

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029955.D
 Acq On : 07 Jul 2022 15:17
 Operator : JC/MD
 Sample : N3617-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-07-06

Quant Time: Jul 08 05:34:12 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)

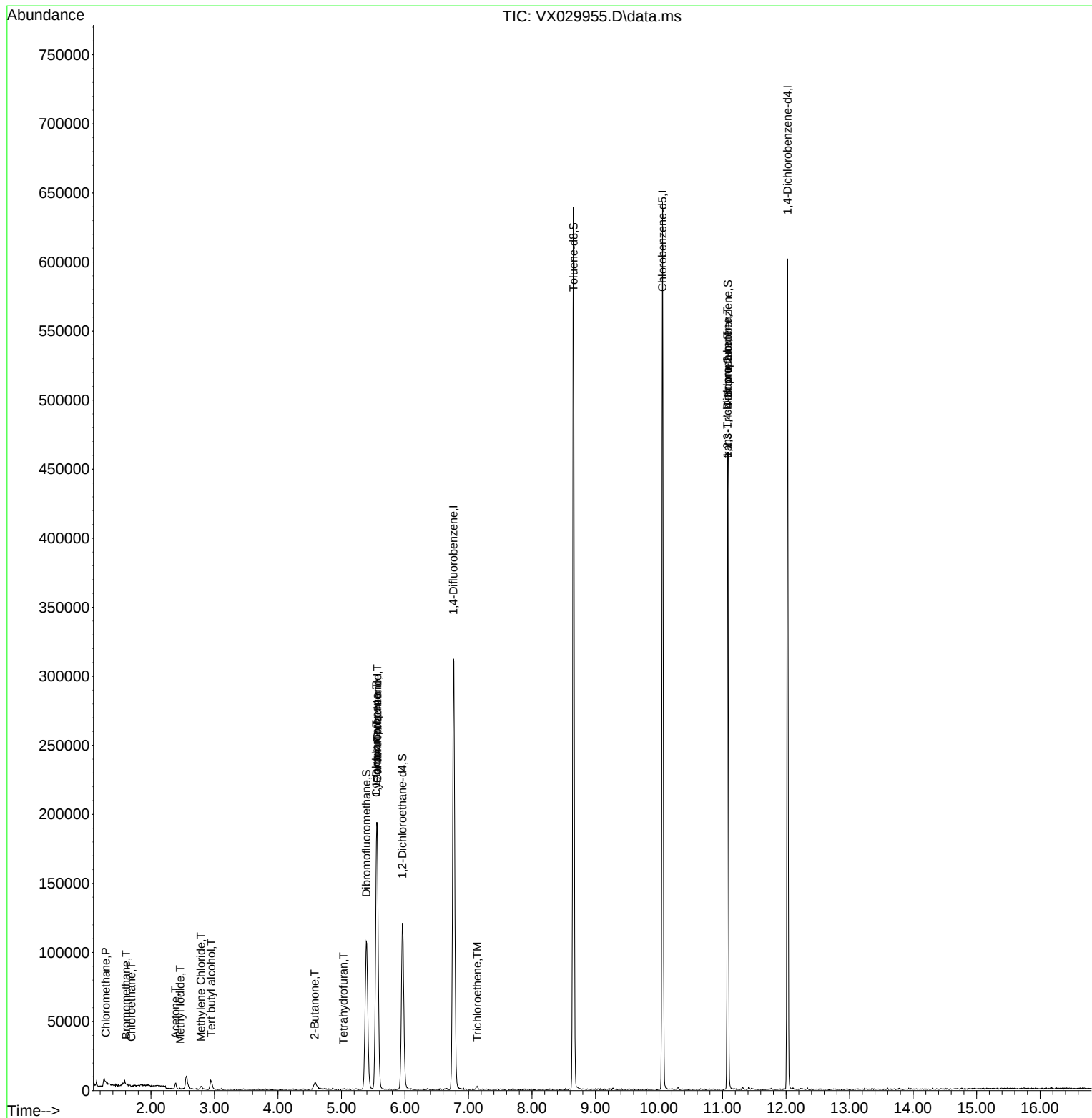
Internal Standards						
1) Pentafluorobenzene	5.562	168	197115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	340015	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106642	42.740	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.480%		
35) Dibromofluoromethane	5.391	113	98906	46.546	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.100%		
50) Toluene-d8	8.653	98	385167	48.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.085	95	127492	45.245	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.480%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	469	0.212	ug/l #	75
5) Bromomethane	1.605	94	357	0.294	ug/l #	24
6) Chloroethane	1.691	64	137	1.119	ug/l #	41
10) Methyl Iodide	2.459	142	832	2.169	ug/l #	88
11) Tert butyl alcohol	2.947	59	4210	6.452	ug/l #	76
13) Acrolein	2.245	56	20	Below Cal	#	1
16) Acetone	2.386	43	4718	3.865	ug/l	89
20) Methylene Chloride	2.788	84	1187	0.460	ug/l #	90
25) 2-Butanone	4.574	43	502	0.237	ug/l #	48
29) Tetrahydrofuran	5.032	42	302	0.217	ug/l #	51
31) Cyclohexane	5.550	56	3941	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	15121	5.350	ug/l #	47
38) Carbon Tetrachloride	5.562	117	18464	7.540	ug/l #	17
44) Trichloroethene	7.135	130	822	0.334	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	59242	20.101	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59242	63.837	ug/l #	13

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

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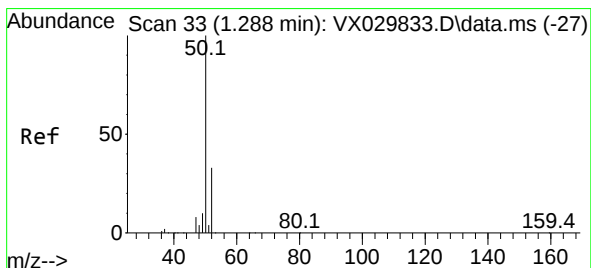
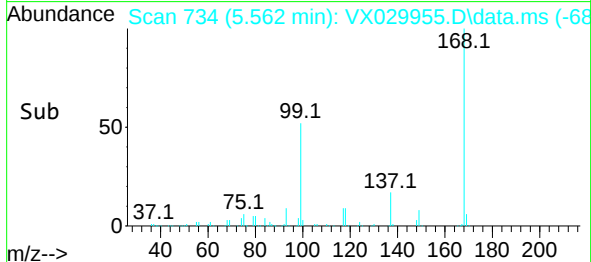
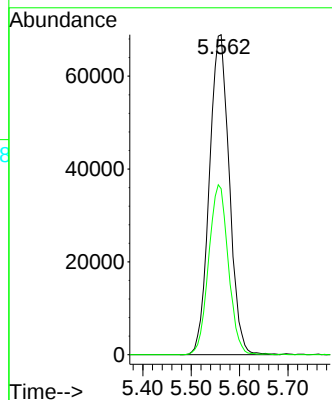
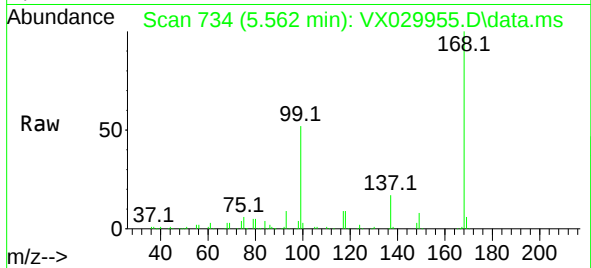




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

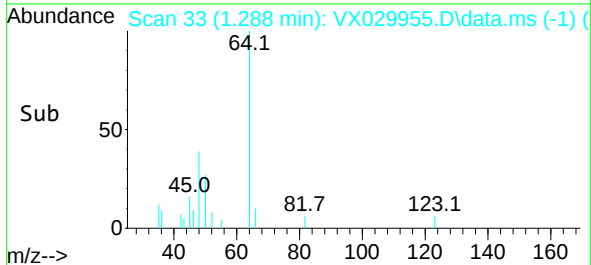
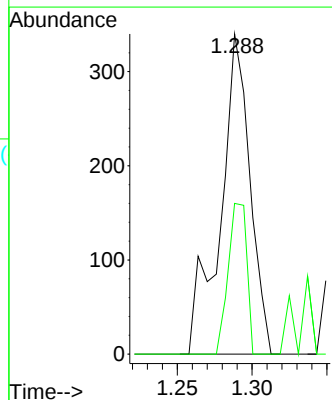
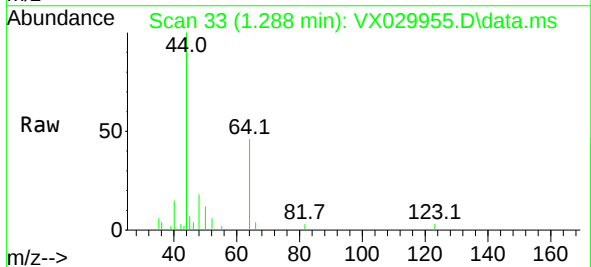
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

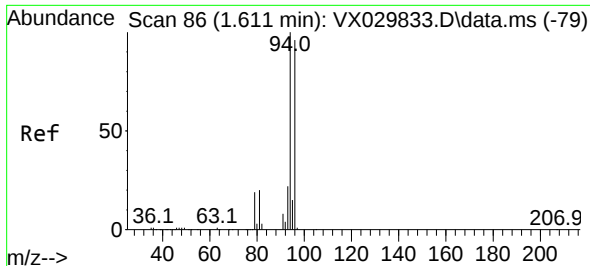
Tgt Ion:168 Resp: 197115
Ion Ratio Lower Upper
168 100
99 51.9 44.0 66.0



#3
Chloromethane
Concen: 0.212 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion: 50 Resp: 469
Ion Ratio Lower Upper
50 100
52 47.1 26.3 39.5

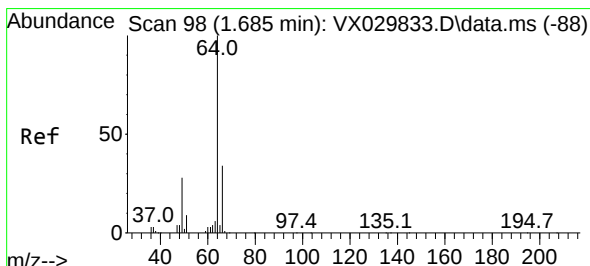
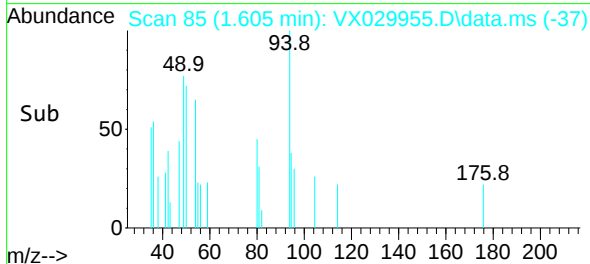
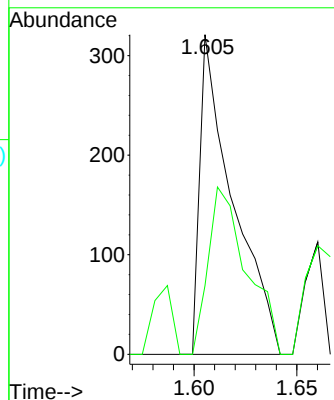
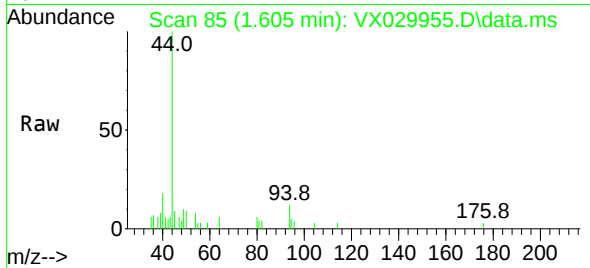




#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

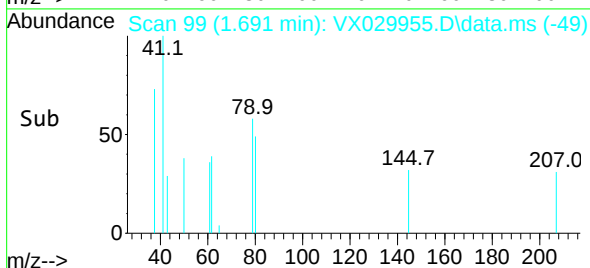
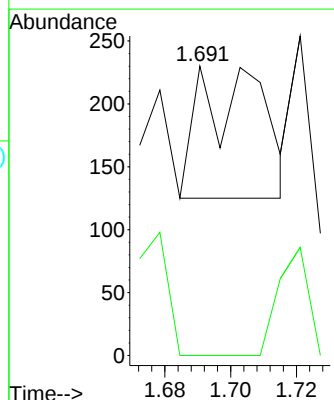
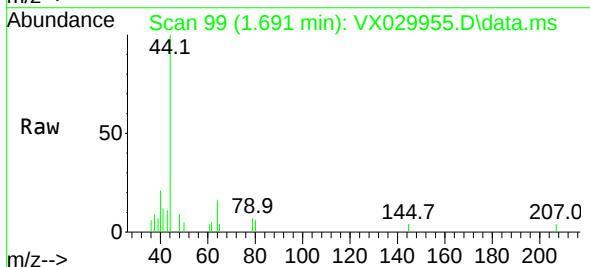
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

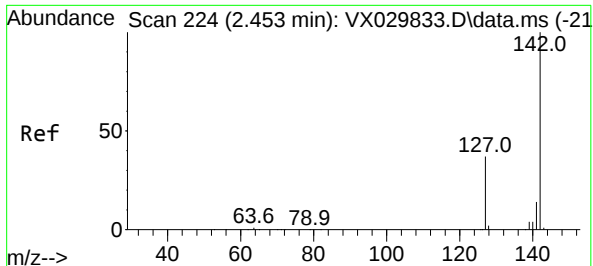
Tgt Ion: 94 Resp: 357
Ion Ratio Lower Upper
94 100
96 21.5 76.9 115.3#



#6
Chloroethane
Concen: 1.119 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion: 64 Resp: 137
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

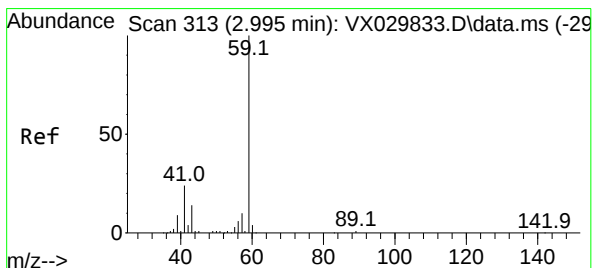
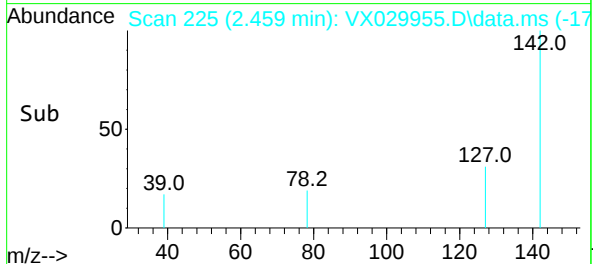
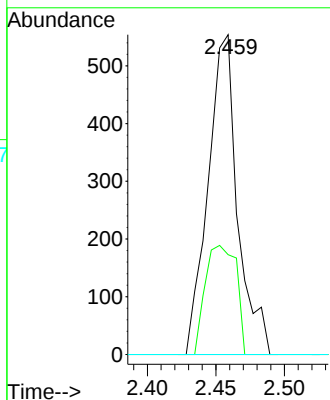
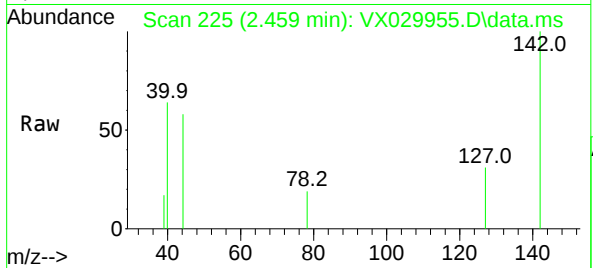




#10
Methyl Iodide
Concen: 2.169 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

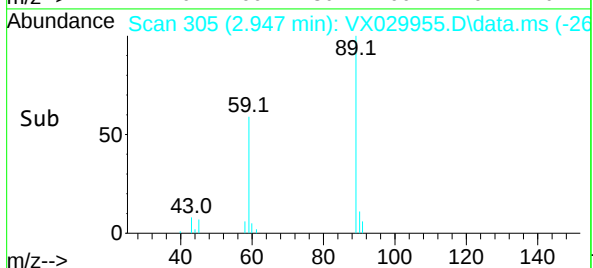
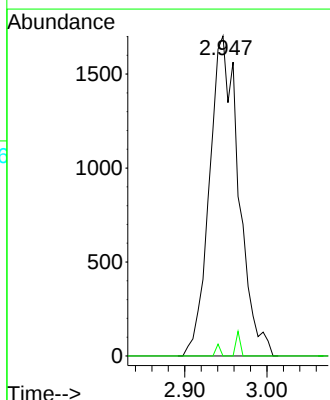
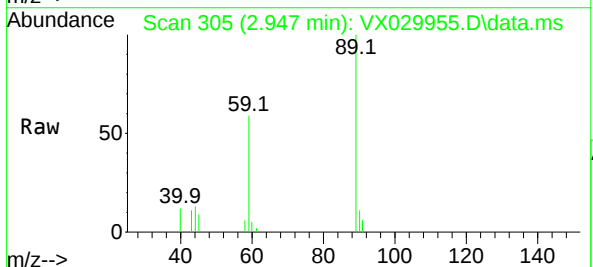
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

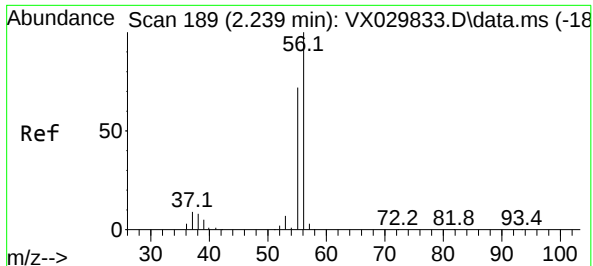
Tgt Ion:142 Resp: 832
Ion Ratio Lower Upper
142 100
127 35.7 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 6.452 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion: 59 Resp: 4210
Ion Ratio Lower Upper
59 100
57 0.5 7.4 11.2#

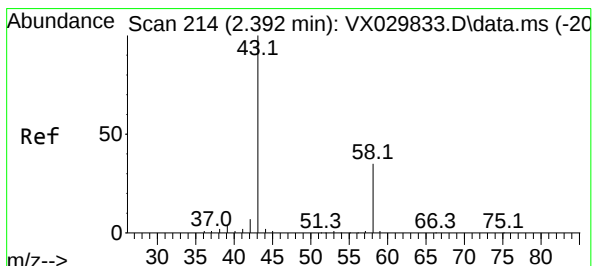
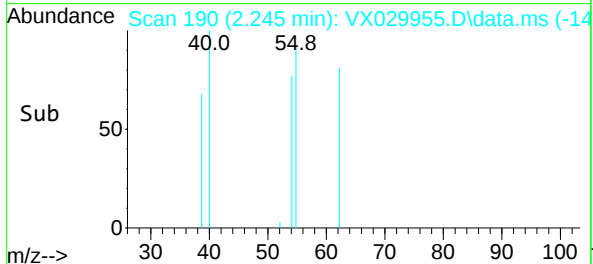
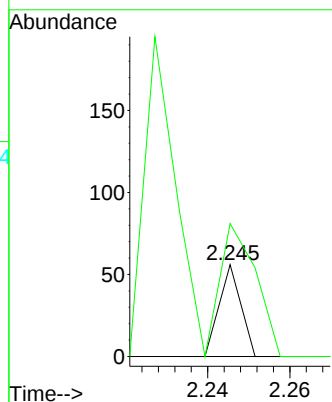
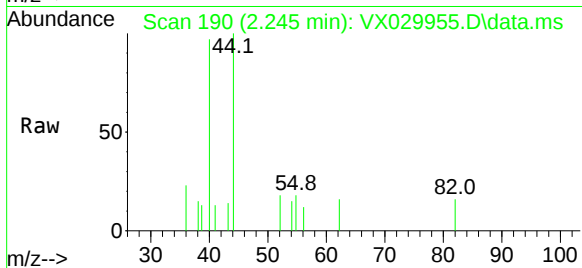




#13
Acrolein
Concen: Below Cal
RT: 2.245 min Scan# 19
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

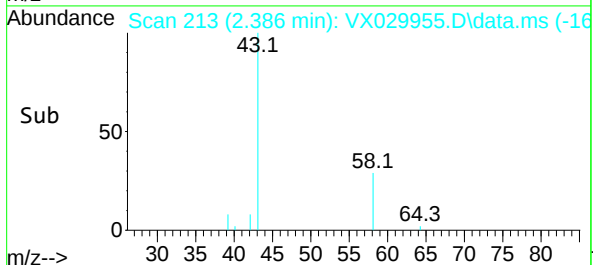
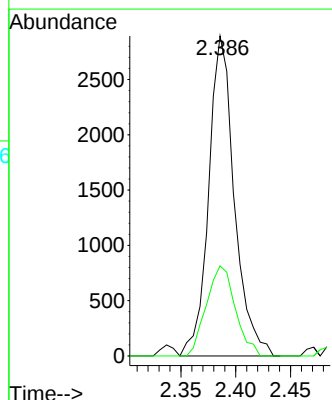
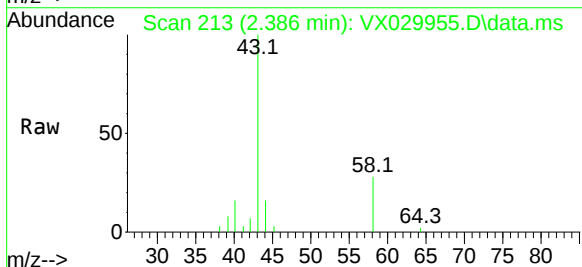
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

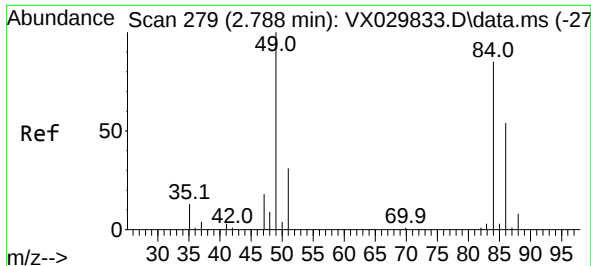
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 245.0 56.6 84.8#



#16
Acetone
Concen: 3.865 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

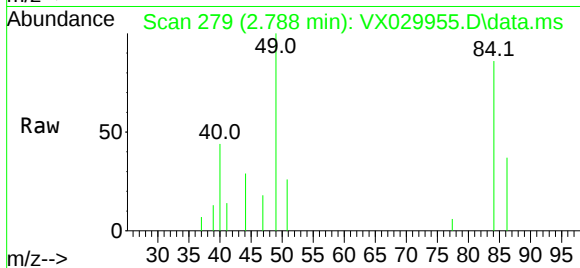
Tgt Ion: 43 Resp: 4718
Ion Ratio Lower Upper
43 100
58 28.2 27.7 41.5



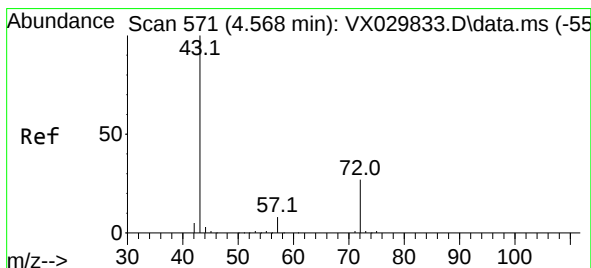
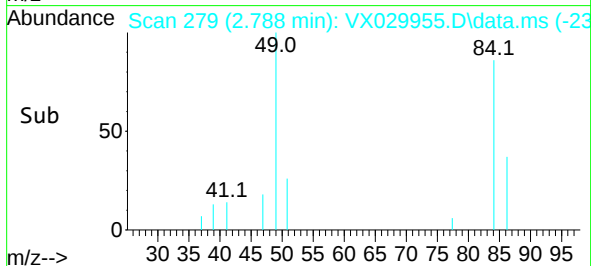
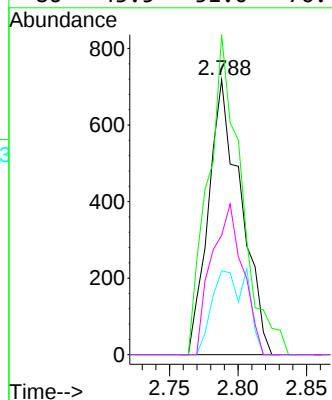


#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

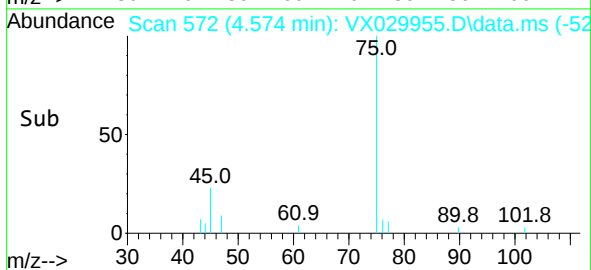
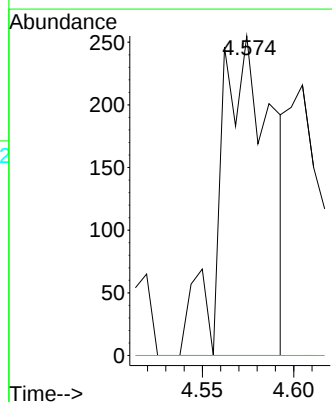
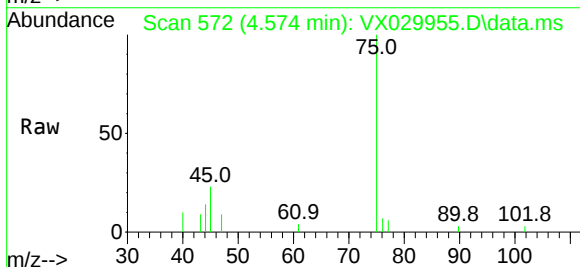


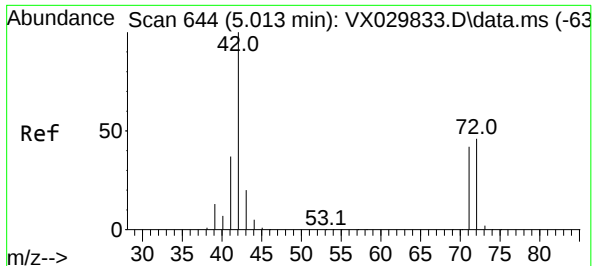
Tgt Ion:	84	Resp:	1187
Ion	Ratio	Lower	Upper
84	100		
49	116.4	93.8	140.6
51	30.5	29.4	44.0
86	43.5	51.0	76.4



#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion:	43	Resp:	502
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5





#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX029955.D

Acq: 07 Jul 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-07-06

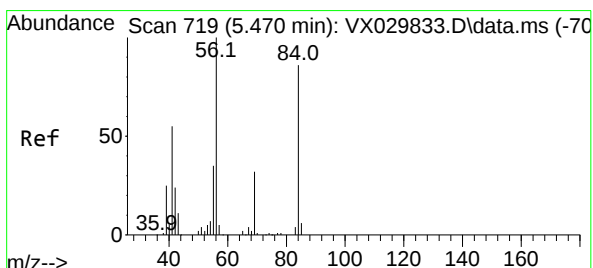
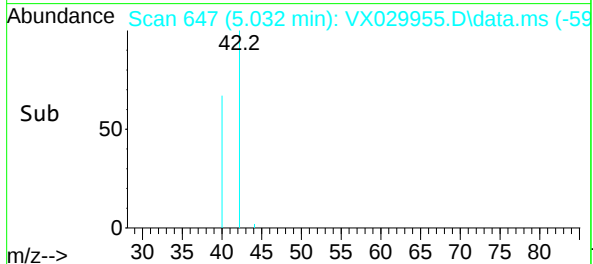
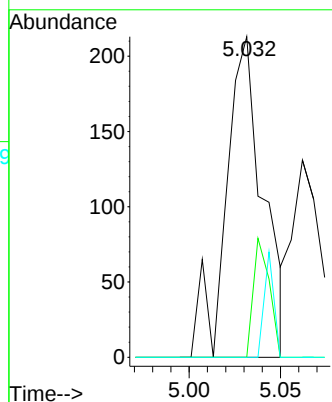
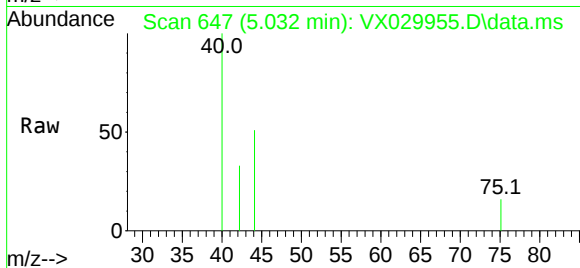
Tgt Ion: 42 Resp: 302

Ion Ratio Lower Upper

42 100

72 15.9 36.5 54.7#

71 8.6 33.9 50.9#



#31

Cyclohexane

Concen: 1.133 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029955.D

Acq: 07 Jul 2022 15:17

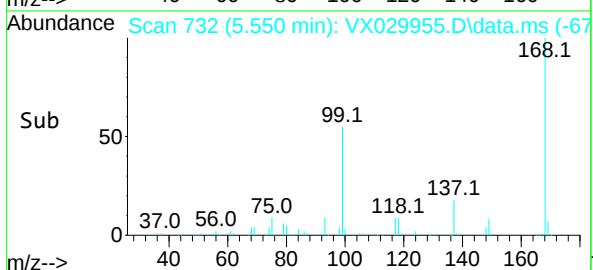
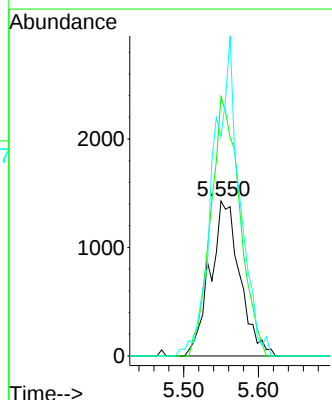
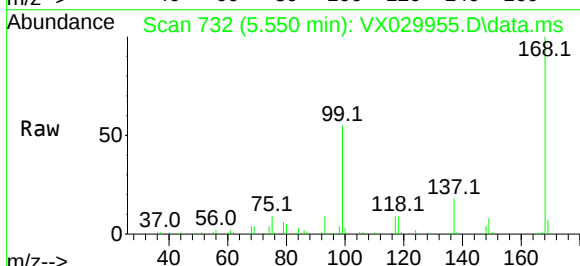
Tgt Ion: 56 Resp: 3941

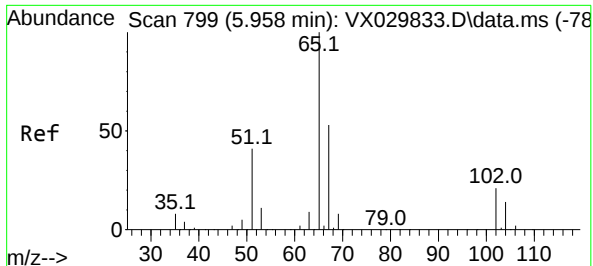
Ion Ratio Lower Upper

56 100

69 167.4 25.4 38.0#

84 141.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 42.740 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029955.D

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ClientSampleId :

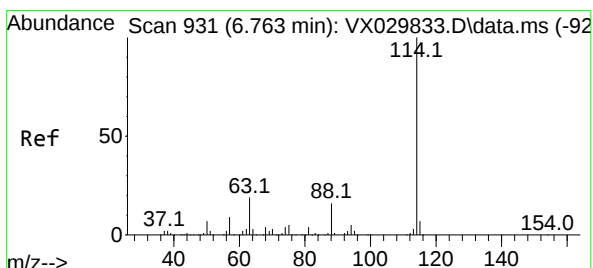
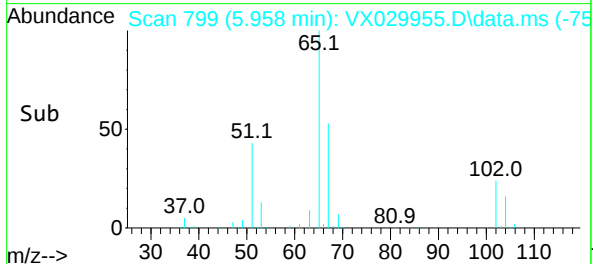
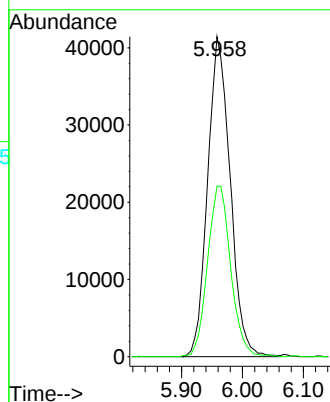
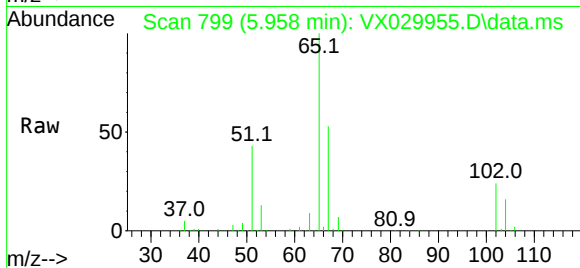
EB-2022-07-06

Tgt Ion: 65 Resp: 106642

Ion Ratio Lower Upper

65 100

67 54.8 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: VX029955.D

Acq: 07 Jul 2022 15:17

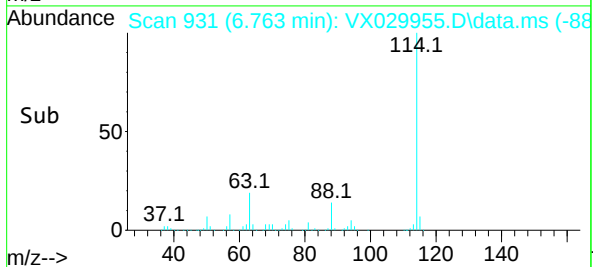
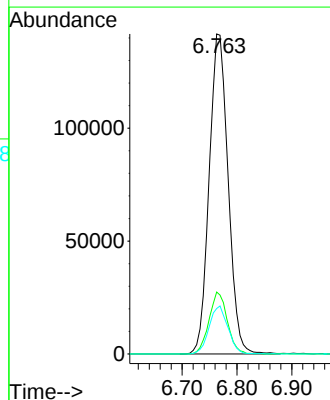
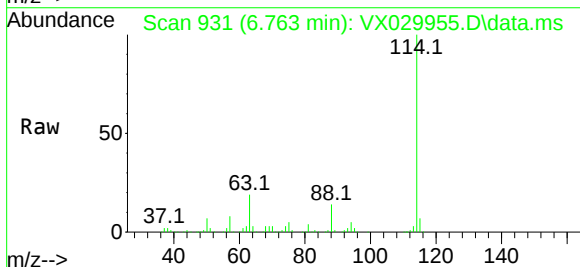
Tgt Ion: 114 Resp: 340015

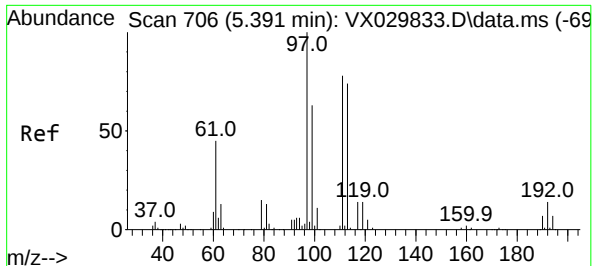
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 14.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.546 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029955.D

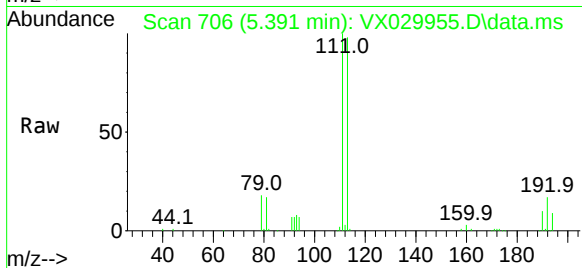
Acq: 07 Jul 2022 15:17

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-07-06



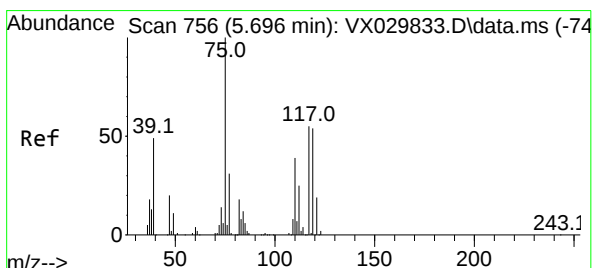
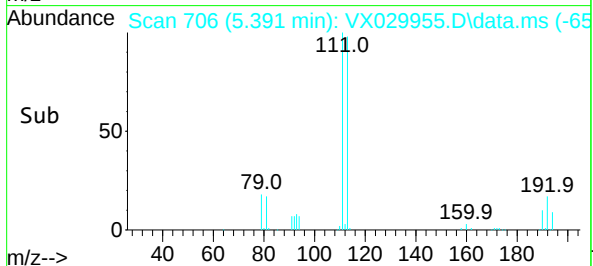
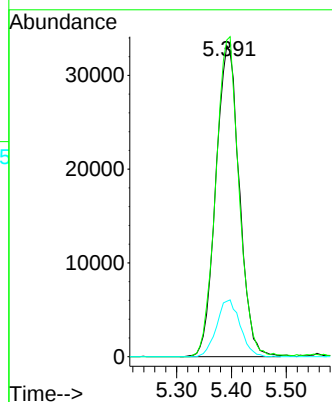
Tgt Ion:113 Resp: 98906

Ion Ratio Lower Upper

113 100

111 101.5 83.2 124.8

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.350 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029955.D

Acq: 07 Jul 2022 15:17

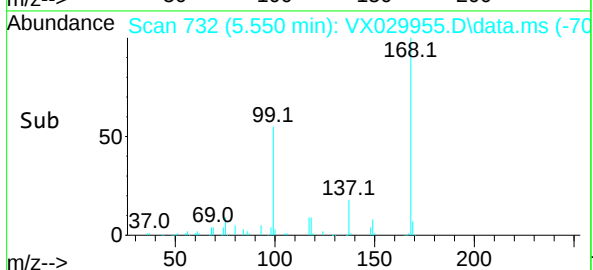
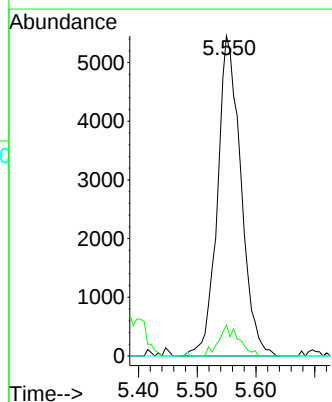
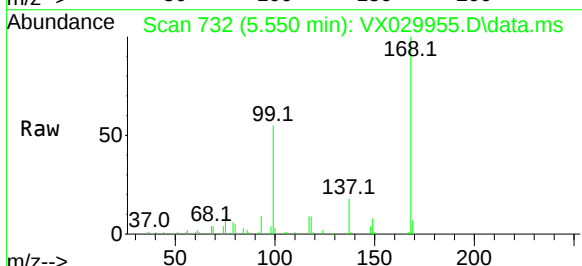
Tgt Ion: 75 Resp: 15121

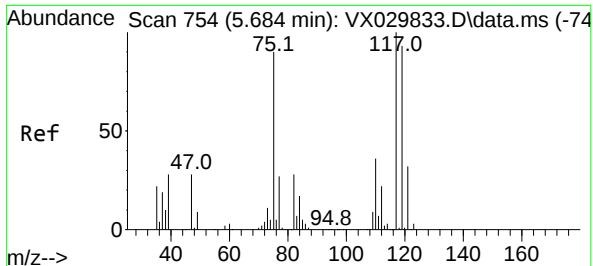
Ion Ratio Lower Upper

75 100

110 8.2 19.3 57.9#

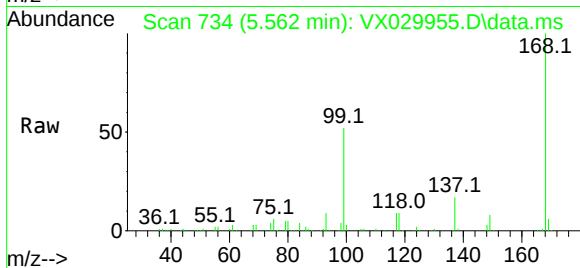
77 0.0 24.4 36.6#



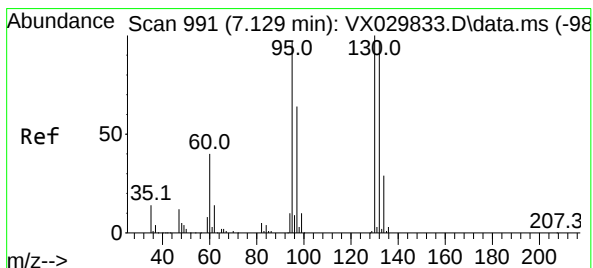
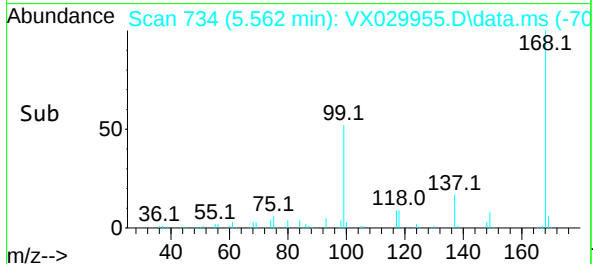
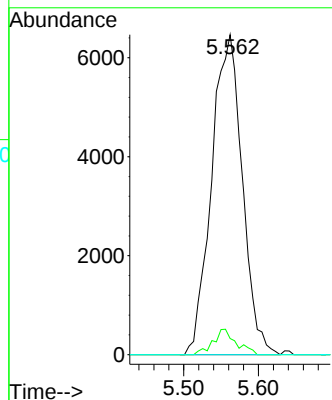


#38
Carbon Tetrachloride
Concen: 7.540 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

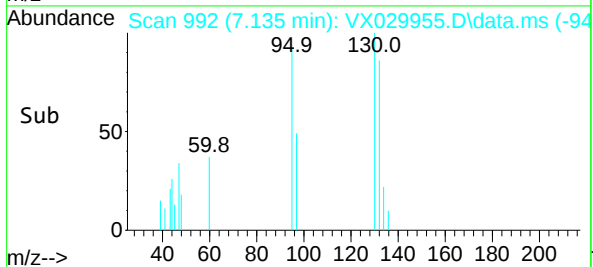
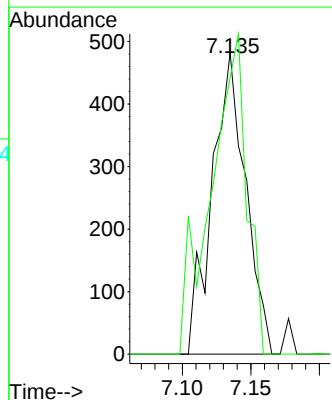
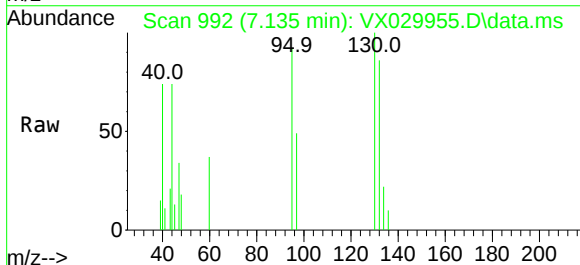


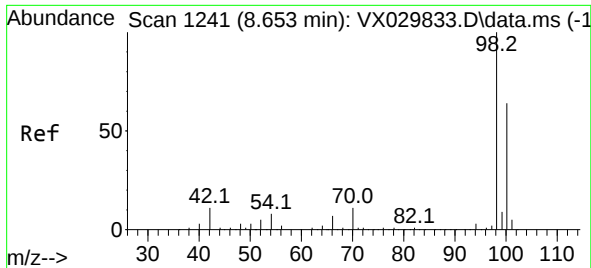
Tgt Ion:117 Resp: 18464
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.334 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion:130 Resp: 822
Ion Ratio Lower Upper
130 100
95 91.7 0.0 194.8

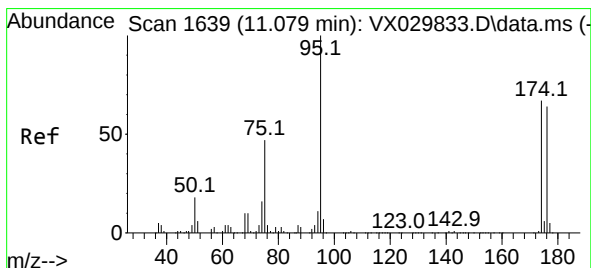
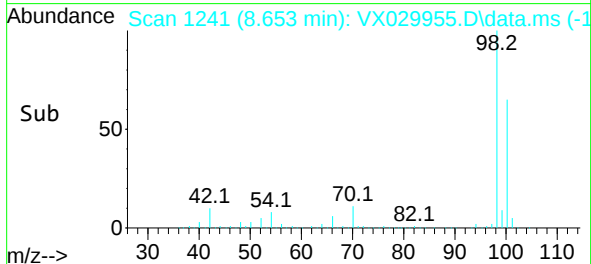
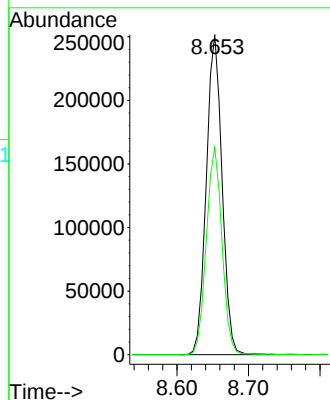
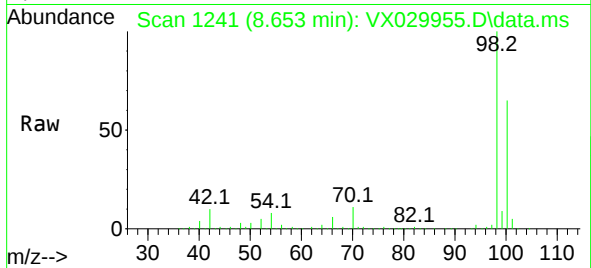




#50
Toluene-d8
Concen: 48.318 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

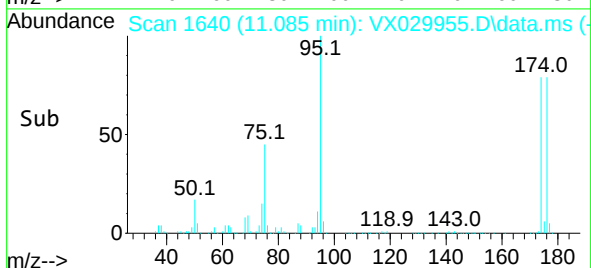
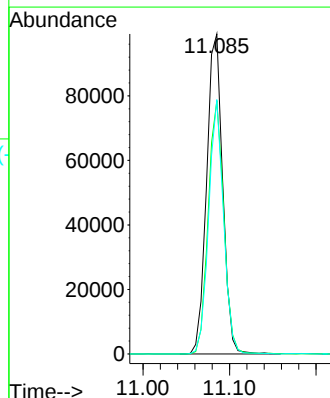
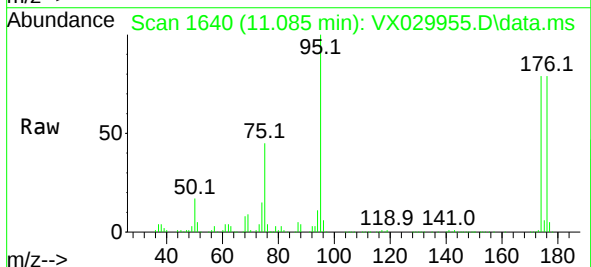
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

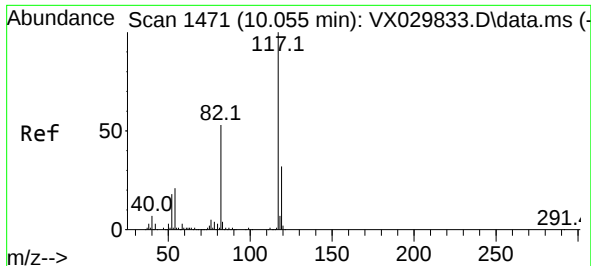
Tgt Ion: 98 Resp: 385167
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.245 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion: 95 Resp: 127492
Ion Ratio Lower Upper
95 100
174 76.8 0.0 149.0
176 73.7 0.0 146.0

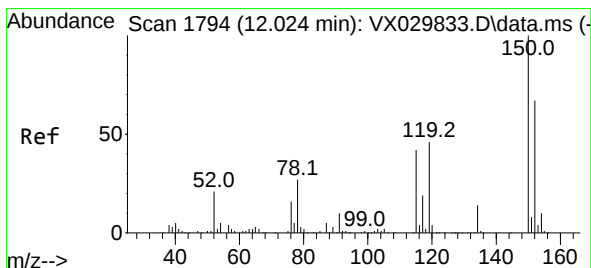
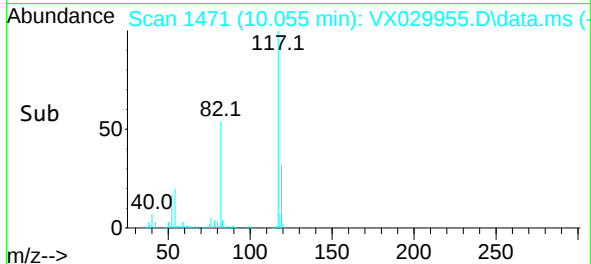
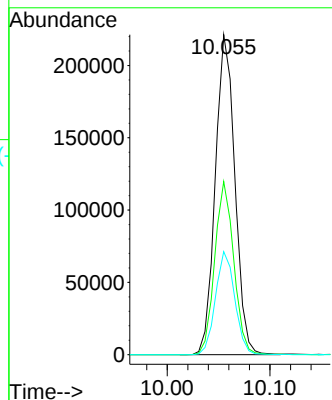
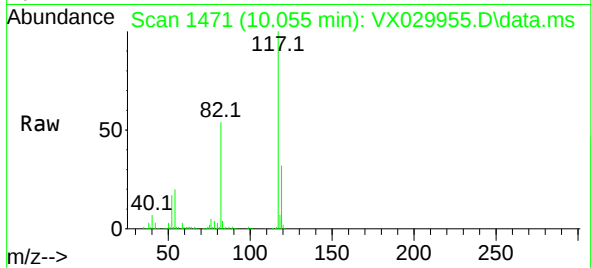




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

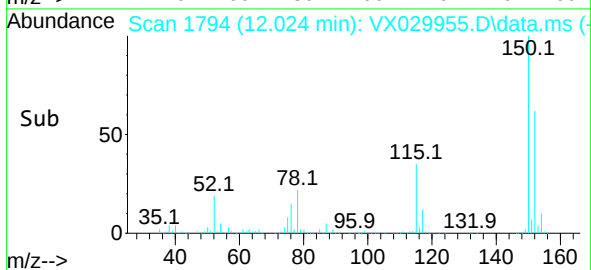
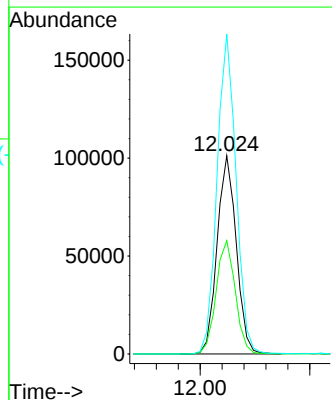
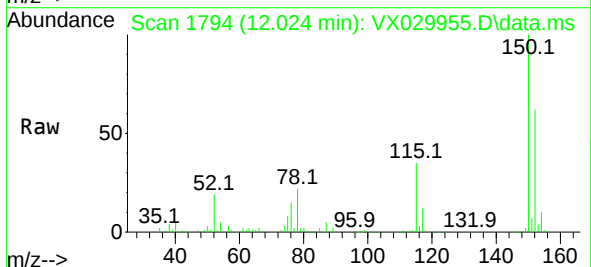
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

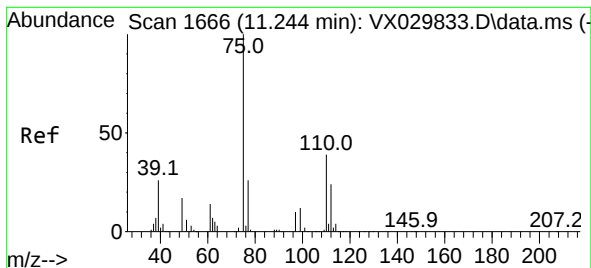
Tgt Ion:117 Resp: 292550
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion:152 Resp: 123114
Ion Ratio Lower Upper
152 100
115 57.3 40.5 121.5
150 160.1 0.0 347.0

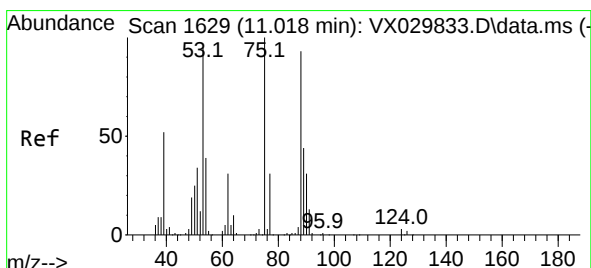
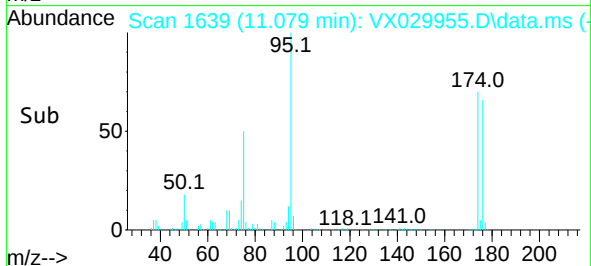
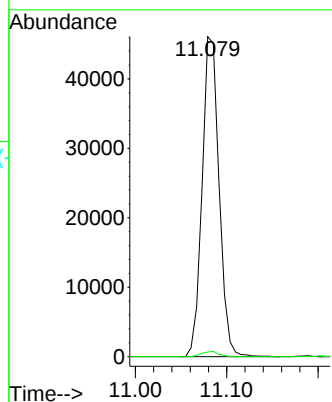
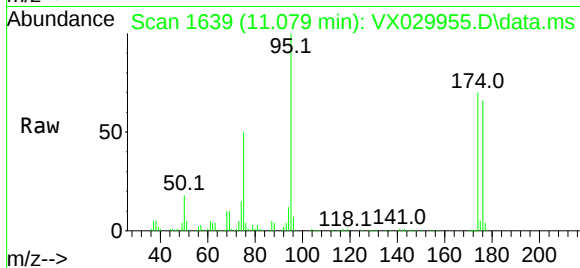




#76
1,2,3-Trichloropropane
Concen: 20.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-07-06

Tgt Ion: 75 Resp: 59242
Ion Ratio Lower Upper
75 100
77 1.6 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.837 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029955.D
Acq: 07 Jul 2022 15:17

Tgt Ion: 75 Resp: 59242
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

