

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033196.D
 Acq On : 02 Dec 2022 19:16
 Operator : JC/MD
 Sample : N5841-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

Quant Time: Dec 03 04:36:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

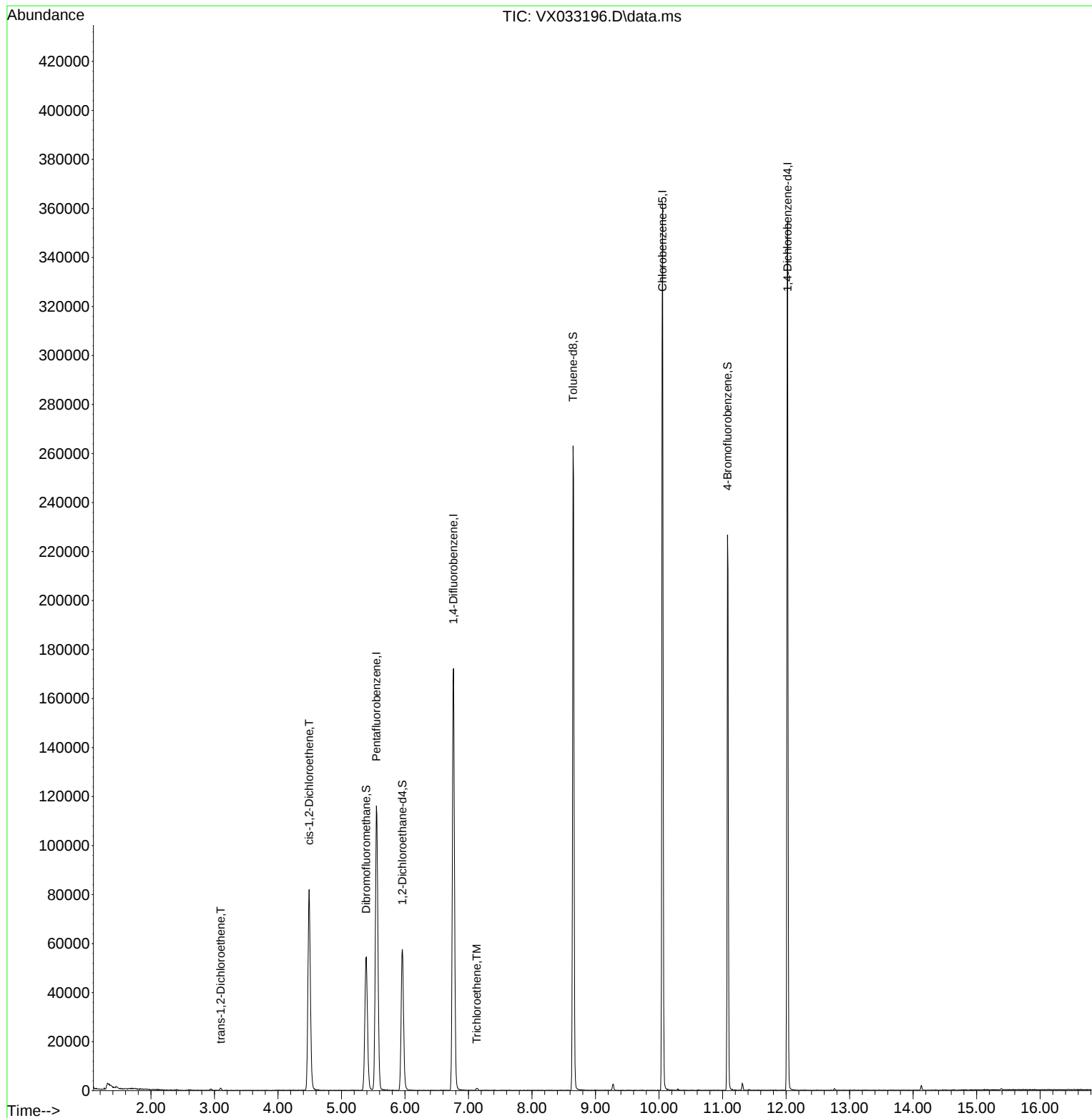
Internal Standards						
1) Pentafluorobenzene	5.550	168	108497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59089	56.118	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.240%
35) Dibromofluoromethane	5.385	113	47054	46.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	155347	51.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.280%
62) 4-Bromofluorobenzene	11.079	95	57388	43.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.280%
Target Compounds						
						Qvalue
21) trans-1,2-Dichloroethene	3.099	96	491	0.453	ug/l #	81
27) cis-1,2-Dichloroethene	4.489	96	50564	41.090	ug/l	90
44) Trichloroethene	7.129	130	461	0.366	ug/l	76

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

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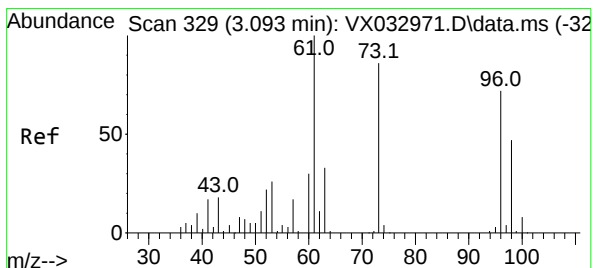
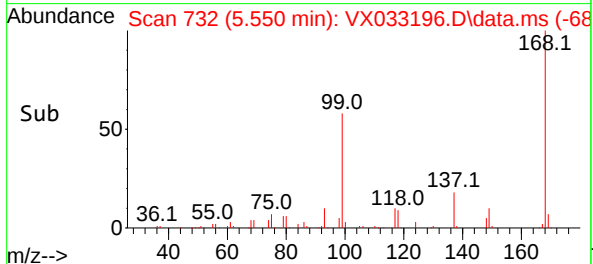
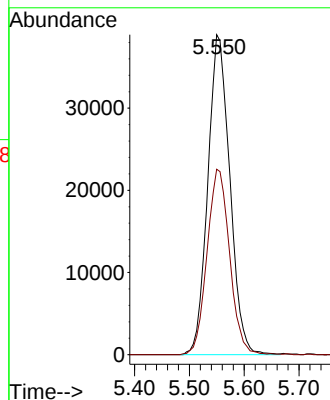
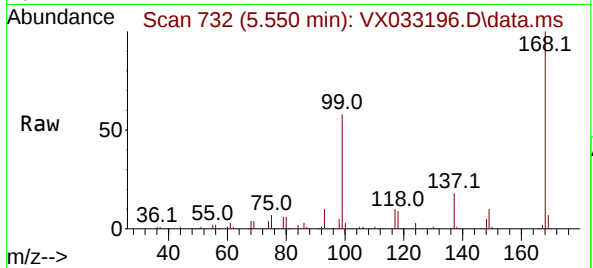




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

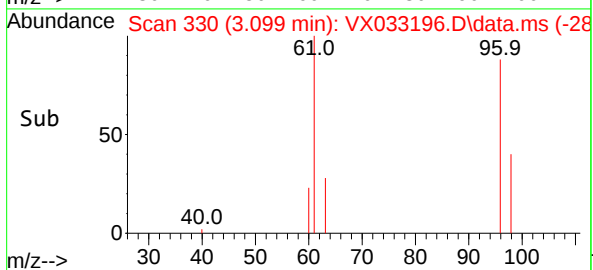
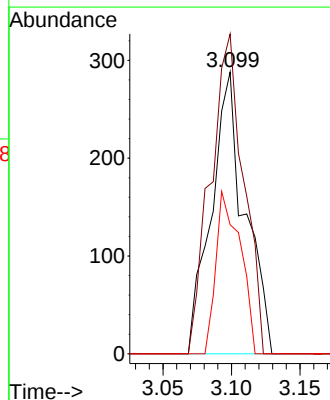
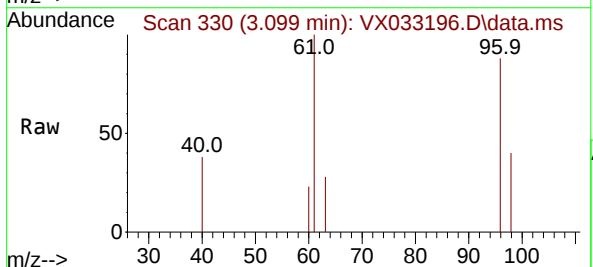
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

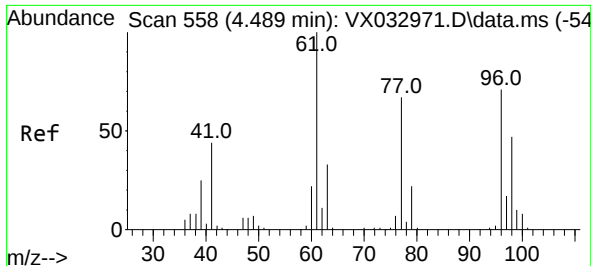
Tgt Ion:168 Resp: 108497
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#21
trans-1,2-Dichloroethene
Concen: 0.453 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Tgt Ion: 96 Resp: 491
Ion Ratio Lower Upper
96 100
61 113.5 106.6 160.0
98 45.8 51.0 76.6#

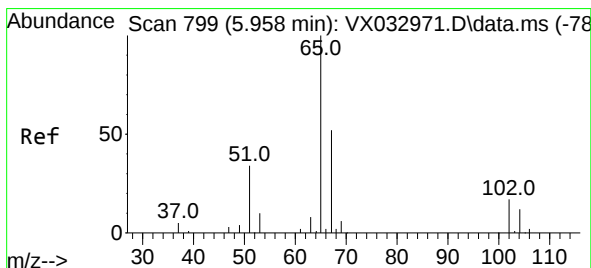
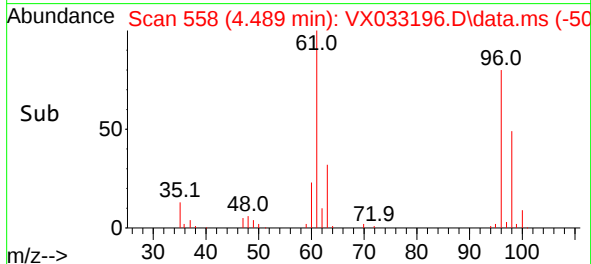
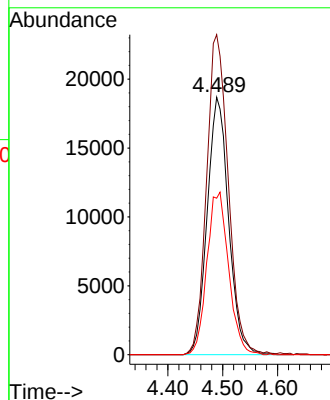
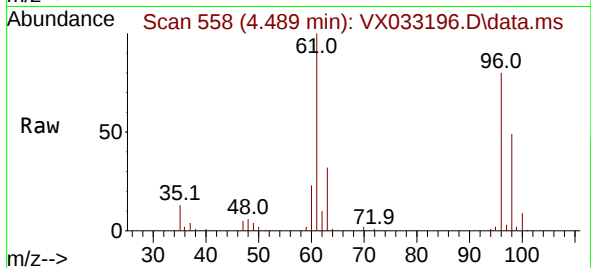




#27
cis-1,2-Dichloroethene
Concen: 41.090 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

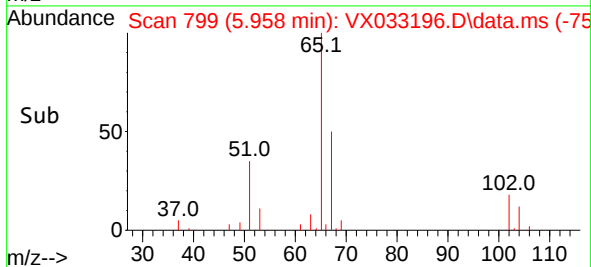
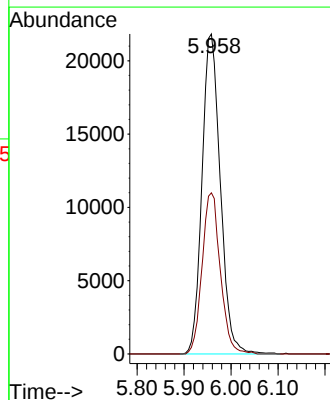
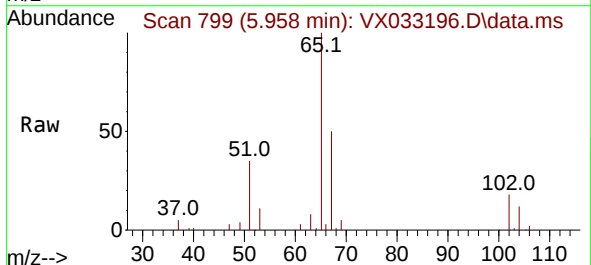
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

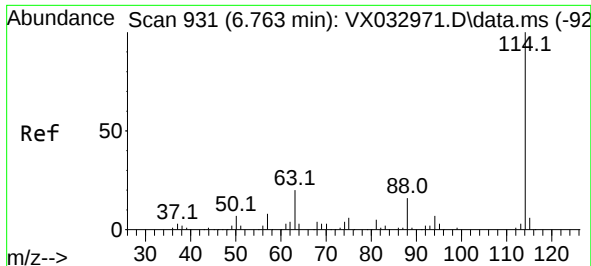
Tgt Ion: 96 Resp: 50564
Ion Ratio Lower Upper
96 100
61 126.1 0.0 286.0
98 64.2 0.0 129.6



#33
1,2-Dichloroethane-d4
Concen: 56.118 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Tgt Ion: 65 Resp: 59089
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

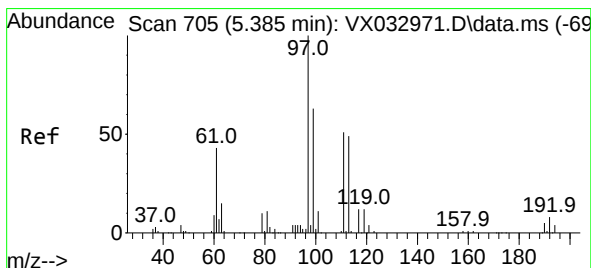
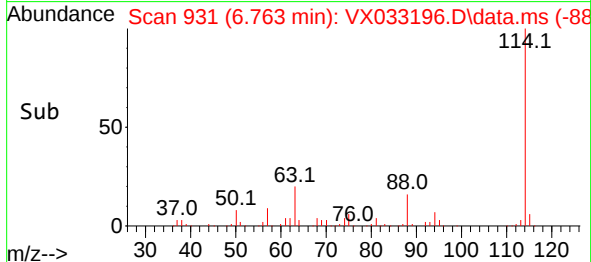
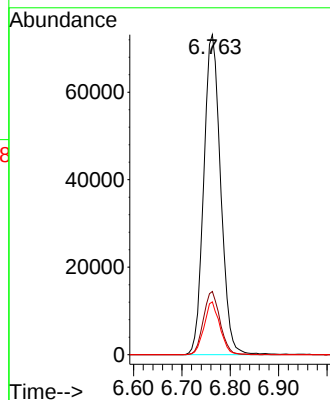
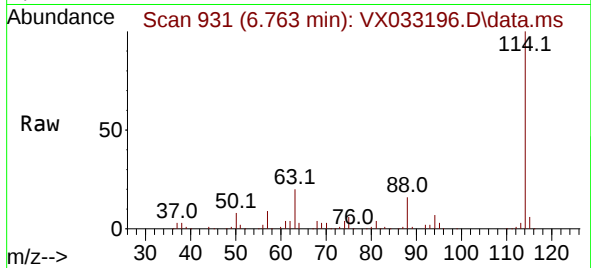




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

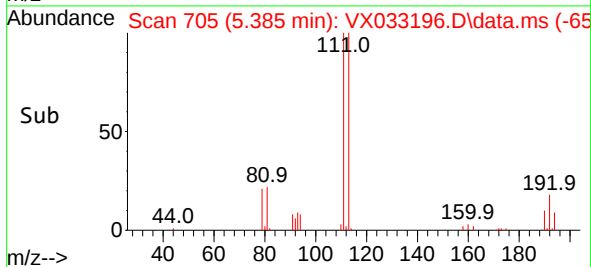
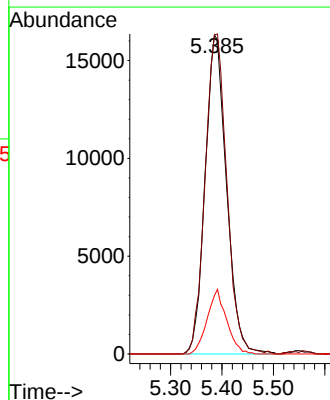
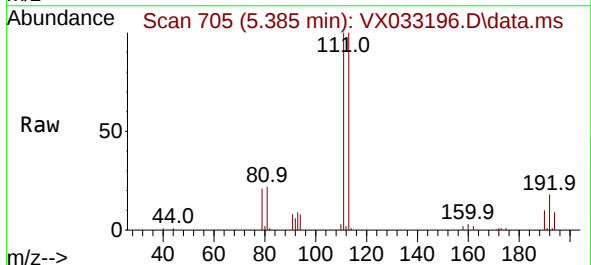
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

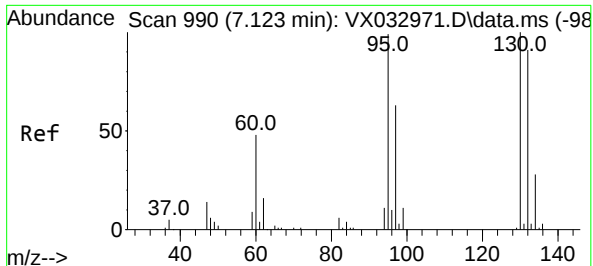
Tgt Ion:114 Resp: 177591
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.998 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Tgt Ion:113 Resp: 47054
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.4 15.4 23.2

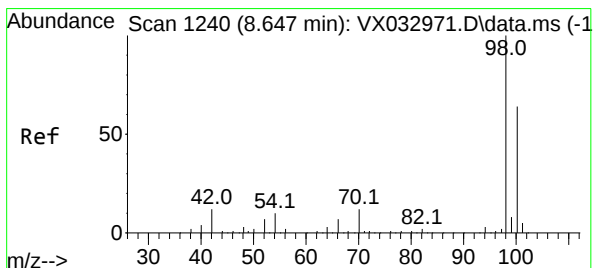
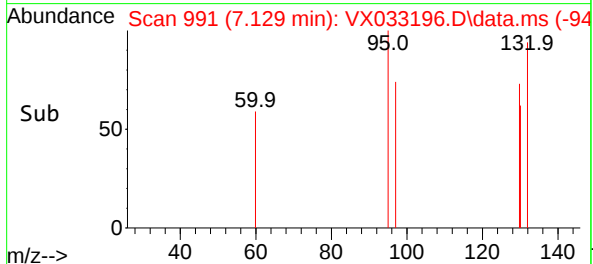
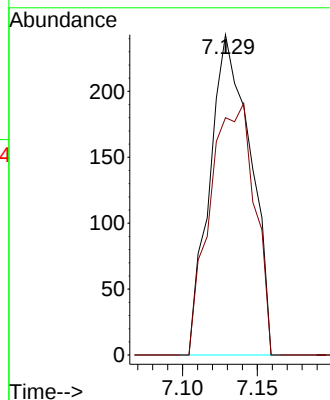
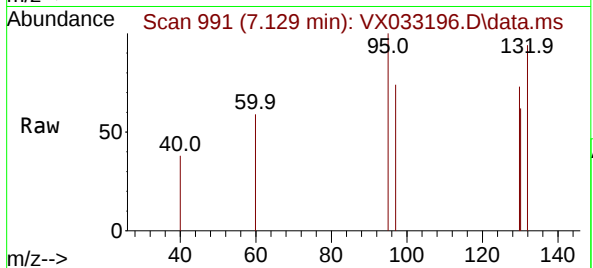




#44
Trichloroethene
Concen: 0.366 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

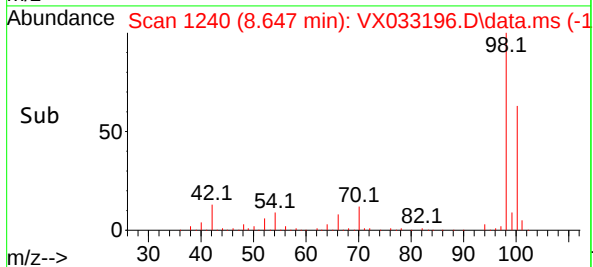
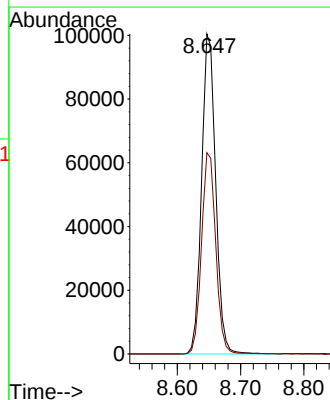
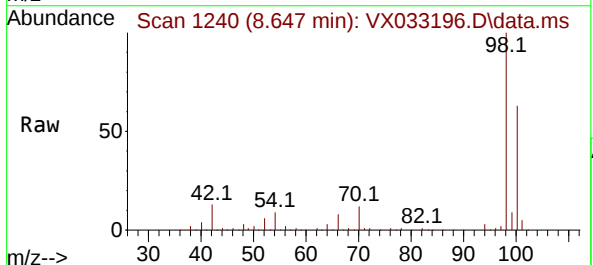
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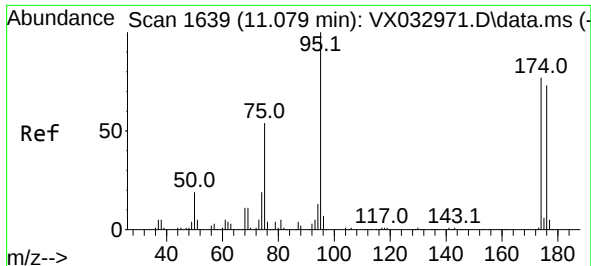
Tgt Ion:130 Resp: 461
Ion Ratio Lower Upper
130 100
95 74.1 0.0 195.2



#50
Toluene-d8
Concen: 51.640 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Tgt Ion: 98 Resp: 155347
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 43.635 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033196.D

Acq: 02 Dec 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

LEA-12S

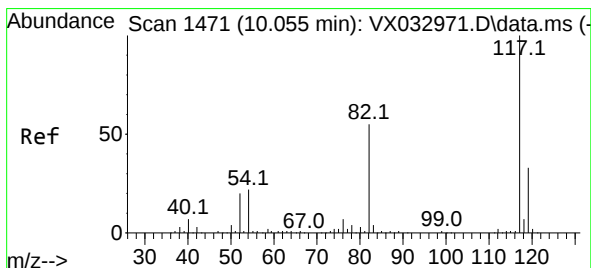
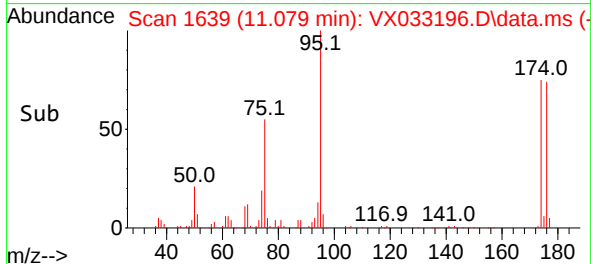
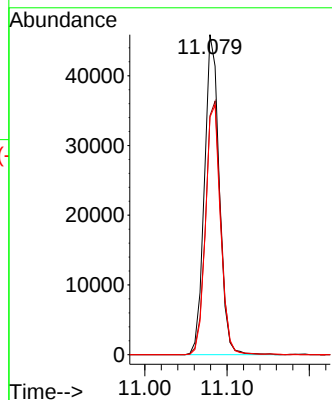
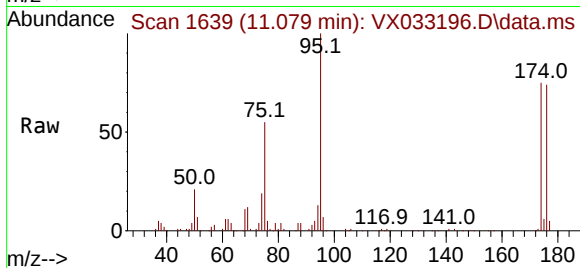
Tgt Ion: 95 Resp: 57388

Ion Ratio Lower Upper

95 100

174 81.4 0.0 164.0

176 79.0 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: VX033196.D

Acq: 02 Dec 2022 19:16

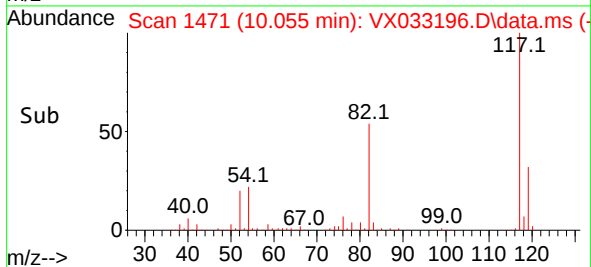
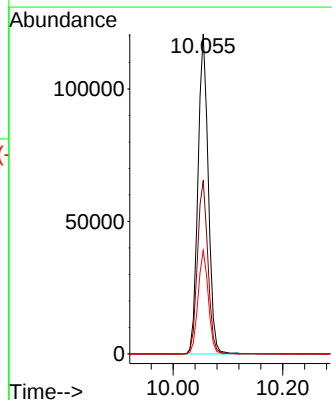
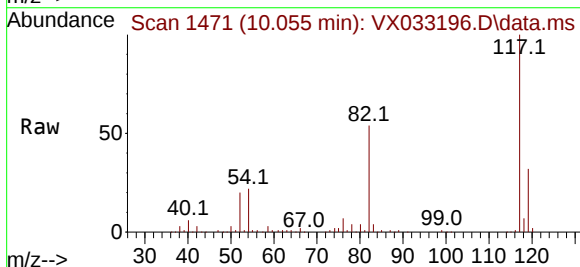
Tgt Ion: 117 Resp: 158966

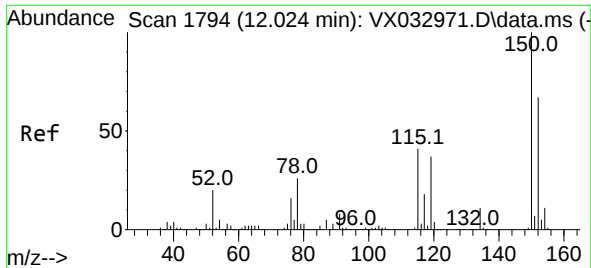
Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

119 32.3 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: VX033196.D

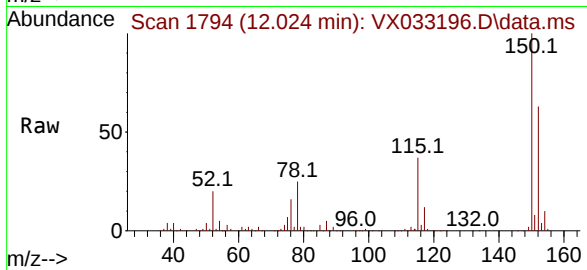
Acq: 02 Dec 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 73402

Ion Ratio Lower Upper

152 100

115 59.7 44.0 132.0

150 156.6 0.0 351.8

