

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028428.D
 Acq On : 29 Apr 2022 17:00
 Operator : JC/MD
 Sample : N2640-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-042922

Quant Time: Apr 30 09:16:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

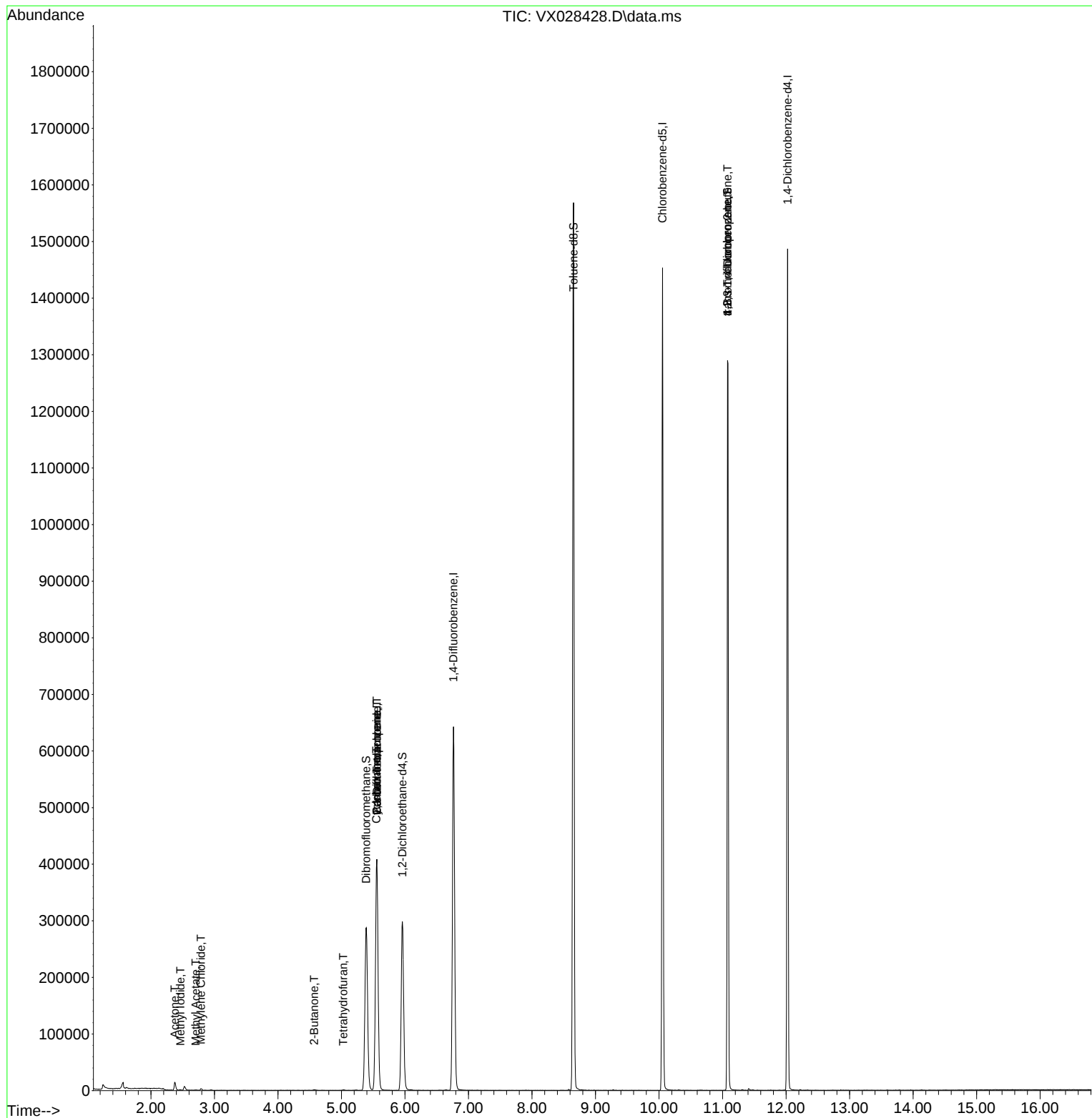
Internal Standards						
1) Pentafluorobenzene	5.556	168	394116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	685536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	657248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	304262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	282923	55.056	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 110.120%	
35) Dibromofluoromethane	5.385	113	251108	52.231	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.460%	
50) Toluene-d8	8.653	98	947101	51.291	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.580%	
62) 4-Bromofluorobenzene	11.079	95	337697	47.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	703	Below Cal	#	83
5) Bromomethane	1.617	94	1137	Below Cal		84
6) Chloroethane	1.678	64	103	Below Cal	#	43
10) Methyl Iodide	2.465	142	804	5.399	ug/l	97
11) Tert butyl alcohol	2.940	59	306	Below Cal	#	72
16) Acetone	2.373	43	14776	8.063	ug/l	94
18) Methyl Acetate	2.703	43	993	0.217	ug/l #	73
20) Methylene Chloride	2.788	84	1369	0.359	ug/l #	79
25) 2-Butanone	4.568	43	1938	0.637	ug/l #	67
29) Tetrahydrofuran	5.025	42	557	0.281	ug/l #	43
31) Cyclohexane	5.550	56	8205	1.311	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	28901	4.609	ug/l #	50
38) Carbon Tetrachloride	5.556	117	39530	5.584	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	173972	29.053	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	173972	86.338	ug/l #	15

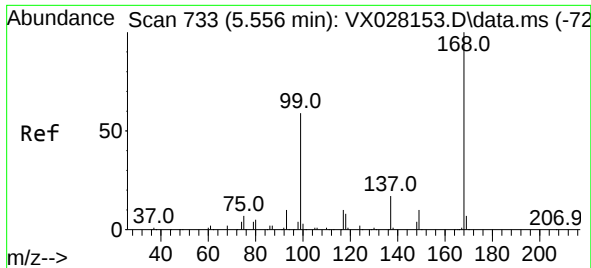
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
Data File : VX028428.D
Acq On : 29 Apr 2022 17:00
Operator : JC/MD
Sample : N2640-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

Quant Time: Apr 30 09:16:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration

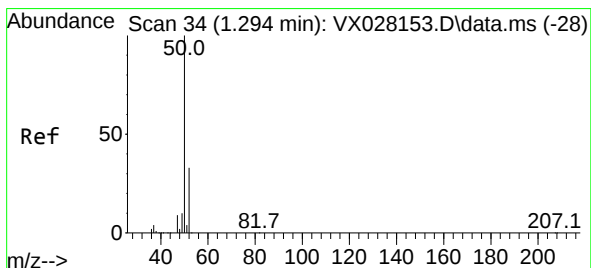
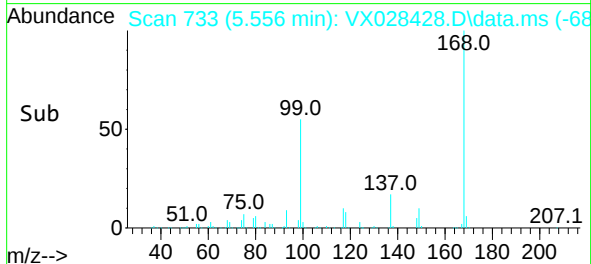
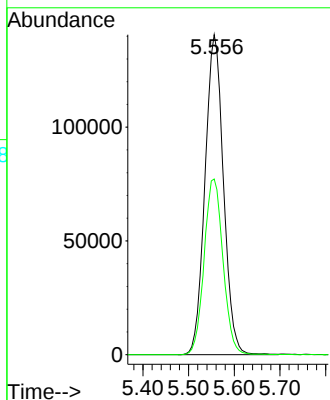
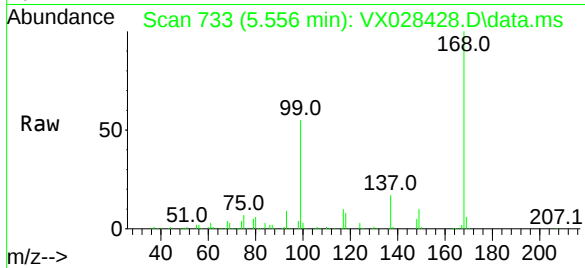




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

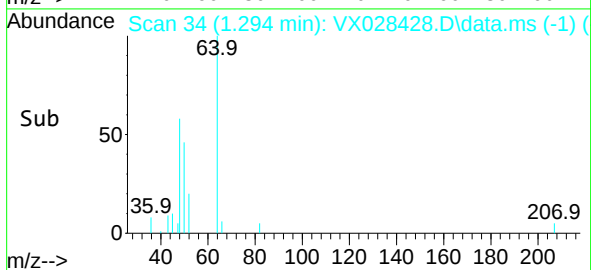
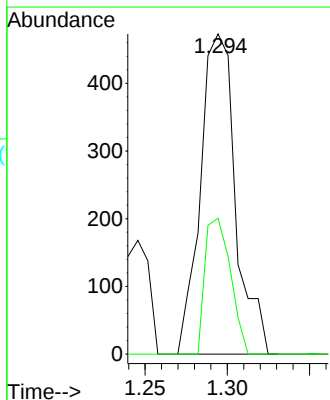
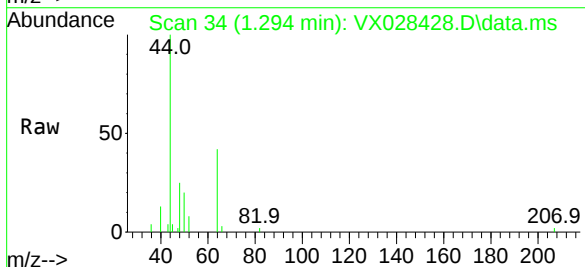
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

Tgt Ion:168 Resp: 394116
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Tgt Ion: 50 Resp: 703
Ion Ratio Lower Upper
50 100
52 42.5 26.4 39.6#

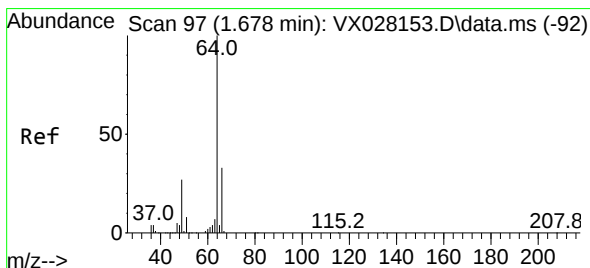
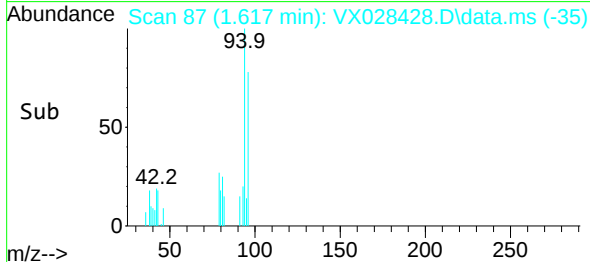
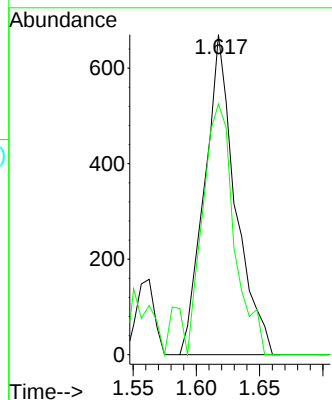
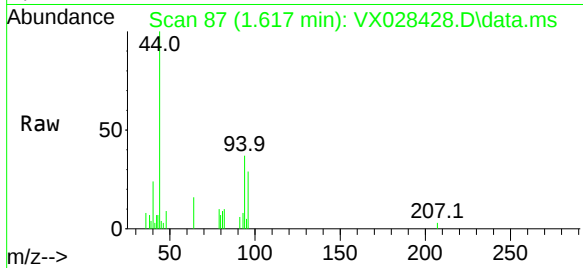




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

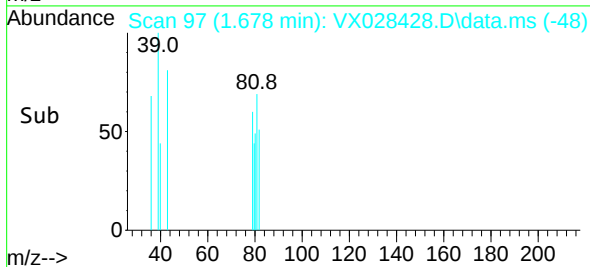
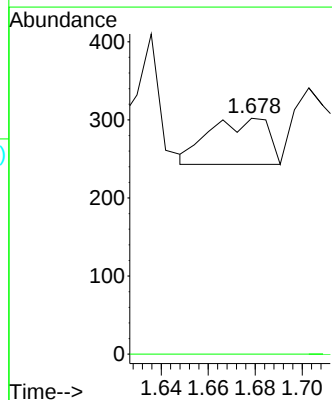
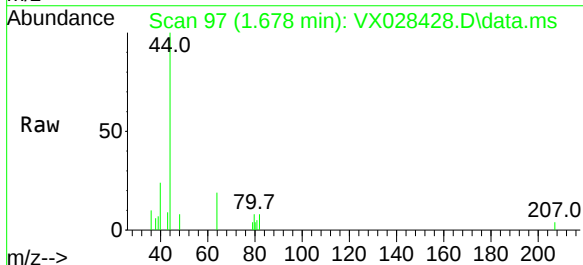
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

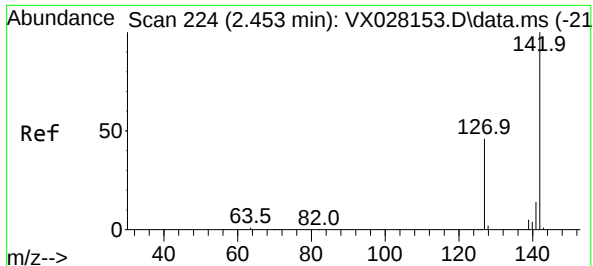
Tgt Ion: 94 Resp: 1137
Ion Ratio Lower Upper
94 100
96 78.4 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

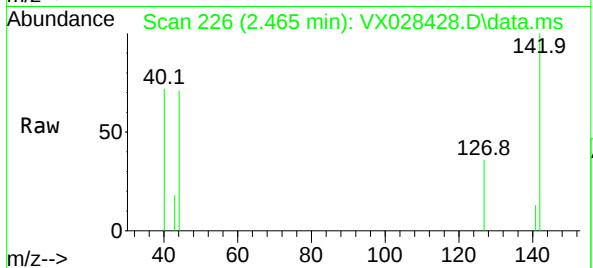
Tgt Ion: 64 Resp: 103
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



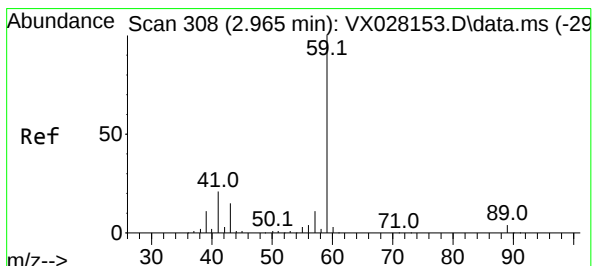
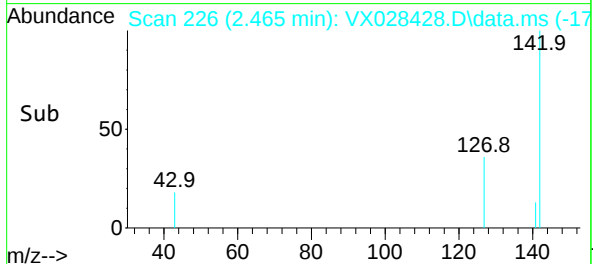
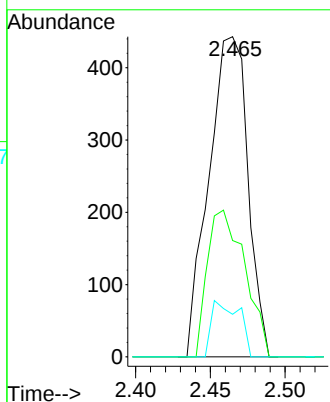


#10
Methyl Iodide
Concen: 5.399 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

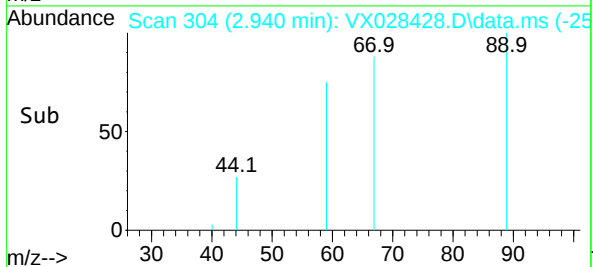
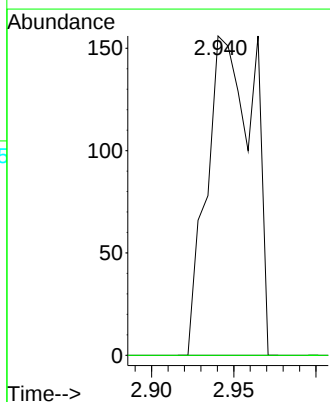
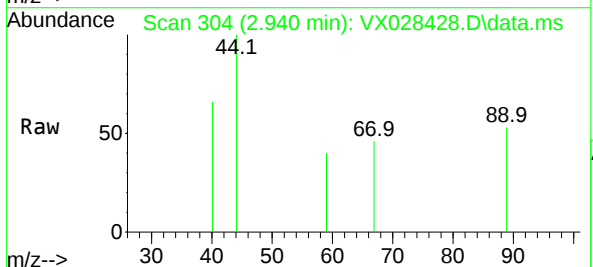


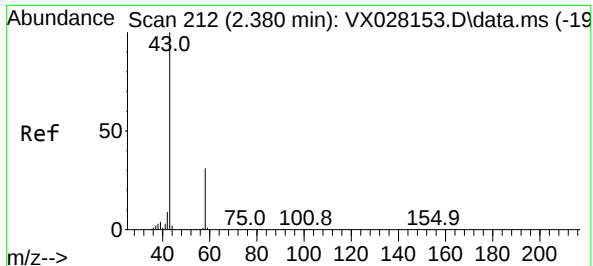
Tgt Ion:142 Resp: 804
Ion Ratio Lower Upper
142 100
127 44.0 33.9 50.9
141 12.3 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Tgt Ion: 59 Resp: 306
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

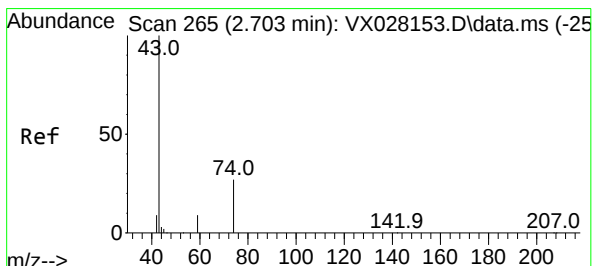
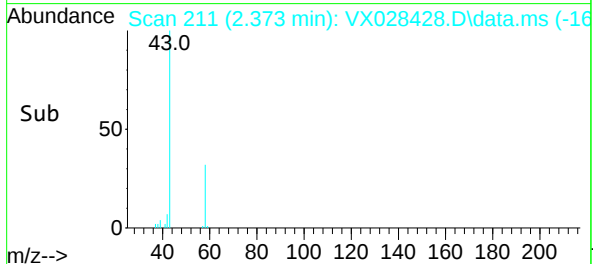
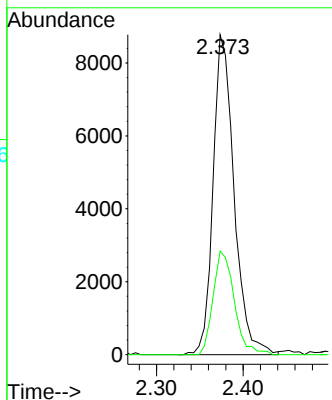
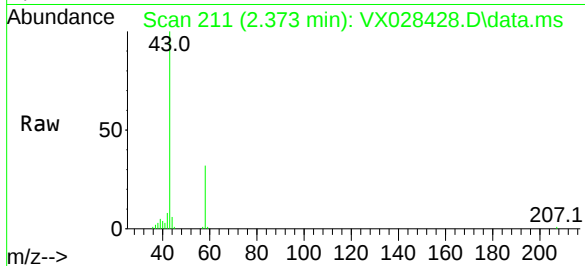




#16
Acetone
Concen: 8.063 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

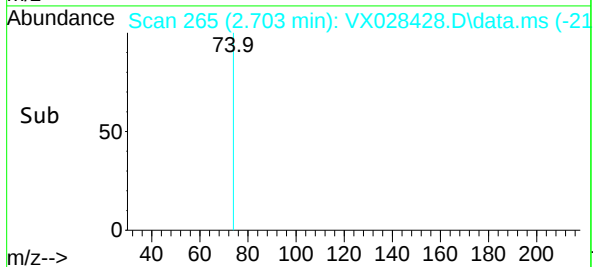
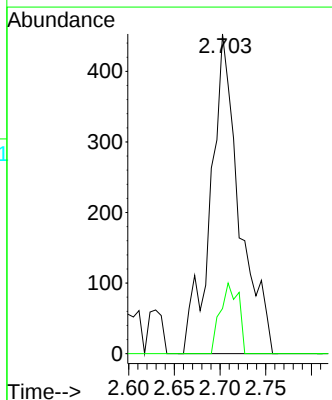
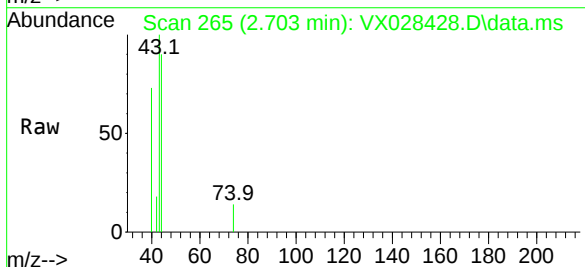
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

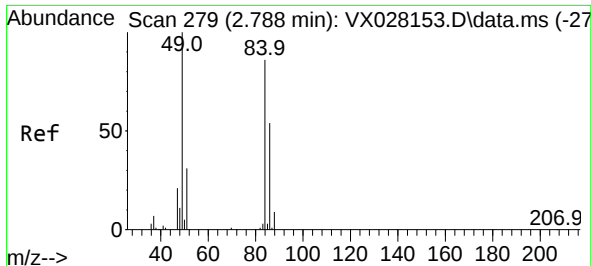
Tgt Ion: 43 Resp: 14776
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.217 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

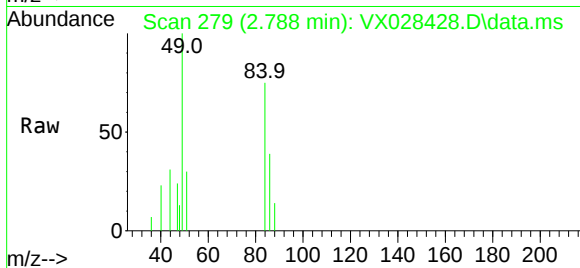
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
74 14.0 22.8 34.2#



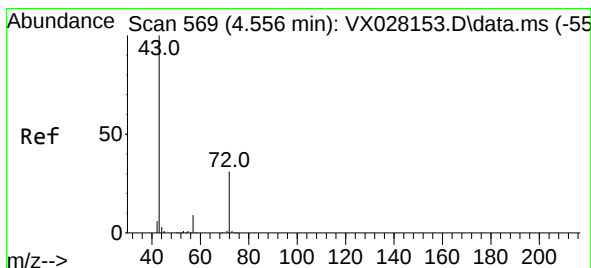
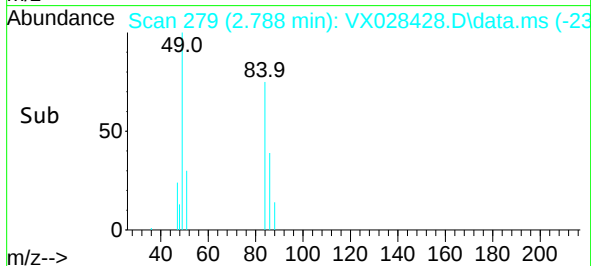
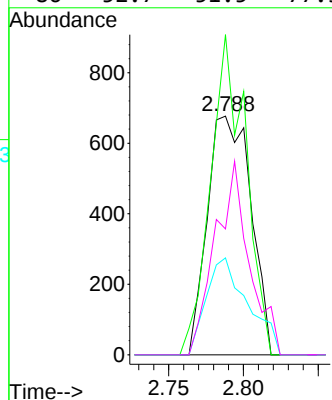


#20
Methylene Chloride
Concen: 0.359 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

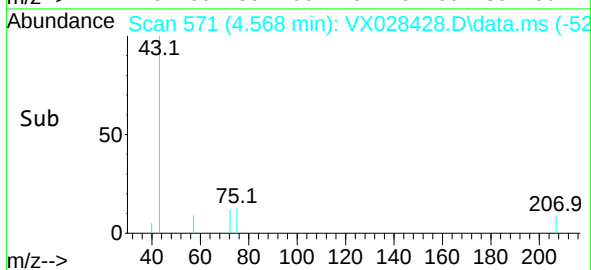
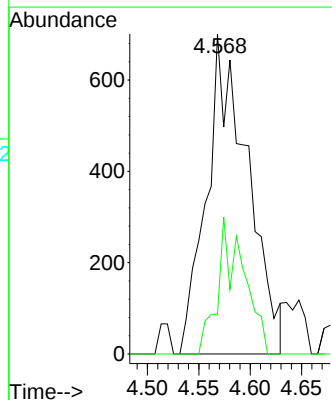
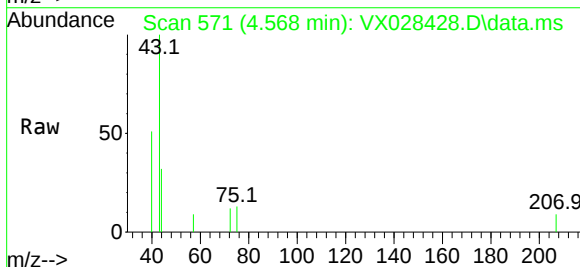


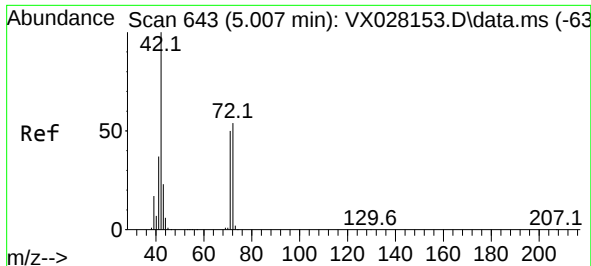
Tgt Ion:	84	Resp:	1369
Ion	Ratio	Lower	Upper
84	100		
49	134.1	85.5	128.3#
51	40.6	26.6	39.8#
86	52.7	51.5	77.3



#25
2-Butanone
Concen: 0.637 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Tgt Ion:	43	Resp:	1938
Ion	Ratio	Lower	Upper
43	100		
72	12.4	24.4	36.6#





#29

Tetrahydrofuran

Concen: 0.281 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX028428.D

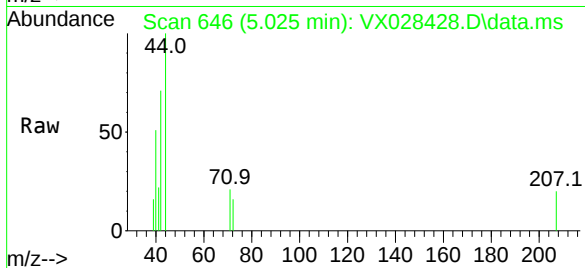
Acq: 29 Apr 2022 17:00

Instrument :

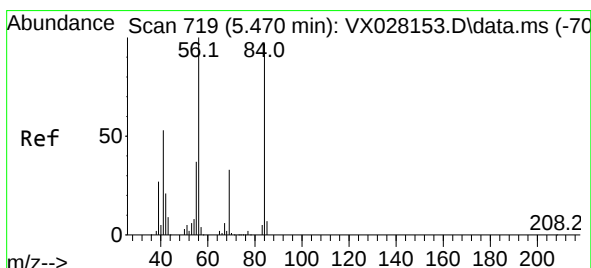
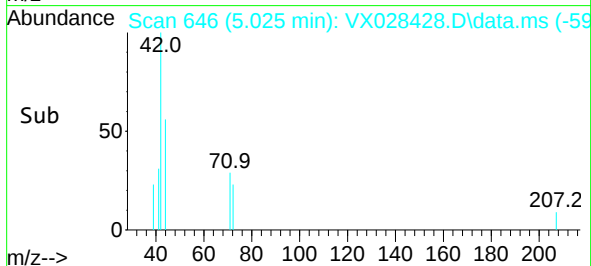
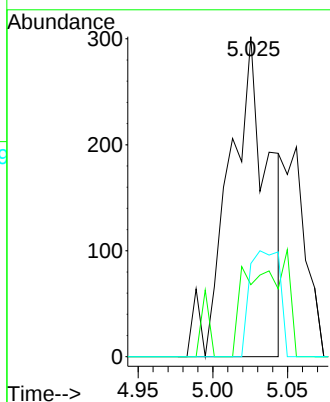
MSVOA_X

ClientSampleId :

EB-01-042922



Tgt Ion:	42	Resp:	557
Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.1	66.1#
71	25.1	40.5	60.7#



#31

Cyclohexane

Concen: 1.311 ug/l

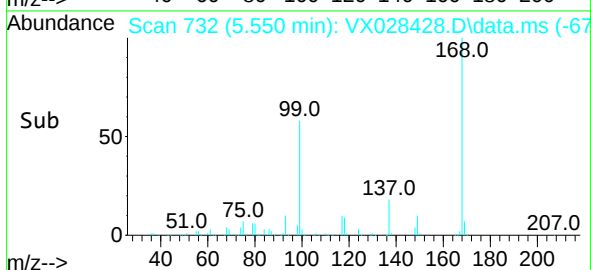
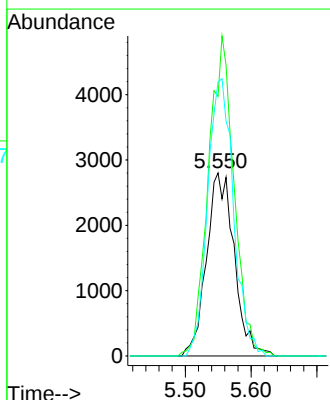
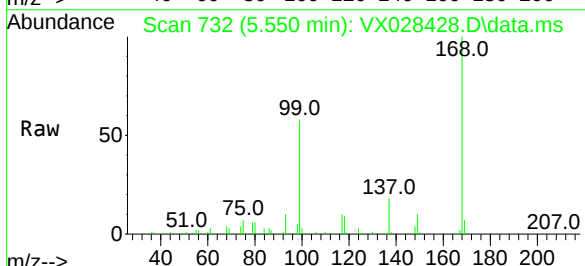
RT: 5.550 min Scan# 732

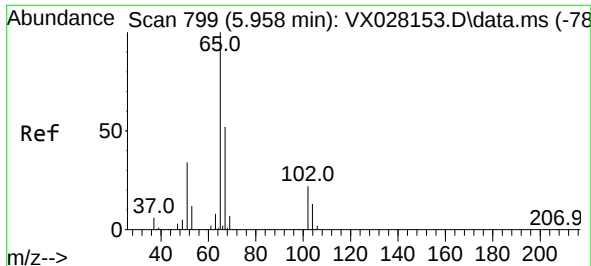
Delta R.T. 0.080 min

Lab File: VX028428.D

Acq: 29 Apr 2022 17:00

Tgt Ion:	56	Resp:	8205
Ion	Ratio	Lower	Upper
56	100		
69	141.8	26.7	40.1#
84	149.7	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 55.056 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028428.D

Acq: 29 Apr 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

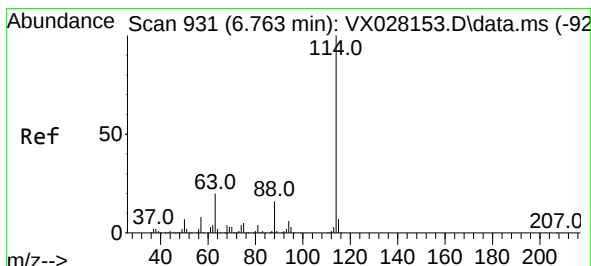
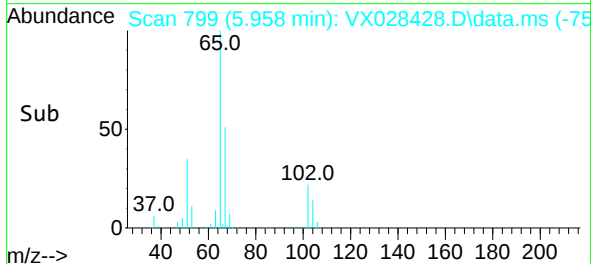
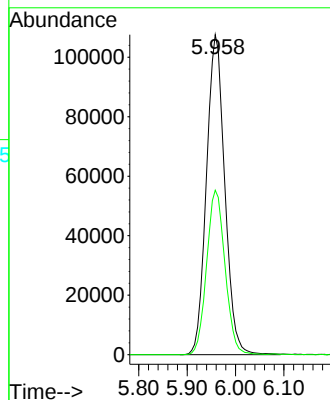
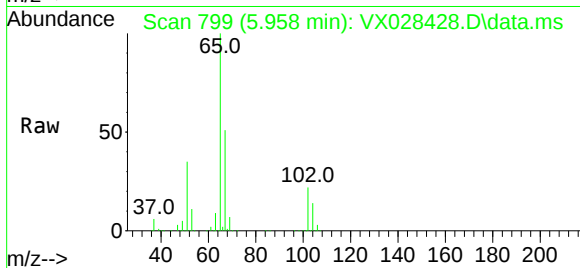
EB-01-042922

Tgt Ion: 65 Resp: 282923

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028428.D

Acq: 29 Apr 2022 17:00

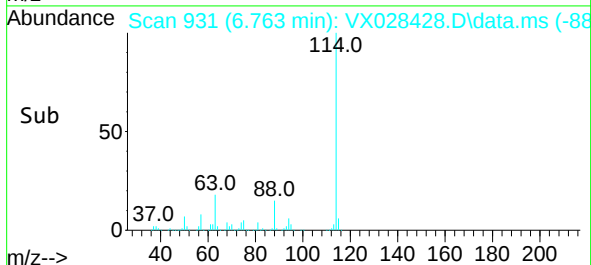
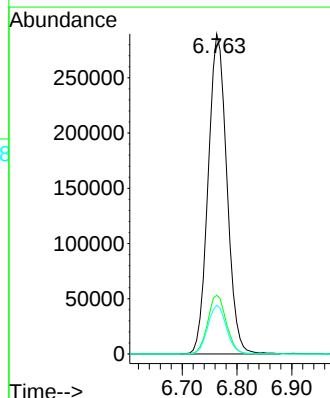
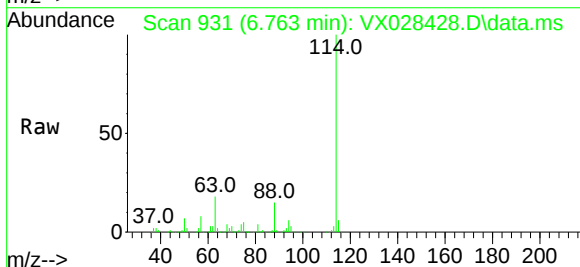
Tgt Ion: 114 Resp: 685536

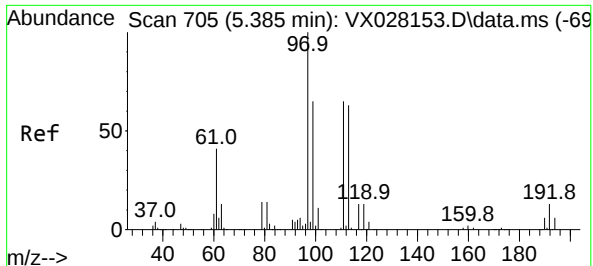
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.231 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028428.D

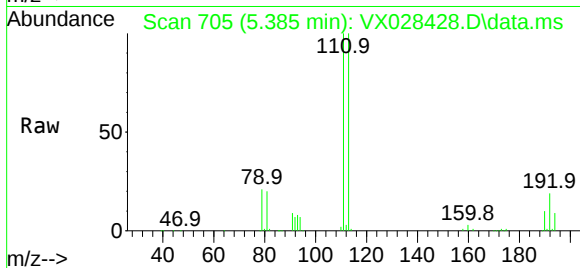
Acq: 29 Apr 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

EB-01-042922



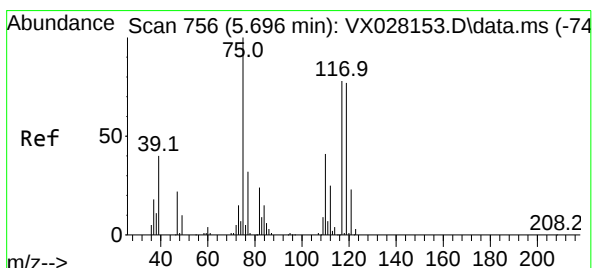
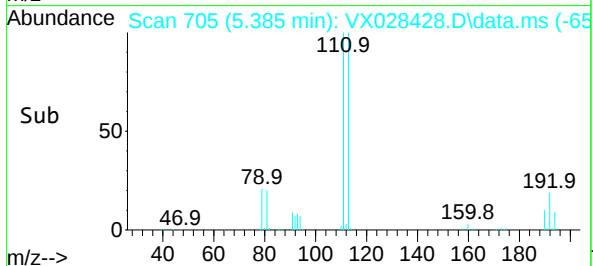
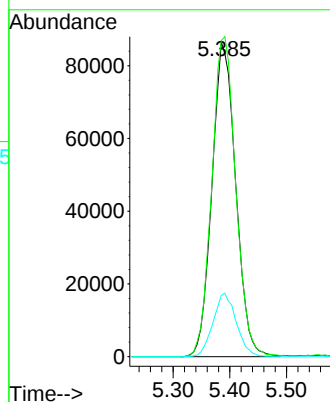
Tgt Ion:113 Resp: 251108

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 19.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.609 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028428.D

Acq: 29 Apr 2022 17:00

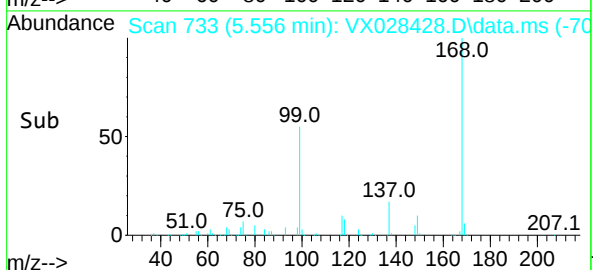
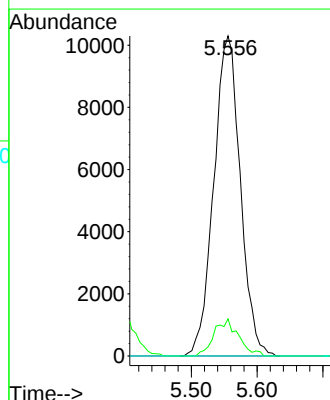
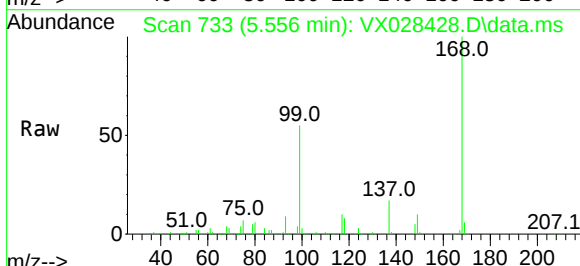
Tgt Ion: 75 Resp: 28901

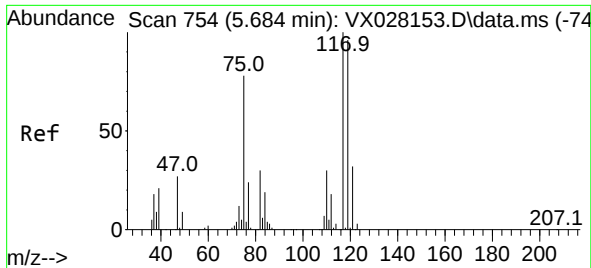
Ion Ratio Lower Upper

75 100

110 10.7 18.3 54.8#

77 0.0 24.8 37.2#

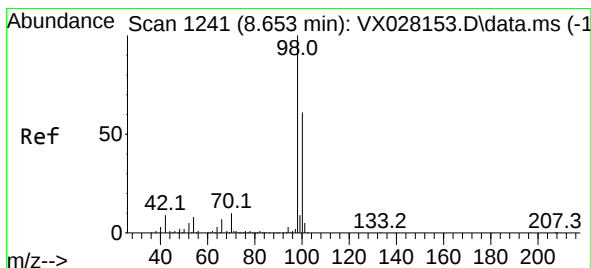
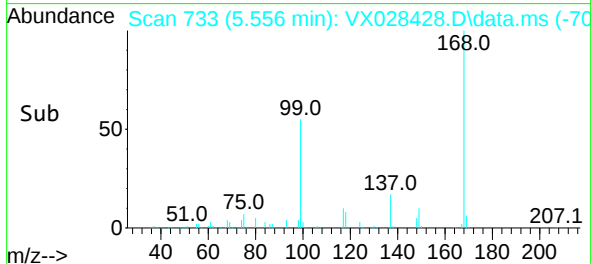
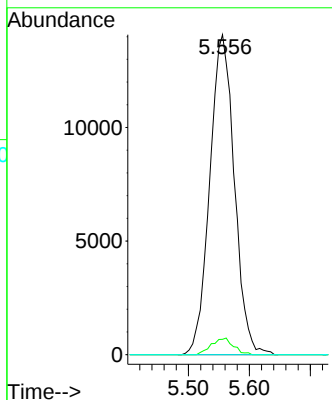
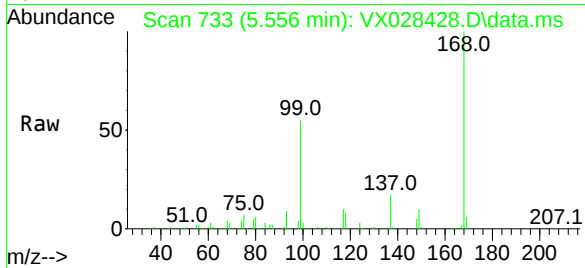




#38
Carbon Tetrachloride
Concen: 5.584 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

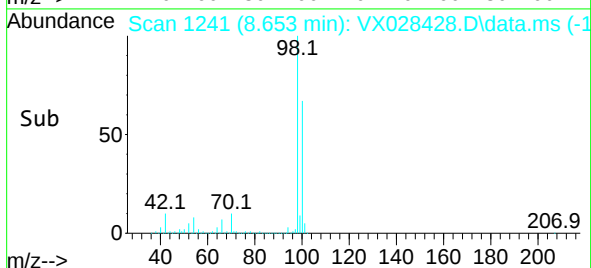
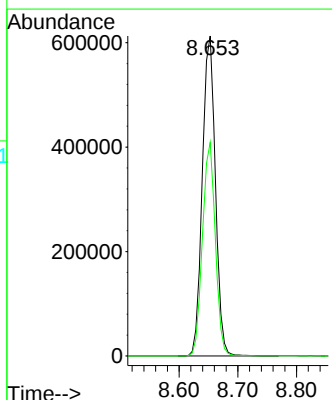
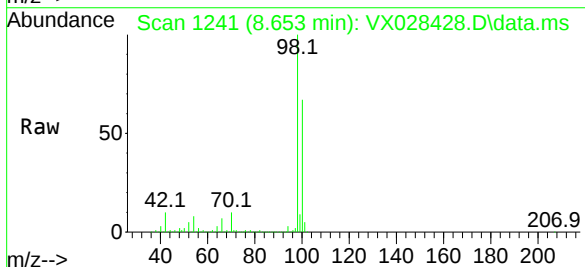
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

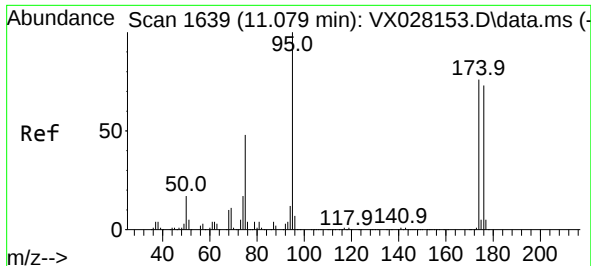
Tgt Ion:117 Resp: 39530
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.291 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Tgt Ion: 98 Resp: 947101
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

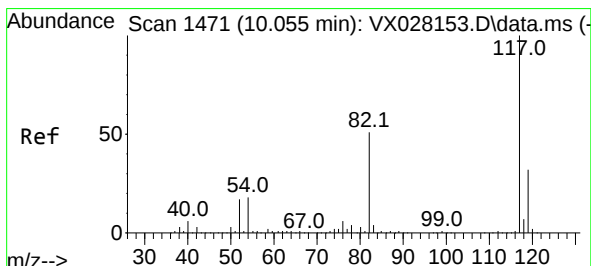
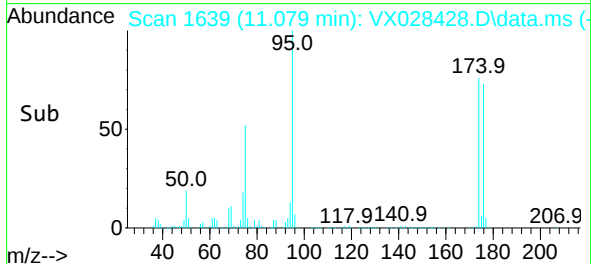
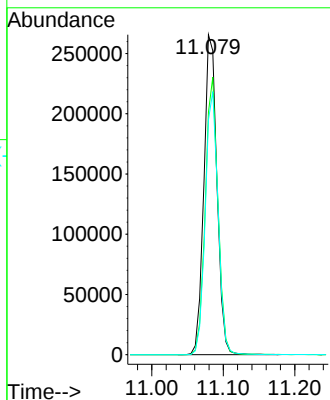
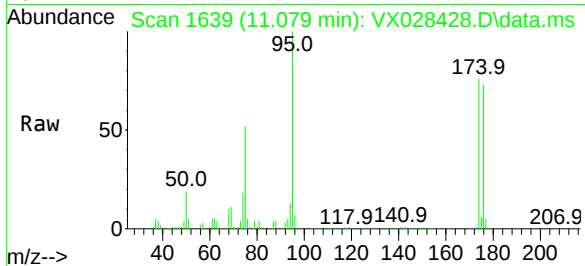




#62
4-Bromofluorobenzene
Concen: 47.831 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

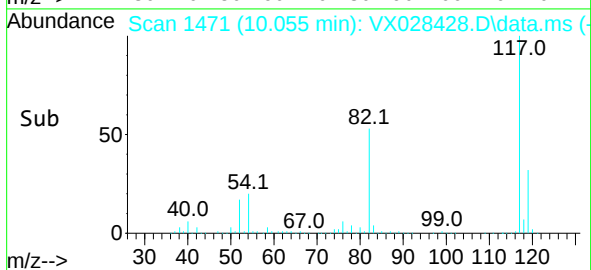
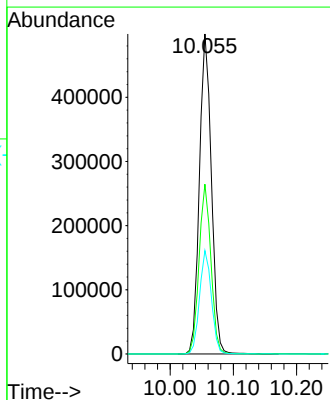
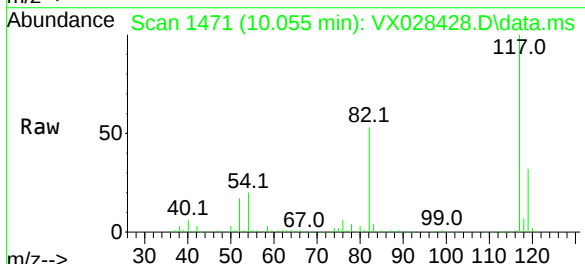
Instrument :
MSVOA_X
ClientSampleId :
EB-01-042922

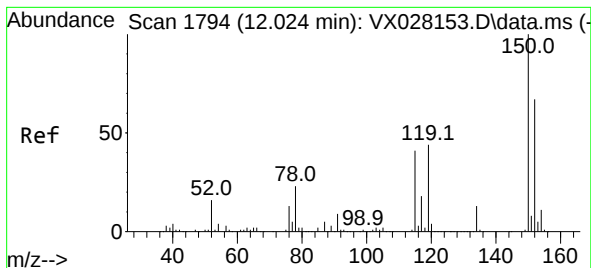
Tgt Ion: 95 Resp: 337697
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 80.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028428.D
Acq: 29 Apr 2022 17:00

Tgt Ion: 117 Resp: 657248
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028428.D

Acq: 29 Apr 2022 17:00

Instrument :

MSVOA_X

ClientSampleId :

EB-01-042922

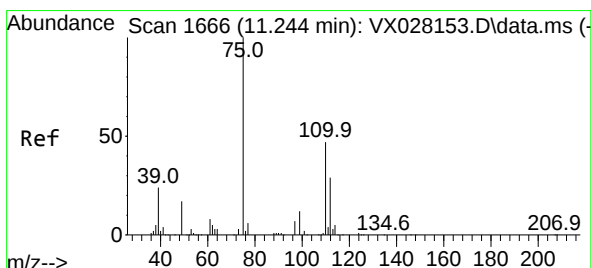
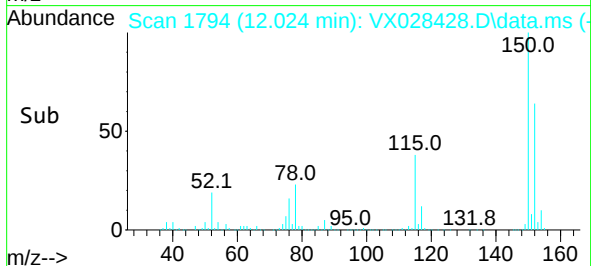
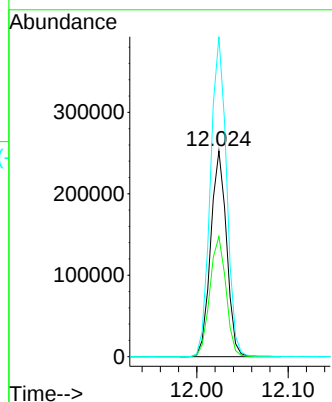
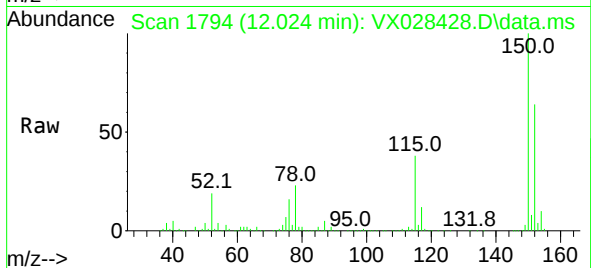
Tgt Ion:152 Resp: 304262

Ion Ratio Lower Upper

152 100

115 59.2 37.5 112.7

150 157.8 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 29.053 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX028428.D

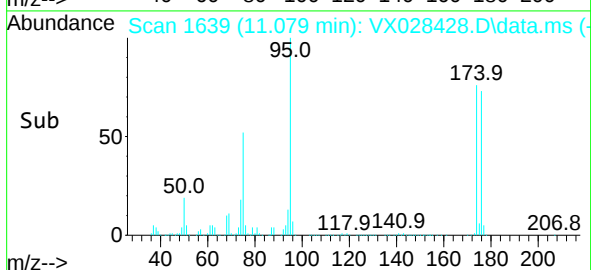
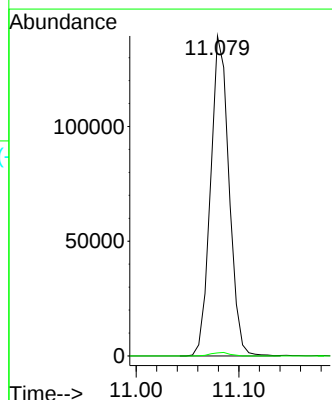
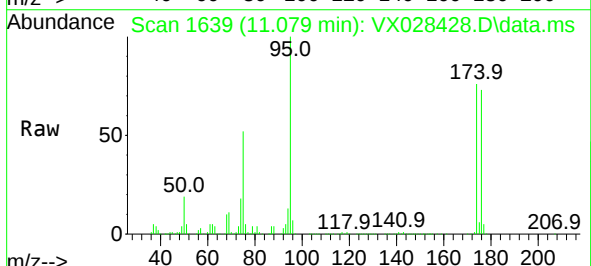
Acq: 29 Apr 2022 17:00

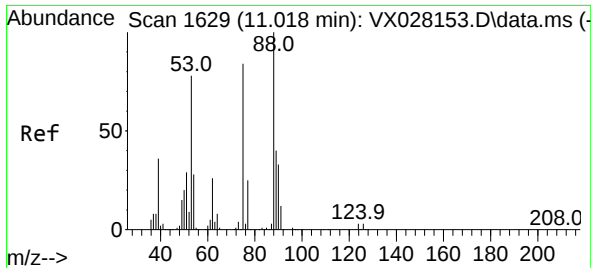
Tgt Ion: 75 Resp: 173972

Ion Ratio Lower Upper

75 100

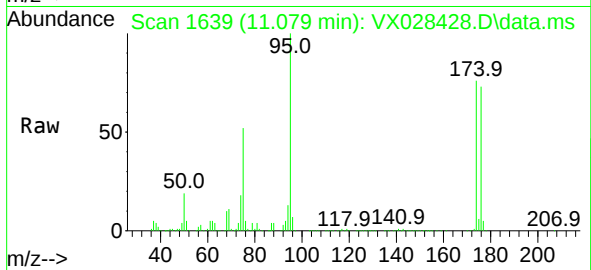
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.338 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028428.D
 Acq: 29 Apr 2022 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-042922



Tgt Ion: 75 Resp: 173972
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

