

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033159.D
 Acq On : 01 Dec 2022 13:36
 Operator : JC/MD
 Sample : N5828-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-11302022

Quant Time: Dec 02 00:50:59 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)

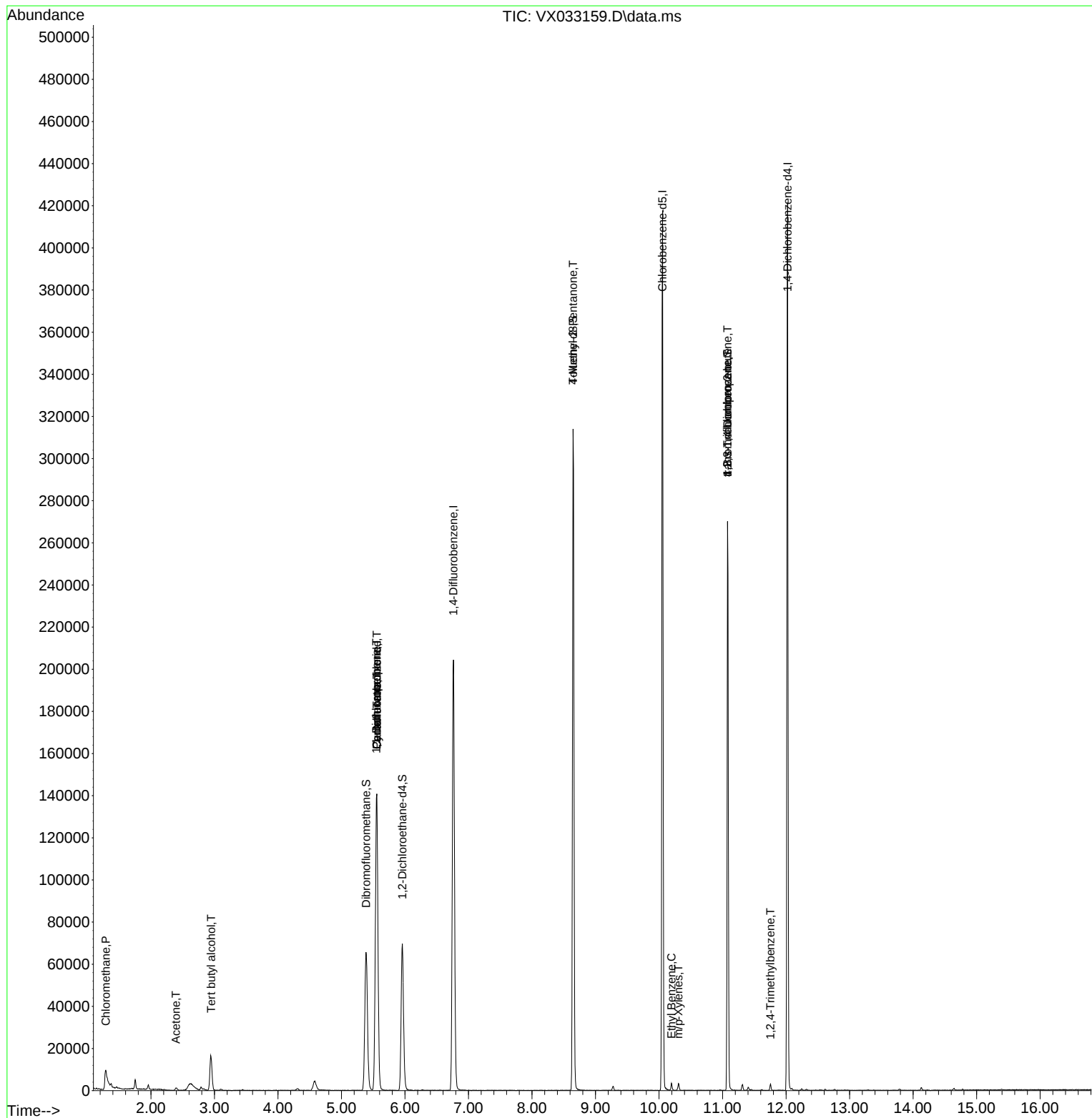
Internal Standards						
1) Pentafluorobenzene	5.556	168	133285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71027	54.839	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.680%	
35) Dibromofluoromethane	5.385	113	57679	48.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.640%	
50) Toluene-d8	8.647	98	188104	52.486	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.980%	
62) 4-Bromofluorobenzene	11.079	95	70292	44.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	434	0.395	ug/l #	43
11) Tert butyl alcohol	2.947	59	10108	49.126	ug/l #	73
16) Acetone	2.392	43	1775	2.928	ug/l #	82
20) Methylene Chloride	2.794	84	565	Below Cal	#	77
31) Cyclohexane	5.556	56	3031	1.441	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	10467	5.484	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14206	6.710	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	823	0.484	ug/l #	1
67) Ethyl Benzene	10.195	91	1952	0.296	ug/l	95
68) m/p-Xylenes	10.305	106	810	0.314	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	37732	22.925	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37732	74.517	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1670	0.321	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
Data File : VX033159.D
Acq On : 01 Dec 2022 13:36
Operator : JC/MD
Sample : N5828-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

Quant Time: Dec 02 00:50:59 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

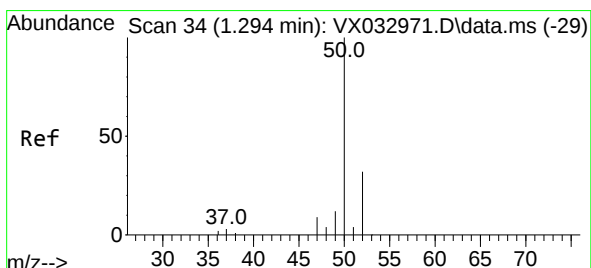
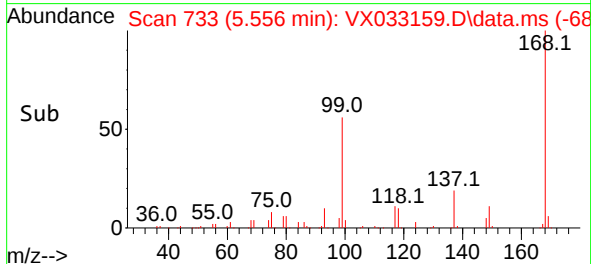
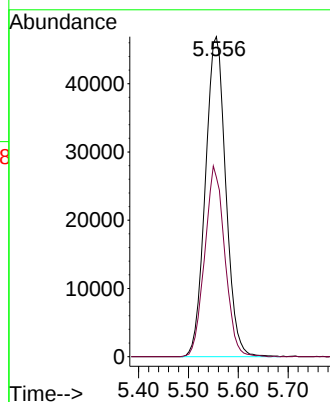
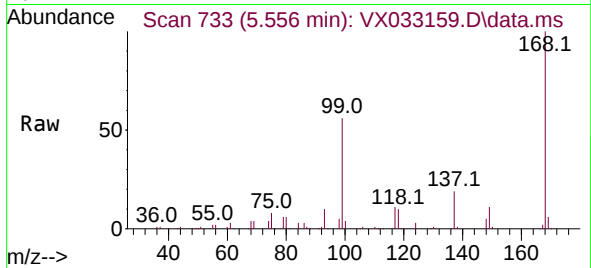




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

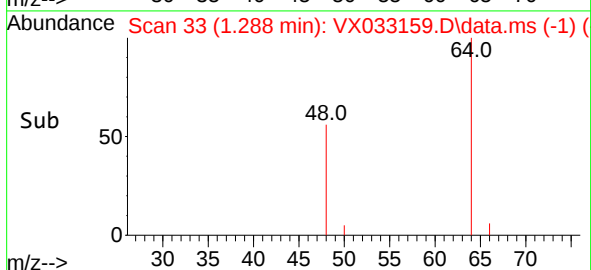
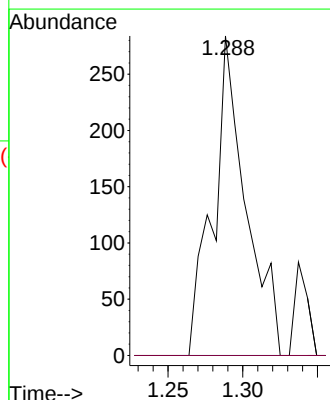
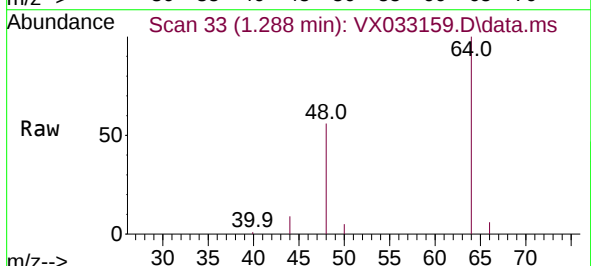
Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

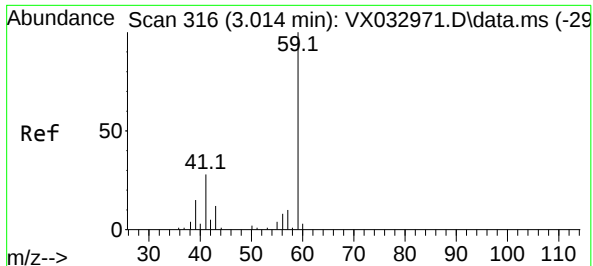
Tgt Ion:168 Resp: 133285
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#3
Chloromethane
Concen: 0.395 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 49.126 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX033159.D

Acq: 01 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

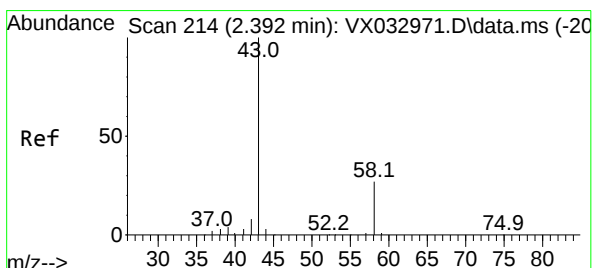
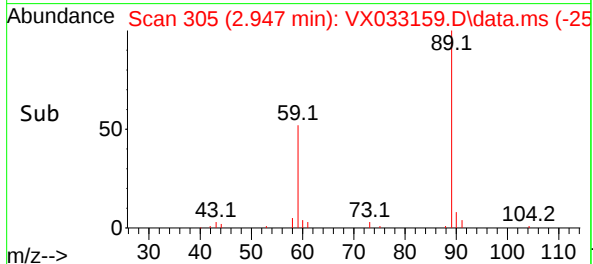
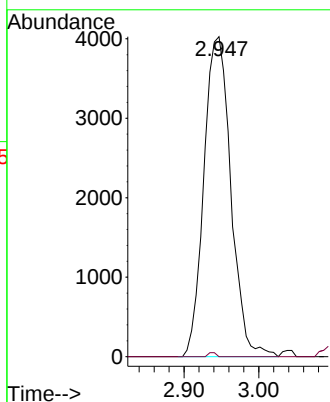
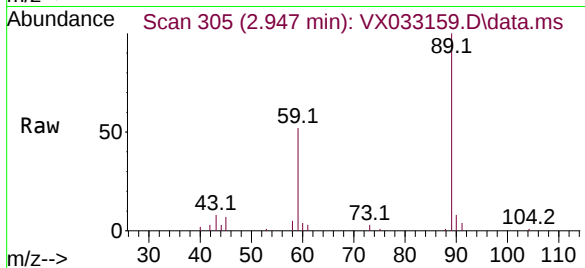
TB-02-11302022

Tgt Ion: 59 Resp: 10108

Ion Ratio Lower Upper

59 100

57 0.4 8.2 12.4#



#16

Acetone

Concen: 2.928 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX033159.D

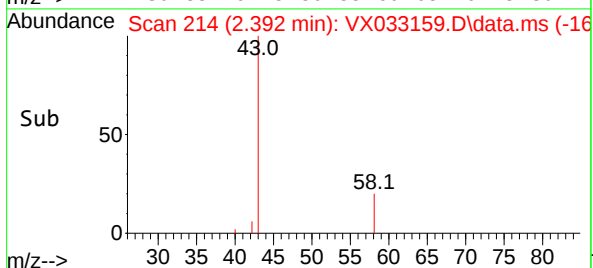
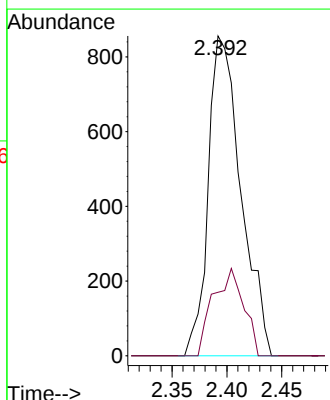
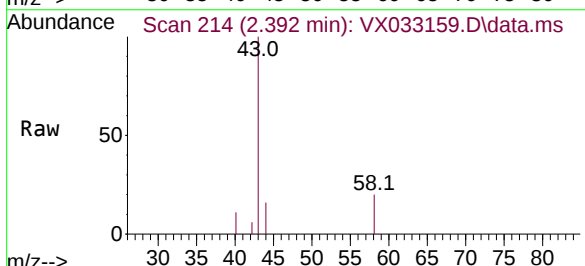
Acq: 01 Dec 2022 13:36

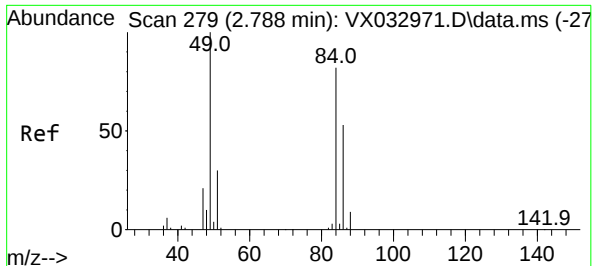
Tgt Ion: 43 Resp: 1775

Ion Ratio Lower Upper

43 100

58 19.9 23.8 35.8#

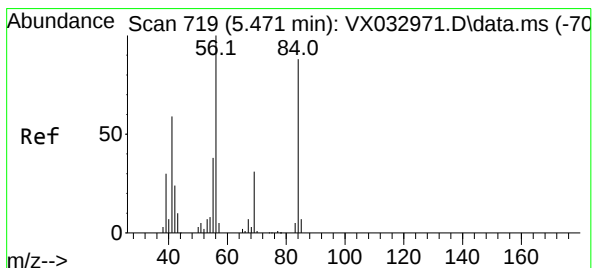
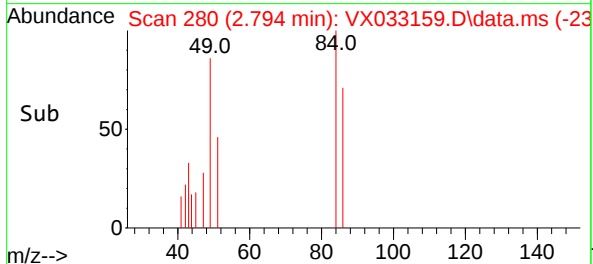
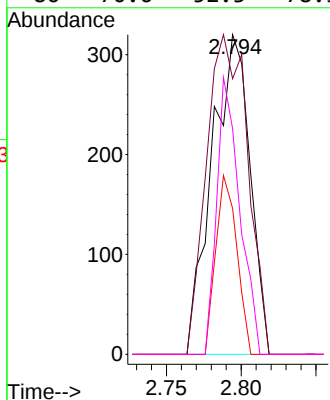
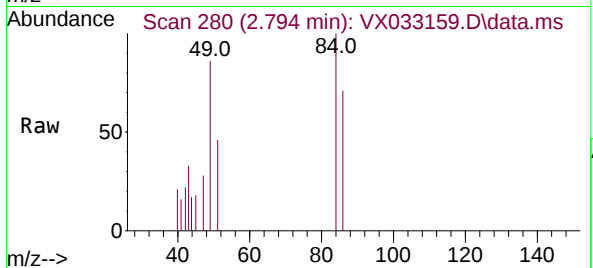




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

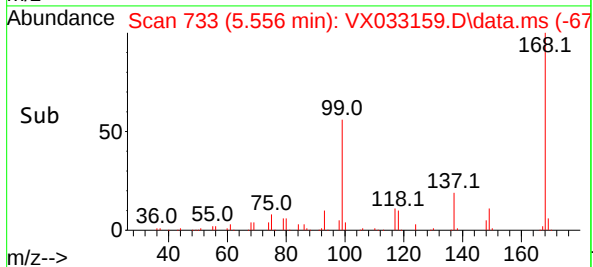
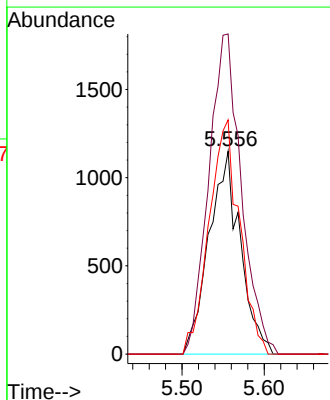
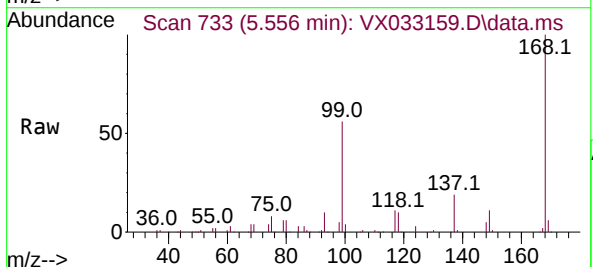
Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

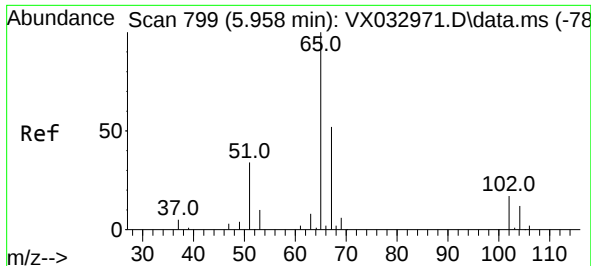
Tgt Ion:	84	Resp:	565
Ion	Ratio	Lower	Upper
84	100		
49	86.3	101.0	151.6#
51	45.6	31.1	46.7
86	70.6	52.3	78.5



#31
Cyclohexane
Concen: 1.441 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Tgt Ion:	56	Resp:	3031
Ion	Ratio	Lower	Upper
56	100		
69	157.8	24.1	36.1#
84	115.5	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.839 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033159.D

Acq: 01 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

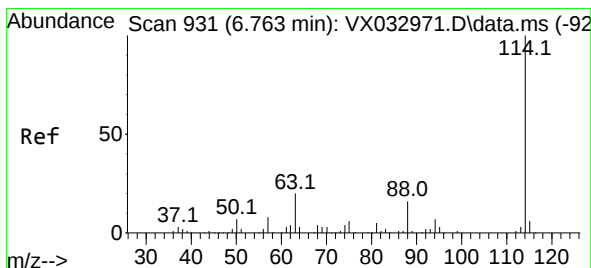
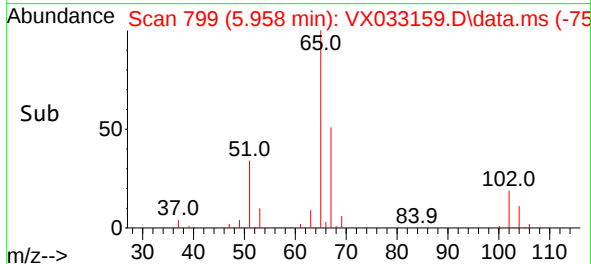
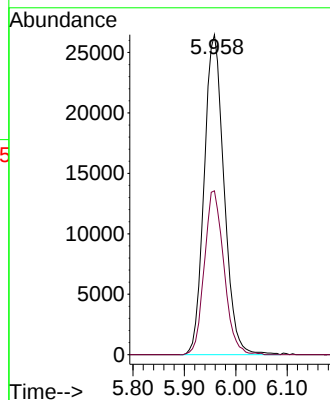
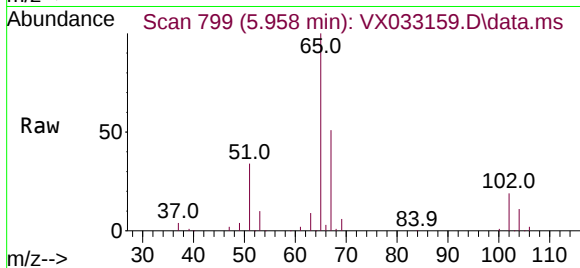
TB-02-11302022

Tgt Ion: 65 Resp: 71027

Ion Ratio Lower Upper

65 100

67 50.6 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: VX033159.D

Acq: 01 Dec 2022 13:36

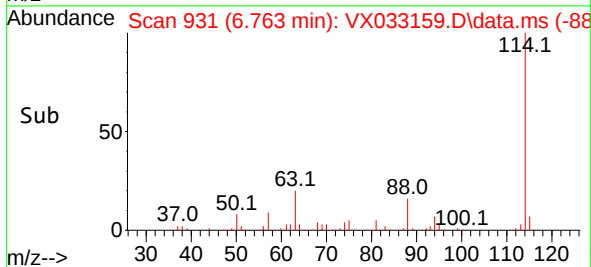
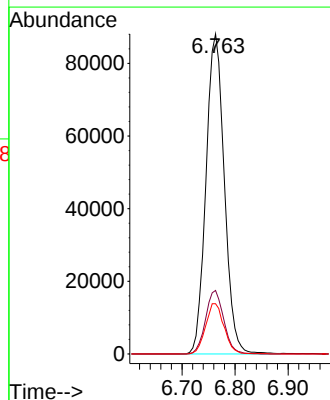
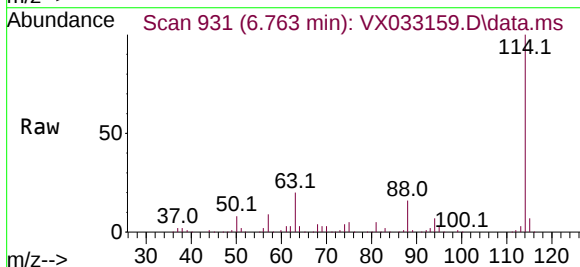
Tgt Ion: 114 Resp: 211714

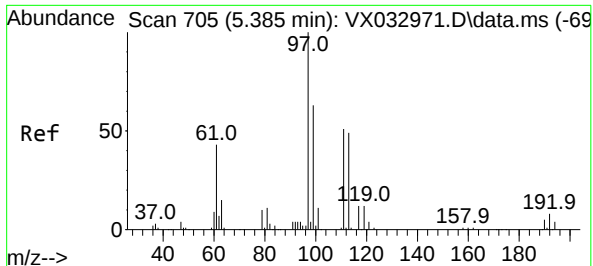
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.325 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033159.D

Acq: 01 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

TB-02-11302022

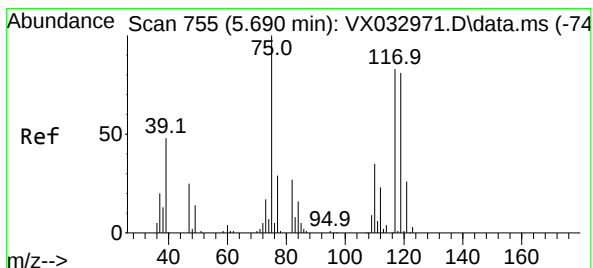
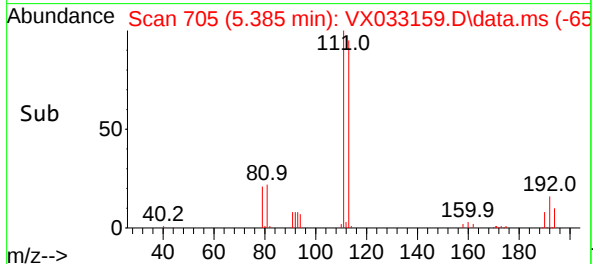
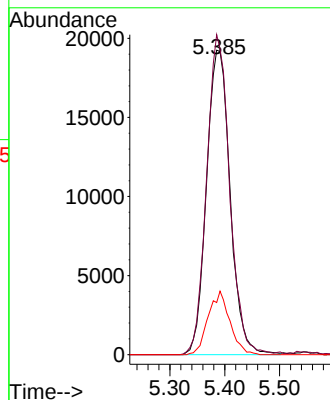
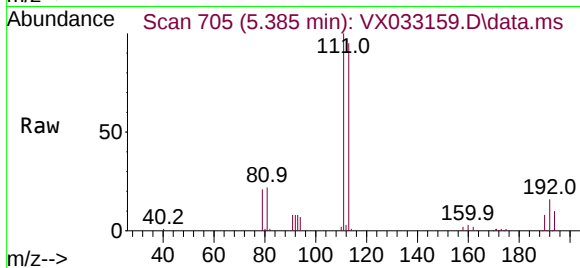
Tgt Ion:113 Resp: 57679

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 19.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.484 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033159.D

Acq: 01 Dec 2022 13:36

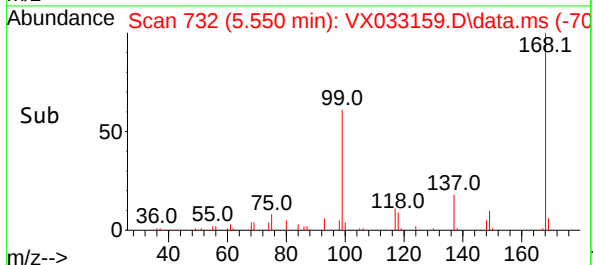
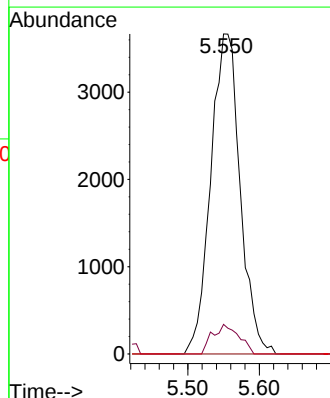
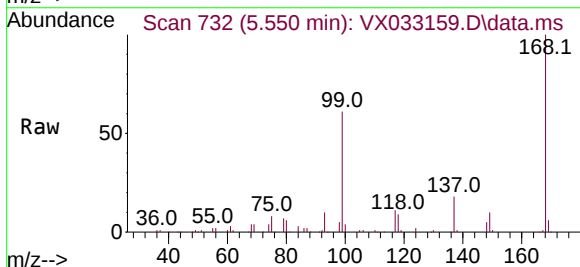
Tgt Ion: 75 Resp: 10467

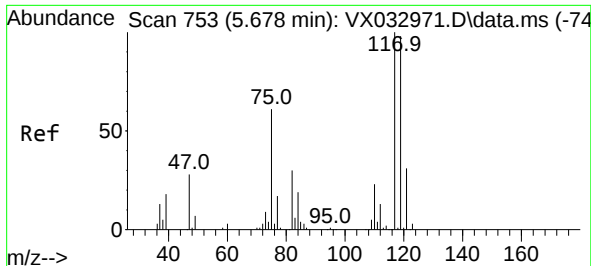
Ion Ratio Lower Upper

75 100

110 8.3 18.4 55.2#

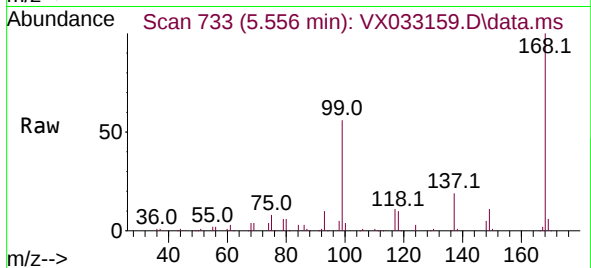
77 0.0 24.5 36.7#



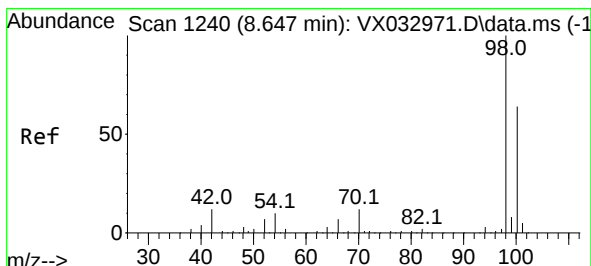
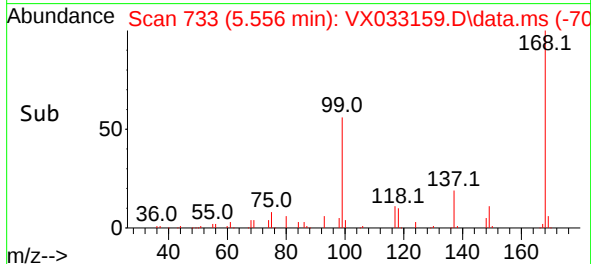
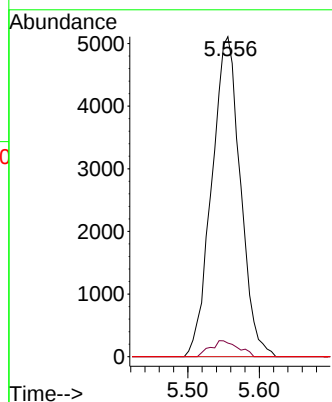


#38
Carbon Tetrachloride
Concen: 6.710 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

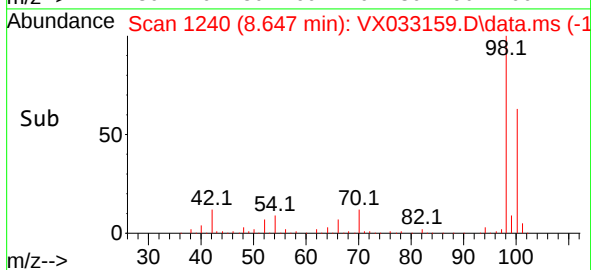
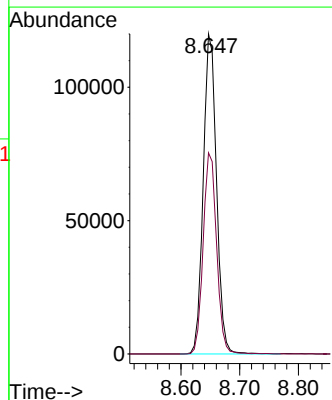
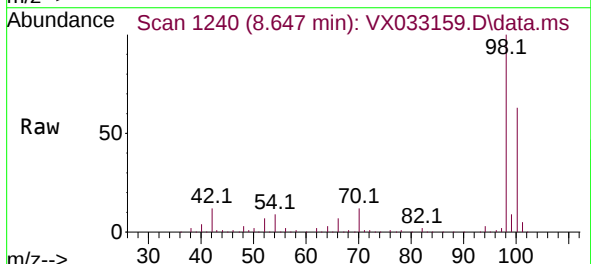


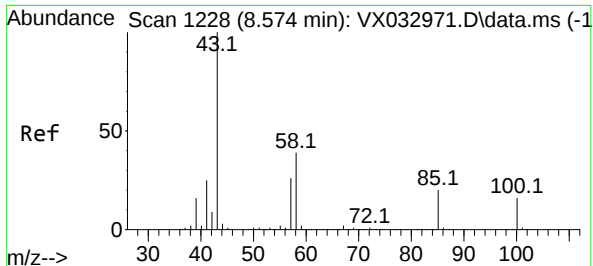
Tgt Ion:117 Resp: 14206
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Tgt Ion: 98 Resp: 188104
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.484 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033159.D

Acq: 01 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

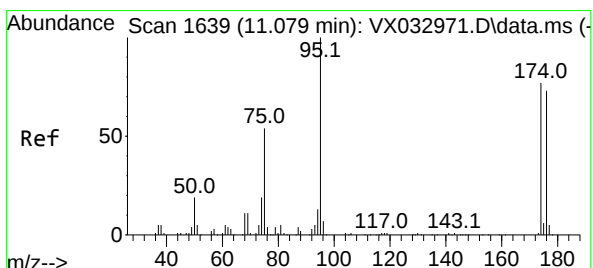
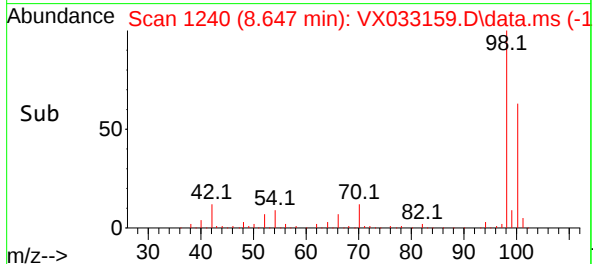
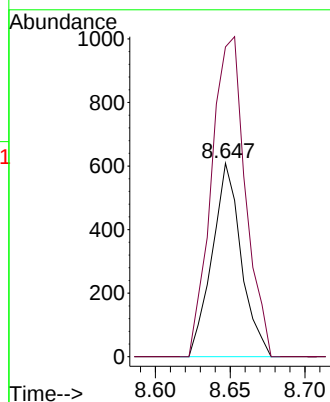
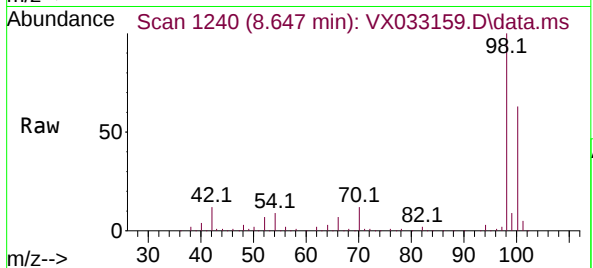
TB-02-11302022

Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

58 193.4 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 44.833 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033159.D

Acq: 01 Dec 2022 13:36

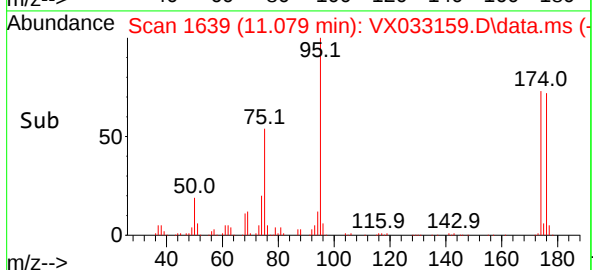
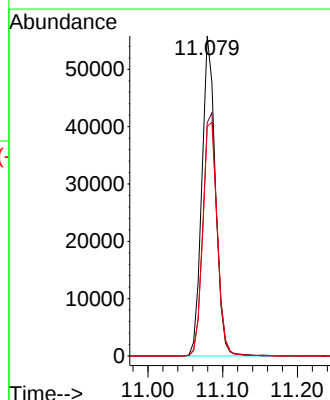
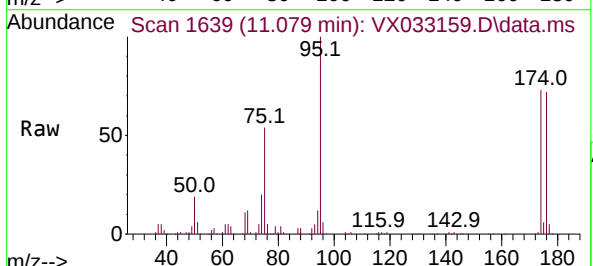
Tgt Ion: 95 Resp: 70292

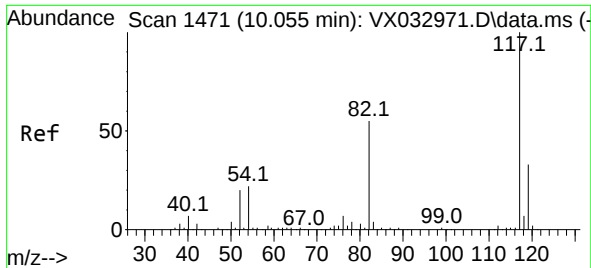
Ion Ratio Lower Upper

95 100

174 79.7 0.0 164.0

176 78.0 0.0 154.4

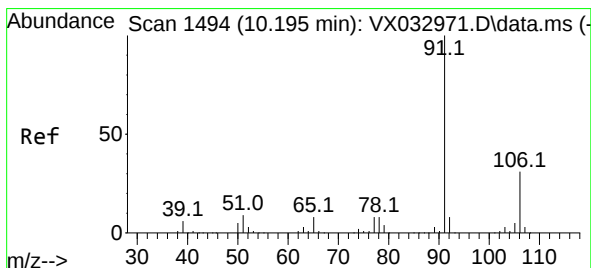
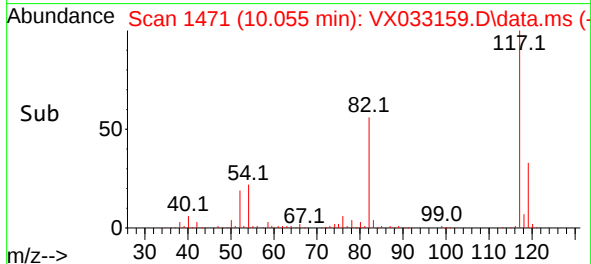
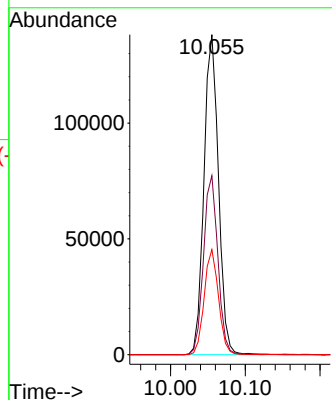
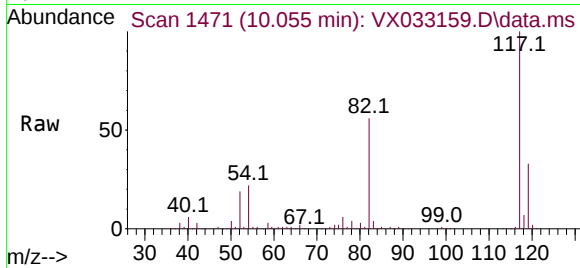




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

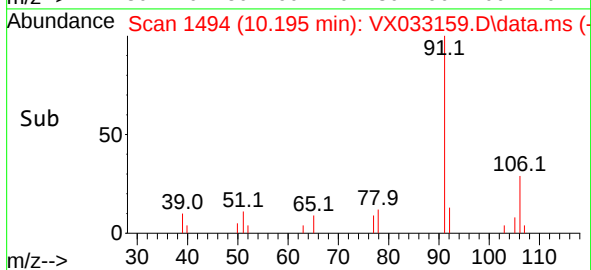
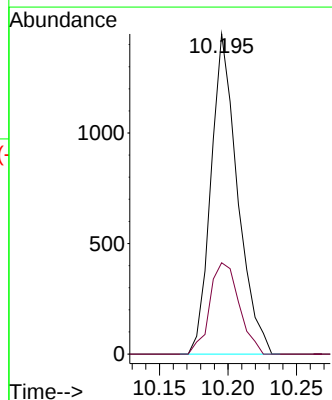
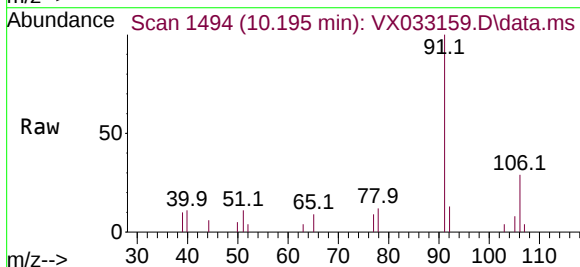
Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

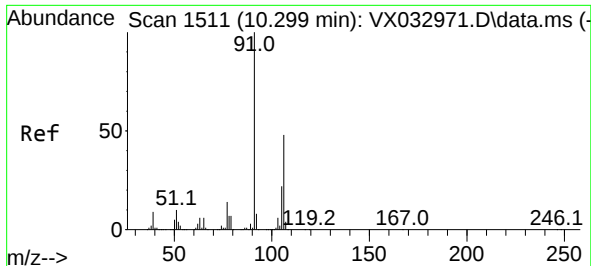
Tgt Ion:117 Resp: 186413
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.8 25.7 38.5



#67
Ethyl Benzene
Concen: 0.296 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Tgt Ion: 91 Resp: 1952
Ion Ratio Lower Upper
91 100
106 28.5 25.0 37.6

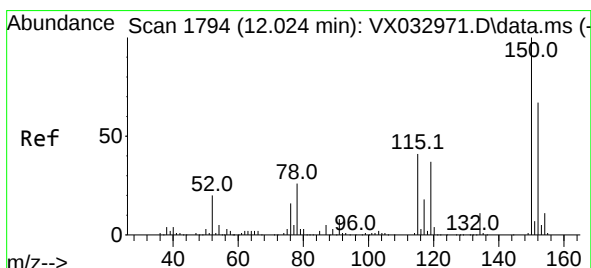
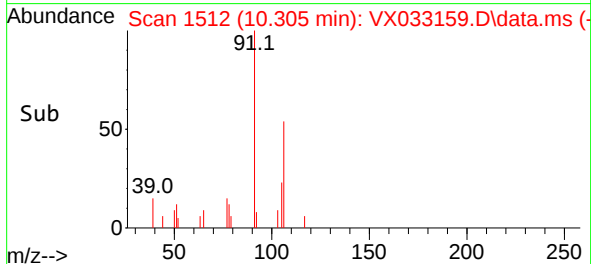
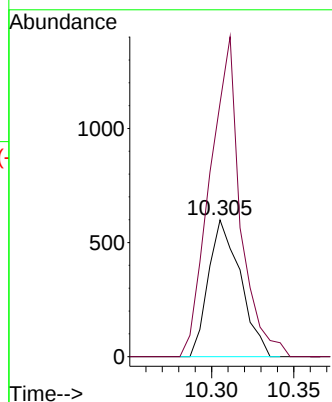
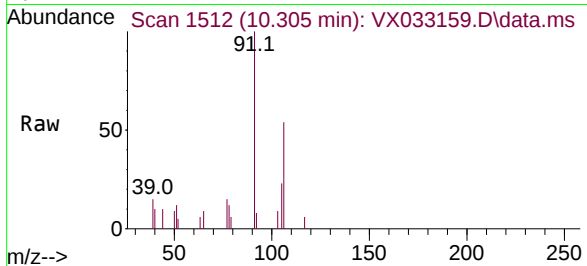




#68
m/p-Xylenes
Concen: 0.314 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

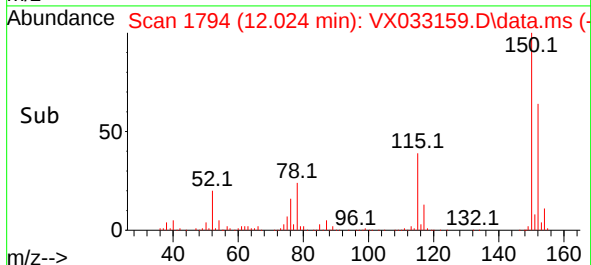
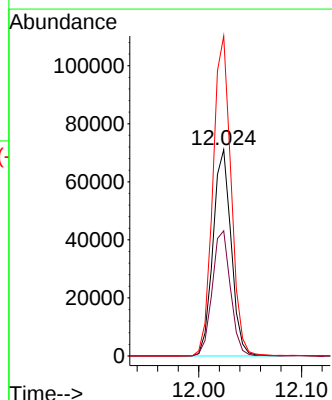
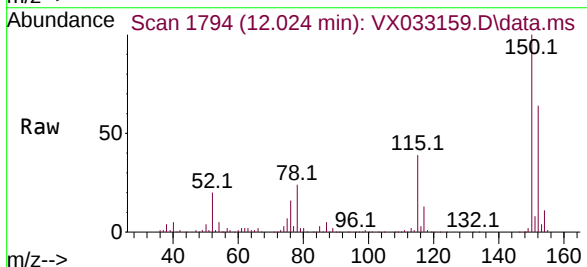
Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

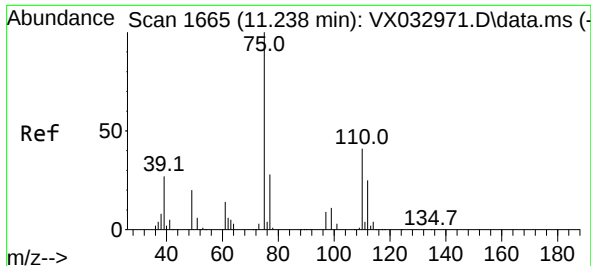
Tgt Ion:106 Resp: 810
Ion Ratio Lower Upper
106 100
91 223.8 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Tgt Ion:152 Resp: 86907
Ion Ratio Lower Upper
152 100
115 61.2 44.0 132.0
150 155.4 0.0 351.8

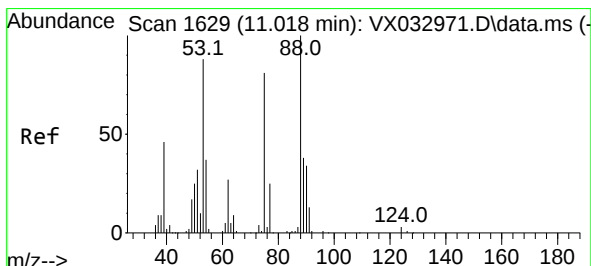
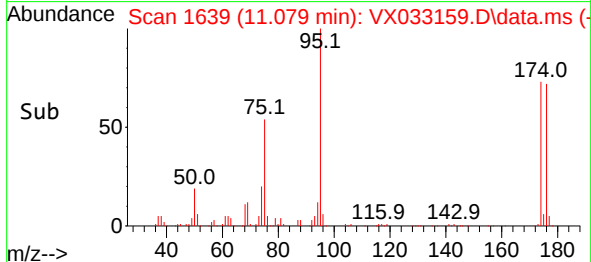
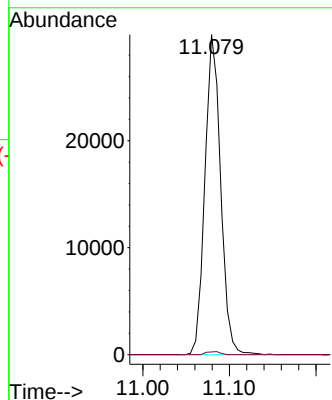
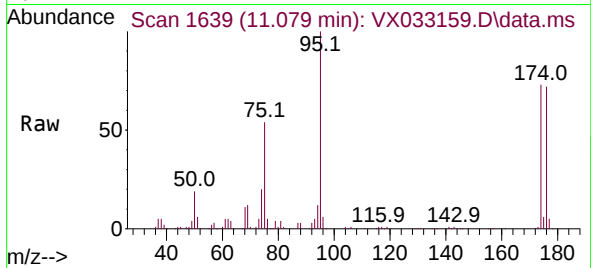




#76
1,2,3-Trichloropropane
Concen: 22.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

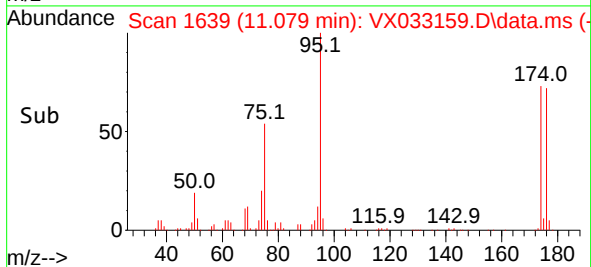
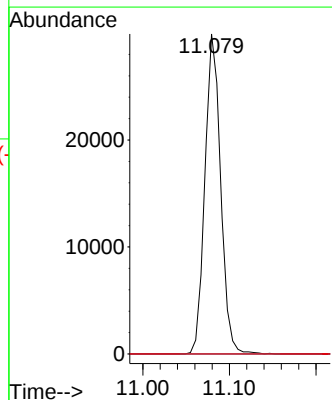
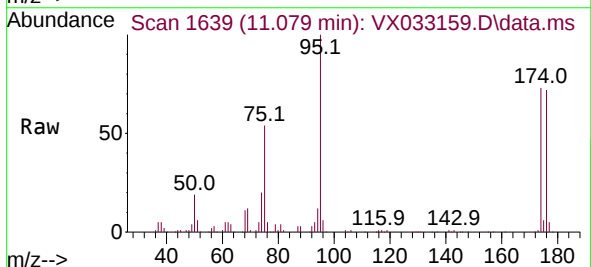
Instrument :
MSVOA_X
ClientSampleId :
TB-02-11302022

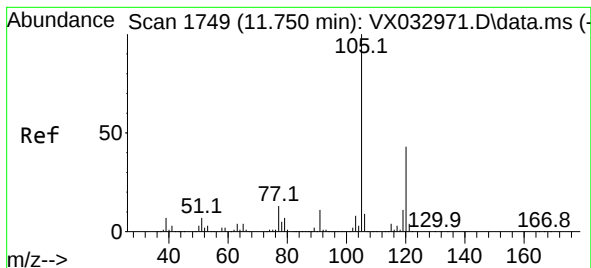
Tgt Ion: 75 Resp: 37732
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033159.D
Acq: 01 Dec 2022 13:36

Tgt Ion: 75 Resp: 37732
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.321 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033159.D

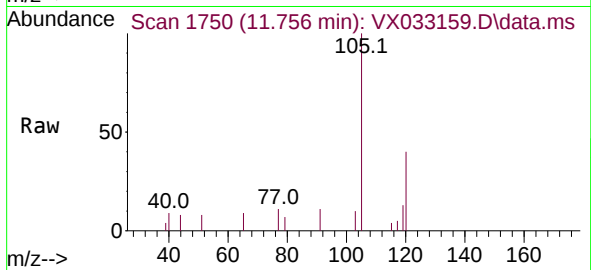
Acq: 01 Dec 2022 13:36

Instrument :

MSVOA_X

ClientSampleId :

TB-02-11302022



Tgt Ion:105 Resp: 1670

Ion Ratio Lower Upper

105 100

120 44.0 21.9 65.5

