

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033393.D
 Acq On : 13 Dec 2022 15:30
 Operator : JC/MD
 Sample : N6026-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-12-12

Quant Time: Dec 14 05:38:43 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)

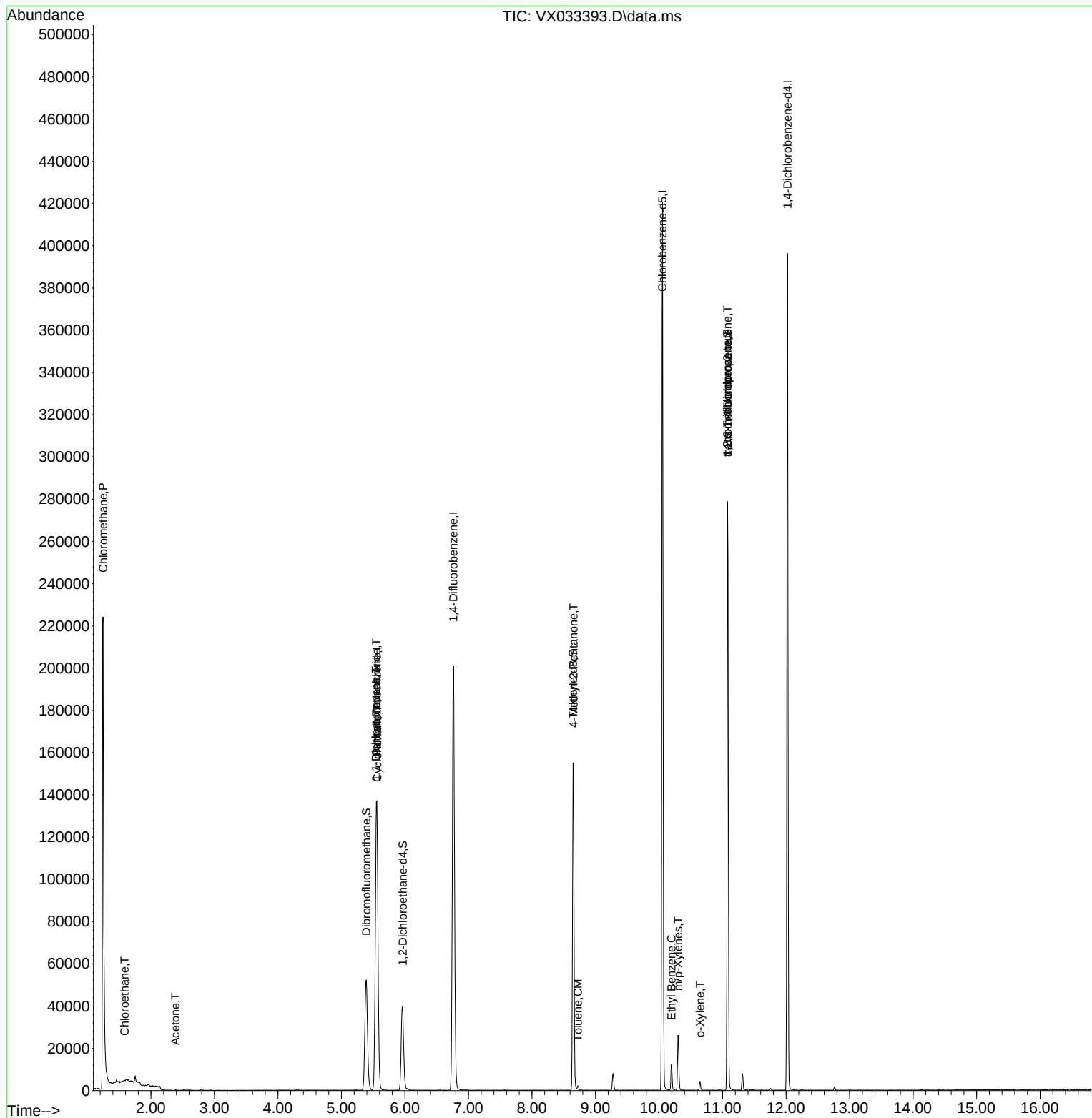
Internal Standards						
1) Pentafluorobenzene	5.556	168	134548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	41637	48.237	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.391	113	46992	48.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	8.647	98	96685	48.135	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	72566	47.249	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.500%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	5438	5.004	ug/l #	43
6) Chloroethane	1.587	64	731	0.777	ug/l #	54
16) Acetone	2.386	43	231	0.362	ug/l	96
31) Cyclohexane	5.562	56	2605	1.270	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	10069	5.379	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13728	6.545	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	412	0.229	ug/l #	1
52) Toluene	8.720	92	744	0.211	ug/l	95
67) Ethyl Benzene	10.195	91	7506	1.123	ug/l	95
68) m/p-Xylenes	10.299	106	6519	2.508	ug/l	95
69) o-Xylene	10.646	106	1122	0.437	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	37712	22.117	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37712	68.800	ug/l #	6

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

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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

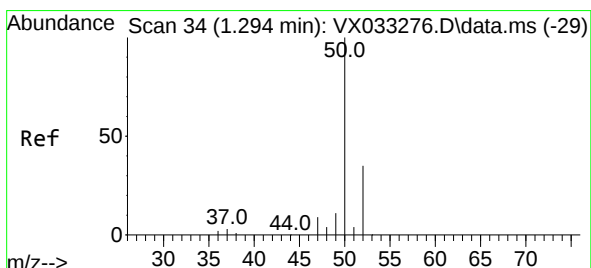
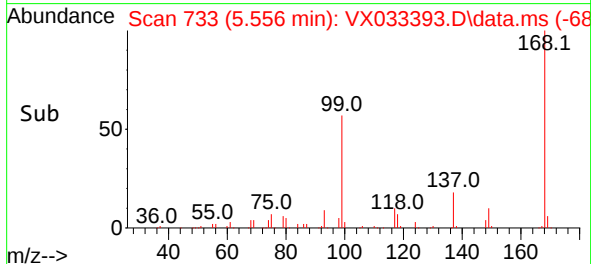
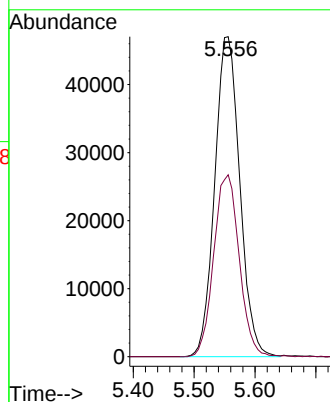
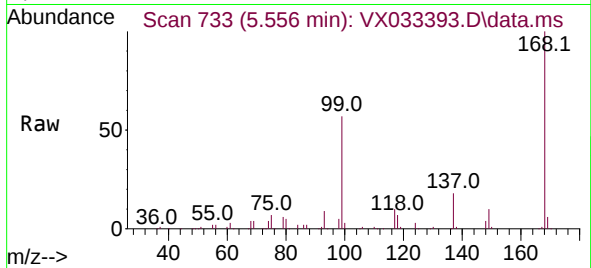




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

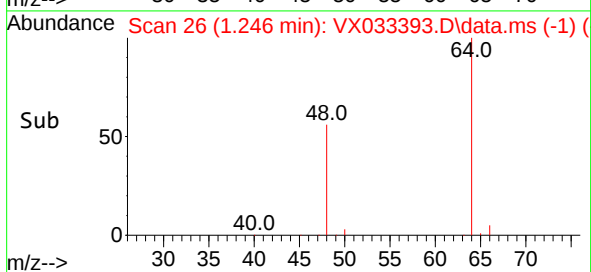
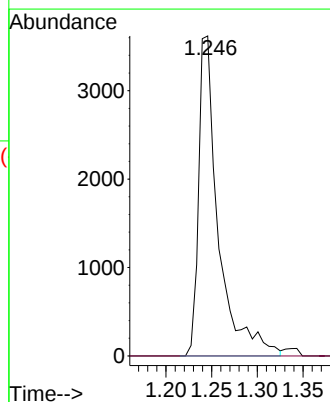
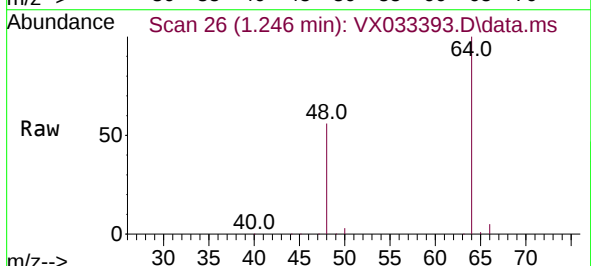
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

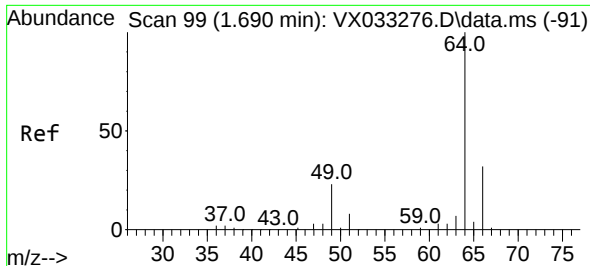
Tgt Ion:168 Resp: 134548
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#3
Chloromethane
Concen: 5.004 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion: 50 Resp: 5438
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

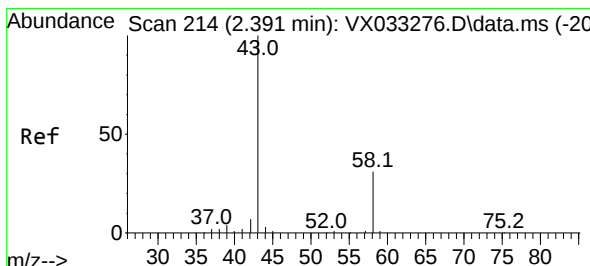
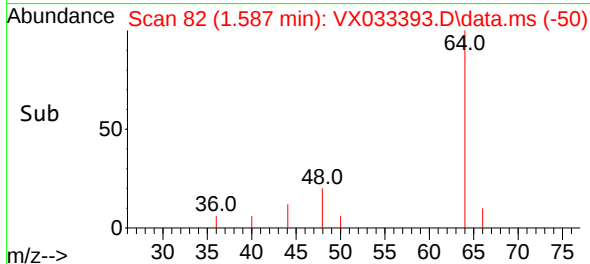
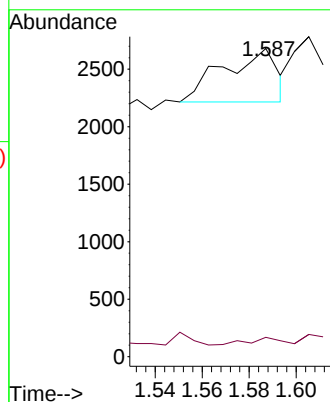
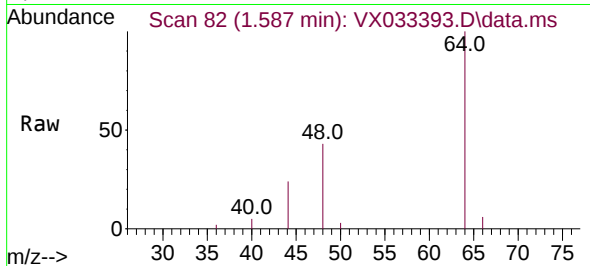




#6
Chloroethane
Concen: 0.777 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.103 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

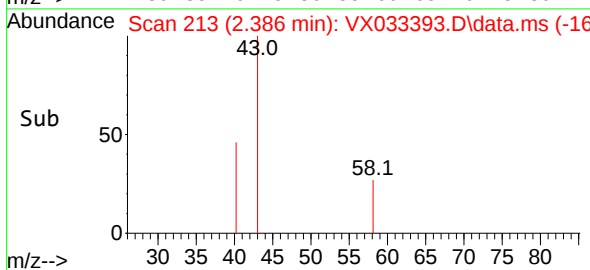
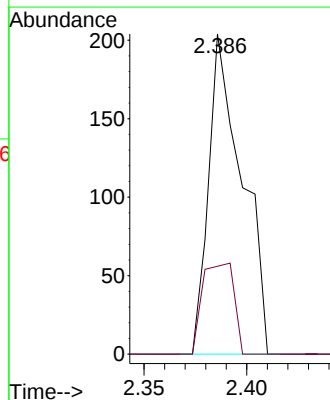
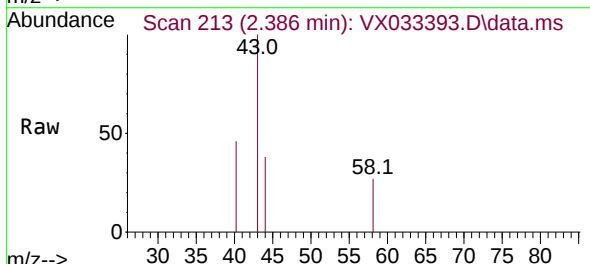
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

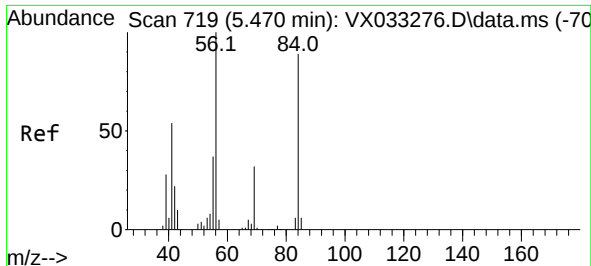
Tgt Ion: 64 Resp: 731
Ion Ratio Lower Upper
64 100
66 6.5 26.0 39.0#



#16
Acetone
Concen: 0.362 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

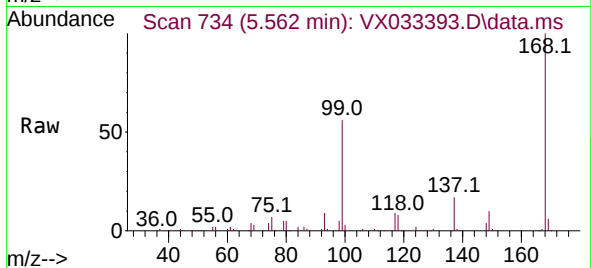
Tgt Ion: 43 Resp: 231
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.8



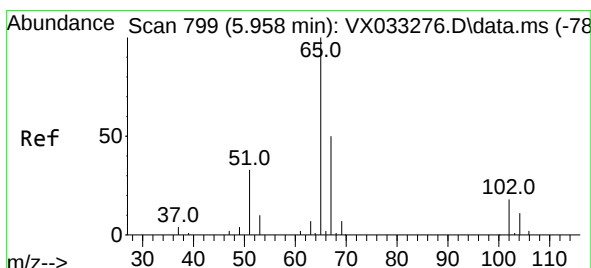
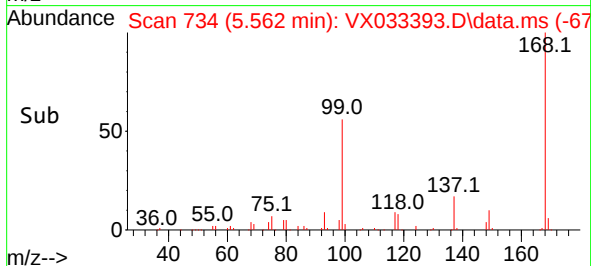
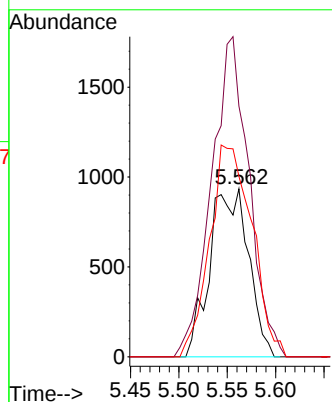


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

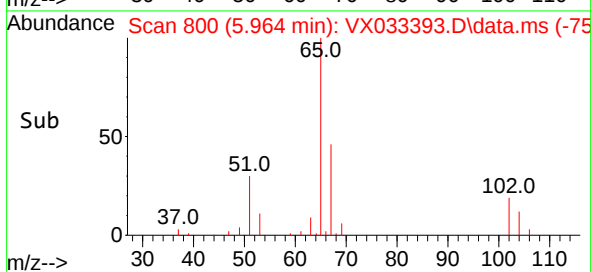
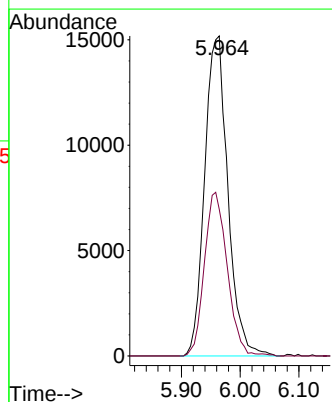
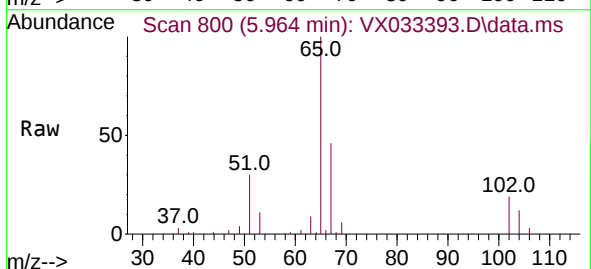


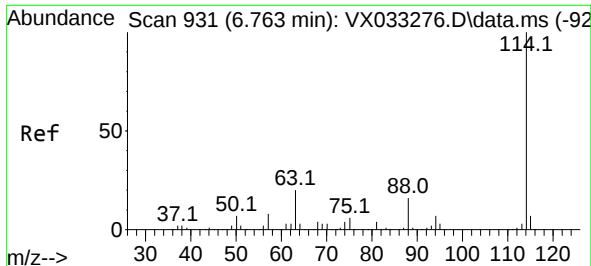
Tgt Ion: 56 Resp: 2605
Ion Ratio Lower Upper
56 100
69 143.8 24.1 36.1#
84 107.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.237 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion: 65 Resp: 41637
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

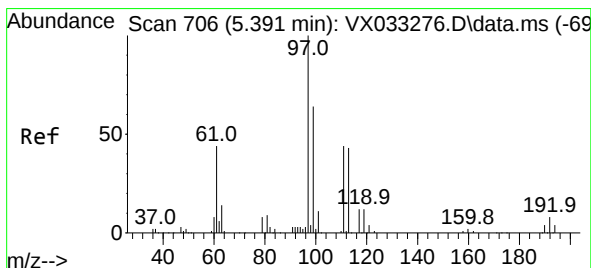
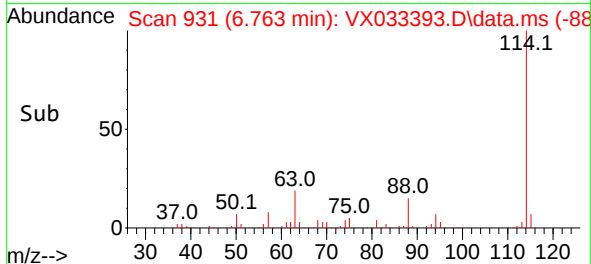
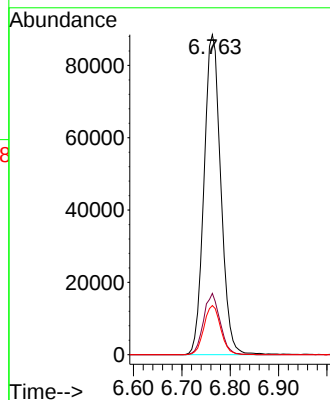
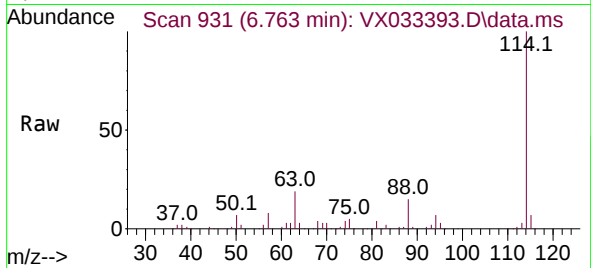




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

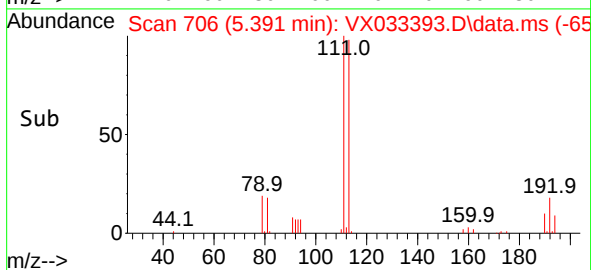
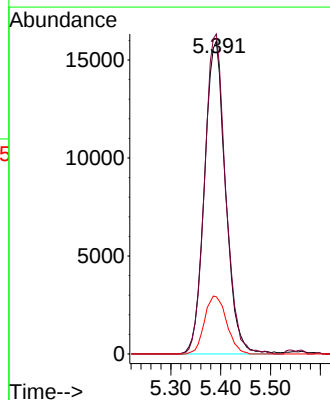
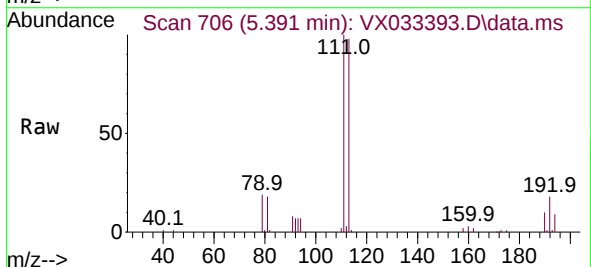
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

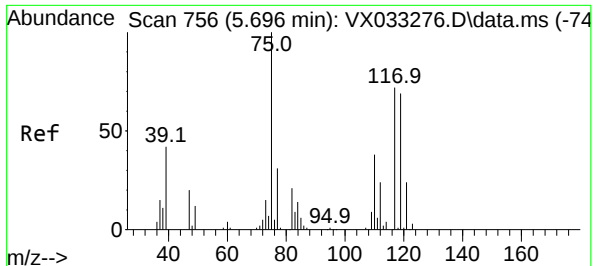
Tgt Ion:114 Resp: 213476
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.941 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion:113 Resp: 46992
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.3 15.4 23.2

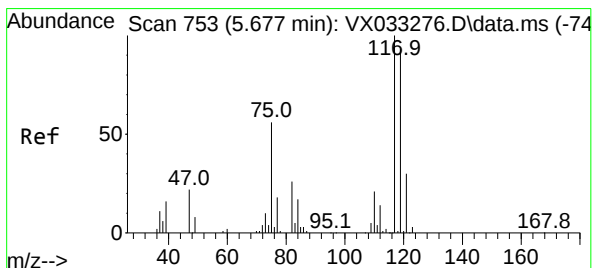
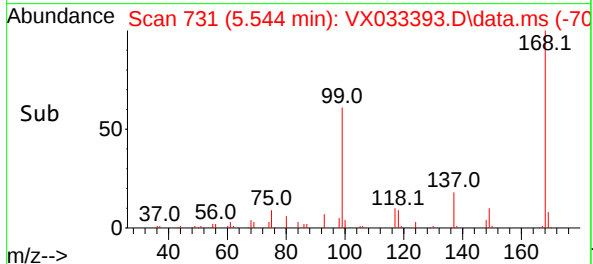
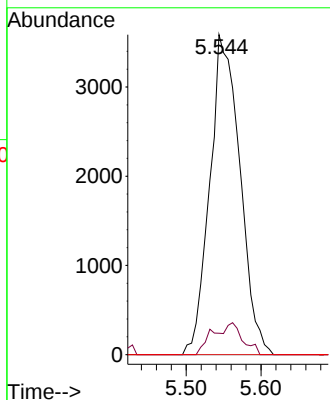
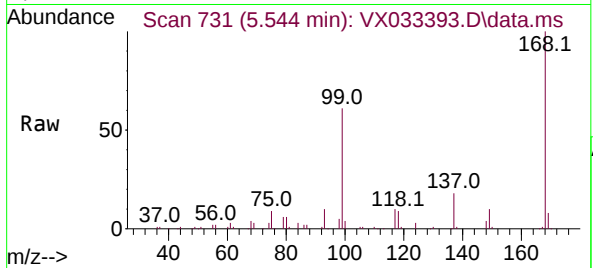




#36
1,1-Dichloropropene
Concen: 5.379 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

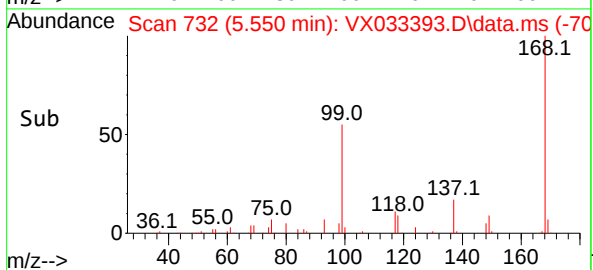
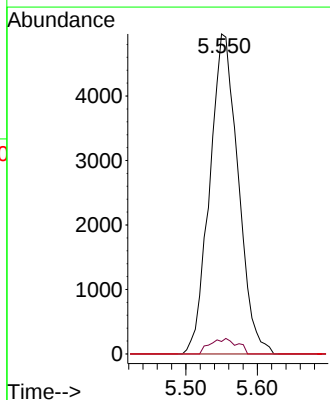
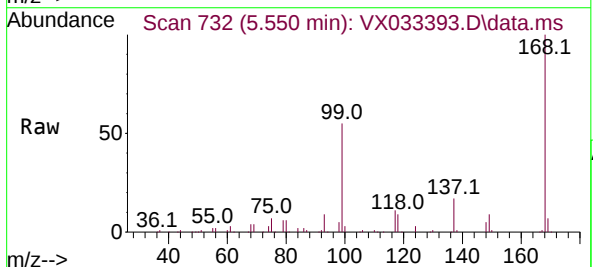
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

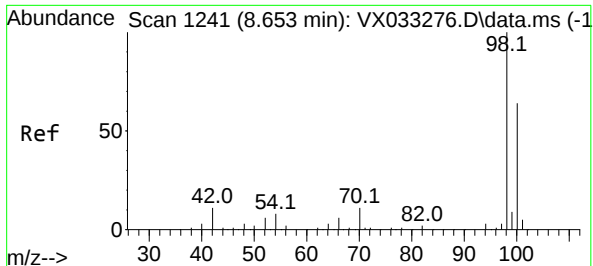
Tgt Ion: 75 Resp: 10069
Ion Ratio Lower Upper
75 100
110 9.8 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.545 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion: 117 Resp: 13728
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.135 ug/l

RT: 8.647 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VX033393.D

Acq: 13 Dec 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

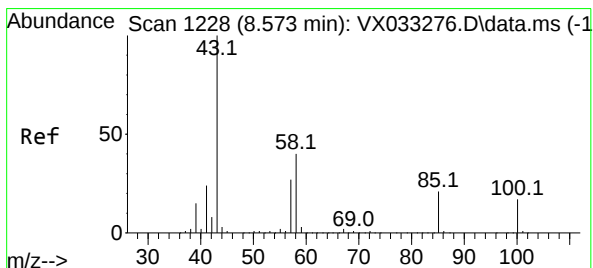
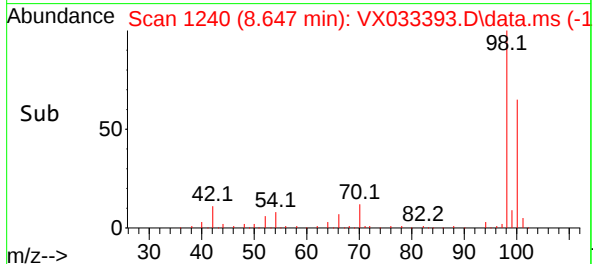
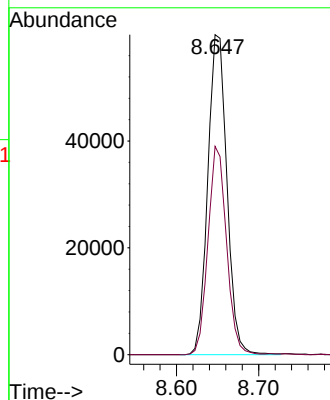
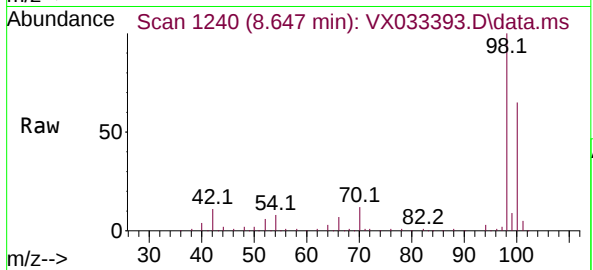
TB-2022-12-12

Tgt Ion: 98 Resp: 96685

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.229 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX033393.D

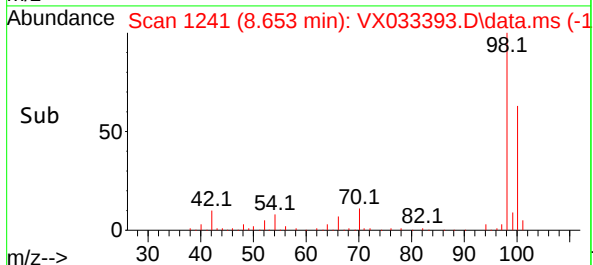
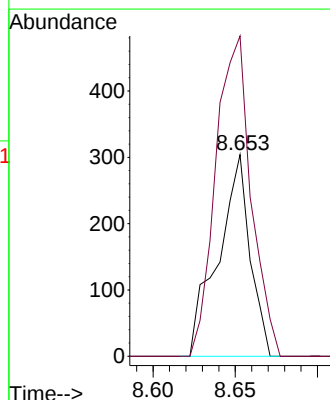
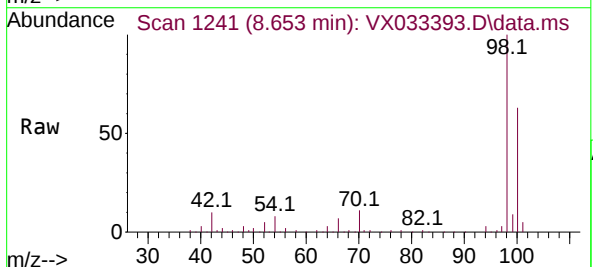
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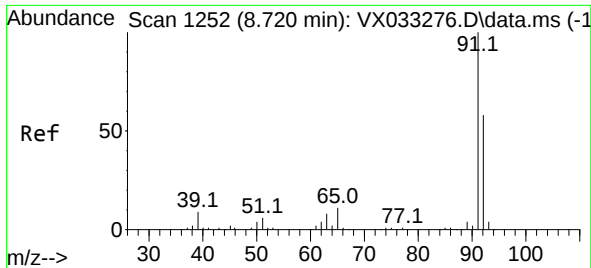
Tgt Ion: 43 Resp: 412

Ion Ratio Lower Upper

43 100

58 175.2 30.9 46.3#

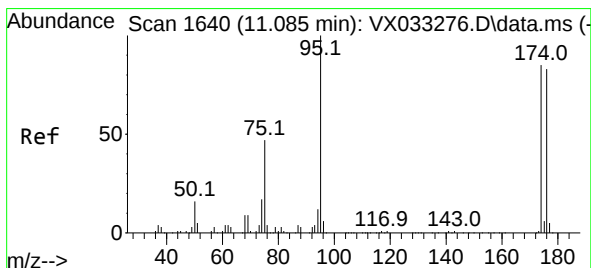
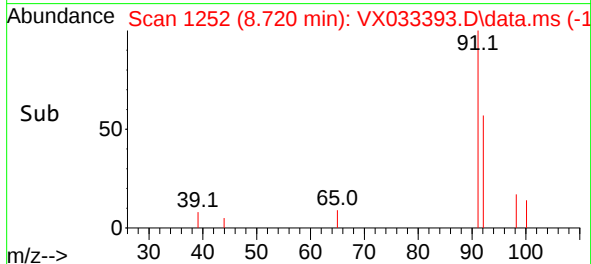
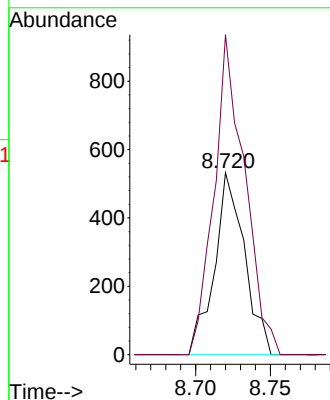
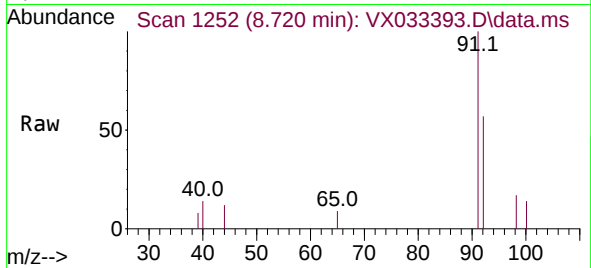




#52
Toluene
Concen: 0.211 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

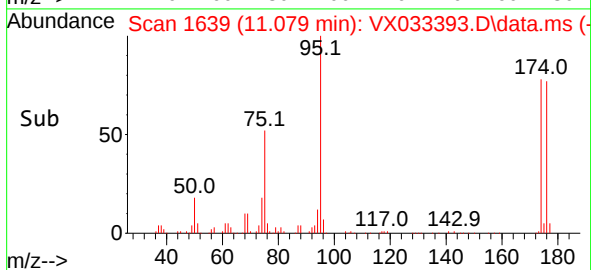
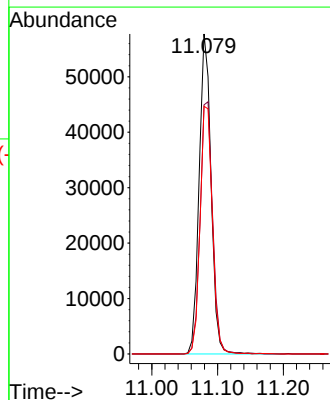
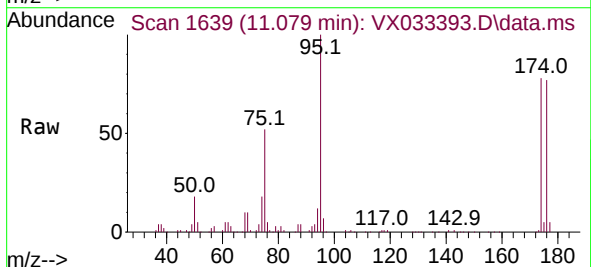
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

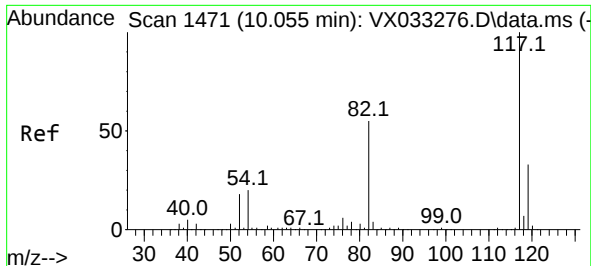
Tgt Ion: 92 Resp: 744
Ion Ratio Lower Upper
92 100
91 179.7 138.3 207.5



#62
4-Bromofluorobenzene
Concen: 47.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion: 95 Resp: 72566
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.0
176 80.6 0.0 154.4

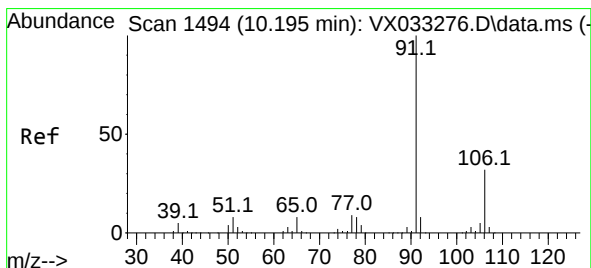
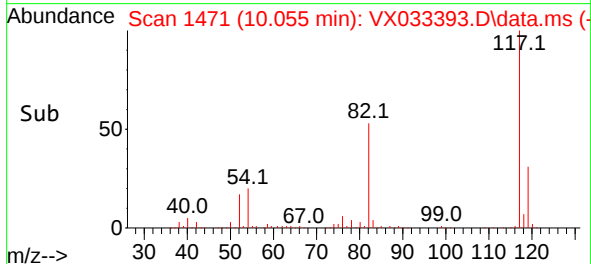
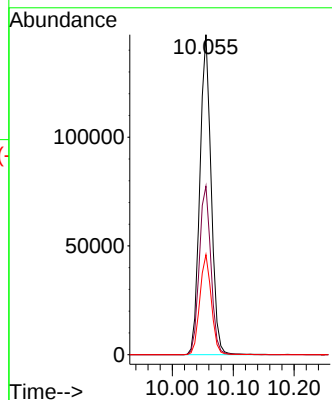
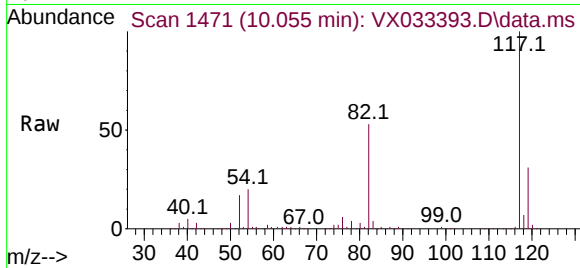




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

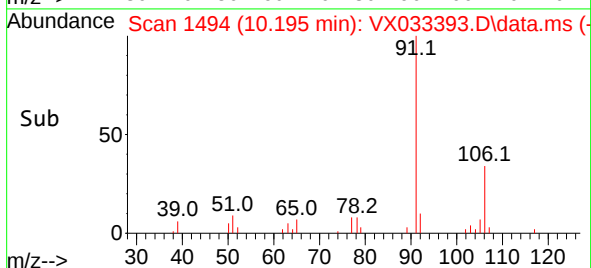
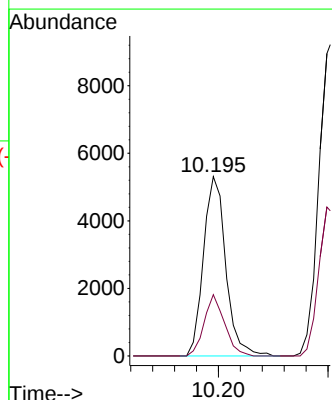
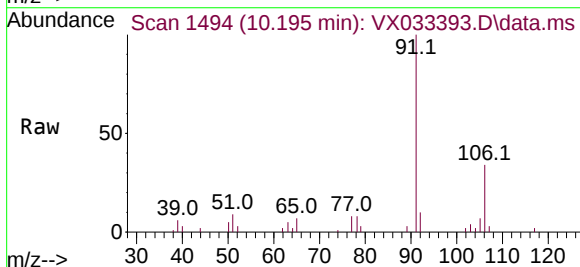
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

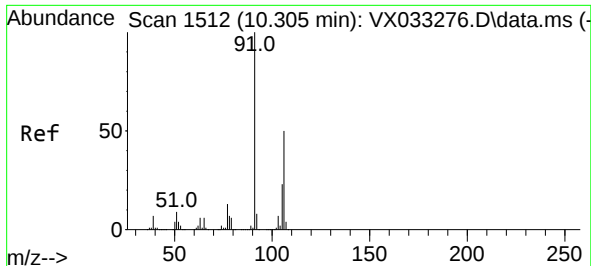
Tgt Ion:117 Resp: 189389
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 31.3 25.7 38.5



#67
Ethyl Benzene
Concen: 1.123 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion: 91 Resp: 7506
Ion Ratio Lower Upper
91 100
106 34.1 25.0 37.6

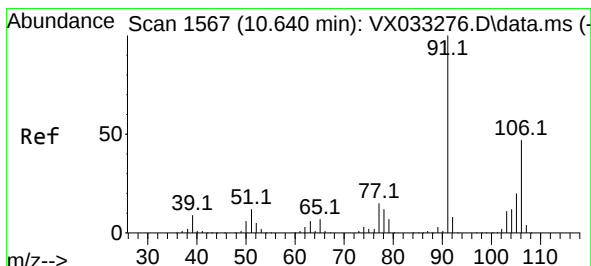
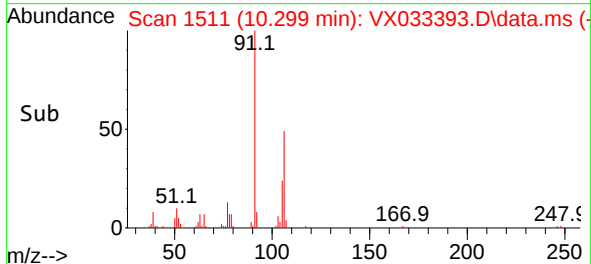
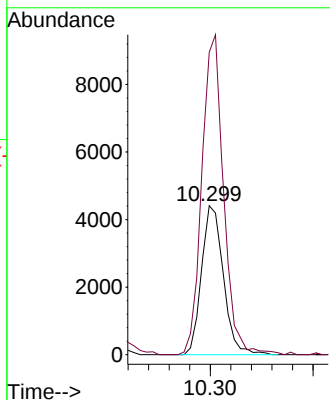
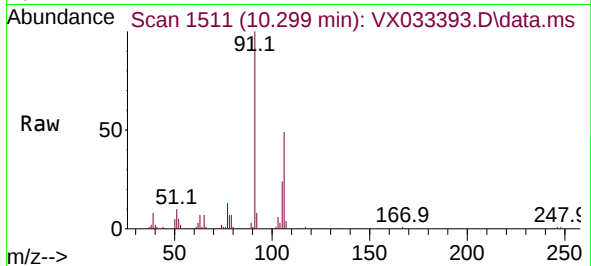




#68
m/p-Xylenes
Concen: 2.508 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

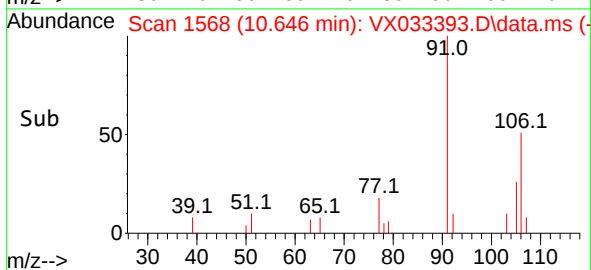
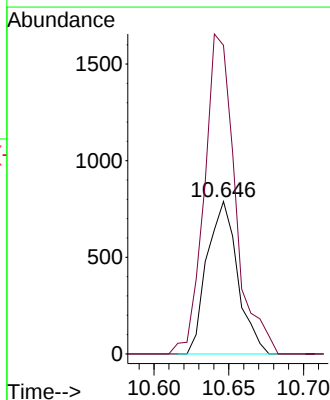
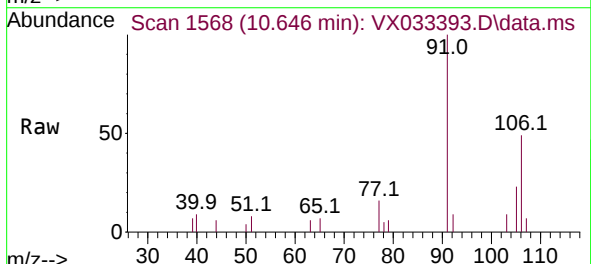
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-12-12

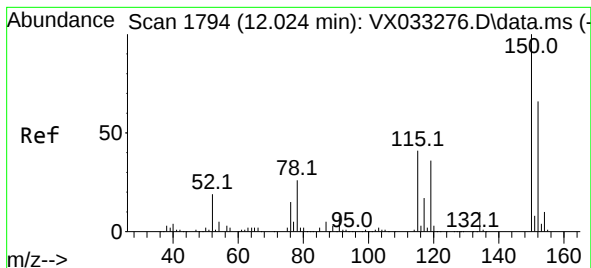
Tgt Ion:106 Resp: 6519
Ion Ratio Lower Upper
106 100
91 213.4 164.5 246.7



#69
o-Xylene
Concen: 0.437 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033393.D
Acq: 13 Dec 2022 15:30

Tgt Ion:106 Resp: 1122
Ion Ratio Lower Upper
106 100
91 212.1 109.2 327.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033393.D

Acq: 13 Dec 2022 15:30

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-12-12

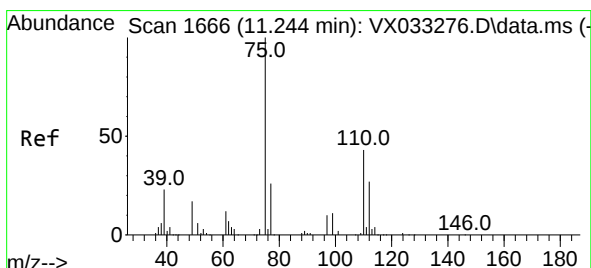
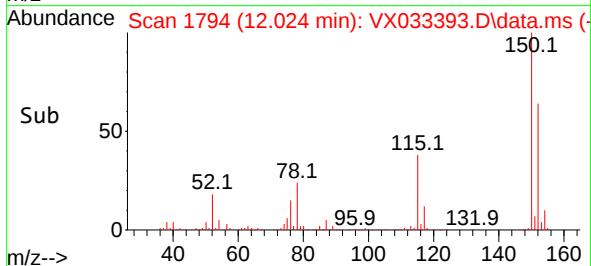
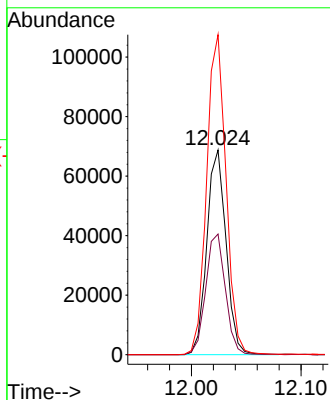
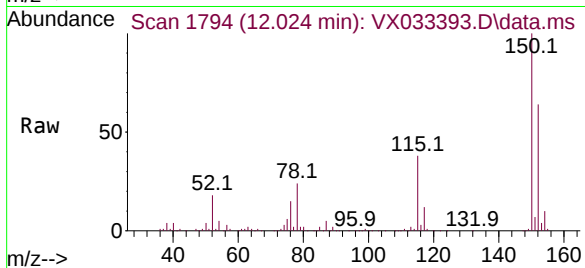
Tgt Ion:152 Resp: 83808

Ion Ratio Lower Upper

152 100

115 60.4 44.0 132.0

150 158.1 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 22.117 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX033393.D

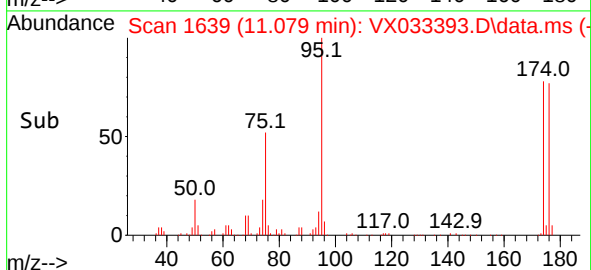
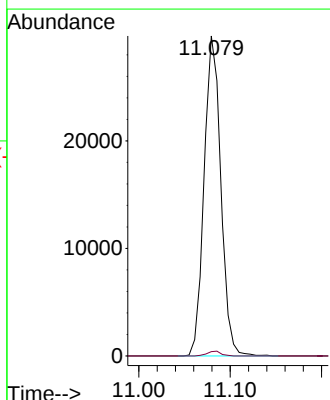
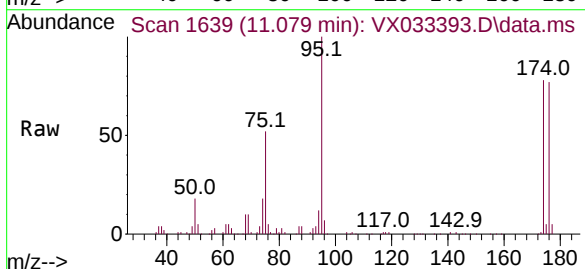
Acq: 13 Dec 2022 15:30

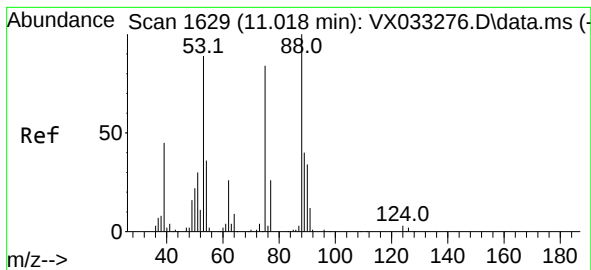
Tgt Ion: 75 Resp: 37712

Ion Ratio Lower Upper

75 100

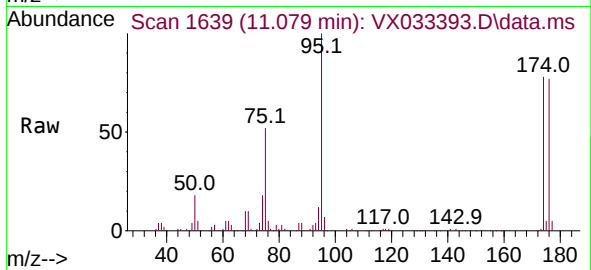
77 1.3 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.800 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033393.D
 Acq: 13 Dec 2022 15:30

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-12-12



Tgt Ion: 75 Resp: 37712
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.1 38.3 57.5#

