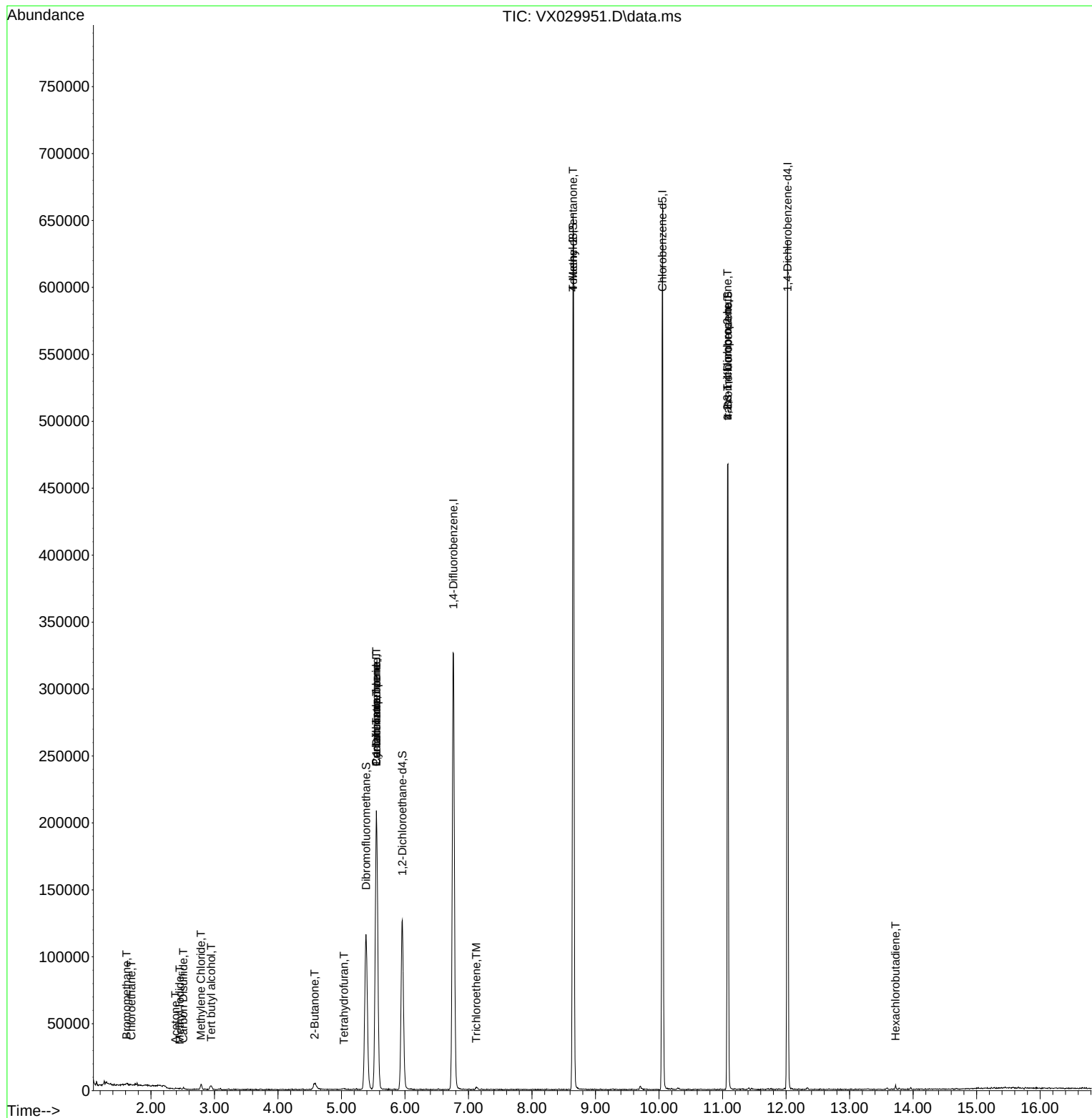
Internal Standards						
1) Pentafluorobenzene	5.550	168	208140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111250	42.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.440%
35) Dibromofluoromethane	5.385	113	103460	46.893	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.780%
50) Toluene-d8	8.647	98	402173	48.590	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.180%
62) 4-Bromofluorobenzene	11.085	95	132385	45.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	363	0.283	ug/l #	76
6) Chloroethane	1.691	64	146	1.120	ug/l #	41
10) Methyl Iodide	2.453	142	930	2.186	ug/l #	90
11) Tert butyl alcohol	2.946	59	1583	2.297	ug/l #	74
13) Acrolein	2.233	56	31	Below Cal	#	14
16) Acetone	2.386	43	1077	0.836	ug/l #	83
17) Carbon Disulfide	2.508	76	1209	0.227	ug/l	99
20) Methylene Chloride	2.788	84	1652	0.607	ug/l	89
25) 2-Butanone	4.574	43	499	0.223	ug/l #	48
29) Tetrahydrofuran	5.038	42	717	0.487	ug/l #	39
31) Cyclohexane	5.550	56	4041	1.100	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14778	5.036	ug/l #	48
38) Carbon Tetrachloride	5.550	117	19549	7.688	ug/l #	17
44) Trichloroethene	7.123	130	691	0.270	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	1586	0.398	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	61367	19.558	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61367	62.110	ug/l #	13
94) Hexachlorobutadiene	13.725	225	447	0.463	ug/l	76

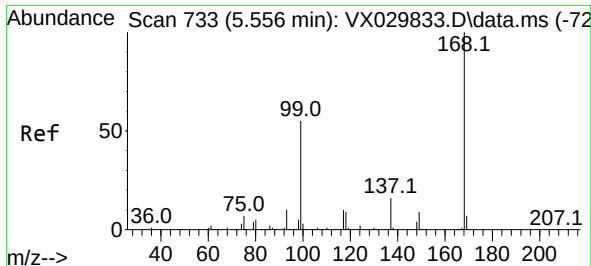
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

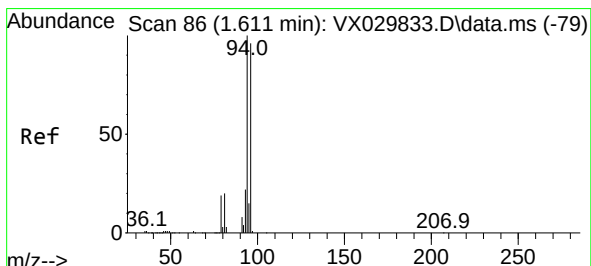
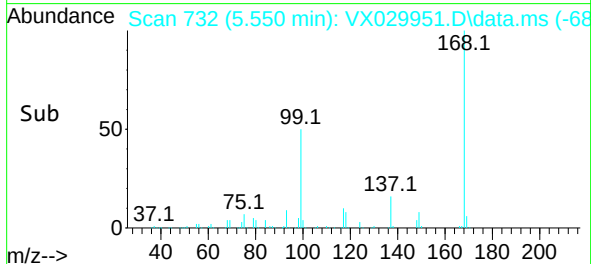
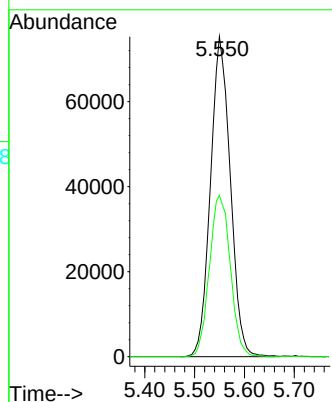
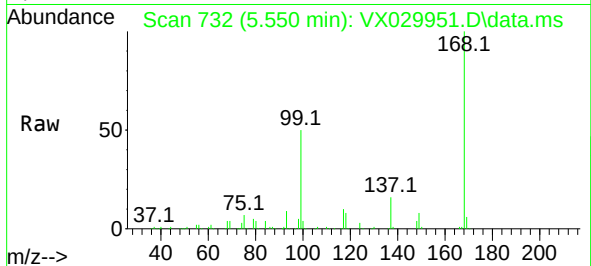




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

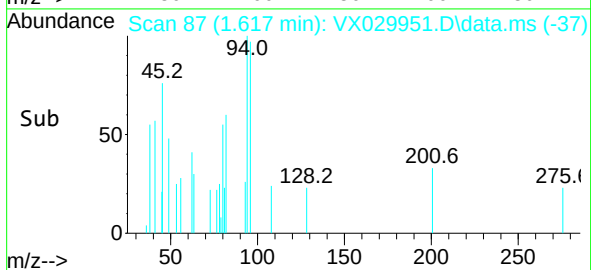
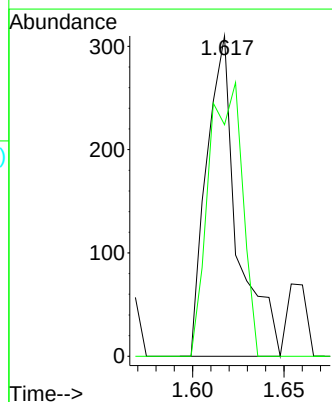
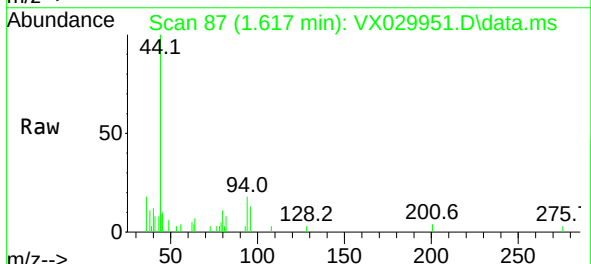
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

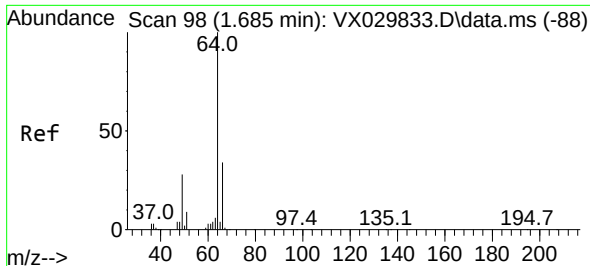
Tgt Ion:168 Resp: 208140
Ion Ratio Lower Upper
168 100
99 50.5 44.0 66.0



#5
Bromomethane
Concen: 0.283 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 72.3 76.9 115.3#

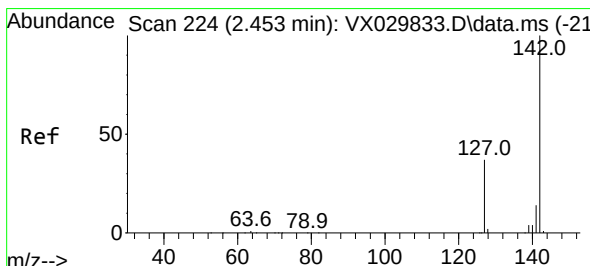
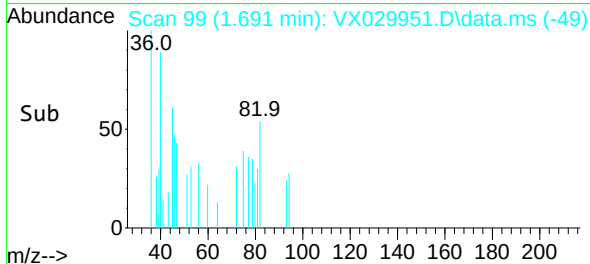
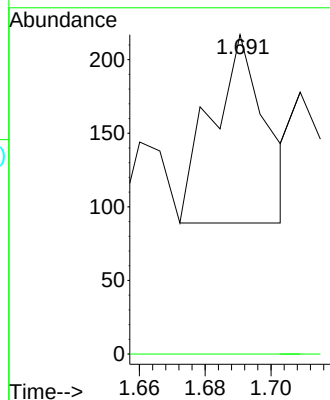
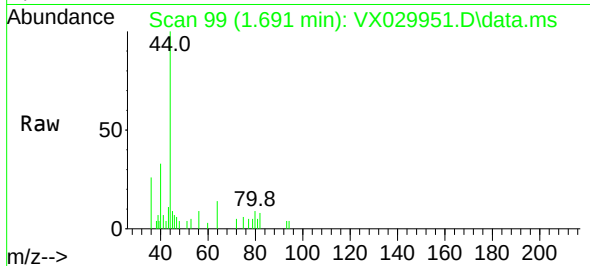




#6
Chloroethane
Concen: 1.120 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

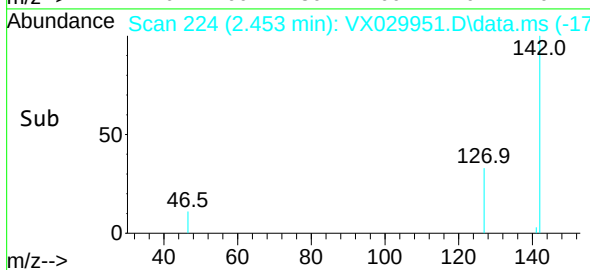
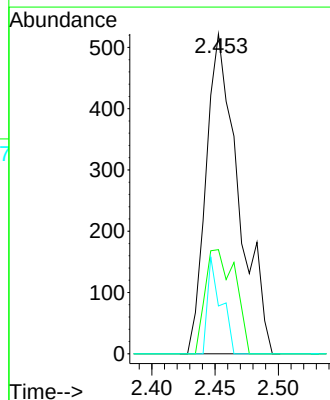
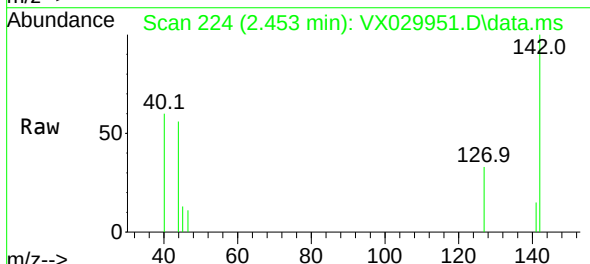
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

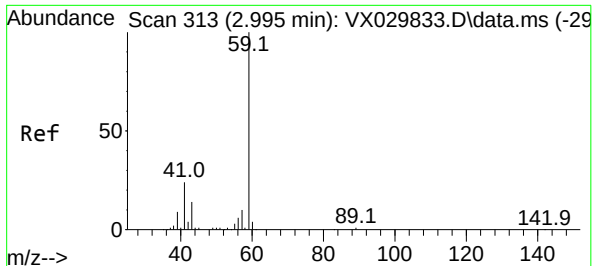
Tgt Ion: 64 Resp: 146
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.186 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion: 142 Resp: 930
Ion Ratio Lower Upper
142 100
127 30.0 30.2 45.2#
141 12.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 2.297 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

Instrument :

MSVOA_X

ClientSampleId :

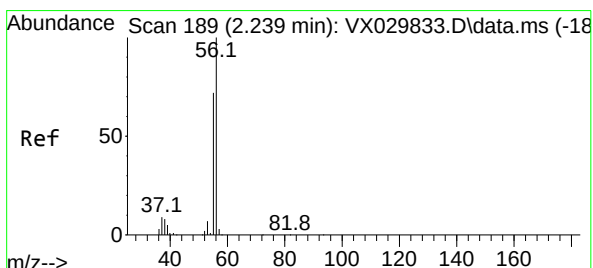
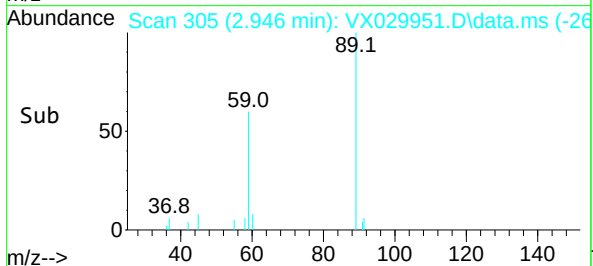
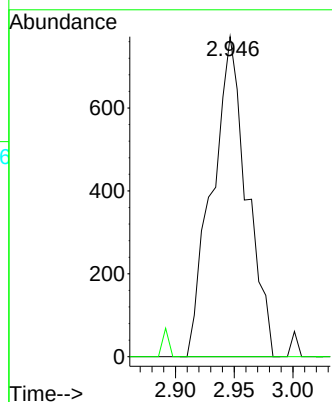
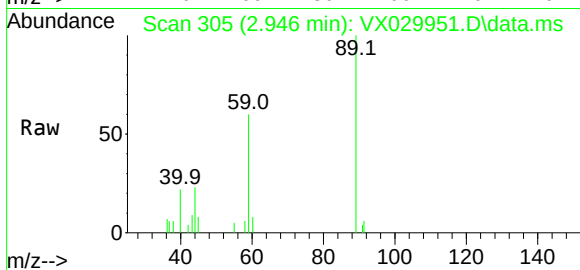
VX0707WBL01

Tgt Ion: 59 Resp: 1583

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: Below Cal

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX029951.D

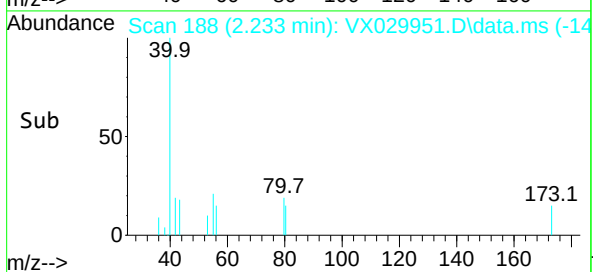
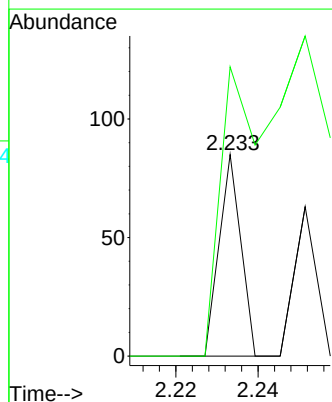
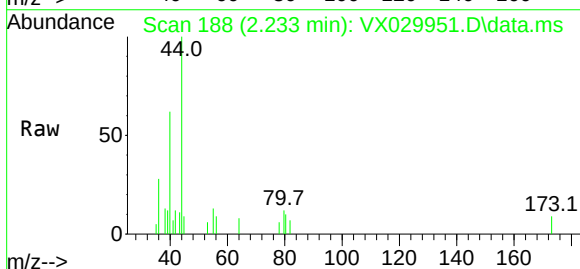
Acq: 07 Jul 2022 09:32

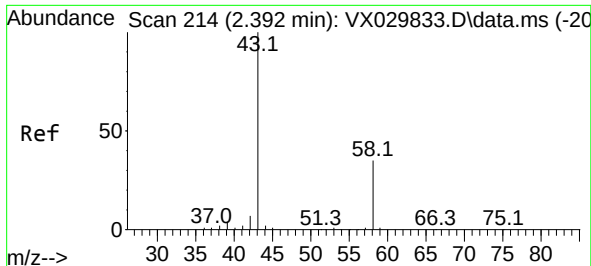
Tgt Ion: 56 Resp: 31

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

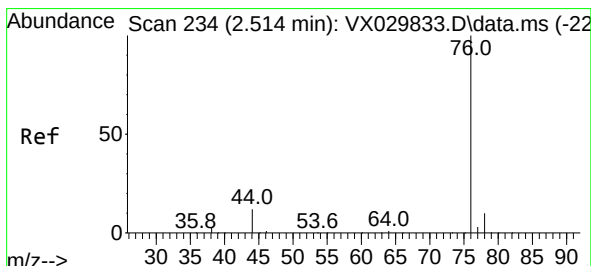
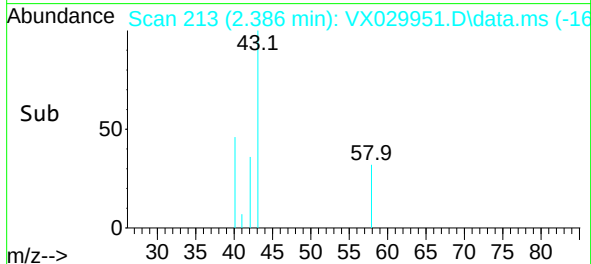
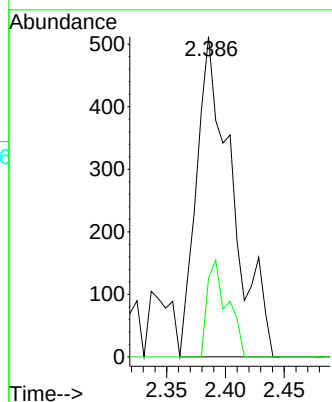
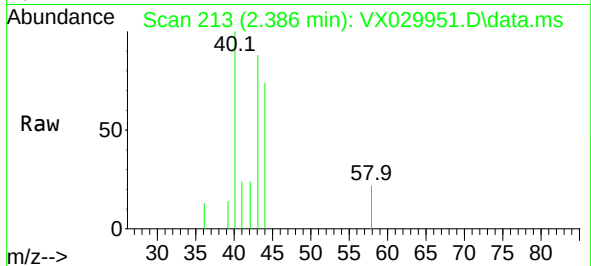




#16
Acetone
Concen: 0.836 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

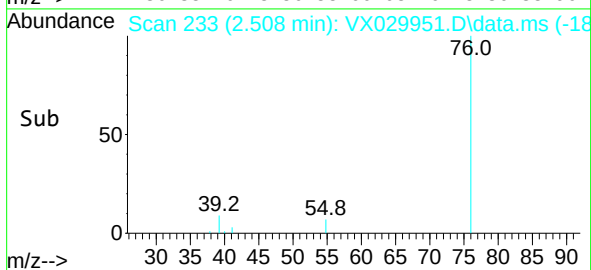
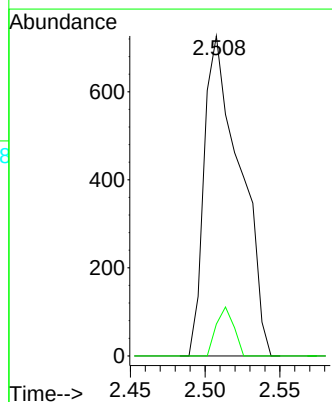
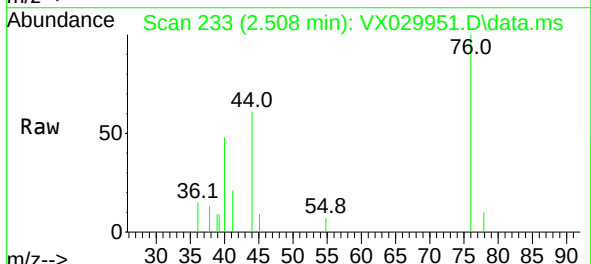
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

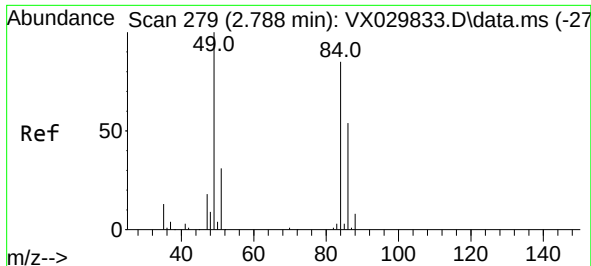
Tgt Ion: 43 Resp: 1077
Ion Ratio Lower Upper
43 100
58 24.6 27.7 41.5#



#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

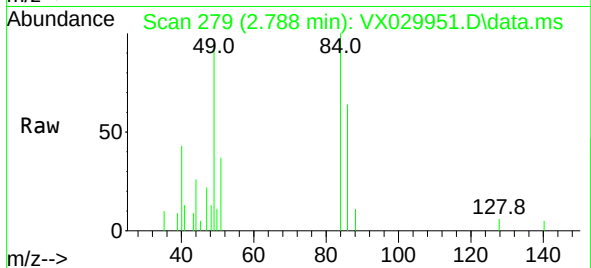
Tgt Ion: 76 Resp: 1209
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.6



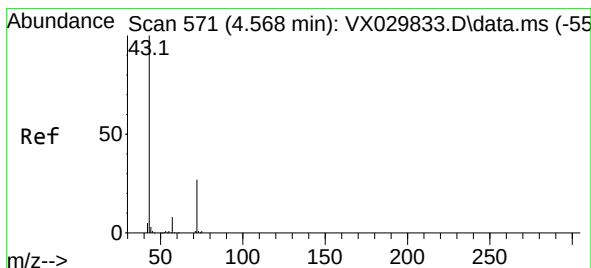
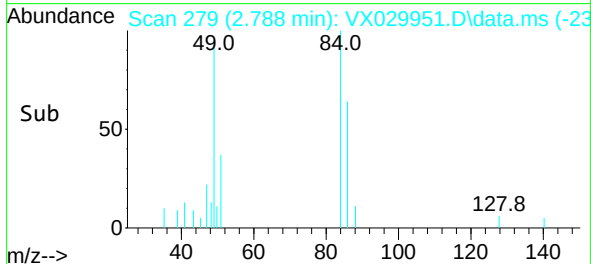
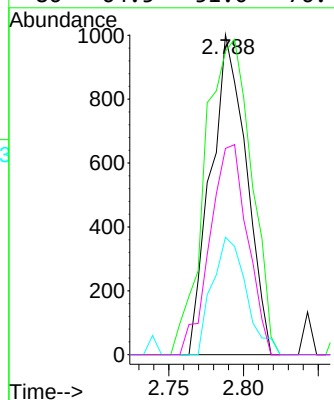


#20
Methylene Chloride
Concen: 0.607 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

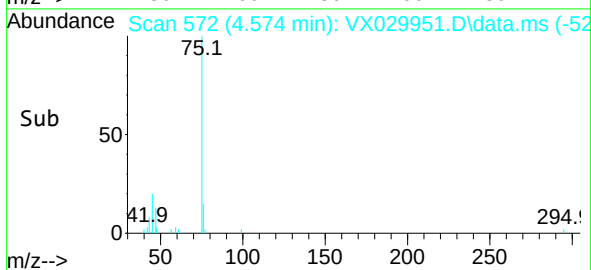
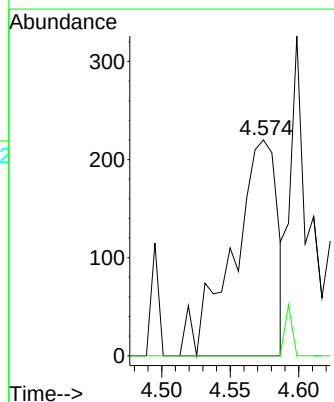
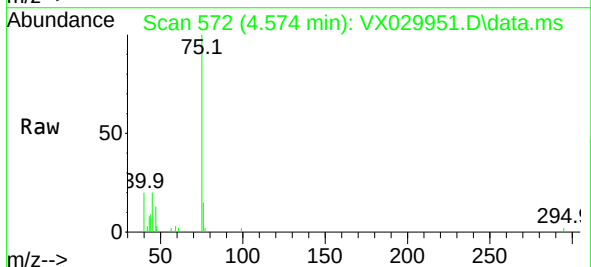


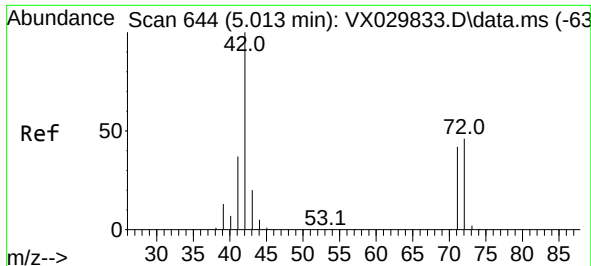
Tgt Ion: 84	Resp: 1652
Ion Ratio	Lower Upper
84 100	
49 94.8	93.8 140.6
51 36.7	29.4 44.0
86 64.5	51.0 76.4



#25
2-Butanone
Concen: 0.223 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion: 43	Resp: 499		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.7	32.5#	





#29

Tetrahydrofuran

Concen: 0.487 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

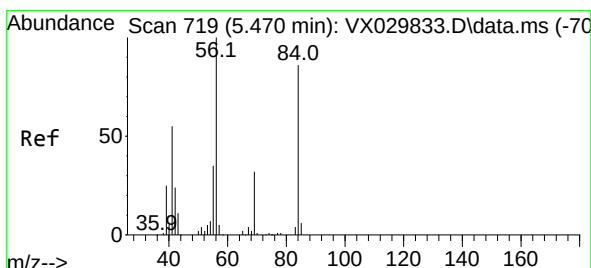
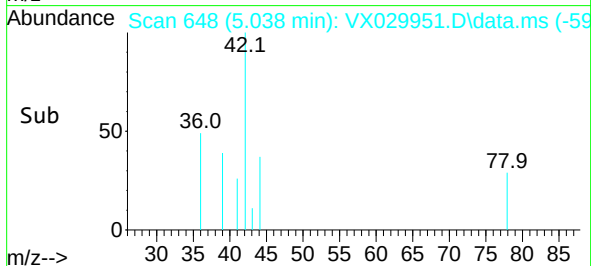
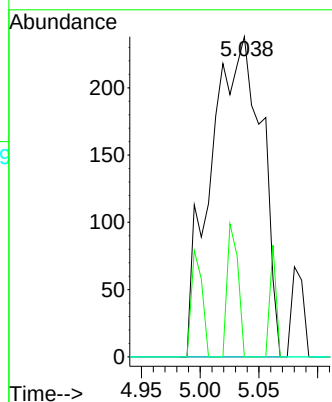
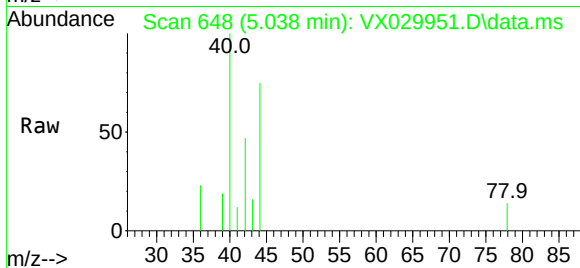
Tgt Ion: 42 Resp: 717

Ion Ratio Lower Upper

42 100

72 8.9 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.100 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

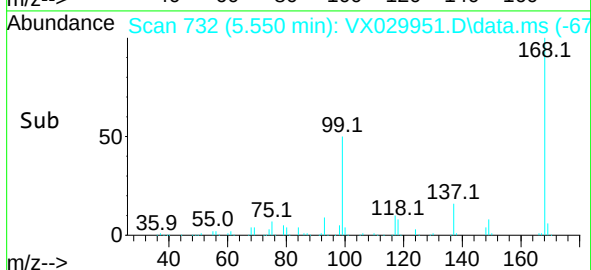
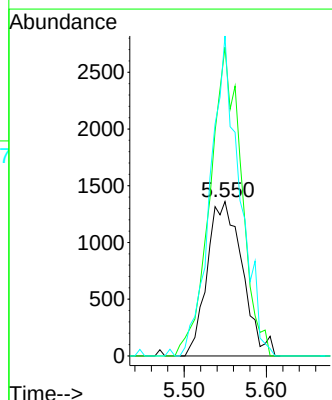
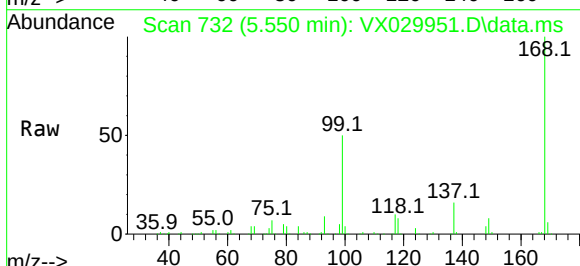
Tgt Ion: 56 Resp: 4041

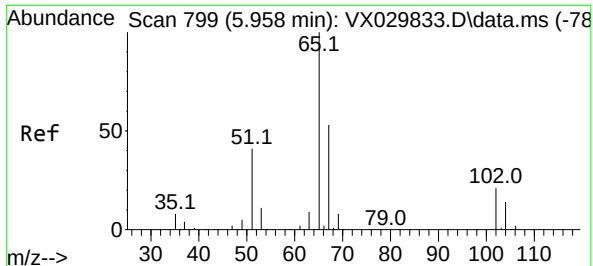
Ion Ratio Lower Upper

56 100

69 200.1 25.4 38.0#

84 207.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 42.225 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

Instrument :

MSVOA_X

ClientSampleId :

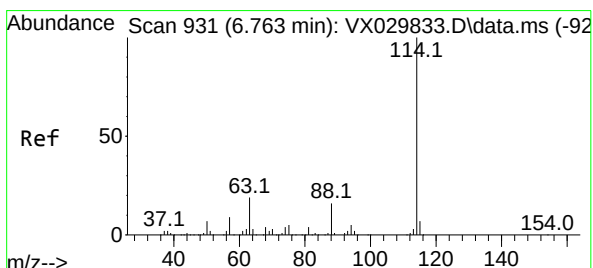
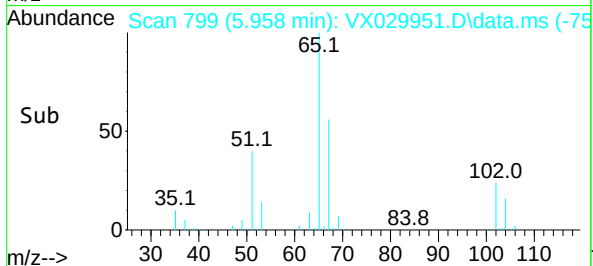
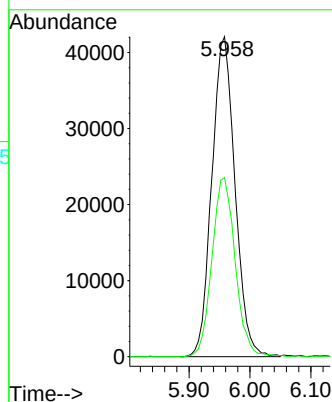
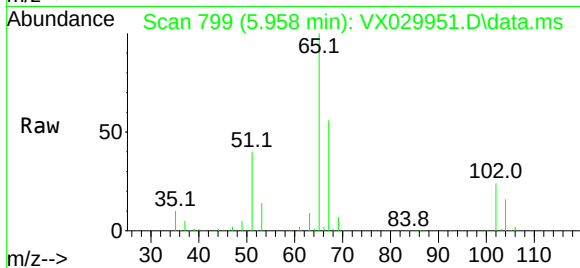
VX0707WBL01

Tgt Ion: 65 Resp: 111250

Ion Ratio Lower Upper

65 100

67 56.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

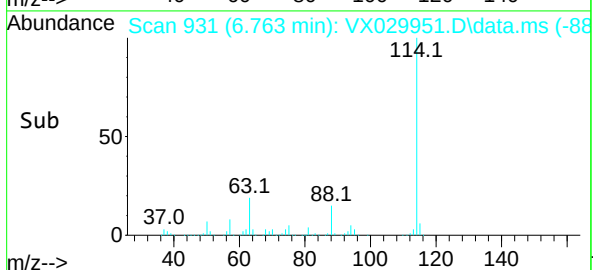
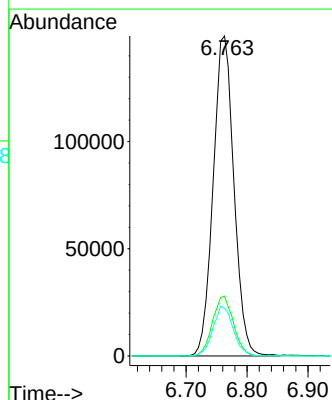
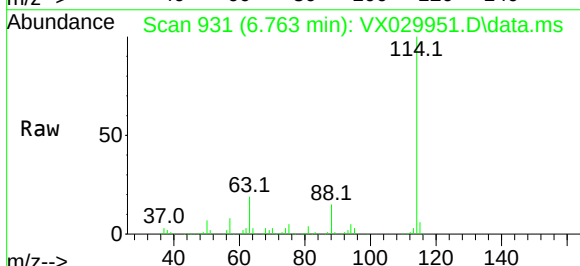
Tgt Ion: 114 Resp: 353034

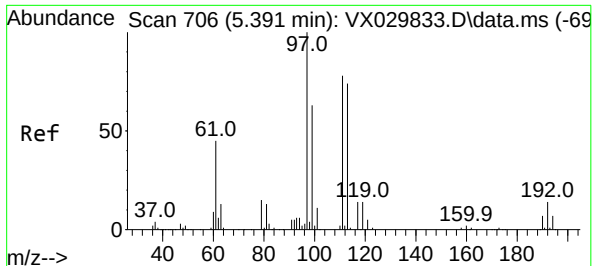
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.893 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

Instrument :

MSVOA_X

ClientSampleId :

VX0707WBL01

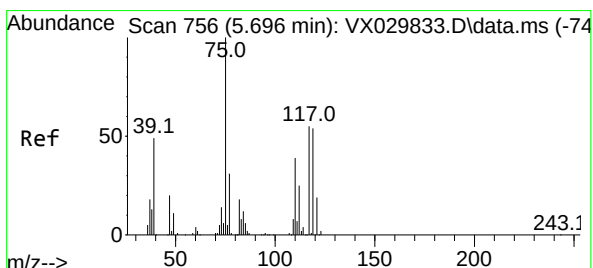
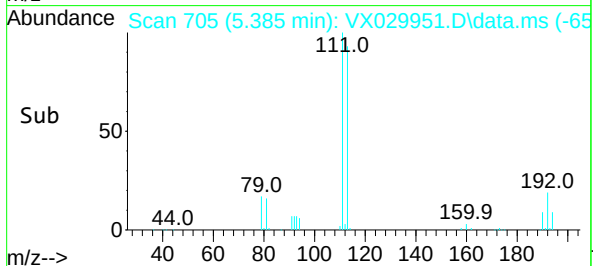
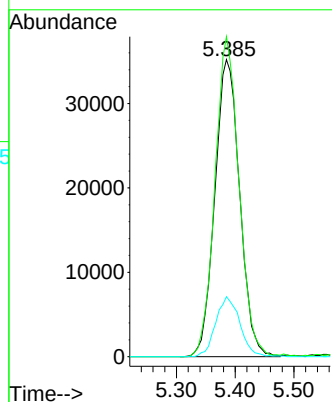
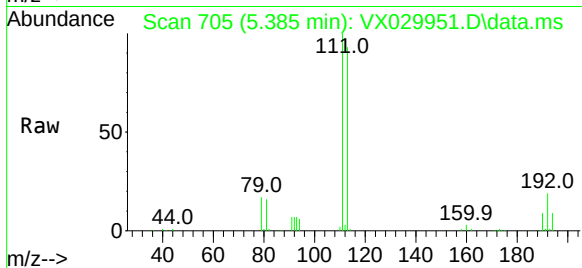
Tgt Ion:113 Resp: 103460

Ion Ratio Lower Upper

113 100

111 104.0 83.2 124.8

192 19.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.036 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

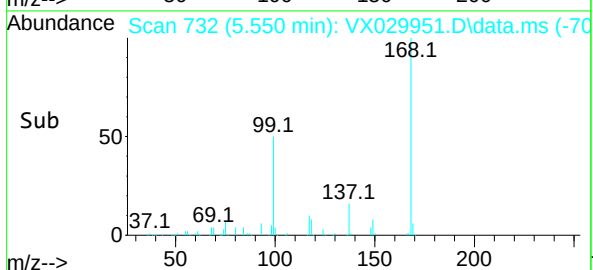
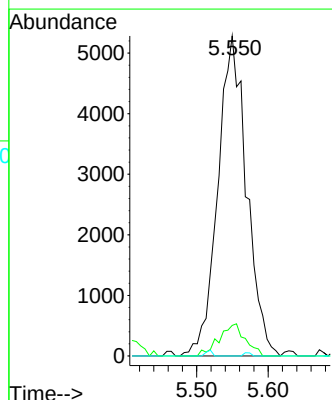
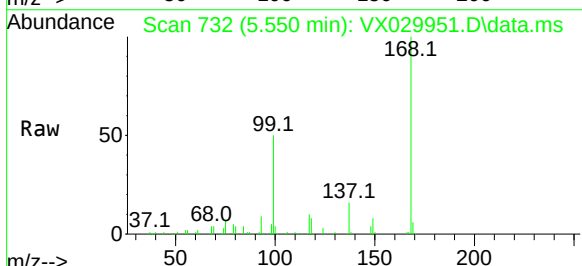
Tgt Ion: 75 Resp: 14778

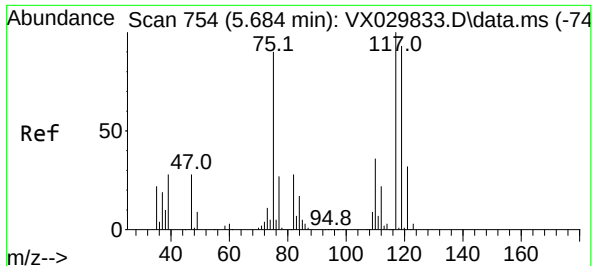
Ion Ratio Lower Upper

75 100

110 9.1 19.3 57.9#

77 0.3 24.4 36.6#

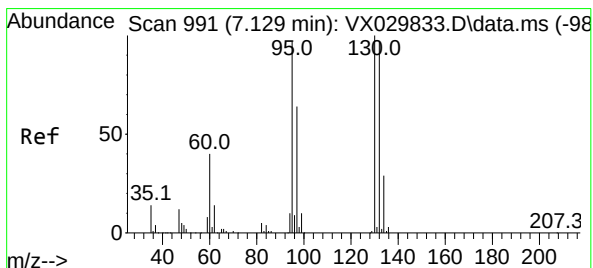
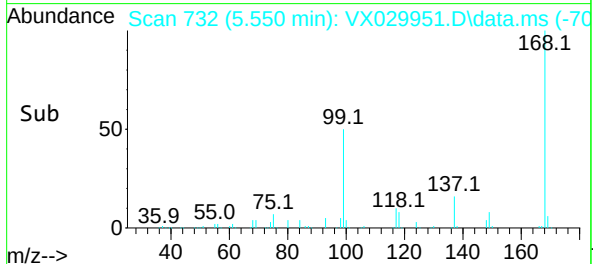
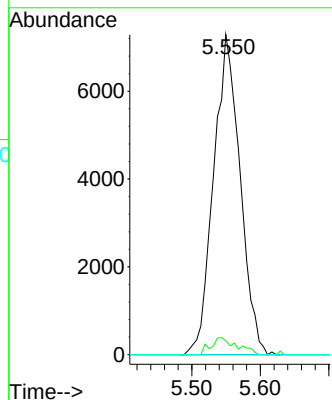
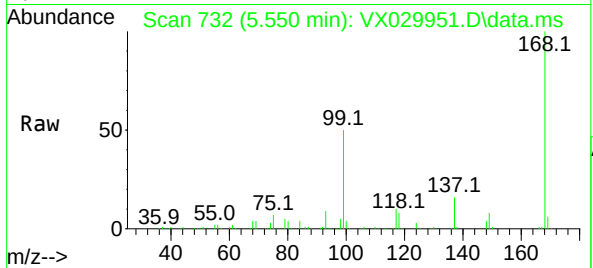




#38
Carbon Tetrachloride
Concen: 7.688 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

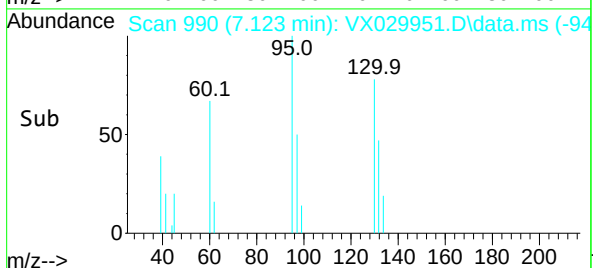
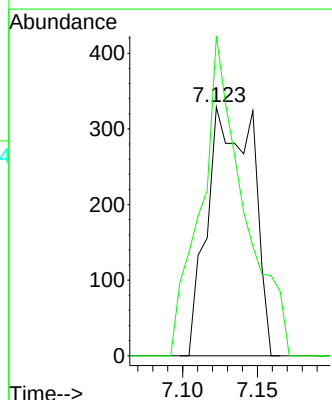
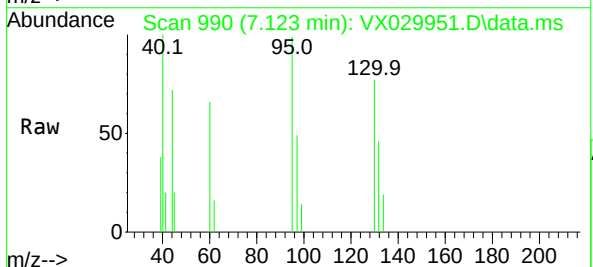
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

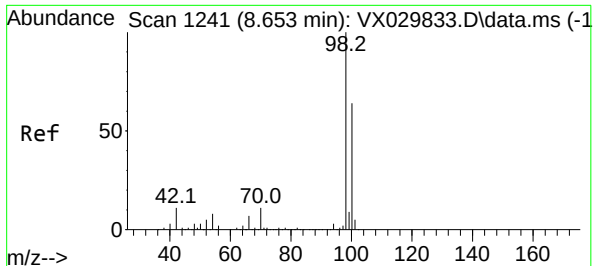
Tgt Ion:117 Resp: 19549
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.270 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion:130 Resp: 691
Ion Ratio Lower Upper
130 100
95 102.7 0.0 194.8





#50

Toluene-d8

Concen: 48.590 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX029951.D

Acq: 07 Jul 2022 09:32

Instrument :

MSVOA_X

ClientSampleId :

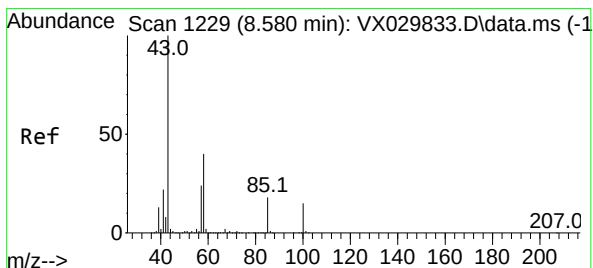
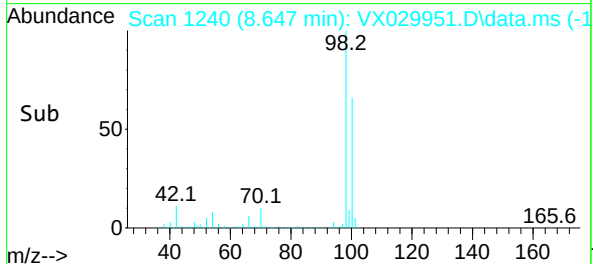
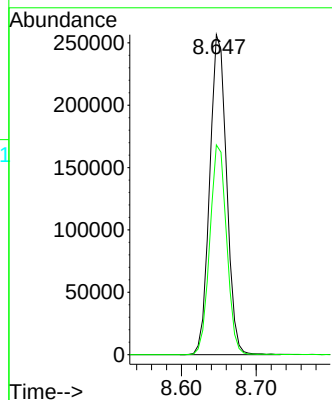
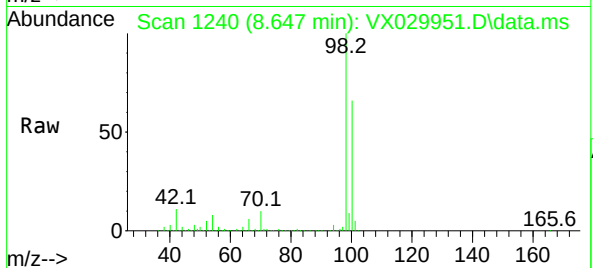
VX0707WBL01

Tgt Ion: 98 Resp: 402173

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.398 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX029951.D

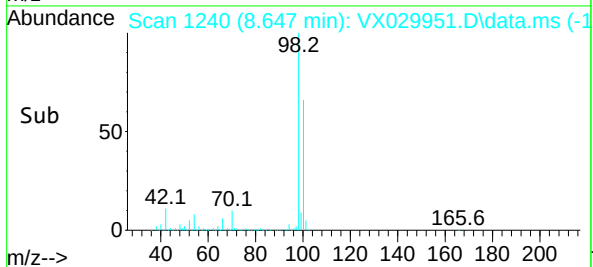
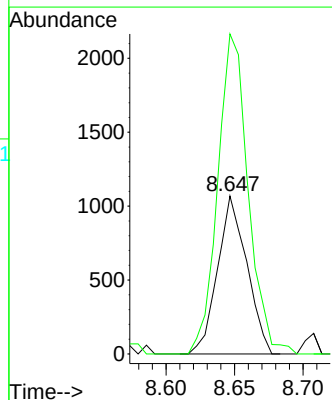
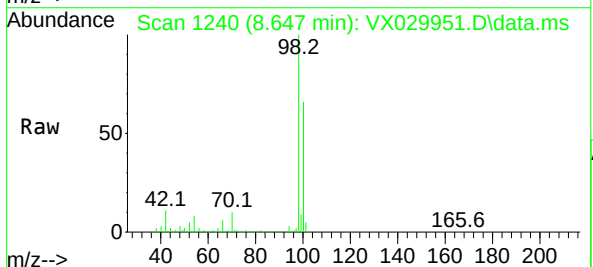
Acq: 07 Jul 2022 09:32

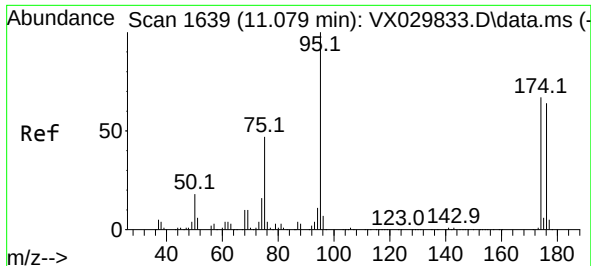
Tgt Ion: 43 Resp: 1586

Ion Ratio Lower Upper

43 100

58 211.2 31.4 47.2#

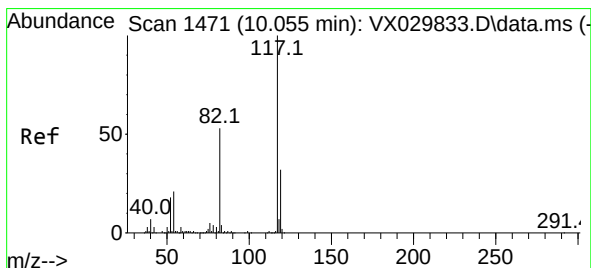
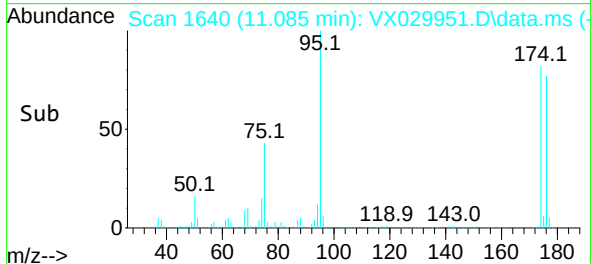
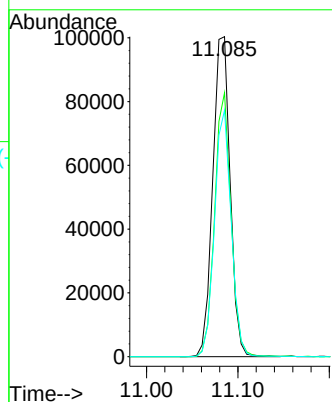
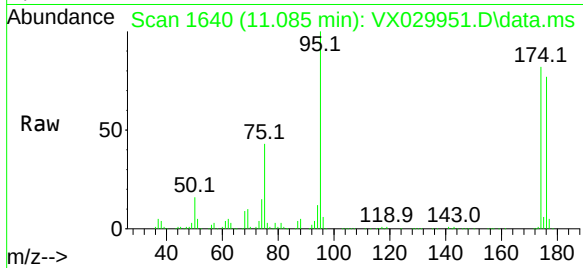




#62
4-Bromofluorobenzene
Concen: 45.249 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

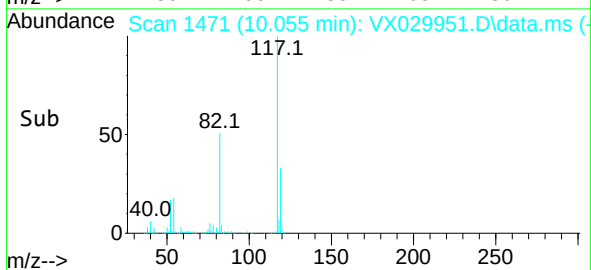
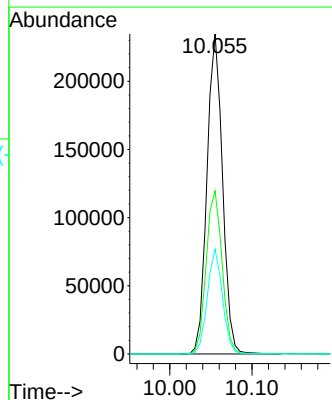
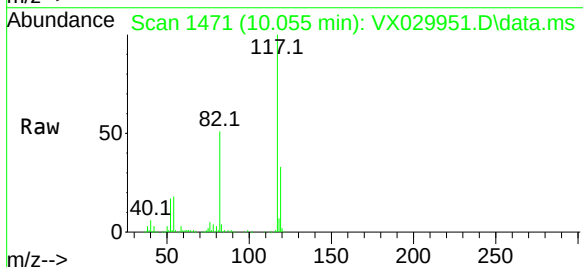
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

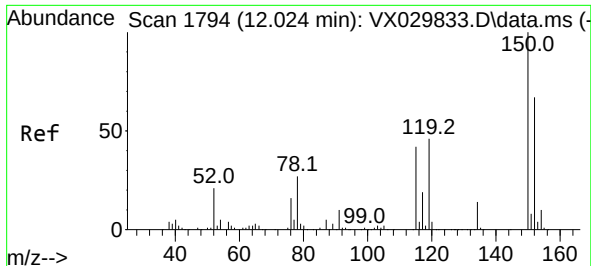
Tgt Ion: 95 Resp: 132385
Ion Ratio Lower Upper
95 100
174 77.7 0.0 149.0
176 74.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion: 117 Resp: 308762
Ion Ratio Lower Upper
117 100
82 51.0 42.7 64.1
119 32.8 25.4 38.2

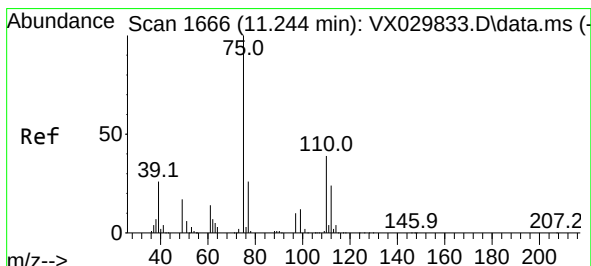
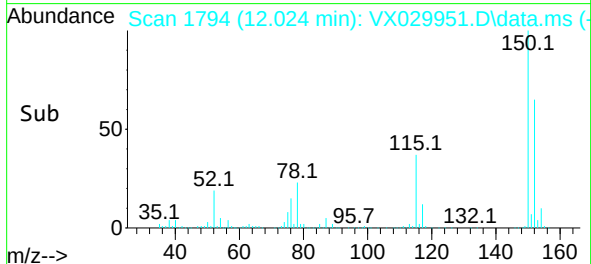
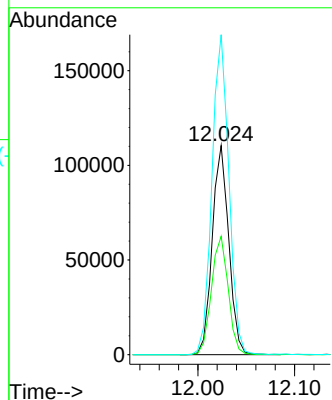
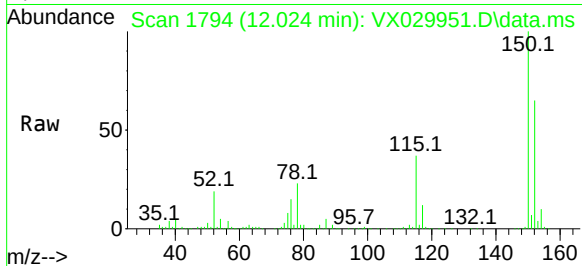




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

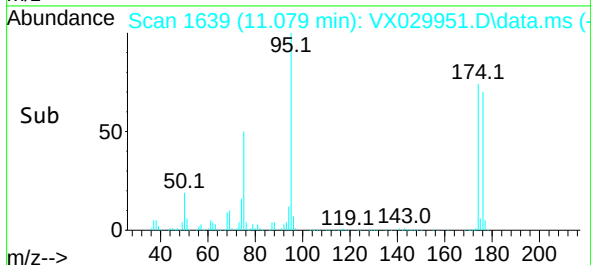
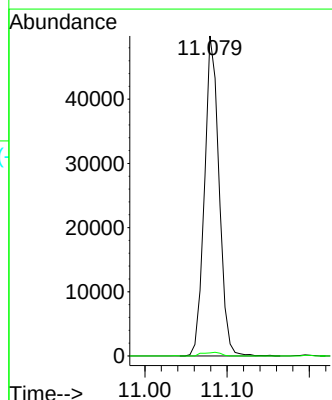
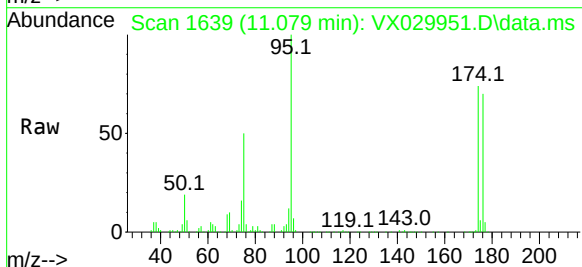
Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

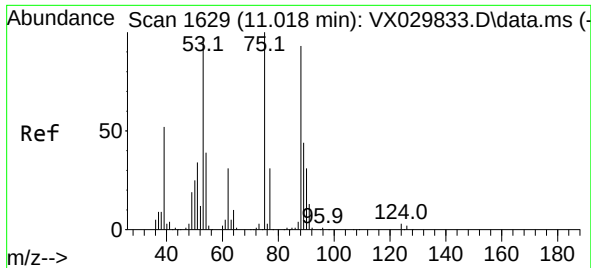
Tgt Ion:152 Resp: 131075
Ion Ratio Lower Upper
152 100
115 57.5 40.5 121.5
150 156.9 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 19.558 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion: 75 Resp: 61367
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#

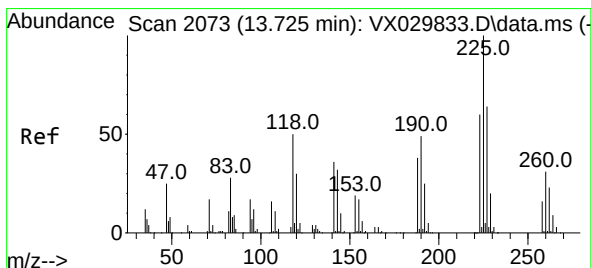
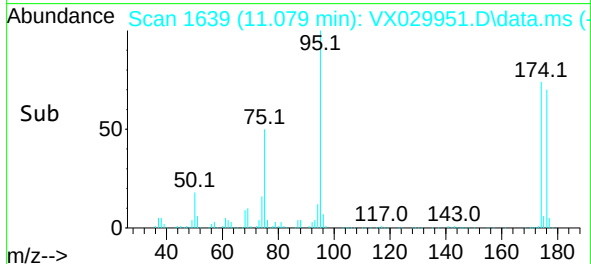
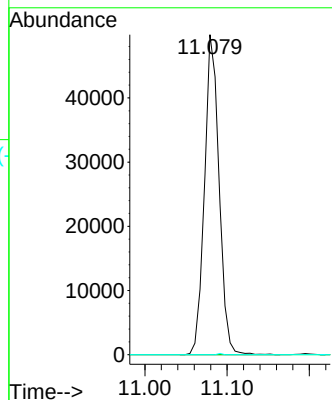
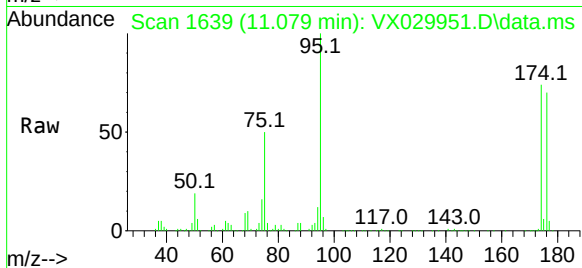




#81
trans-1,4-Dichloro-2-butene
Concen: 62.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Instrument :
MSVOA_X
ClientSampleId :
VX0707WBL01

Tgt Ion: 75 Resp: 61367
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#



#94
Hexachlorobutadiene
Concen: 0.463 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029951.D
Acq: 07 Jul 2022 09:32

Tgt Ion: 225 Resp: 447
Ion Ratio Lower Upper
225 100
223 44.5 30.6 91.6
227 84.8 31.9 95.9

