

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030089.D
 Acq On : 15 Jul 2022 14:17
 Operator : JC/MD
 Sample : N3735-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-071422

Quant Time: Jul 16 06:02:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

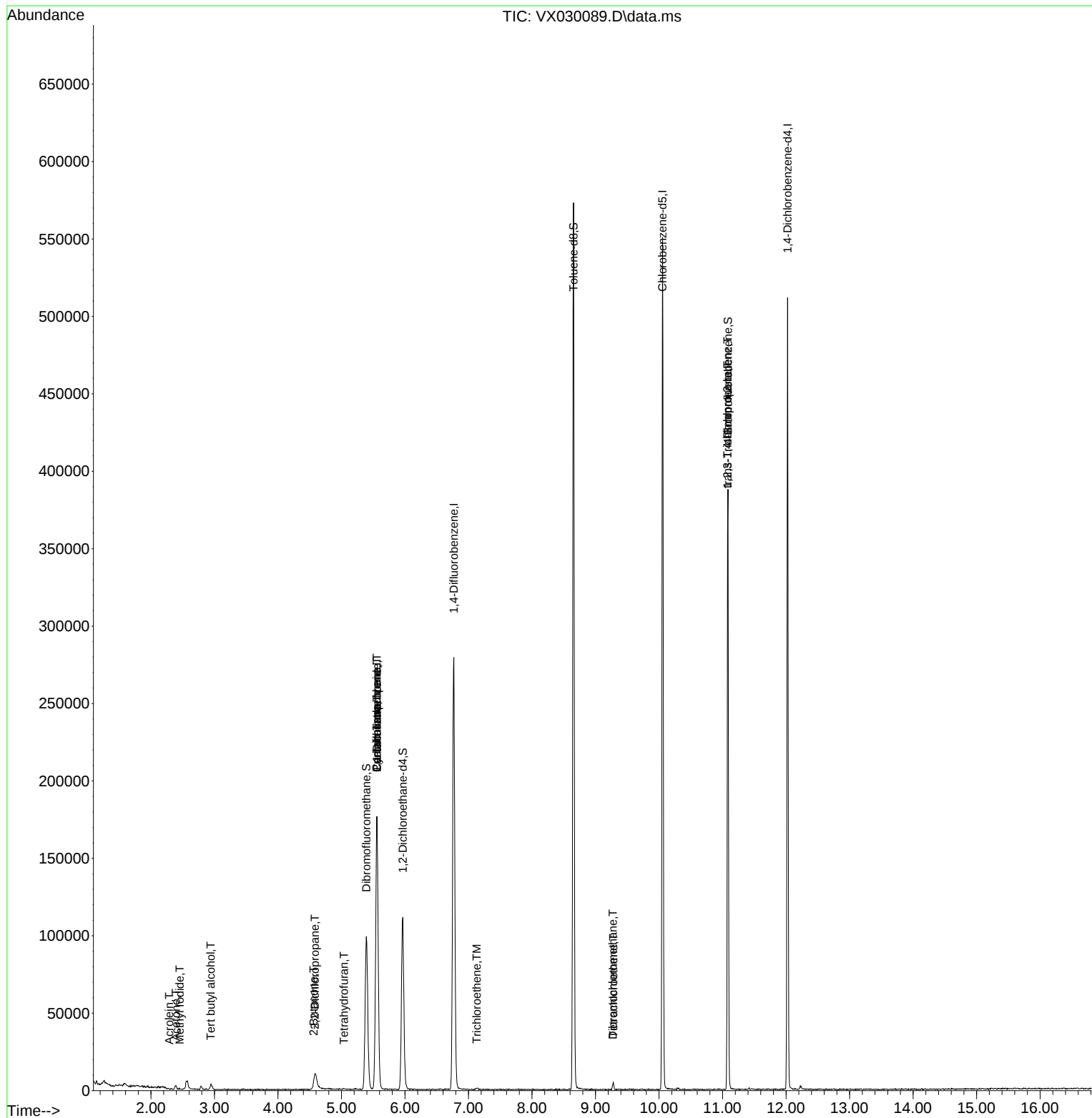
Internal Standards						
1) Pentafluorobenzene	5.556	168	163863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	294282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98827	49.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.100%		
35) Dibromofluoromethane	5.391	113	88761	47.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.653	98	337828	47.780	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.085	95	108178	44.088	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.180%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.191	85	23	Below Cal	#	42
10) Methyl Iodide	2.453	142	118	2.476	ug/l #	76
11) Tert butyl alcohol	2.940	59	2313	4.493	ug/l #	74
13) Acrolein	2.288	56	26	0.254	ug/l #	1
16) Acetone	2.392	43	2499	2.659	ug/l	97
17) Carbon Disulfide	2.520	76	315	Below Cal	#	74
20) Methylene Chloride	2.788	84	829	Below Cal	#	80
25) 2-Butanone	4.562	43	332	0.207	ug/l #	48
26) 2,2-Dichloropropane	4.580	77	649	0.292	ug/l #	49
29) Tetrahydrofuran	5.038	42	246	0.226	ug/l #	46
31) Cyclohexane	5.556	56	3616	1.251	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14072	5.795	ug/l #	47
38) Carbon Tetrachloride	5.556	117	16755	7.399	ug/l #	18
44) Trichloroethene	7.129	130	448	0.201	ug/l	81
60) Dibromochloromethane	9.275	129	784	0.402	ug/l #	11
64) Tetrachloroethene	9.281	164	843	0.419	ug/l #	85
76) 1,2,3-Trichloropropane	11.079	75	50947	21.666	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	50947	62.528	ug/l #	13

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

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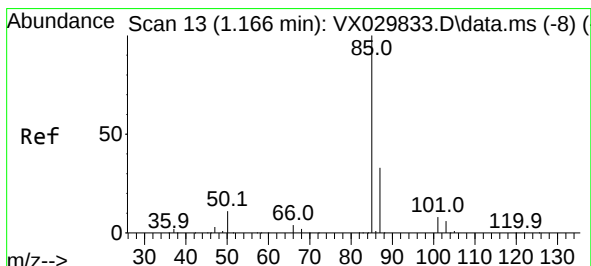
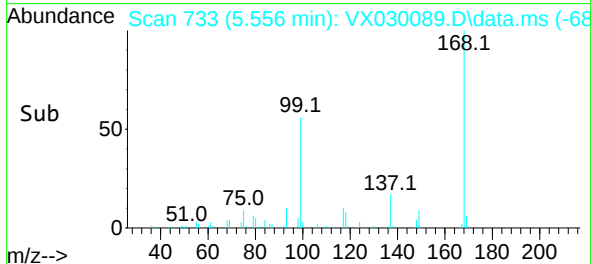
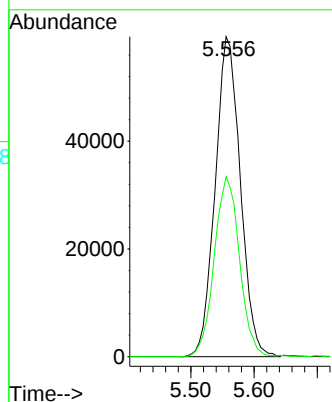
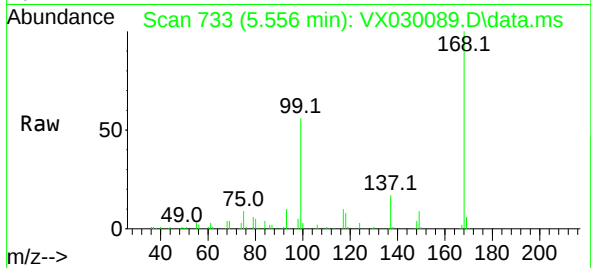




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

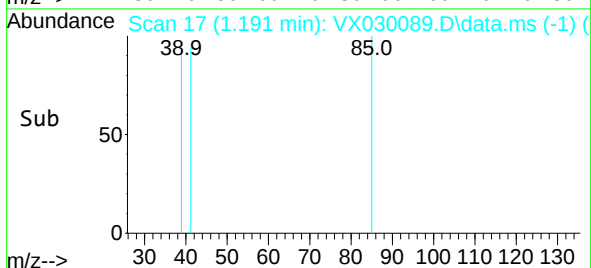
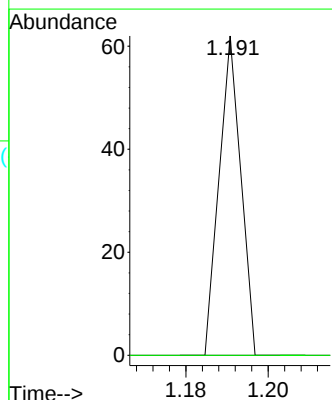
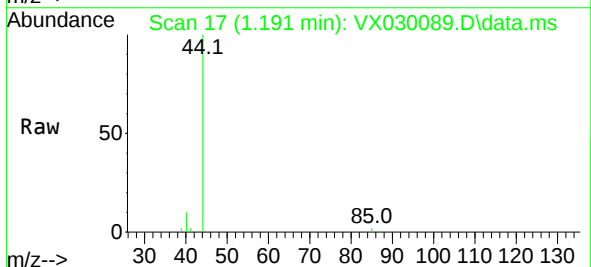
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

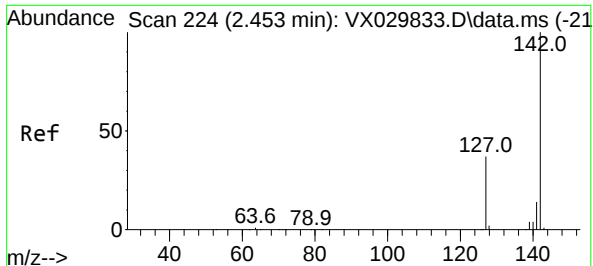
Tgt Ion:168 Resp: 163863
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.191 min Scan# 17
Delta R.T. 0.025 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

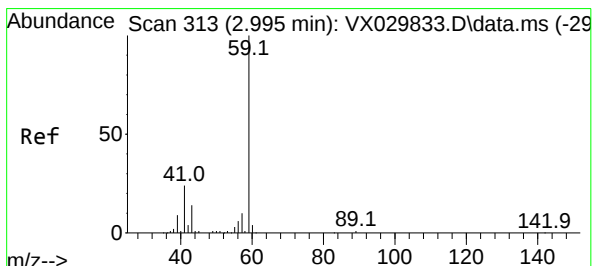
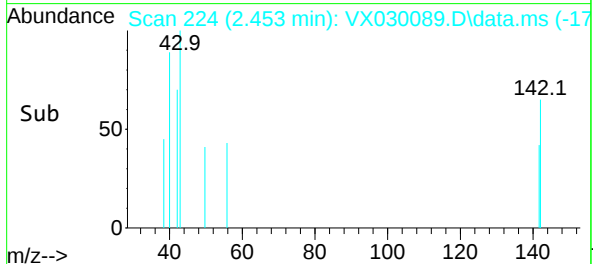
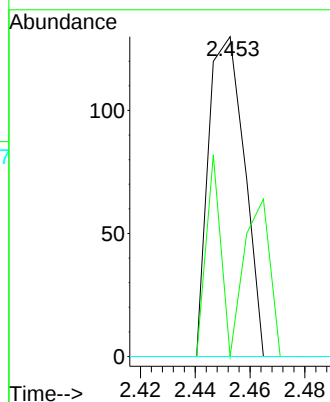
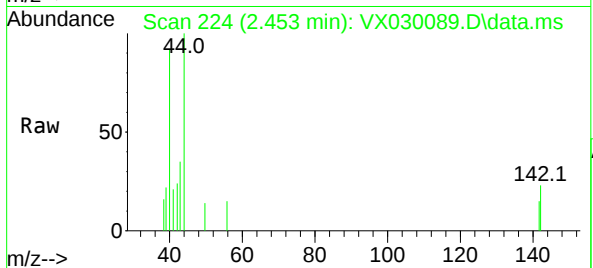




#10
Methyl Iodide
Concen: 2.476 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

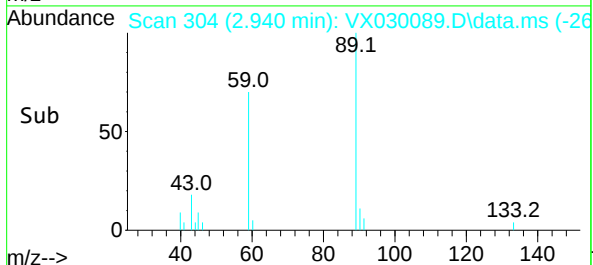
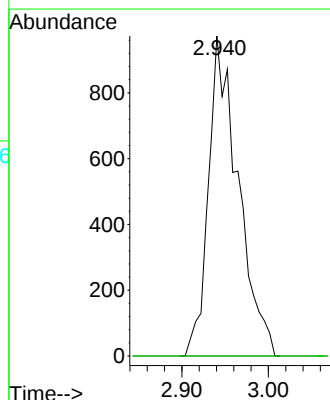
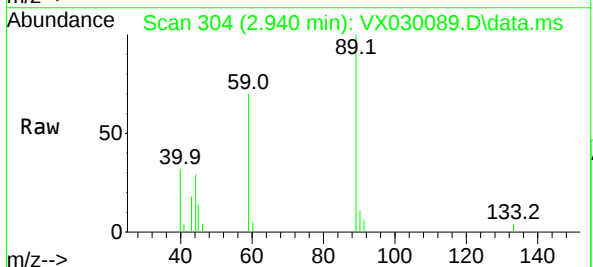
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

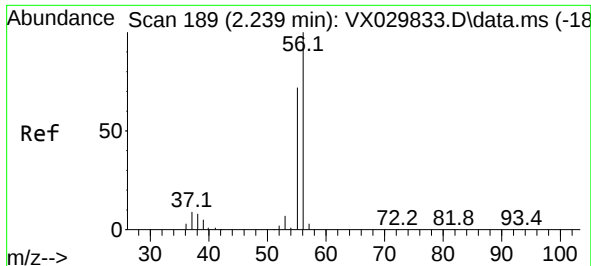
Tgt Ion:142 Resp: 118
Ion Ratio Lower Upper
142 100
127 25.4 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 4.493 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion: 59 Resp: 2313
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.288 min Scan# 197

Delta R.T. 0.049 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

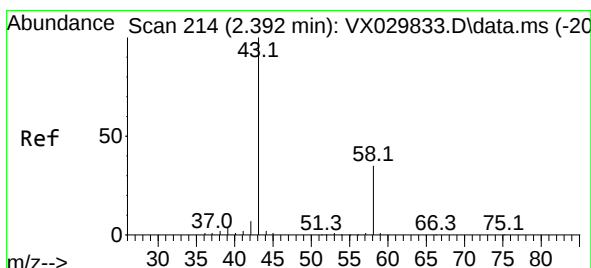
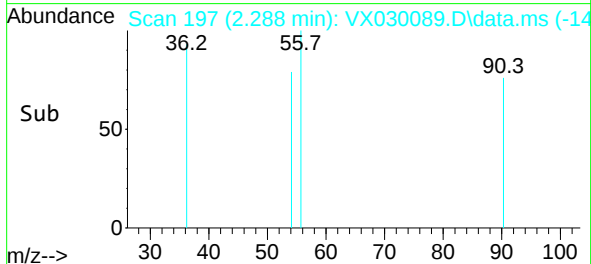
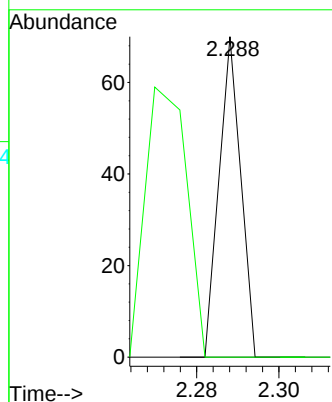
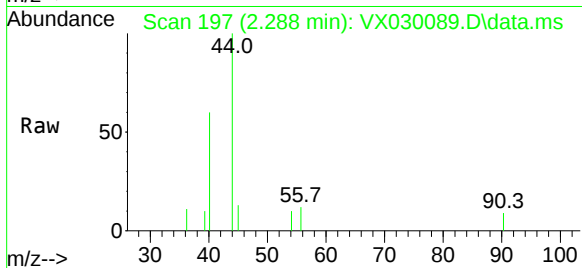
EB-01-071422

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 157.7 56.6 84.8#



#16

Acetone

Concen: 2.659 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030089.D

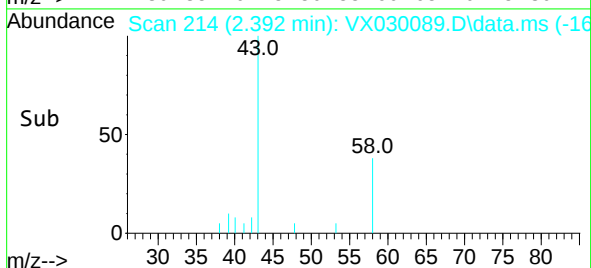
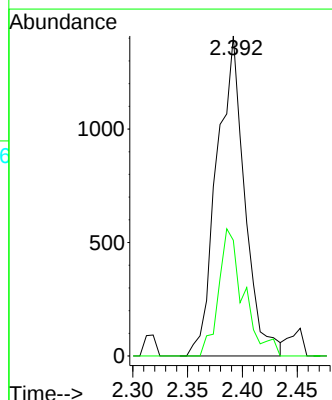
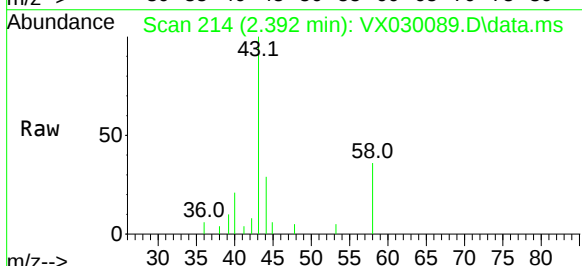
Acq: 15 Jul 2022 14:17

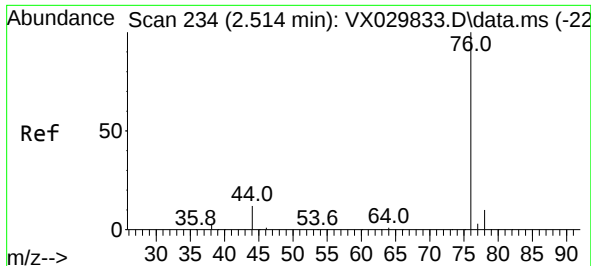
Tgt Ion: 43 Resp: 2499

Ion Ratio Lower Upper

43 100

58 36.2 27.7 41.5

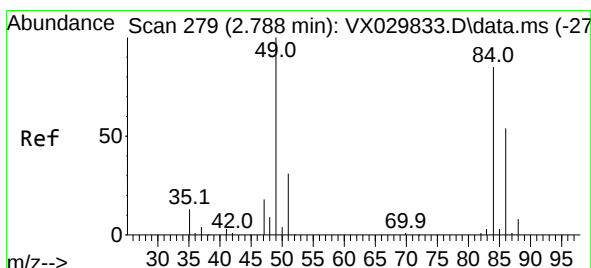
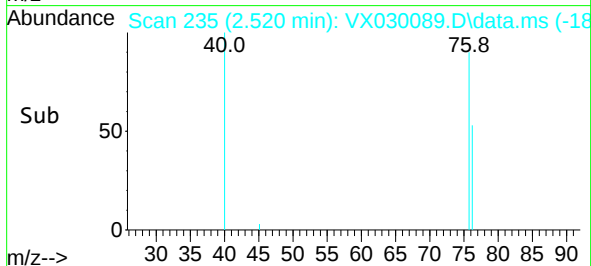
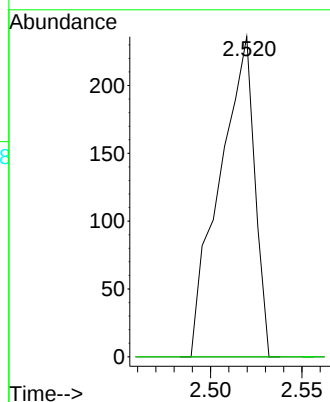
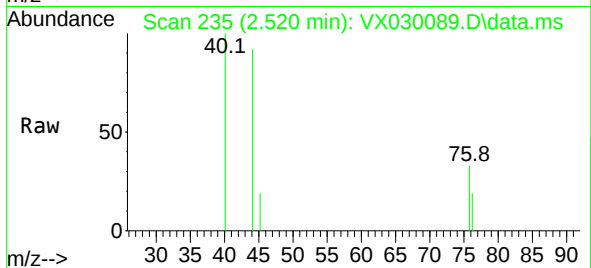




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

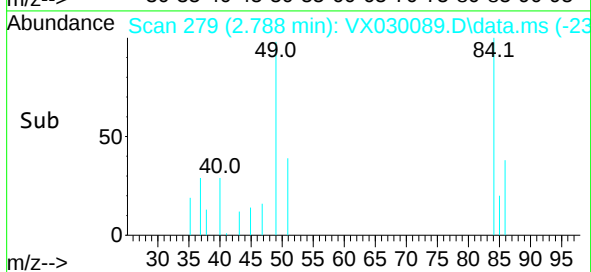
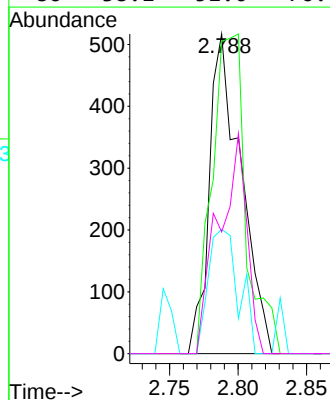
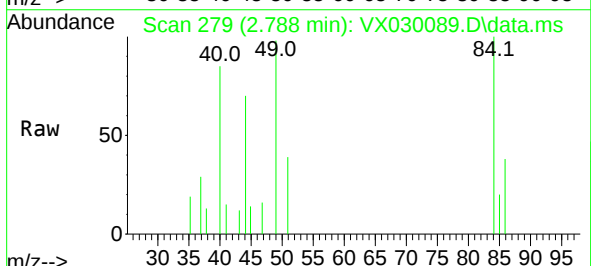
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

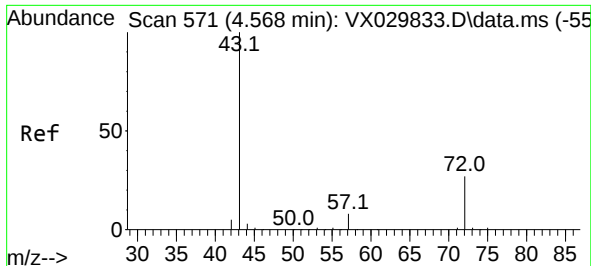
Tgt Ion: 76 Resp: 315
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion: 84 Resp: 829
Ion Ratio Lower Upper
84 100
49 97.7 93.8 140.6
51 38.9 29.4 44.0
86 38.1 51.0 76.4#





#25

2-Butanone

Concen: 0.207 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

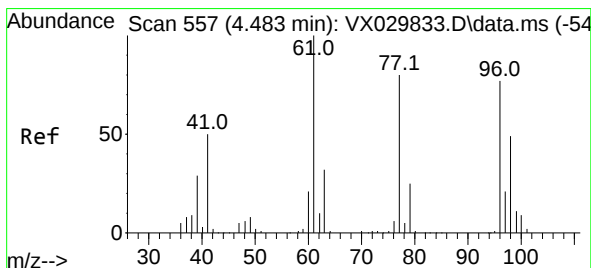
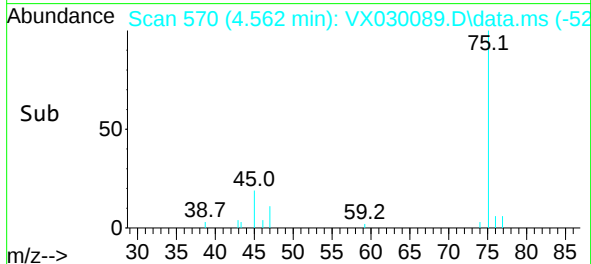
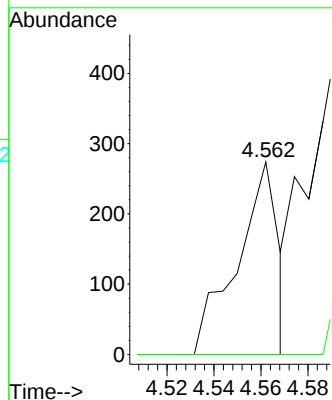
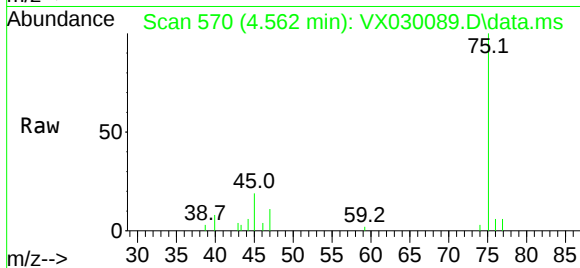
EB-01-071422

Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 0.292 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.097 min

Lab File: VX030089.D

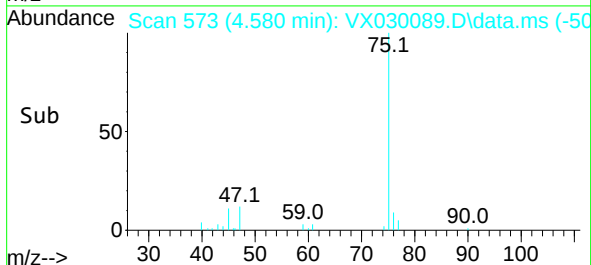
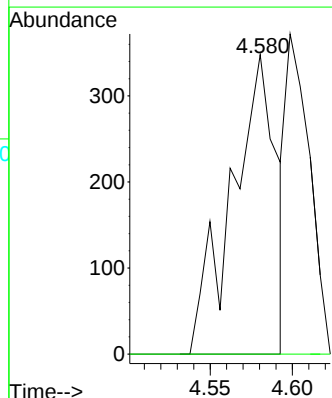
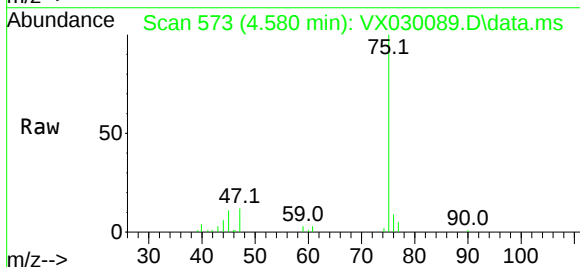
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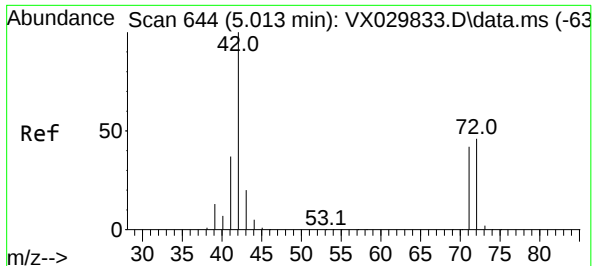
Tgt Ion: 77 Resp: 649

Ion Ratio Lower Upper

77 100

97 0.0 13.0 39.0#





#29

Tetrahydrofuran

Concen: 0.226 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

EB-01-071422

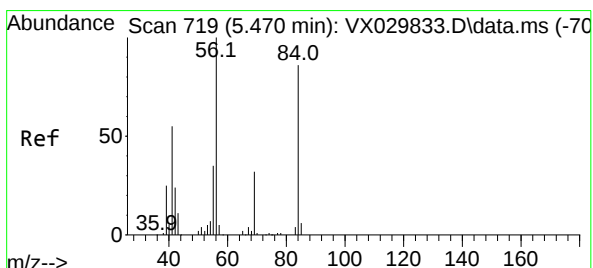
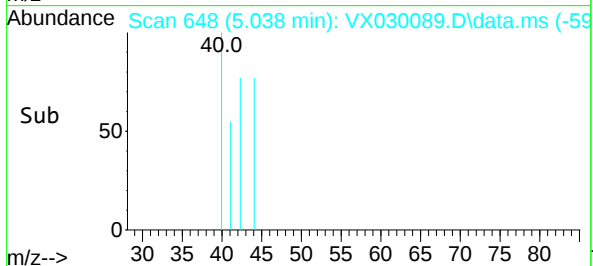
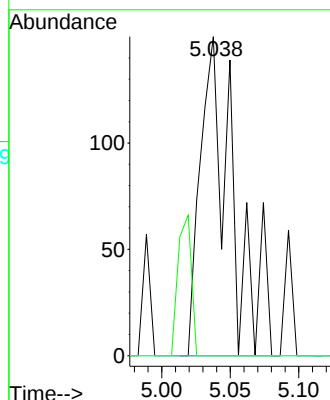
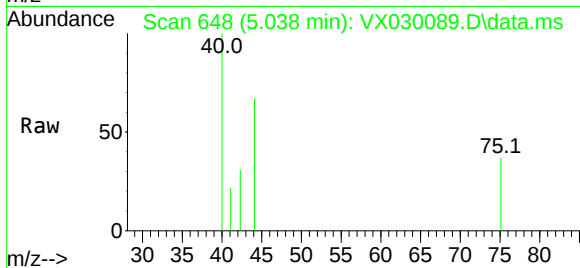
Tgt Ion: 42 Resp: 246

Ion Ratio Lower Upper

42 100

72 18.3 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

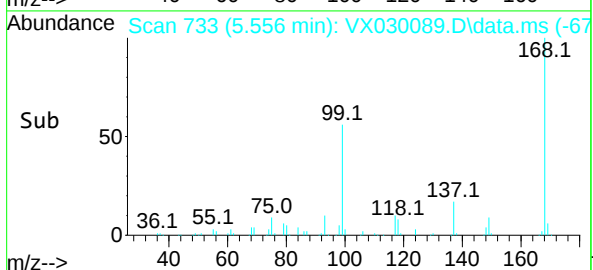
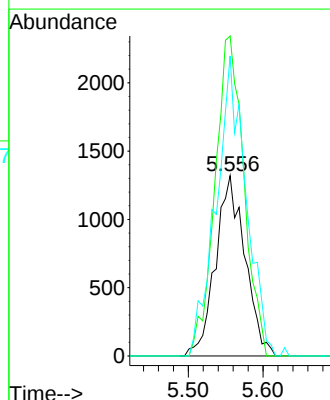
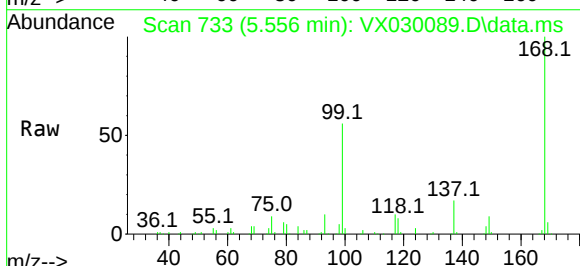
Tgt Ion: 56 Resp: 3616

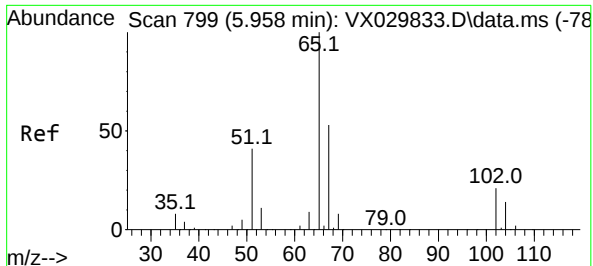
Ion Ratio Lower Upper

56 100

69 177.4 25.4 38.0#

84 166.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.549 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030089.D

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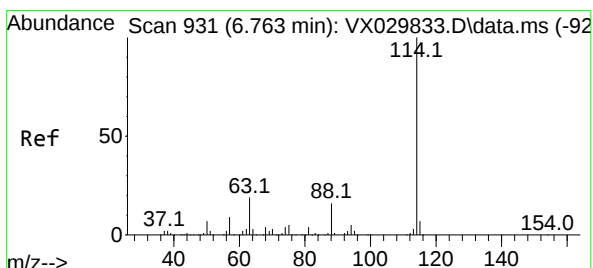
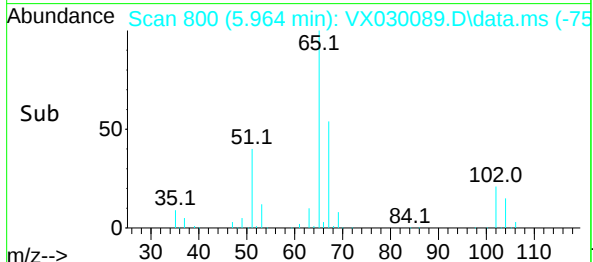
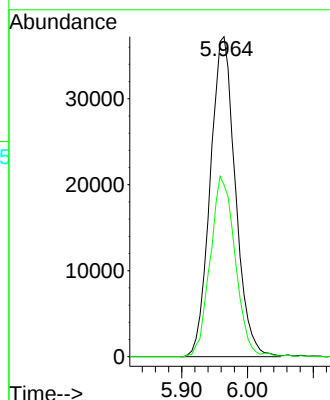
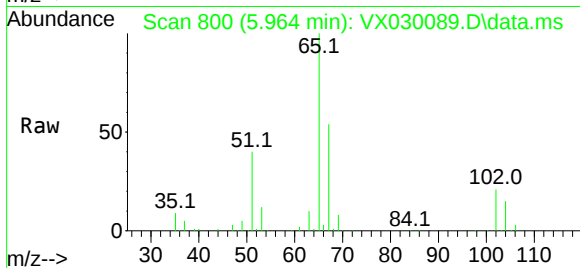
EB-01-071422

Tgt Ion: 65 Resp: 98827

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

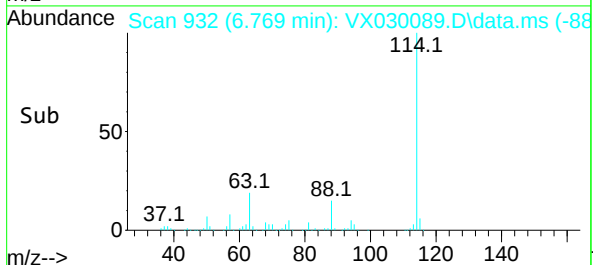
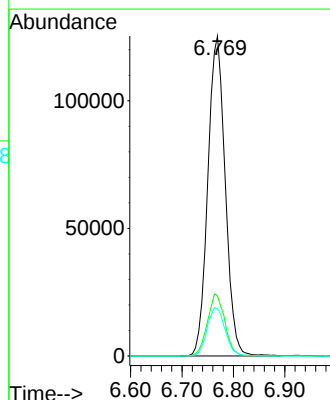
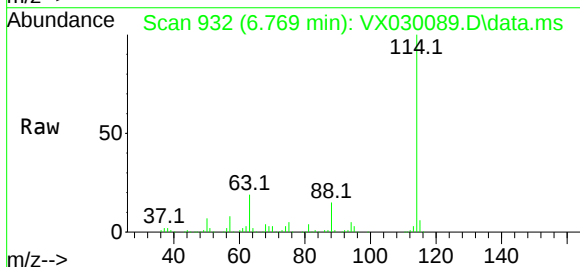
Tgt Ion: 114 Resp: 294282

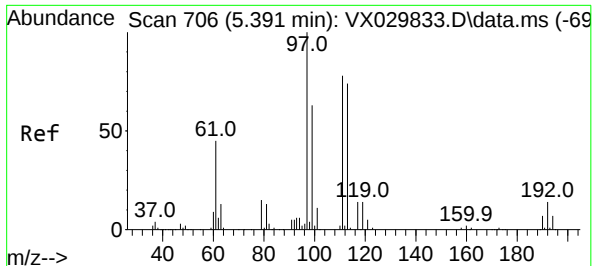
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.214 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030089.D

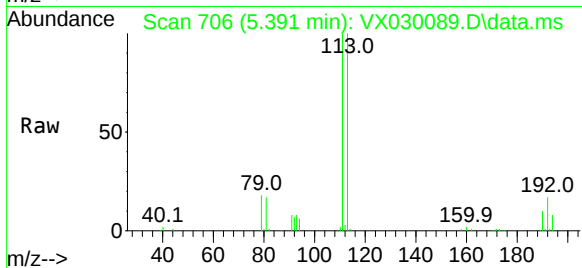
Acq: 15 Jul 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

EB-01-071422



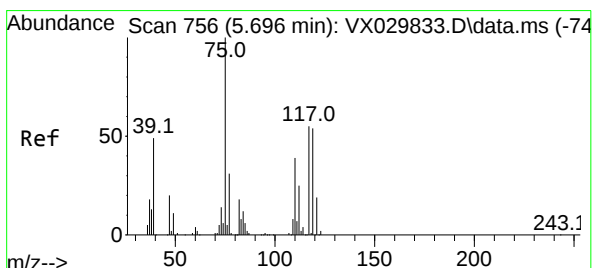
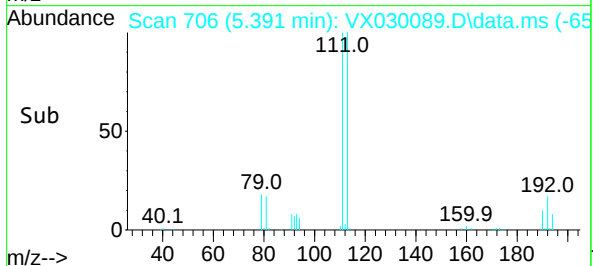
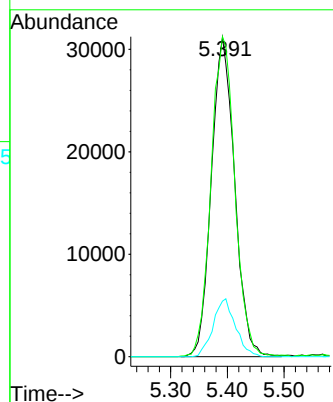
Tgt Ion:113 Resp: 88761

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 17.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.795 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

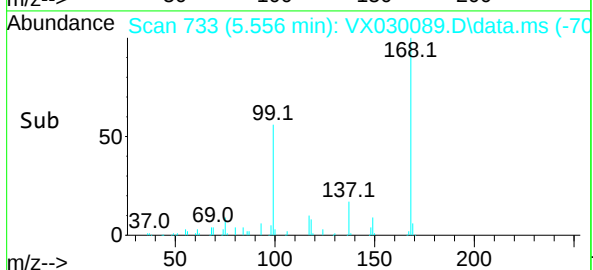
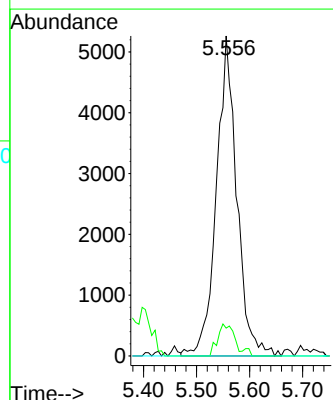
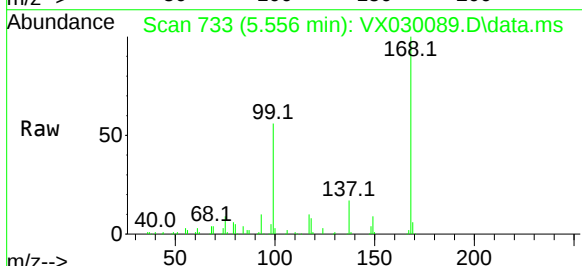
Tgt Ion: 75 Resp: 14072

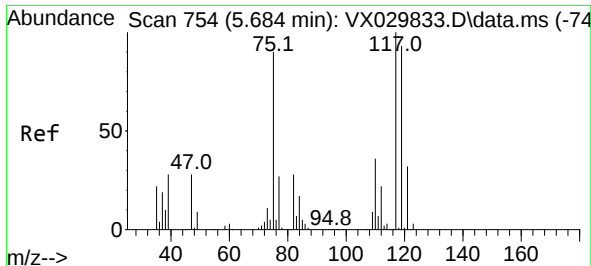
Ion Ratio Lower Upper

75 100

110 8.0 19.3 57.9#

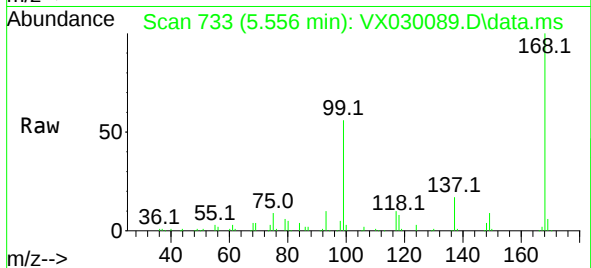
77 0.0 24.4 36.6#



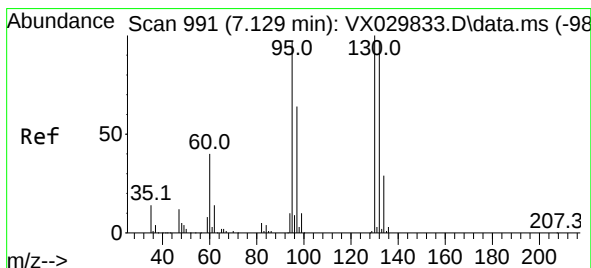
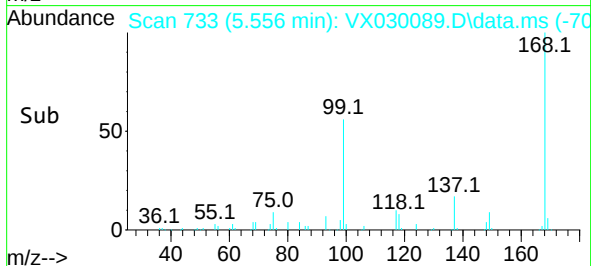
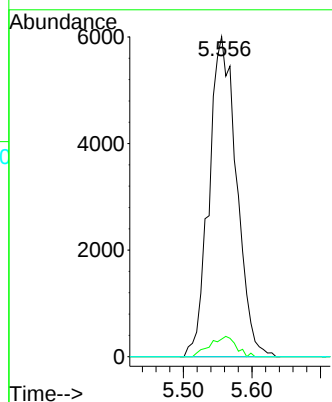


#38
Carbon Tetrachloride
Concen: 7.399 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

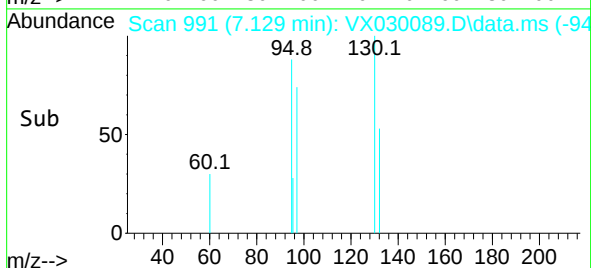
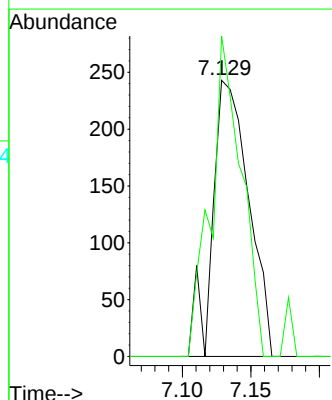
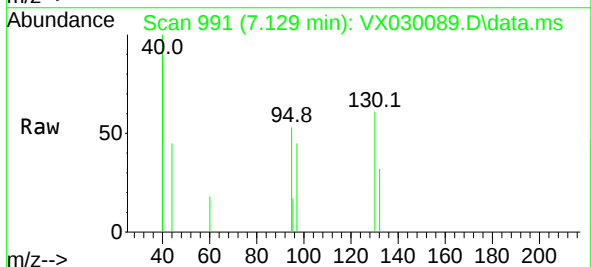


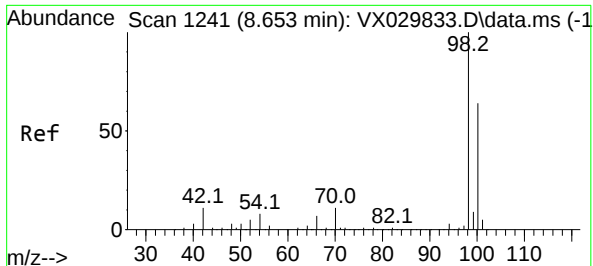
Tgt Ion:117 Resp: 16755
Ion Ratio Lower Upper
117 100
119 5.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.201 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion:130 Resp: 448
Ion Ratio Lower Upper
130 100
95 116.0 0.0 194.8





#50

Toluene-d8

Concen: 47.780 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030089.D

Acq: 15 Jul 2022 14:17

Instrument :

MSVOA_X

ClientSampleId :

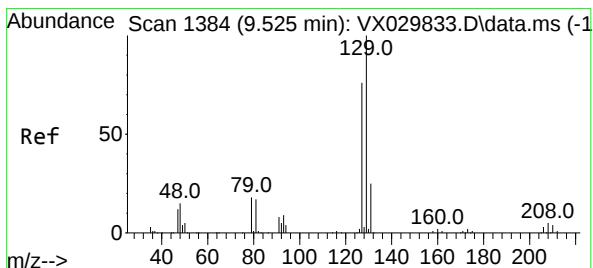
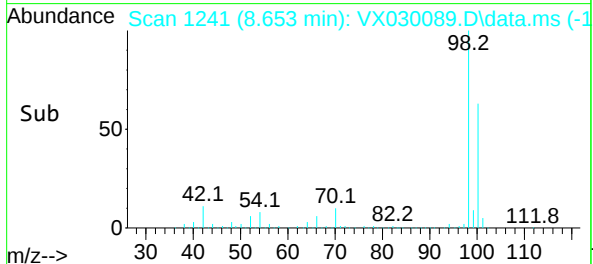
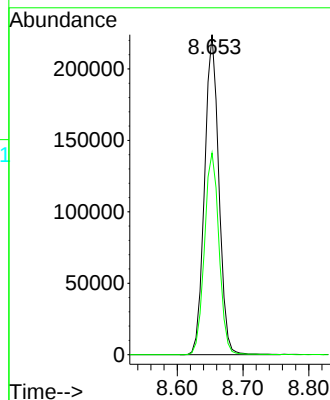
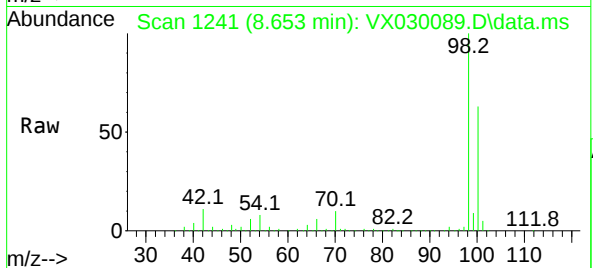
EB-01-071422

Tgt Ion: 98 Resp: 337828

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#60

Dibromochloromethane

Concen: 0.402 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030089.D

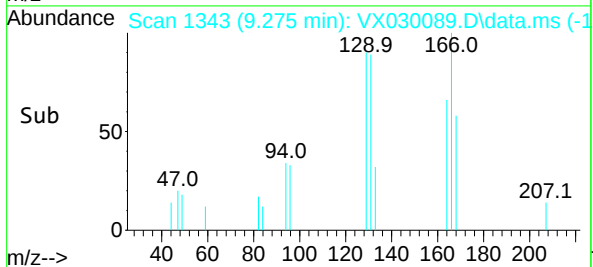
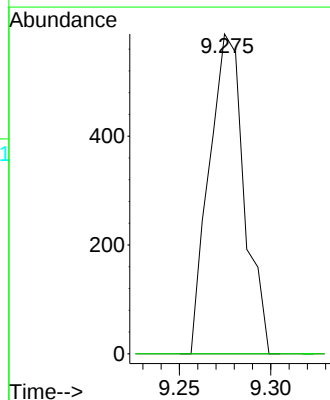
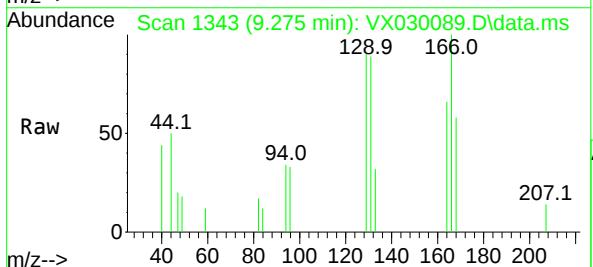
Acq: 15 Jul 2022 14:17

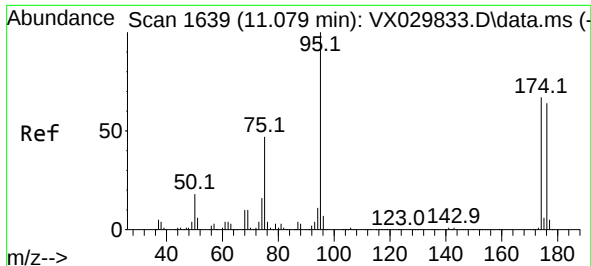
Tgt Ion: 129 Resp: 784

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

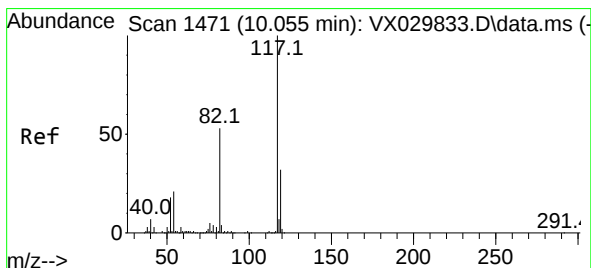
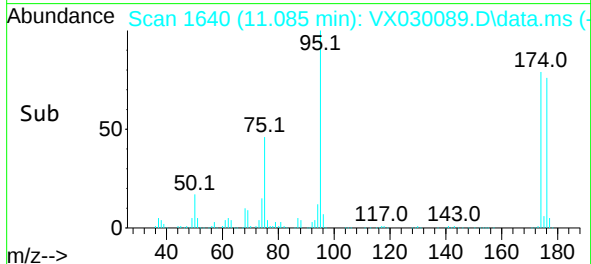
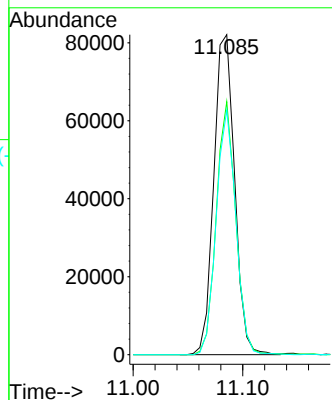
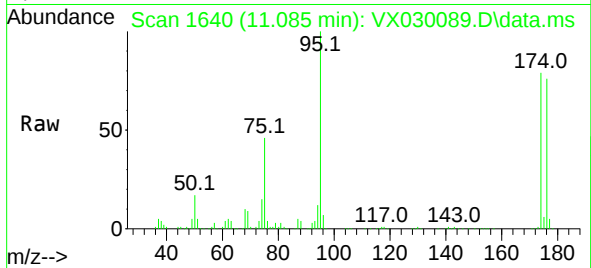




#62
4-Bromofluorobenzene
Concen: 44.088 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

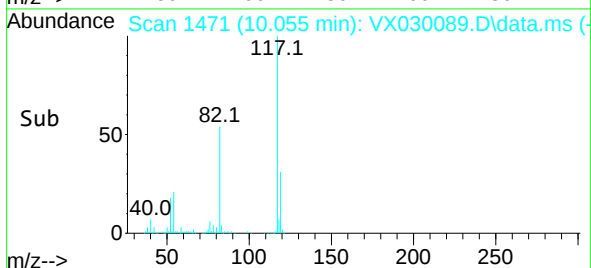
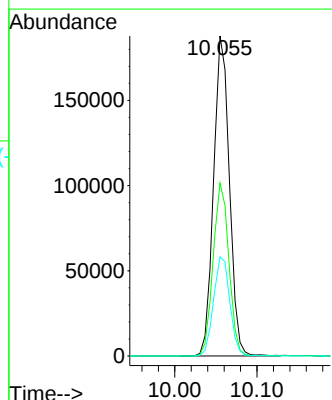
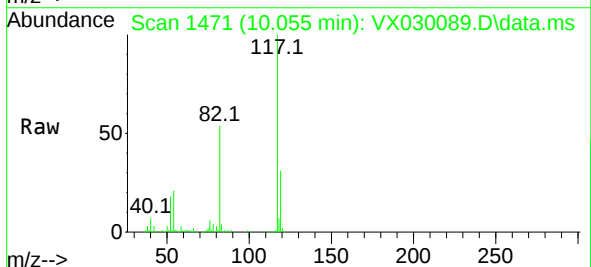
Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

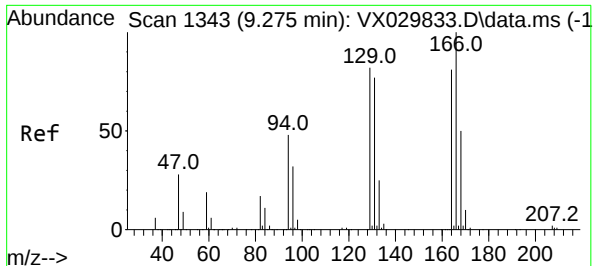
Tgt Ion: 95 Resp: 108178
Ion Ratio Lower Upper
95 100
174 74.0 0.0 149.0
176 72.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion: 117 Resp: 250593
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 31.0 25.4 38.2



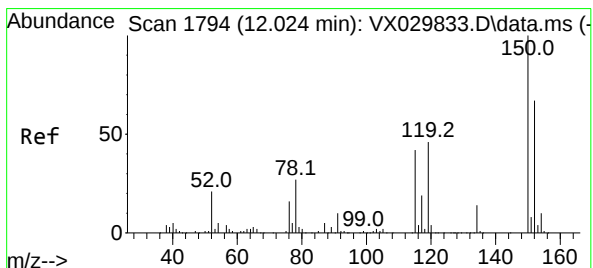
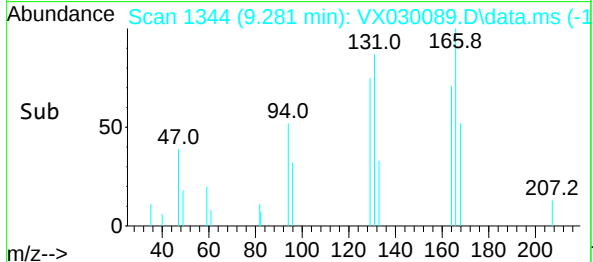
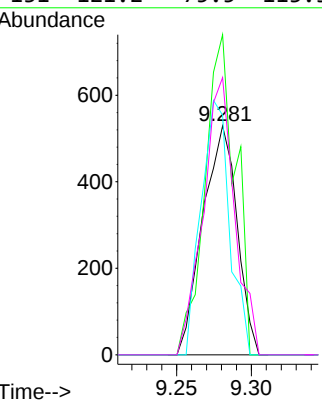
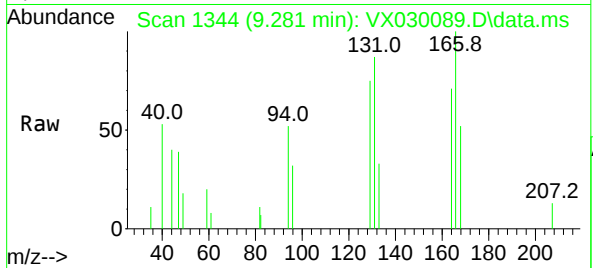


#64
Tetrachloroethene
Concen: 0.419 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

Tgt Ion:164 Resp: 843

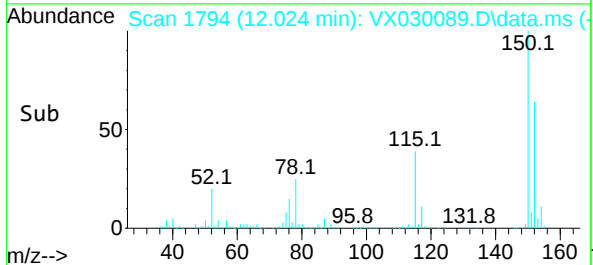
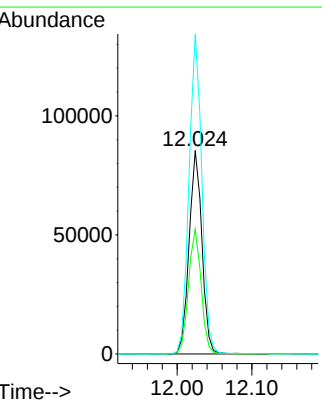
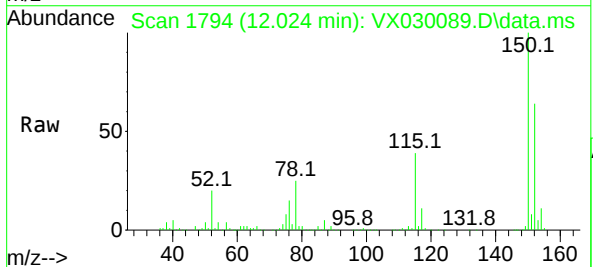
Ion	Ratio	Lower	Upper
164	100		
166	139.9	98.2	147.4
129	104.7	80.8	121.2
131	121.2	75.5	113.3

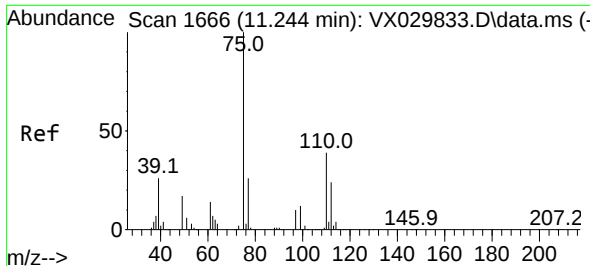


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion:152 Resp: 102272

Ion	Ratio	Lower	Upper
152	100		
115	60.2	40.5	121.5
150	156.3	0.0	347.0

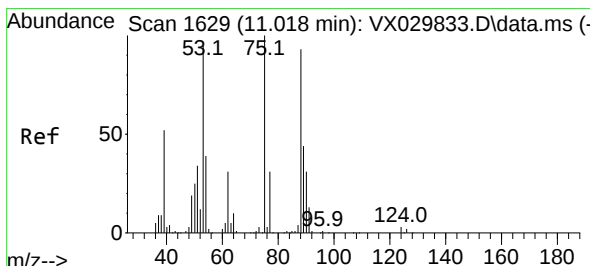
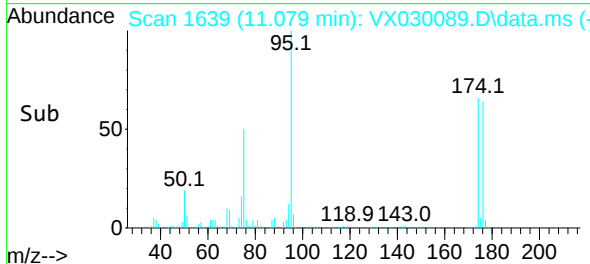
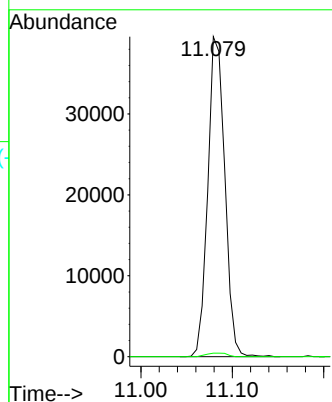
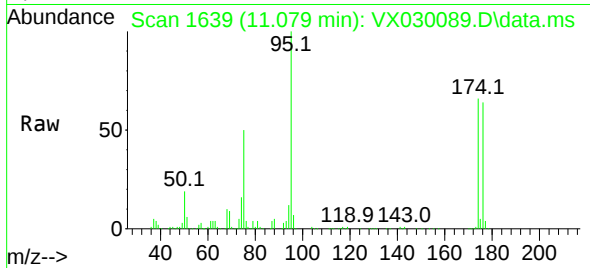




#76
1,2,3-Trichloropropane
Concen: 21.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Instrument :
MSVOA_X
ClientSampleId :
EB-01-071422

Tgt Ion: 75 Resp: 50947
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030089.D
Acq: 15 Jul 2022 14:17

Tgt Ion: 75 Resp: 50947
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

