

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)

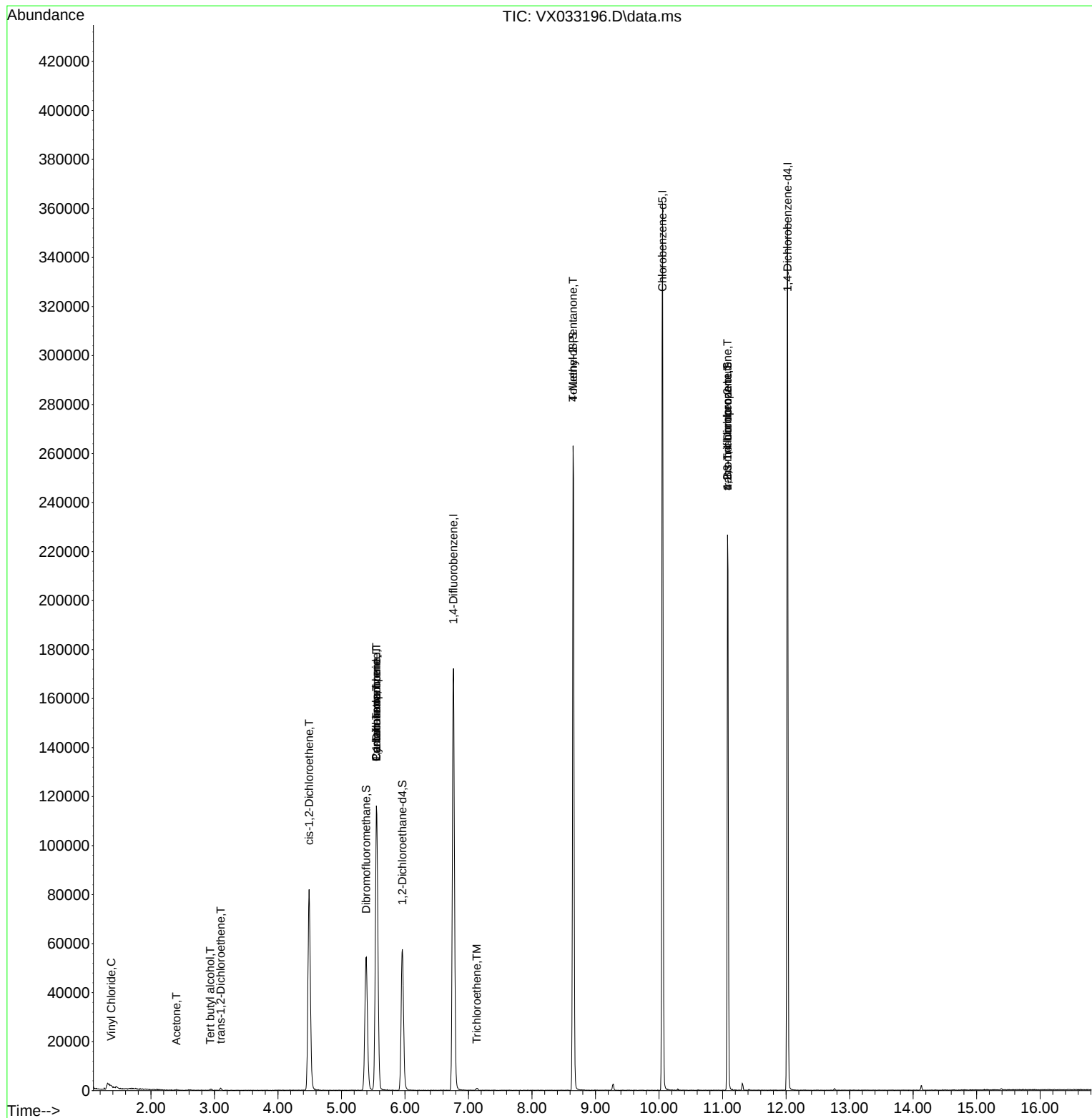
Internal Standards						
1) Pentafluorobenzene	5.550	168	108497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
4) Vinyl Chloride	1.374	62	203	0.204	ug/l #	1
11) Tert butyl alcohol	2.934	59	345	2.060	ug/l #	72
16) Acetone	2.398	43	382	0.774	ug/l #	45
20) Methylene Chloride	2.782	84	18	Below Cal	#	5
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
31) Cyclohexane	5.550	56	2354	1.375	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	8369	5.228	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11490	6.470	ug/l #	15
44) Trichloroethene	7.129	130	461	0.366	ug/l	76
51) 4-Methyl-2-Pentanone	8.647	43	761	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31611	22.740	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31611	73.915	ug/l #	6

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
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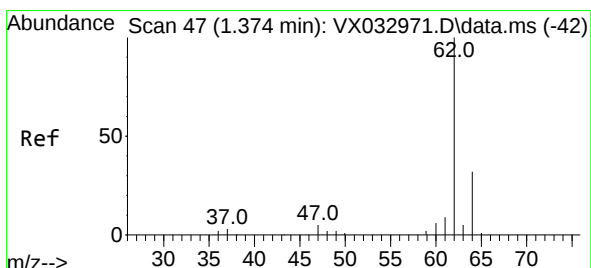
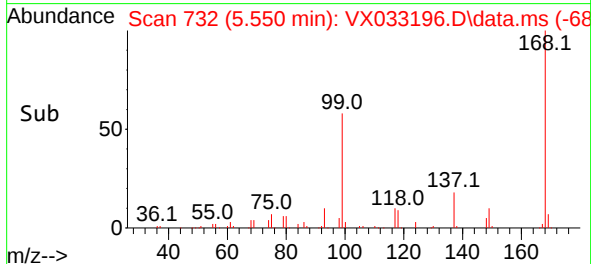
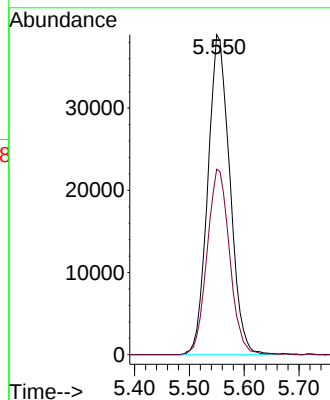
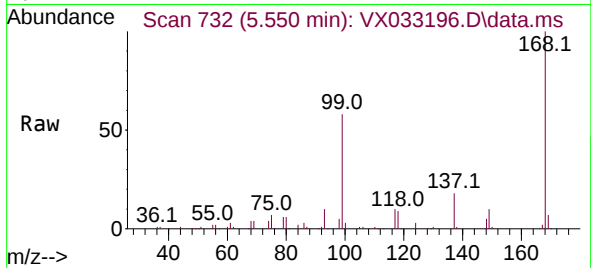




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

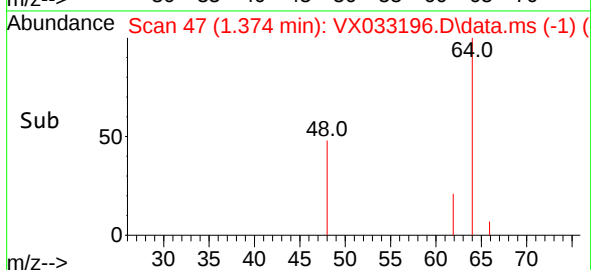
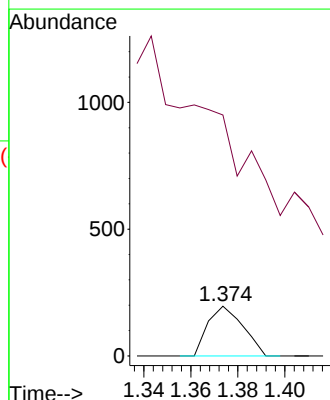
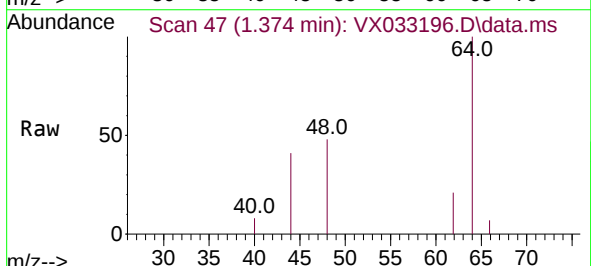
Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

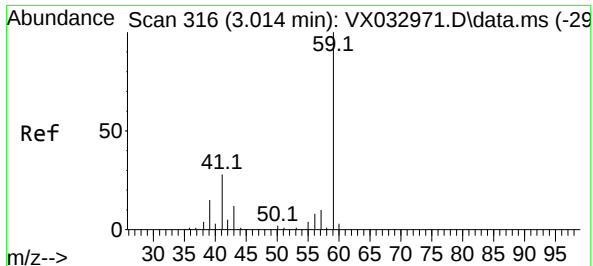
Tgt Ion:168 Resp: 108497
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#4
Vinyl Chloride
Concen: 0.204 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Tgt Ion: 62 Resp: 203
Ion Ratio Lower Upper
62 100
64 202.0 25.8 38.6





#11

Tert butyl alcohol

Concen: 2.060 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.031 min

Lab File: VX033196.D

Acq: 02 Dec 2022 19:16

Instrument :

MSVOA_X

ClientSampleId :

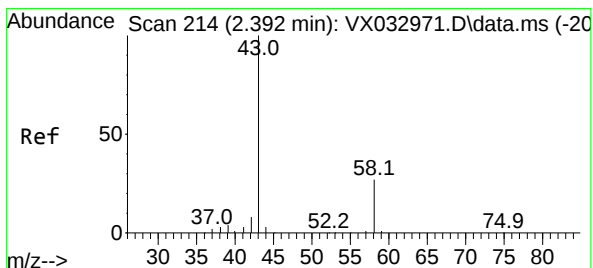
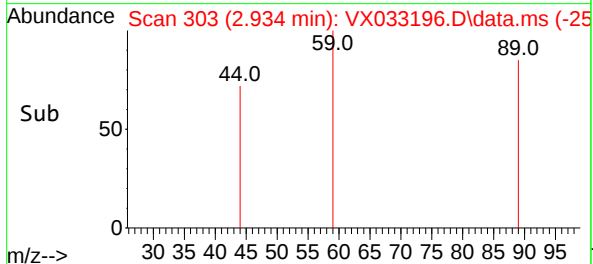
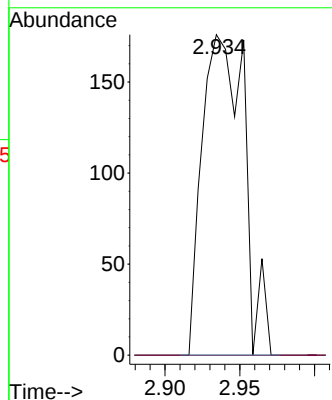
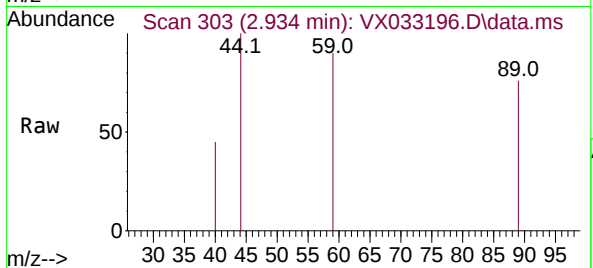
LEA-12S

Tgt Ion: 59 Resp: 345

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.774 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.018 min

Lab File: VX033196.D

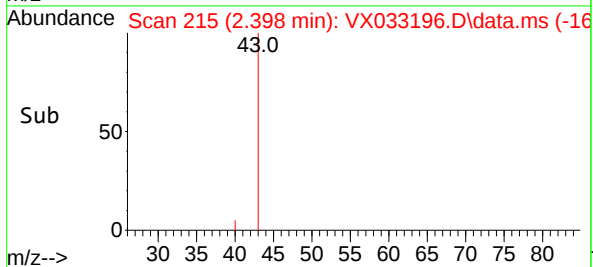
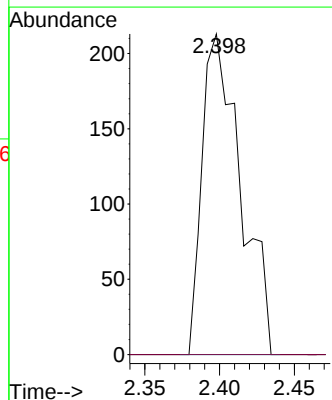
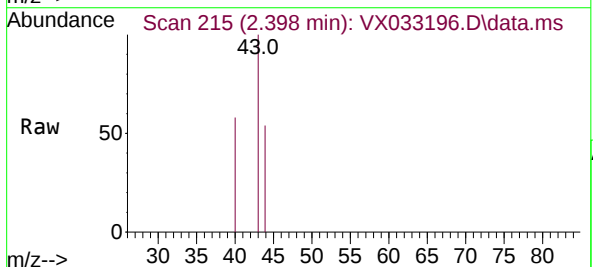
Acq: 02 Dec 2022 19:16

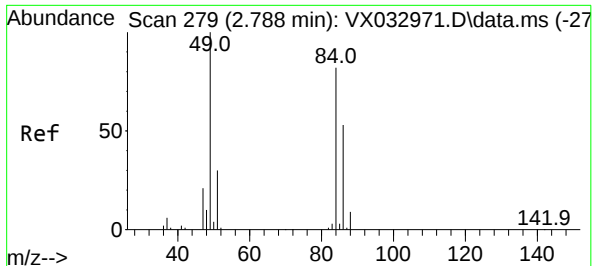
Tgt Ion: 43 Resp: 382

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



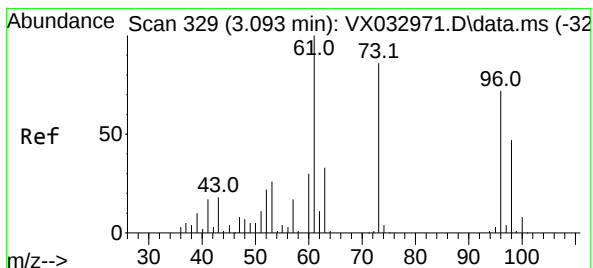
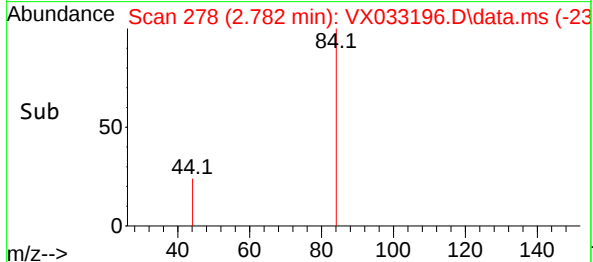
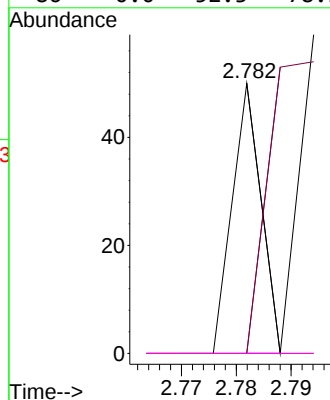
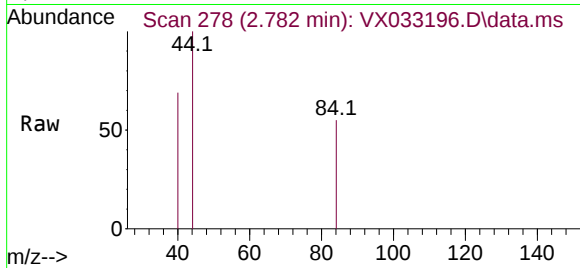


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

Tgt Ion: 84 Resp: 18

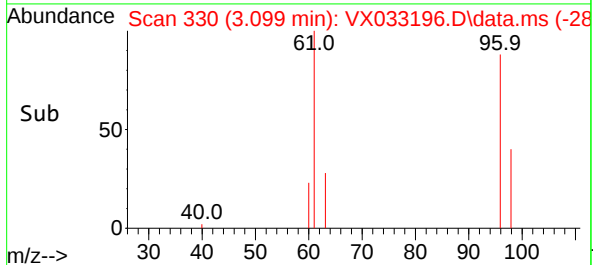
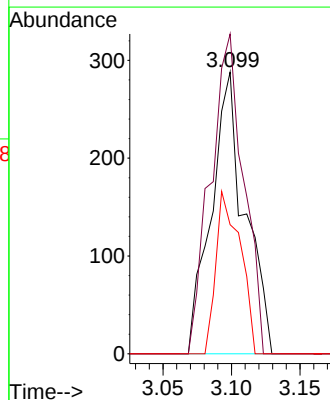
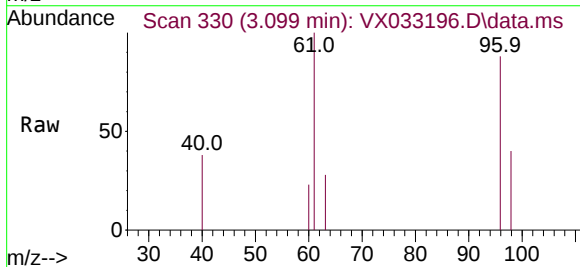
Ion	Ratio	Lower	Upper
84	100		
49	0.0	101.0	151.6#
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#

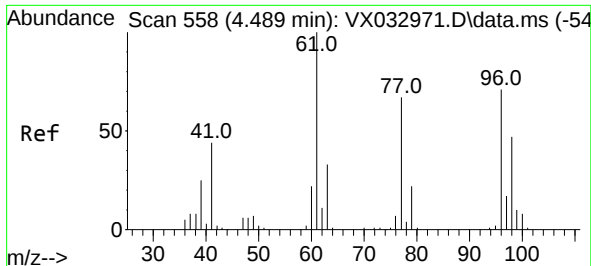


#21
trans-1,2-Dichloroethene
Concen: 0.453 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

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

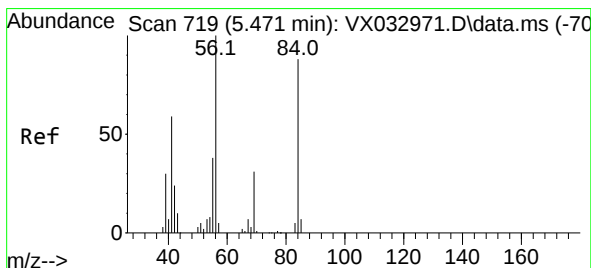
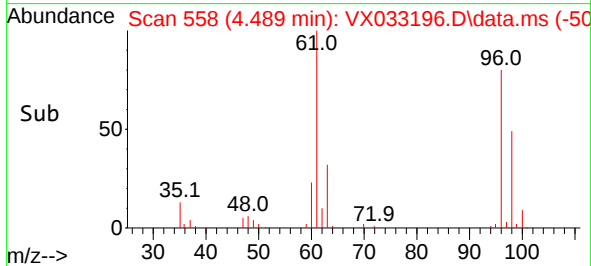
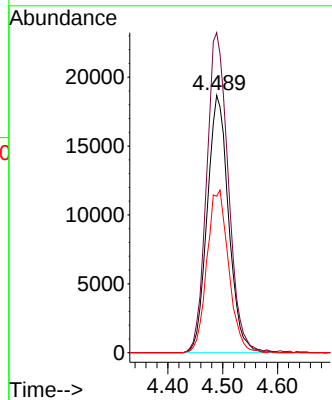
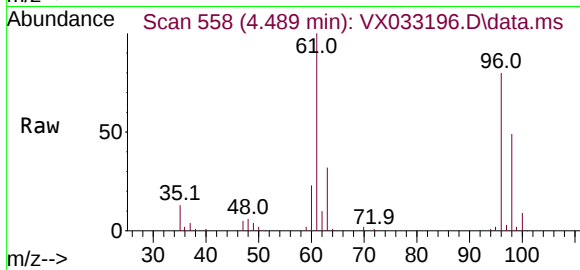
Tgt Ion: 96 Resp: 50564

Ion Ratio Lower Upper

96 100

61 126.1 0.0 286.0

98 64.2 0.0 129.6



#31

Cyclohexane

Concen: 1.375 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033196.D

Acq: 02 Dec 2022 19:16

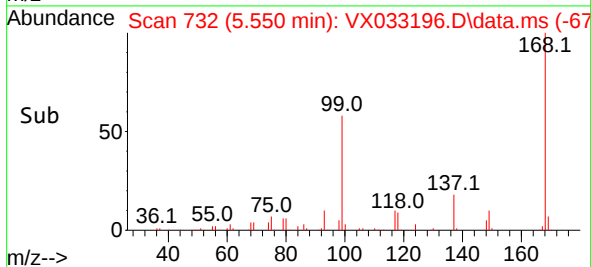
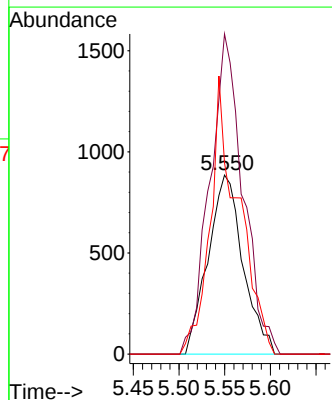
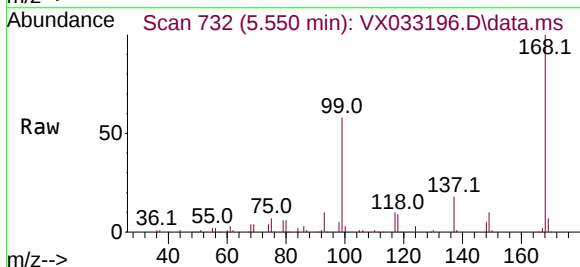
Tgt Ion: 56 Resp: 2354

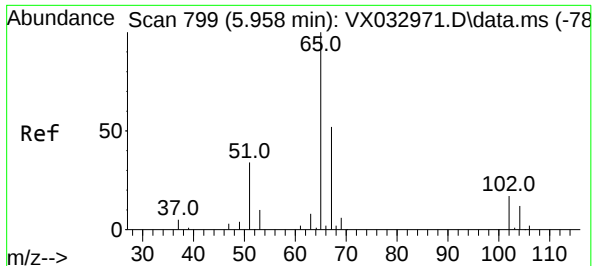
Ion Ratio Lower Upper

56 100

69 178.9 24.1 36.1#

84 106.8 66.9 100.3#





#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

Instrument :

MSVOA_X

ClientSampleId :

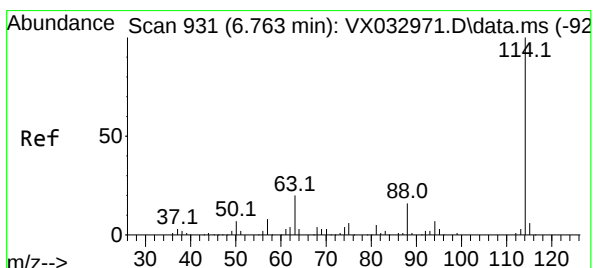
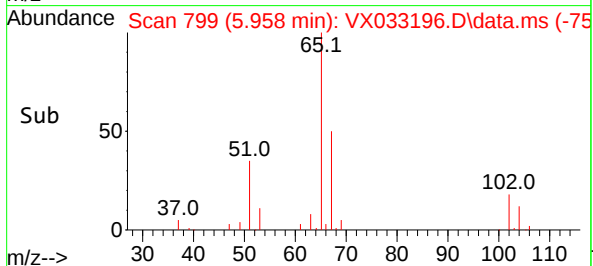
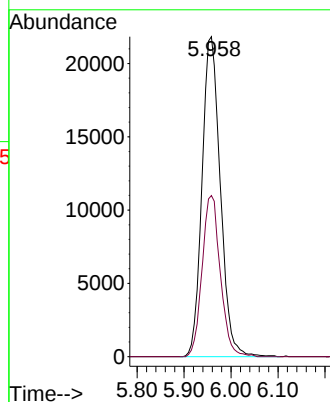
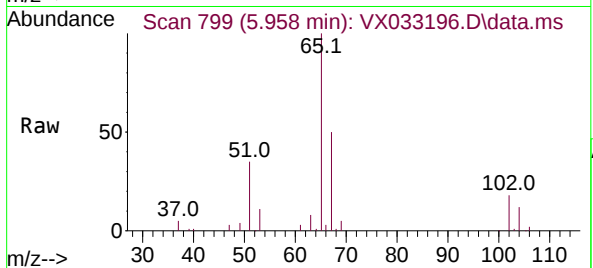
LEA-12S

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# 931

Delta R.T. -0.000 min

Lab File: VX033196.D

Acq: 02 Dec 2022 19:16

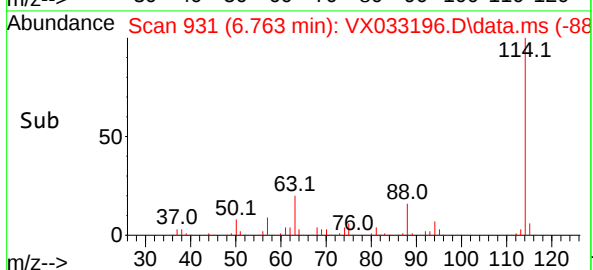
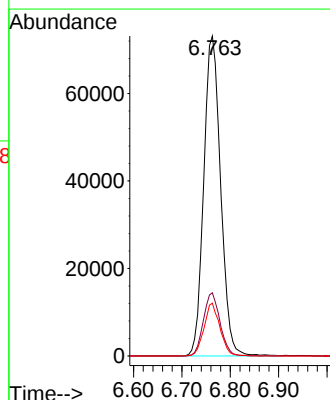
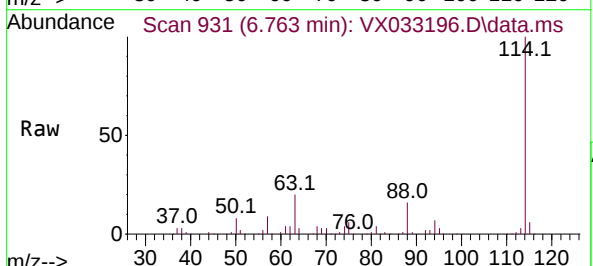
Tgt Ion: 114 Resp: 177591

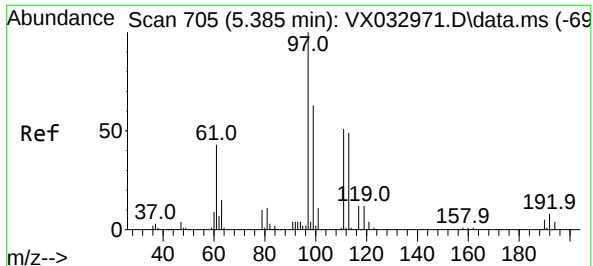
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 16.5 0.0 33.4

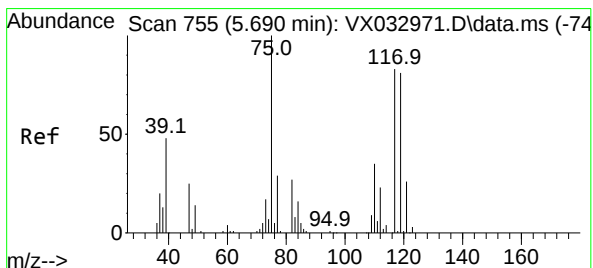
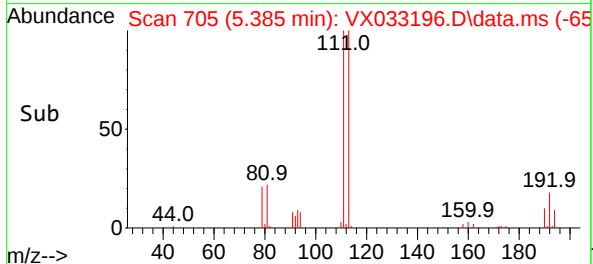
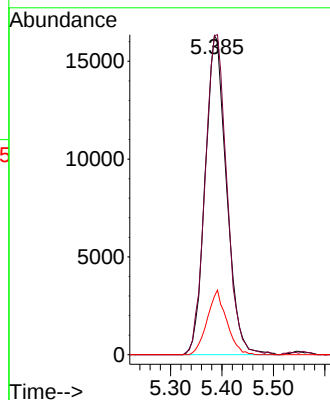
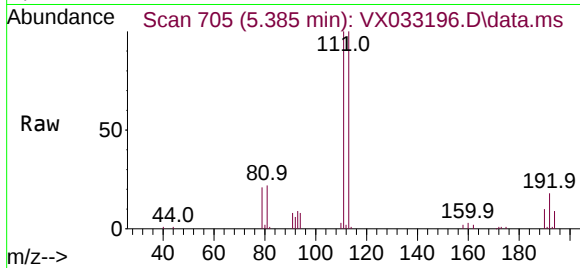




#35
Dibromofluoromethane
Concen: 46.998 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

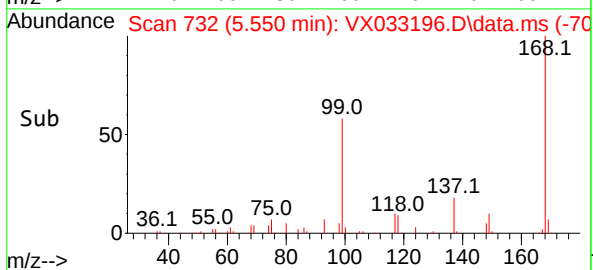
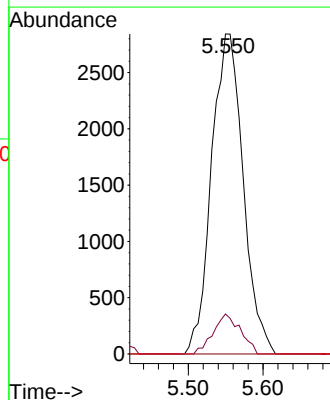
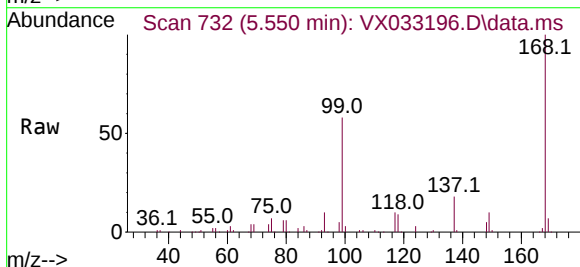
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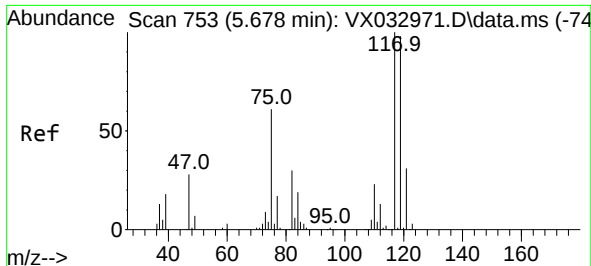
Tgt Ion:113 Resp: 47054
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

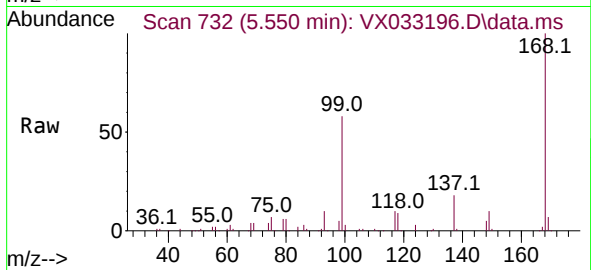
Tgt Ion: 75 Resp: 8369
Ion Ratio Lower Upper
75 100
110 10.8 18.4 55.2#
77 0.0 24.5 36.7#



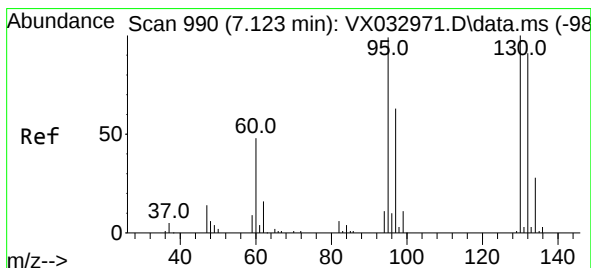
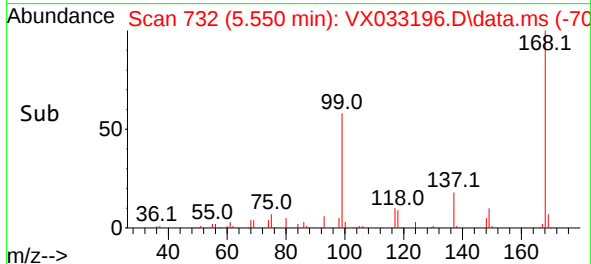
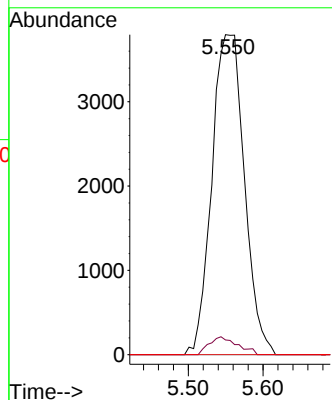


#38
Carbon Tetrachloride
Concen: 6.470 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX033196.D
Acq: 02 Dec 2022 19:16

Instrument :
MSVOA_X
ClientSampleId :
LEA-12S

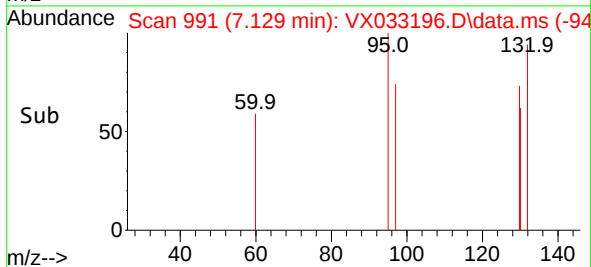
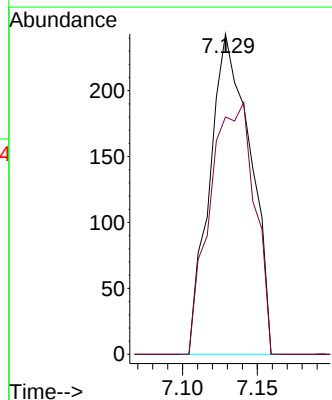
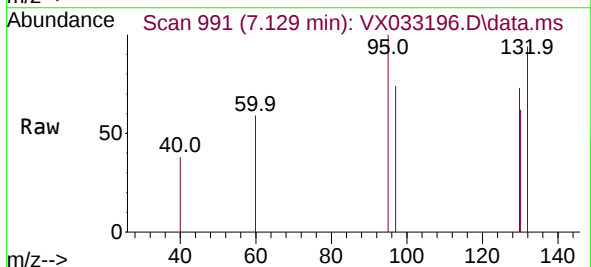


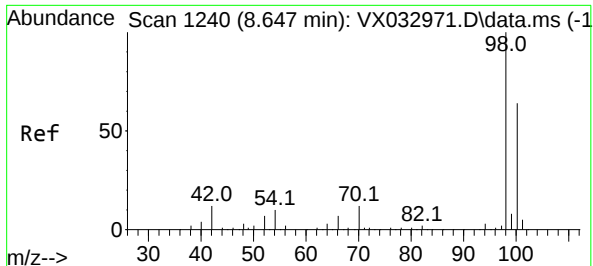
Tgt Ion:117 Resp: 11490
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#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

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

Instrument :

MSVOA_X

ClientSampleId :

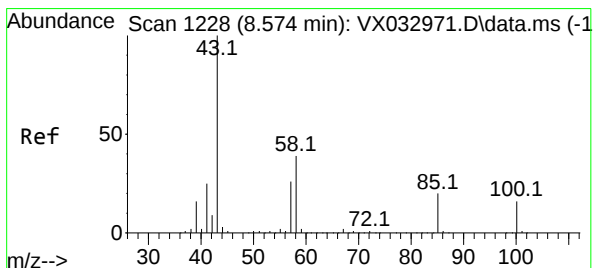
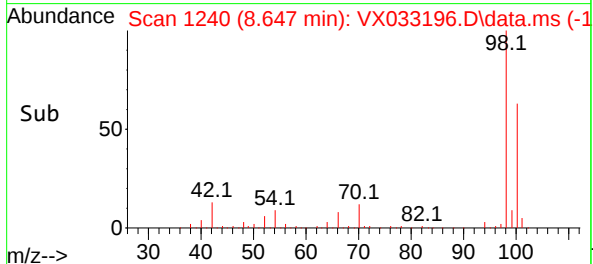
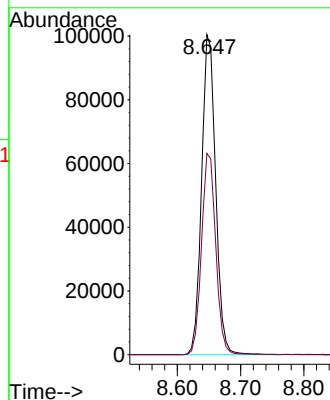
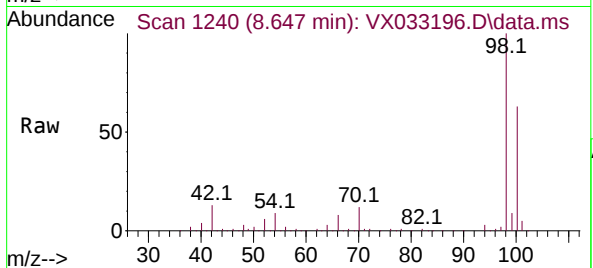
LEA-12S

Tgt Ion: 98 Resp: 155347

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.534 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033196.D

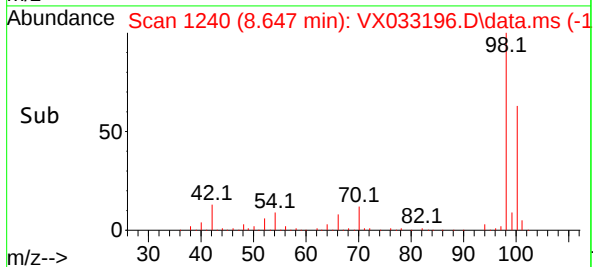
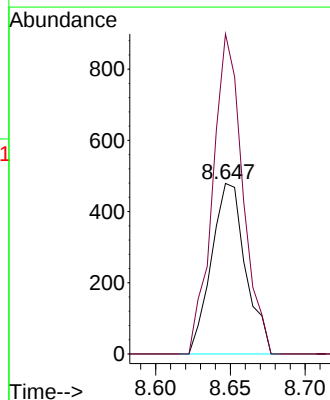
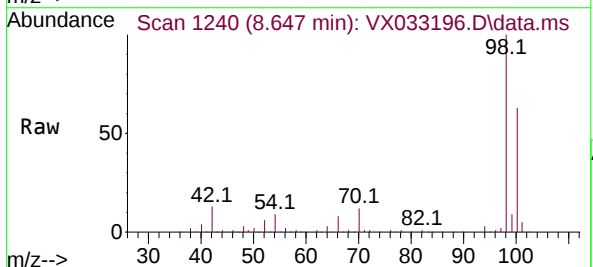
Acq: 02 Dec 2022 19:16

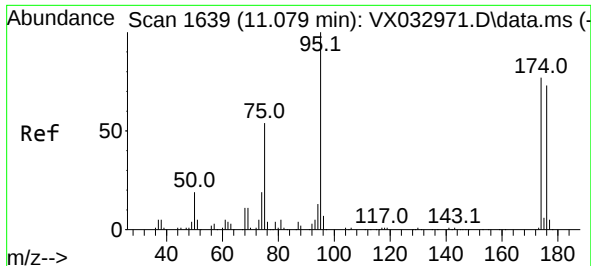
Tgt Ion: 43 Resp: 761

Ion Ratio Lower Upper

43 100

58 164.9 30.9 46.3#





#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

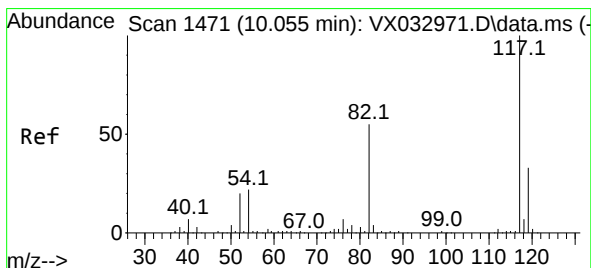
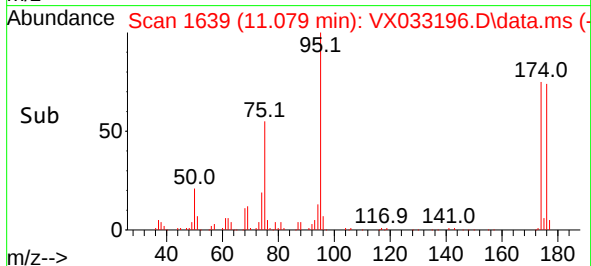
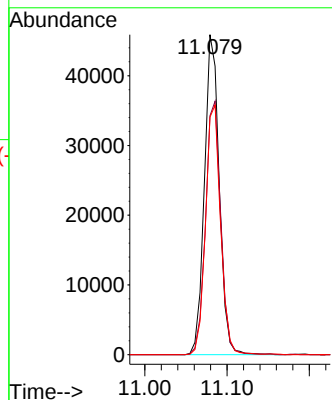
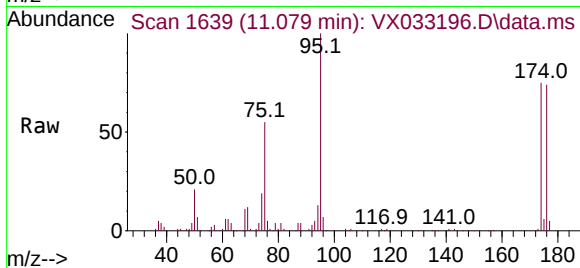
Tgt Ion: 95 Resp: 57388

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

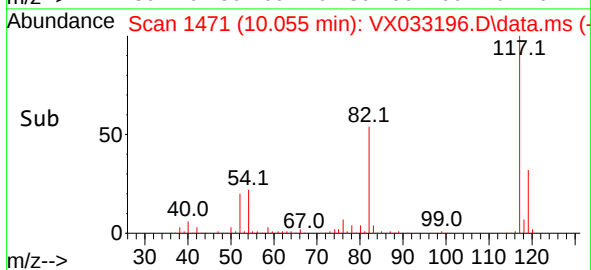
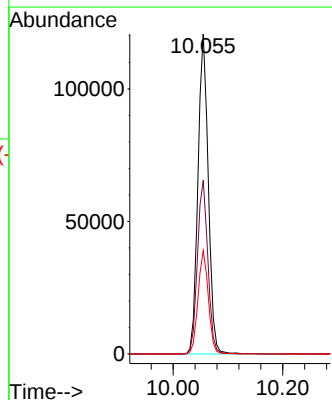
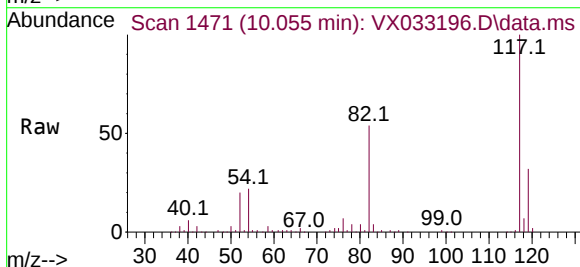
Tgt Ion: 117 Resp: 158966

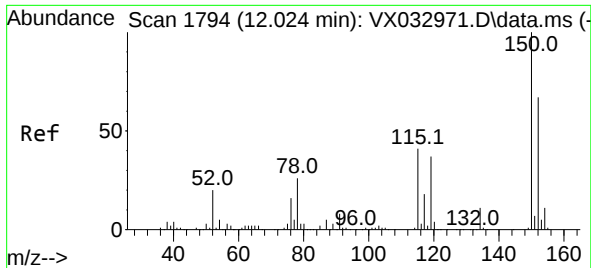
Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

119 32.3 25.7 38.5

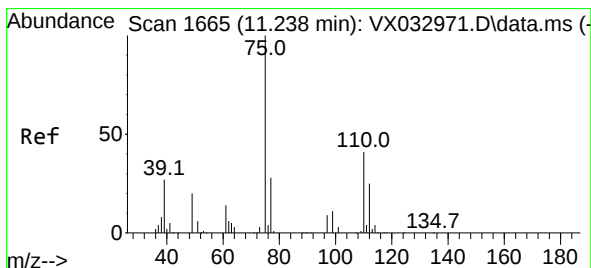
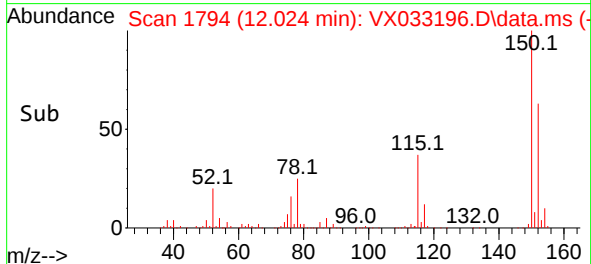
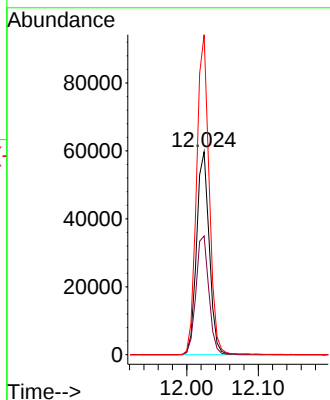
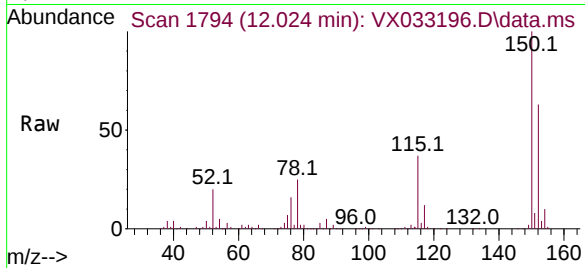




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033196.D
 Acq: 02 Dec 2022 19:16

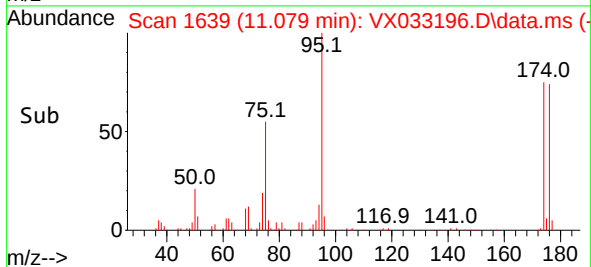
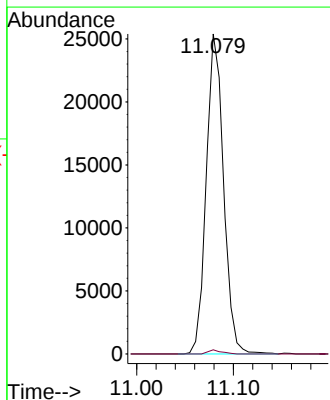
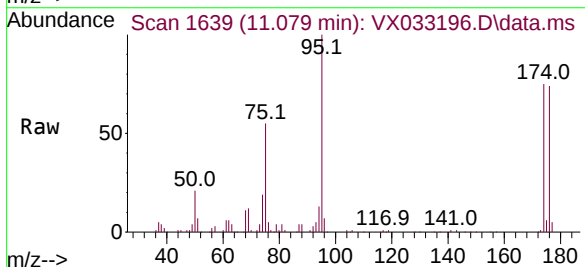
Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

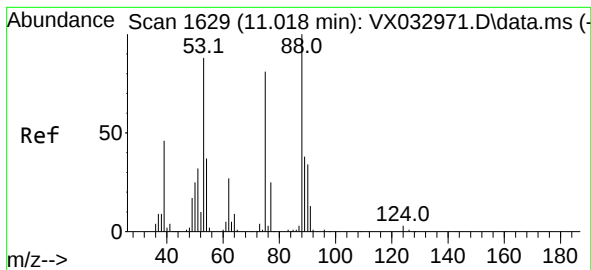
Tgt Ion:152 Resp: 73402
 Ion Ratio Lower Upper
 152 100
 115 59.7 44.0 132.0
 150 156.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 22.740 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX033196.D
 Acq: 02 Dec 2022 19:16

Tgt Ion: 75 Resp: 31611
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.915 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX033196.D
 Acq: 02 Dec 2022 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 LEA-12S

Tgt Ion: 75 Resp: 31611
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

