

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121422\
 Data File : VX033417.D
 Acq On : 14 Dec 2022 14:21
 Operator : JC/MD
 Sample : N6049-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-121322

Quant Time: Dec 14 22:49:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

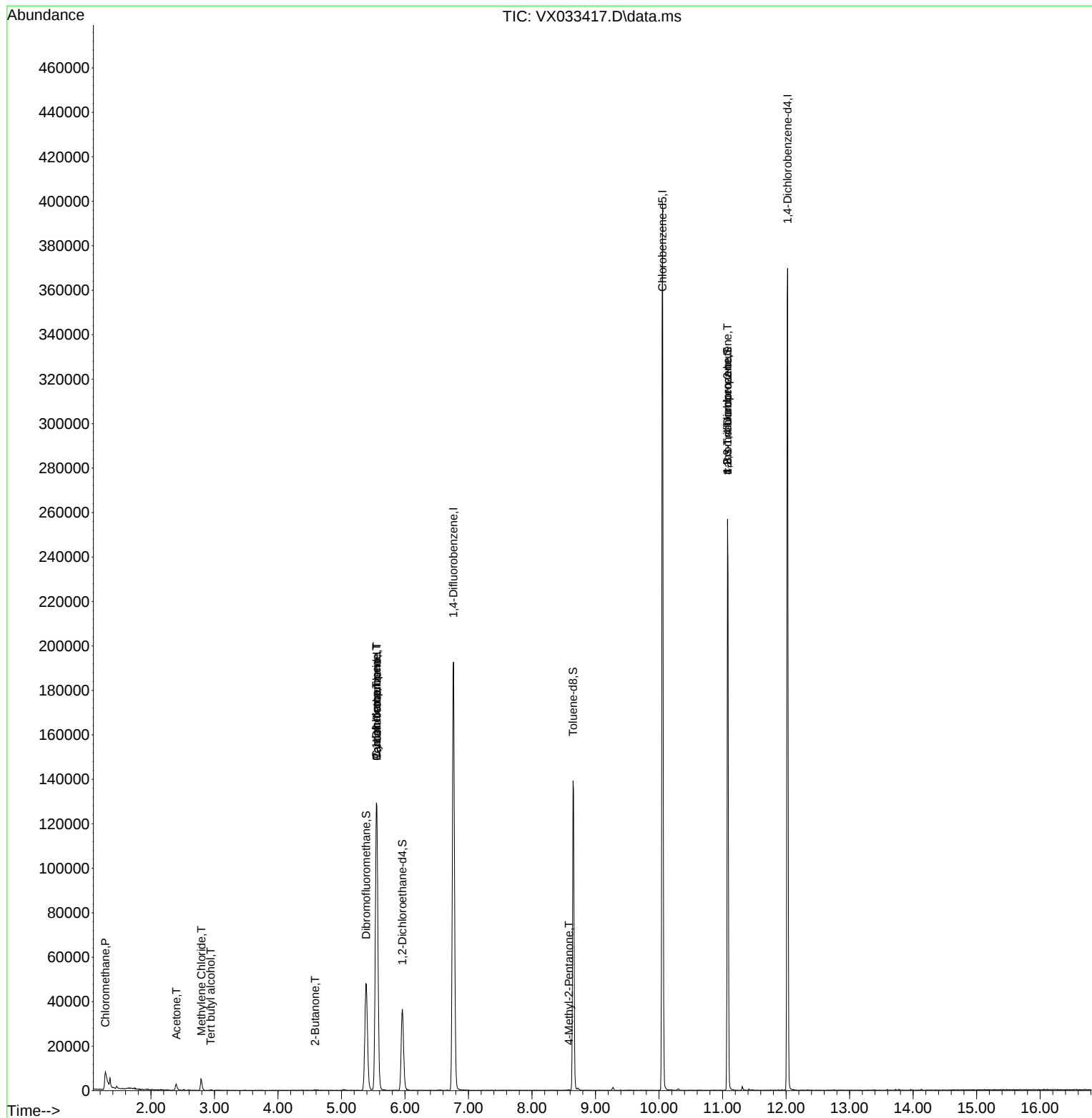
Internal Standards						
1) Pentafluorobenzene	5.556	168	127025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37946	46.565	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.120%
35) Dibromofluoromethane	5.385	113	42548	46.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.647	98	87292	46.059	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.120%
62) 4-Bromofluorobenzene	11.079	95	67746	46.750	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.282	50	444	0.433	ug/l #	43
11) Tert butyl alcohol	2.940	59	98	0.393	ug/l #	72
16) Acetone	2.398	43	3748	6.215	ug/l	90
20) Methylene Chloride	2.794	84	2532	1.883	ug/l	86
25) 2-Butanone	4.586	43	184	0.213	ug/l #	47
31) Cyclohexane	5.550	56	2451	1.266	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9311	5.271	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13130	6.635	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	345	0.203	ug/l #	36
76) 1,2,3-Trichloropropane	11.079	75	34527	20.854	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34527	64.870	ug/l #	6

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

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

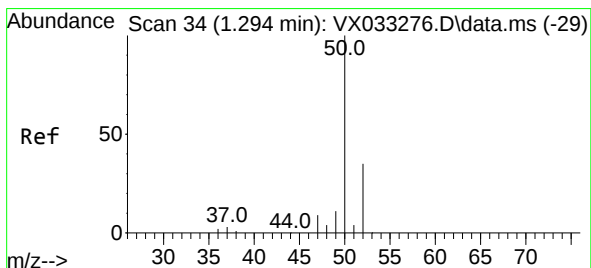
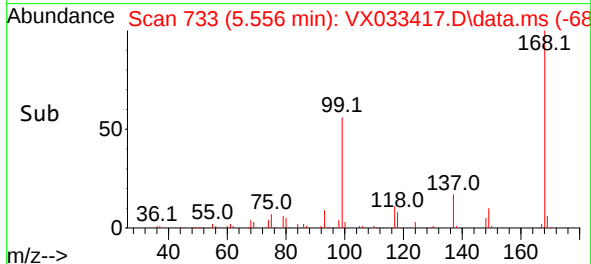
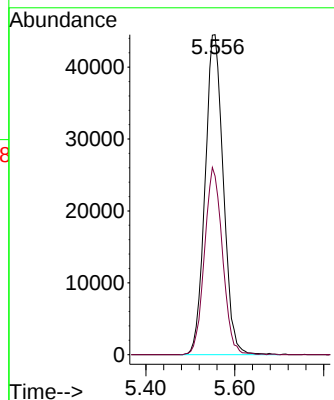
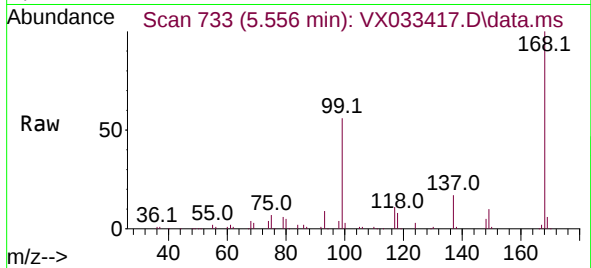




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

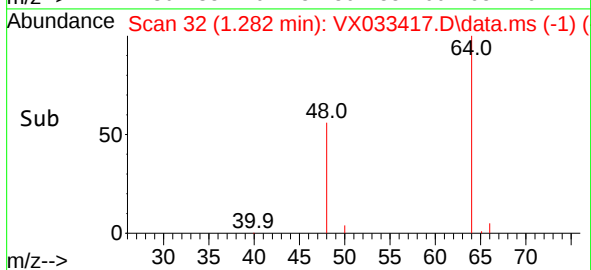
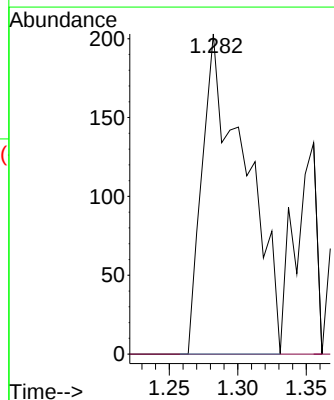
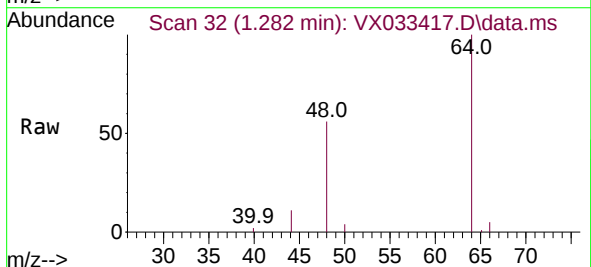
Instrument :
MSVOA_X
ClientSampleId :
EB-01-121322

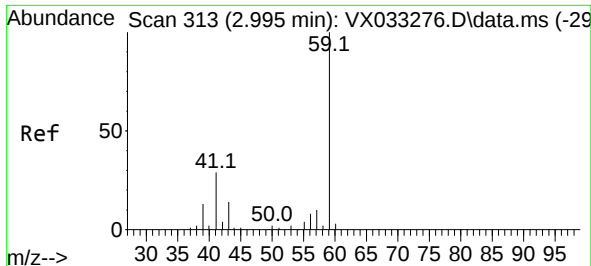
Tgt Ion:168 Resp: 127025
Ion Ratio Lower Upper
168 100
99 55.8 46.1 69.1



#3
Chloromethane
Concen: 0.433 ug/l
RT: 1.282 min Scan# 32
Delta R.T. -0.012 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 0.393 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX033417.D

Acq: 14 Dec 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

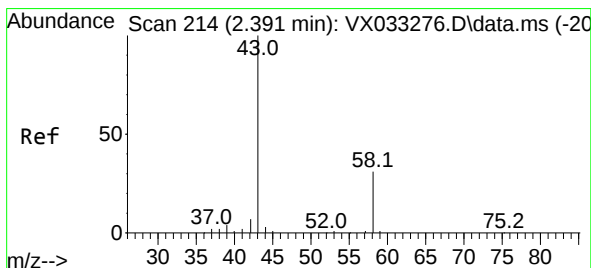
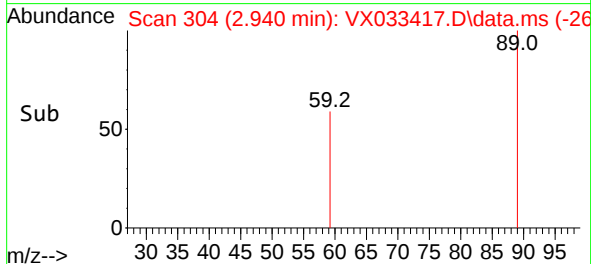
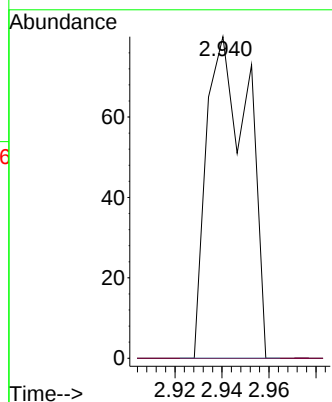
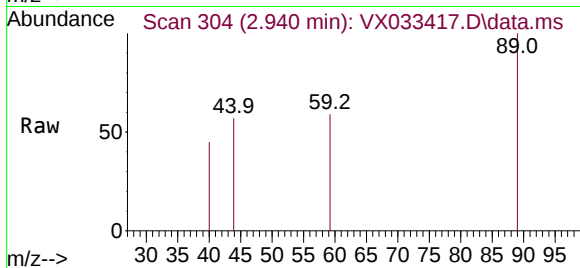
EB-01-121322

Tgt Ion: 59 Resp: 98

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 6.215 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX033417.D

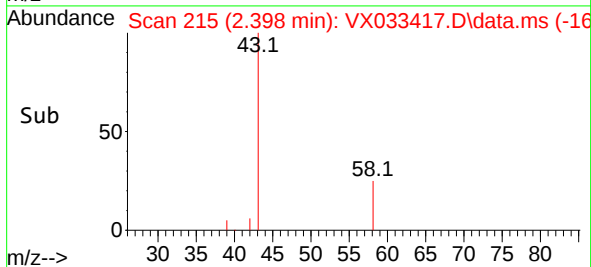
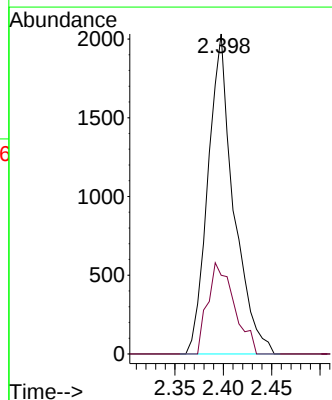
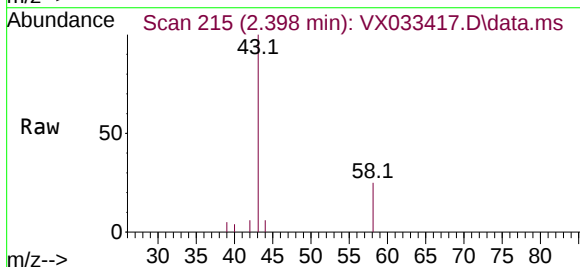
Acq: 14 Dec 2022 14:21

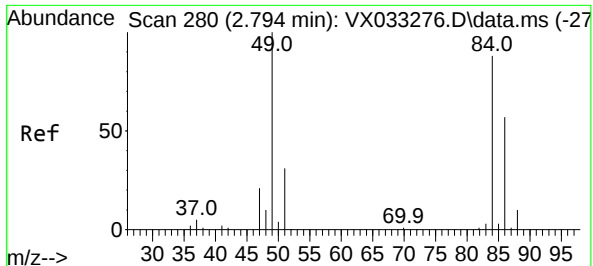
Tgt Ion: 43 Resp: 3748

Ion Ratio Lower Upper

43 100

58 24.6 23.8 35.8





#20

Methylene Chloride

Concen: 1.883 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033417.D

Acq: 14 Dec 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

EB-01-121322

Tgt Ion: 84 Resp: 2532

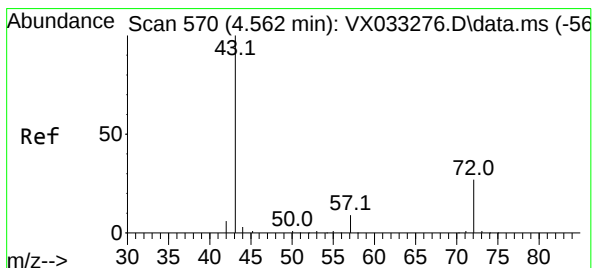
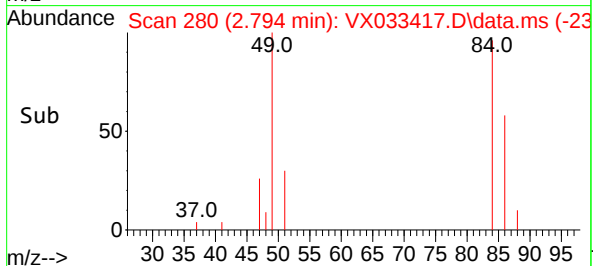
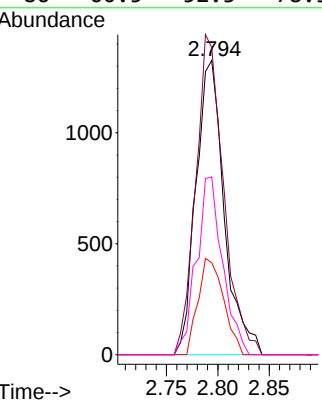
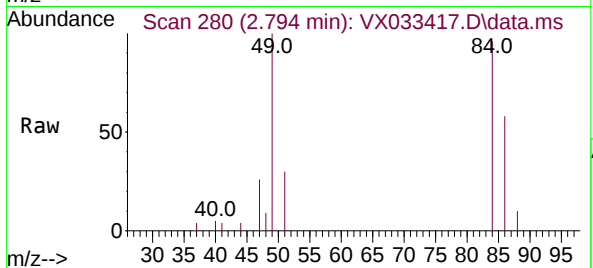
Ion Ratio Lower Upper

84 100

49 104.5 101.0 151.6

51 31.3 31.1 46.7

86 60.5 52.3 78.5



#25

2-Butanone

Concen: 0.213 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.025 min

Lab File: VX033417.D

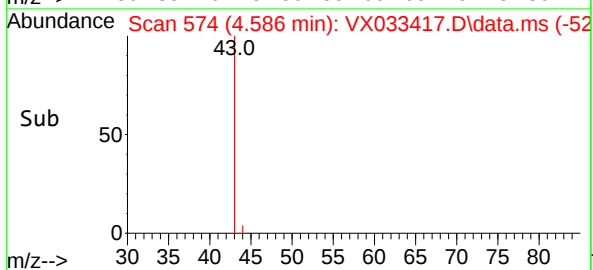
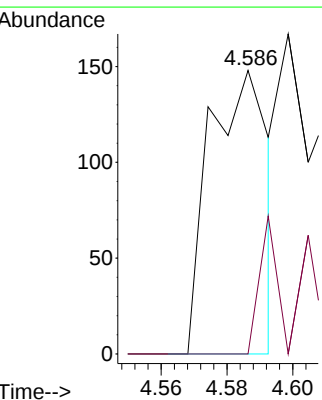
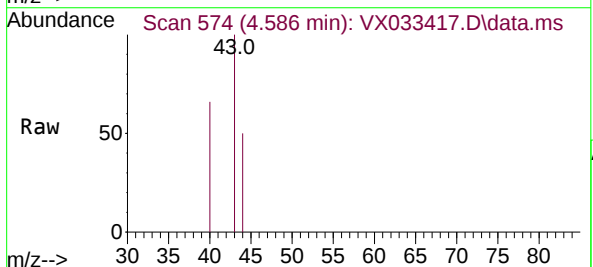
Acq: 14 Dec 2022 14:21

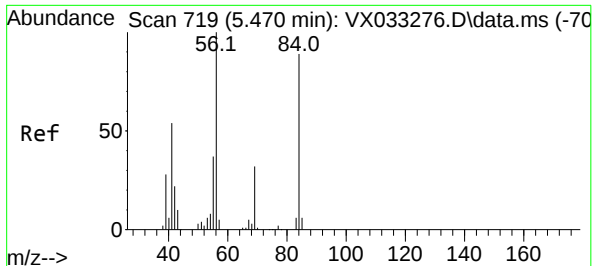
Tgt Ion: 43 Resp: 184

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#

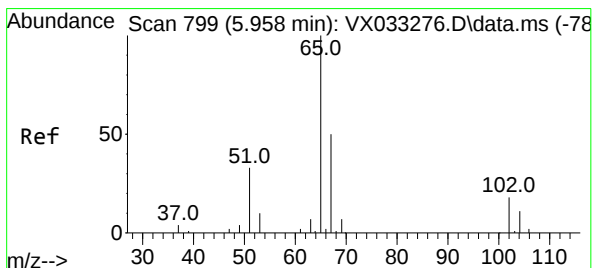
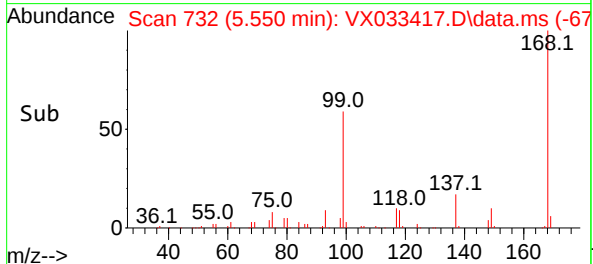
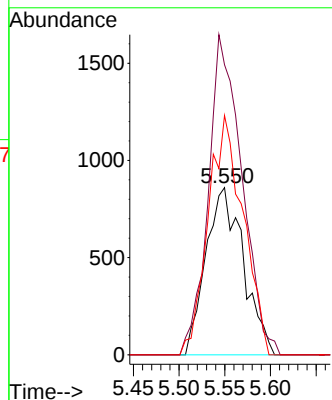
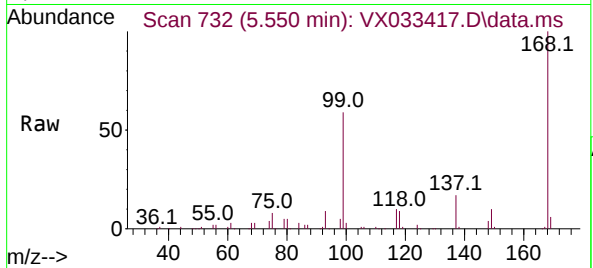




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

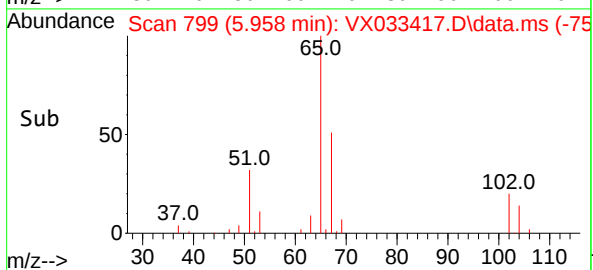
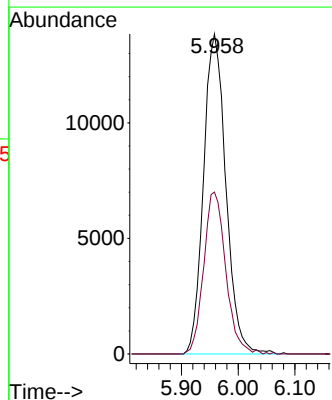
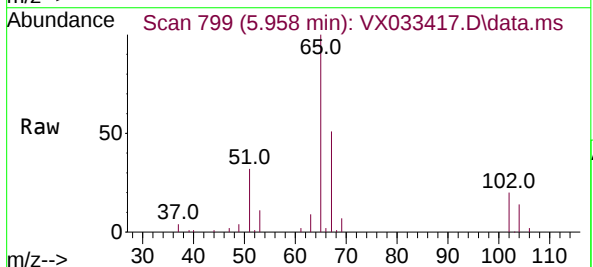
Instrument :
MSVOA_X
ClientSampleId :
EB-01-121322

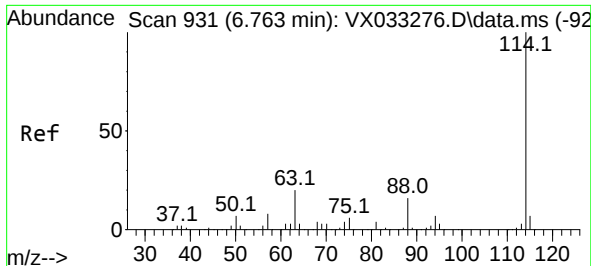
Tgt Ion: 56 Resp: 2451
Ion Ratio Lower Upper
56 100
69 173.5 24.1 36.1#
84 143.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 46.565 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

Tgt Ion: 65 Resp: 37946
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

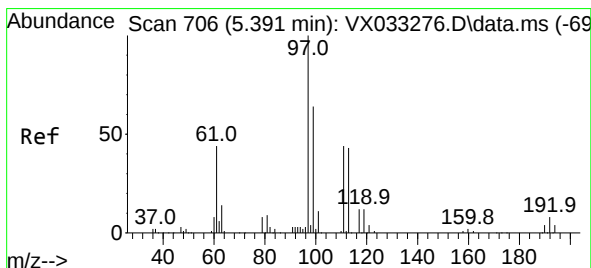
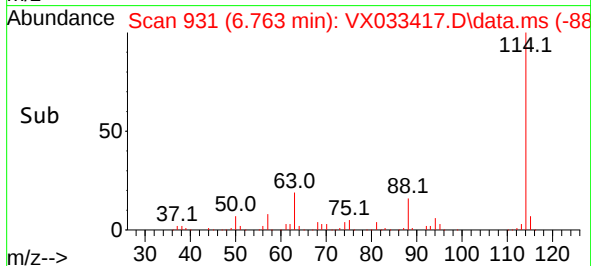
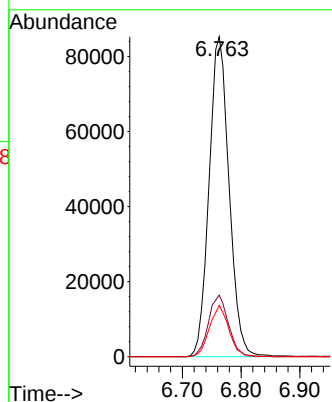
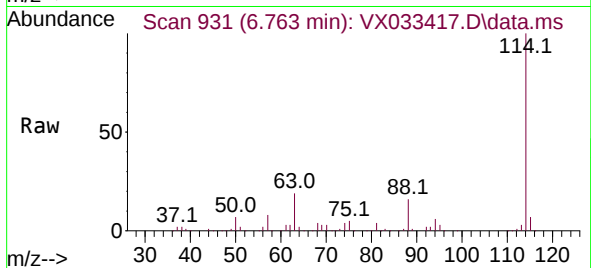




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

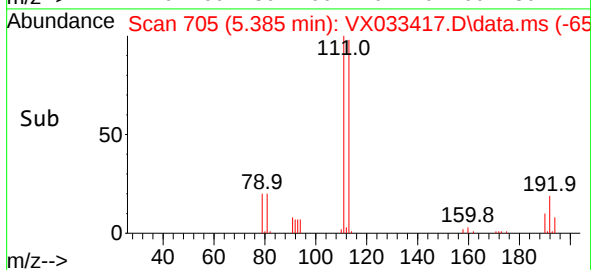
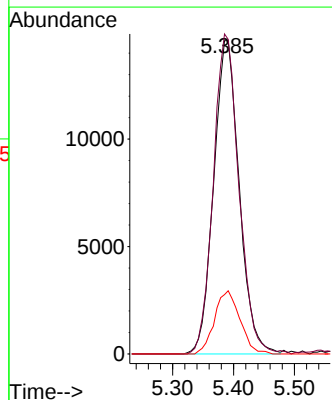
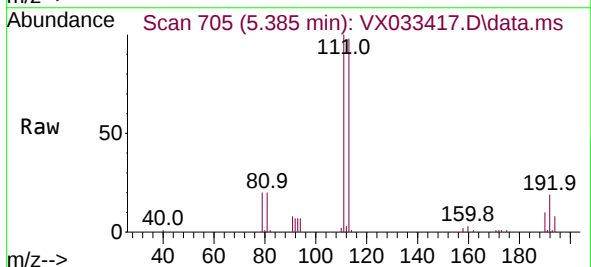
Instrument :
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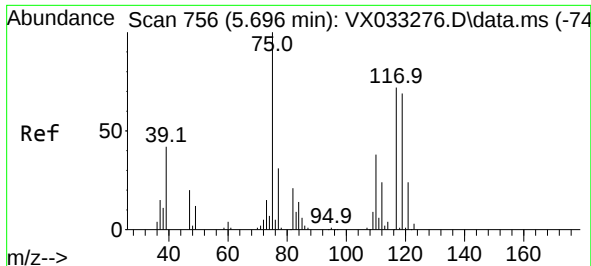
Tgt Ion:114 Resp: 201421
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.965 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

Tgt Ion:113 Resp: 42548
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 20.0 15.4 23.2

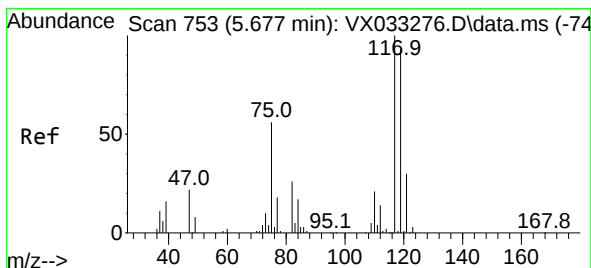
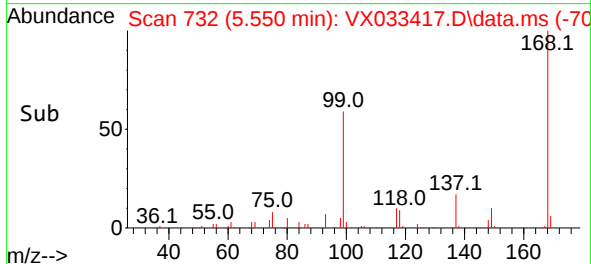
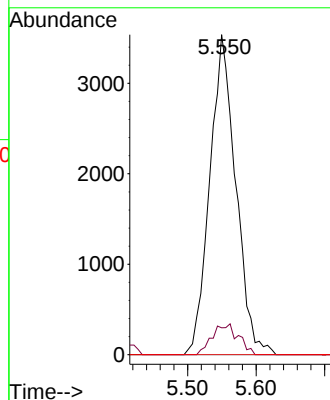
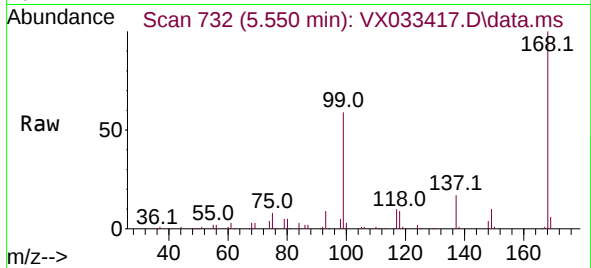




#36
1,1-Dichloropropene
Concen: 5.271 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

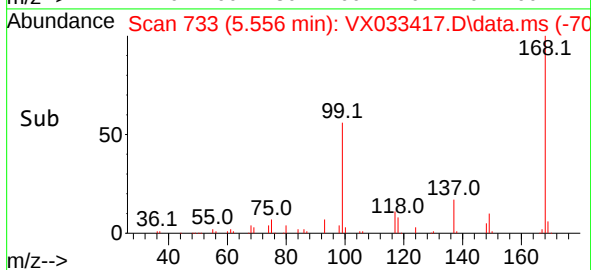
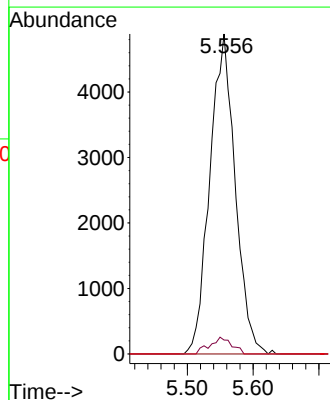
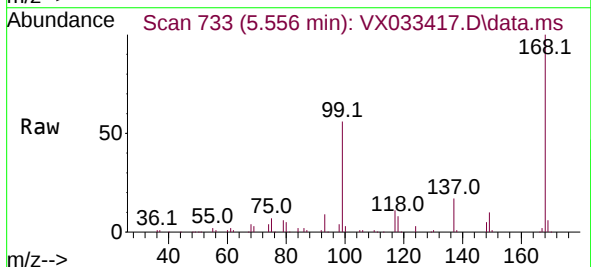
Instrument :
MSVOA_X
ClientSampleId :
EB-01-121322

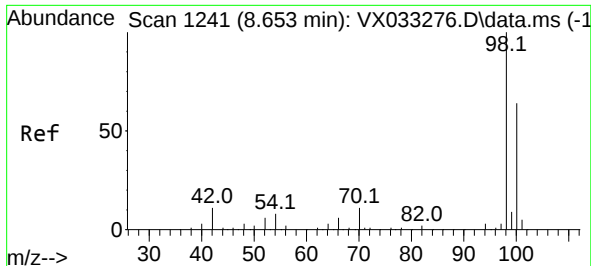
Tgt Ion: 75 Resp: 9311
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.635 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

Tgt Ion: 117 Resp: 13130
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 25.8 38.6#

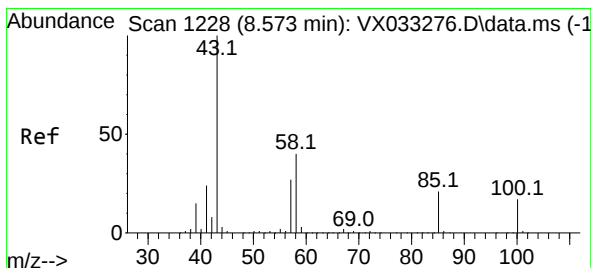
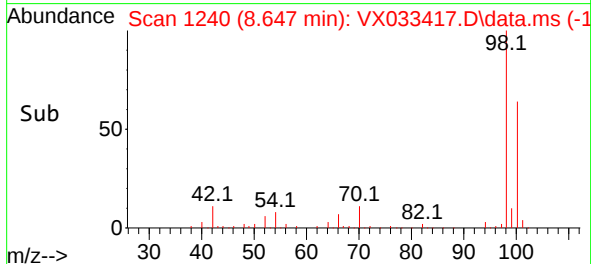
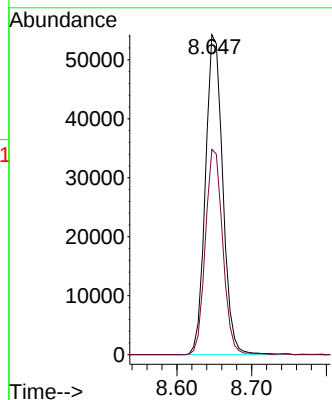
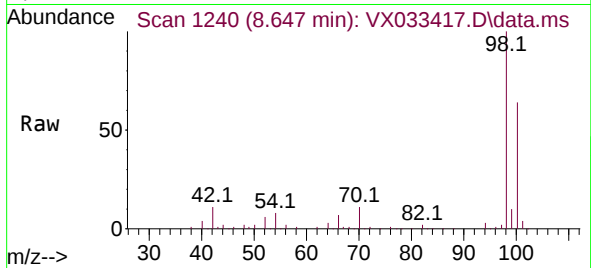




#50
Toluene-d8
Concen: 46.059 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

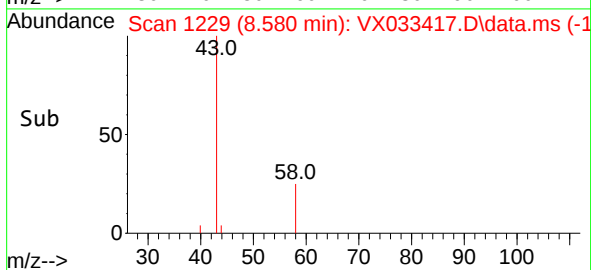
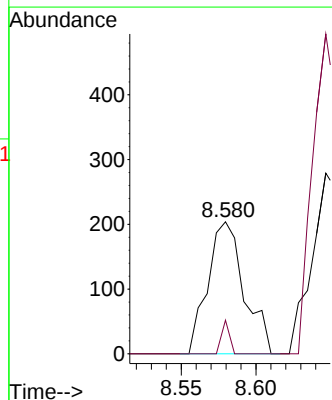
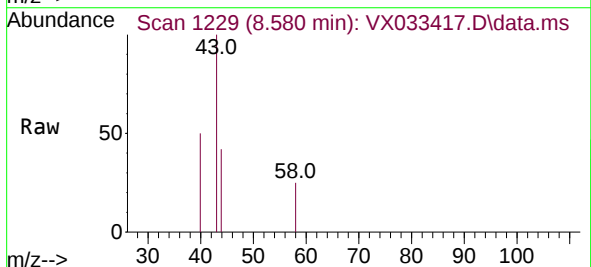
Instrument :
MSVOA_X
ClientSampleId :
EB-01-121322

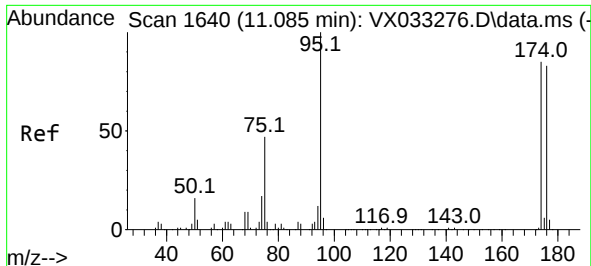
Tgt Ion: 98 Resp: 87292
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 46.750 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033417.D

Acq: 14 Dec 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

EB-01-121322

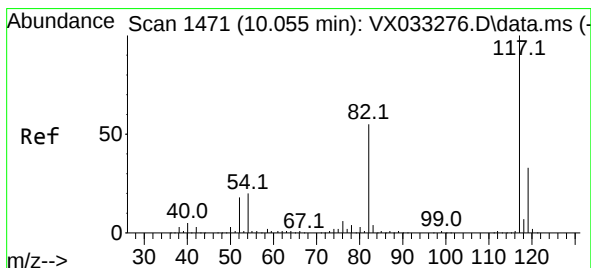
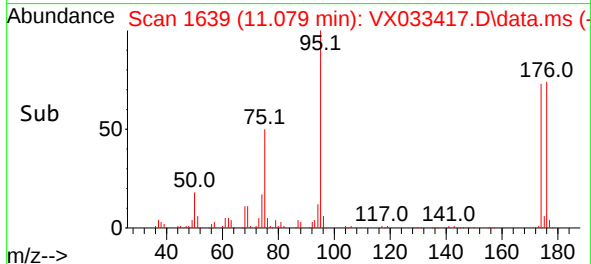
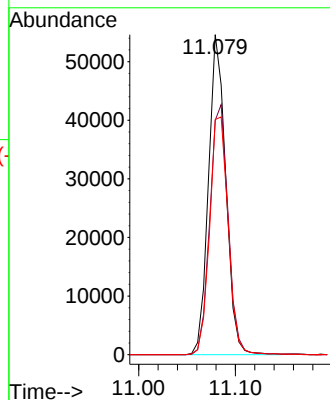
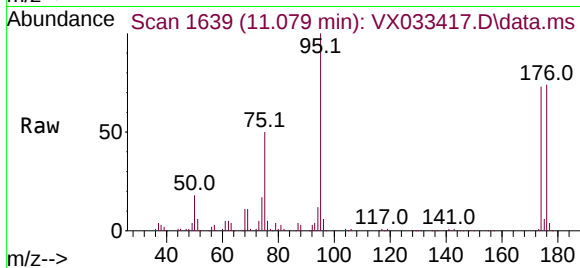
Tgt Ion: 95 Resp: 67746

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

176 79.8 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033417.D

Acq: 14 Dec 2022 14:21

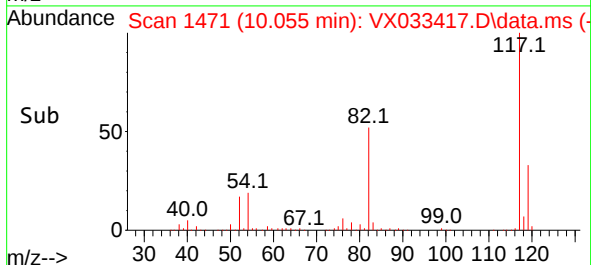
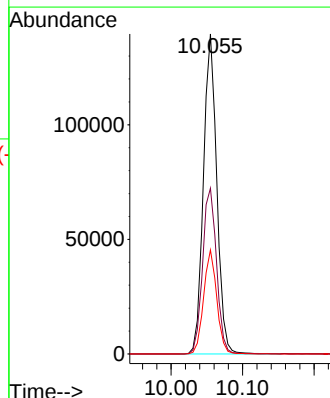
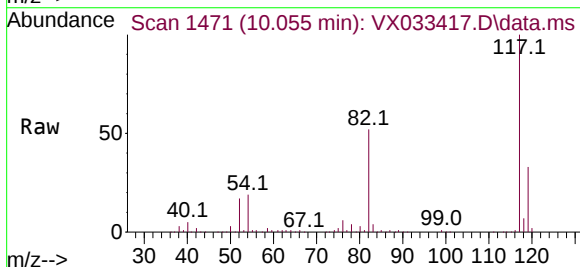
Tgt Ion: 117 Resp: 181361

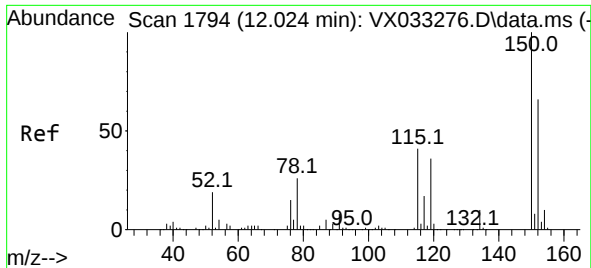
Ion Ratio Lower Upper

117 100

82 51.8 44.3 66.5

119 32.5 25.7 38.5

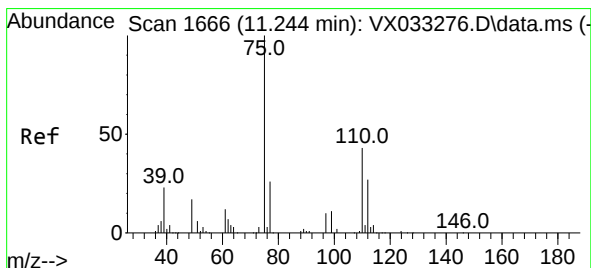
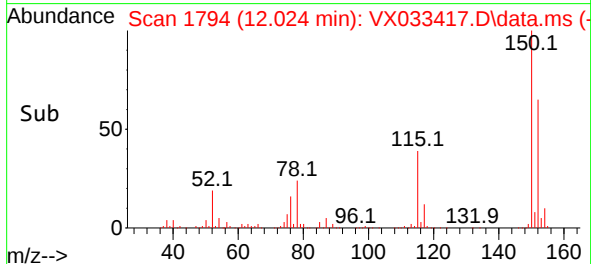
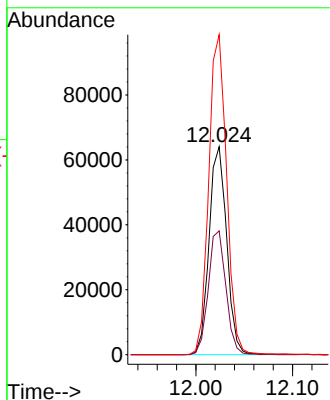
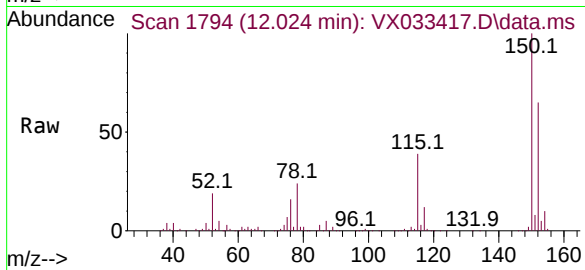




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033417.D
 Acq: 14 Dec 2022 14:21

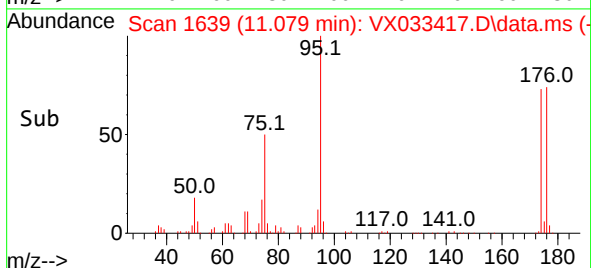
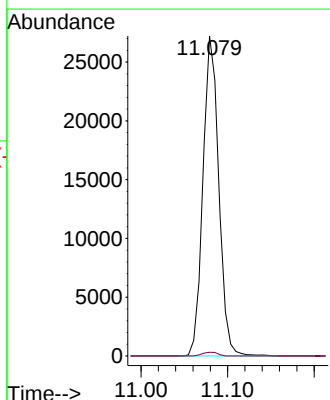
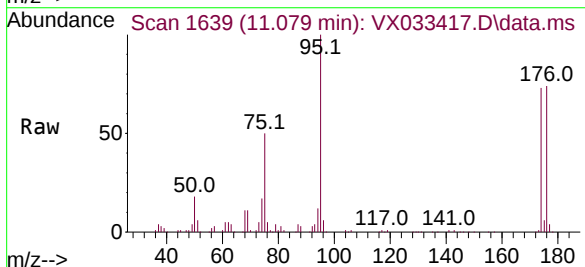
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01-121322

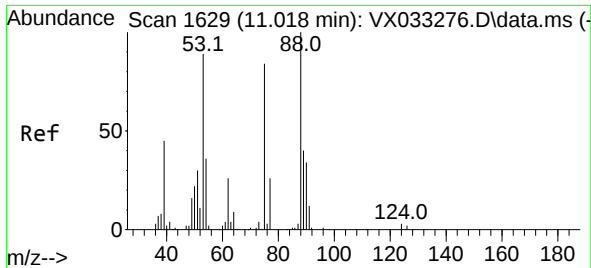
Tgt Ion:152 Resp: 81378
 Ion Ratio Lower Upper
 152 100
 115 59.5 44.0 132.0
 150 156.1 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 20.854 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033417.D
 Acq: 14 Dec 2022 14:21

Tgt Ion: 75 Resp: 34527
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.870 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033417.D
Acq: 14 Dec 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
EB-01-121322

Tgt Ion: 75 Resp: 34527
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

