

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032286.D
 Acq On : 21 Oct 2022 14:15
 Operator : JC/MD
 Sample : N5221-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-10-20-22-TRIP-BLANK

Quant Time: Oct 22 05:09:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

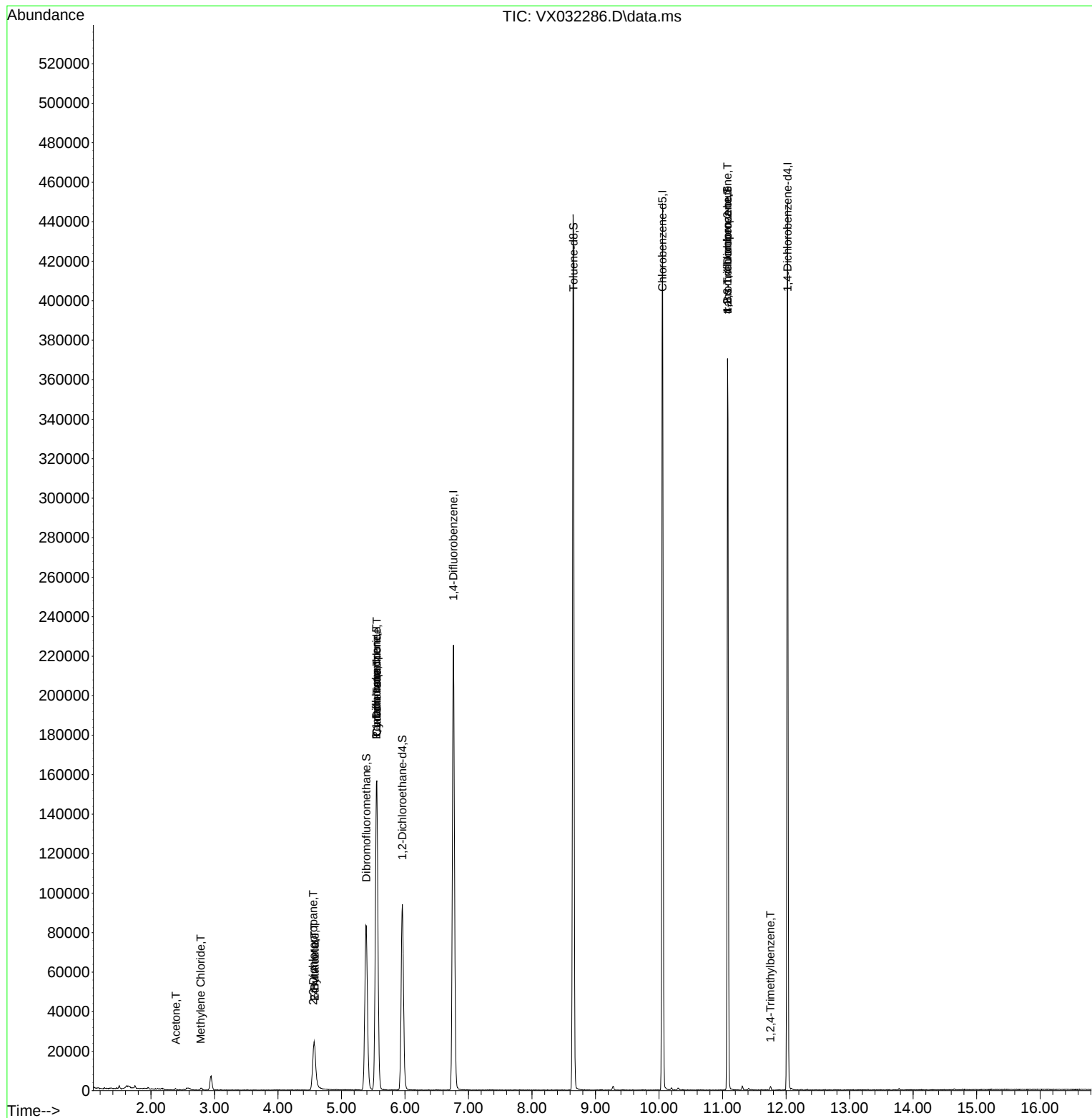
Internal Standards						
1) Pentafluorobenzene	5.550	168	146630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93945	49.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.500%
35) Dibromofluoromethane	5.391	113	70941	45.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	8.653	98	266186	47.147	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.300%
62) 4-Bromofluorobenzene	11.079	95	92367	44.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	84	Below Cal	#	44
11) Tert butyl alcohol	2.940	59	4284	Below Cal	#	76
16) Acetone	2.392	43	920	1.486	ug/l #	84
20) Methylene Chloride	2.782	84	548	0.345	ug/l #	78
25) 2-Butanone	4.574	43	1705	1.764	ug/l #	48
26) 2,2-Dichloropropane	4.556	77	1945	1.038	ug/l #	52
31) Cyclohexane	5.556	56	3167	1.452	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11988	5.942	ug/l #	50
37) Ethyl Acetate	4.574	43	1705	0.863	ug/l #	16
38) Carbon Tetrachloride	5.556	117	15289	7.178	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	50009	28.270	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	50009	86.671	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1186	0.222	ug/l	92

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

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TB-10-20-22-TRIP-BLANK

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
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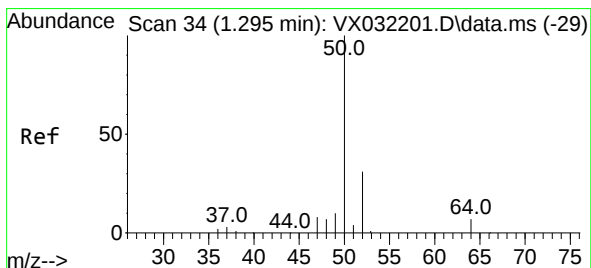
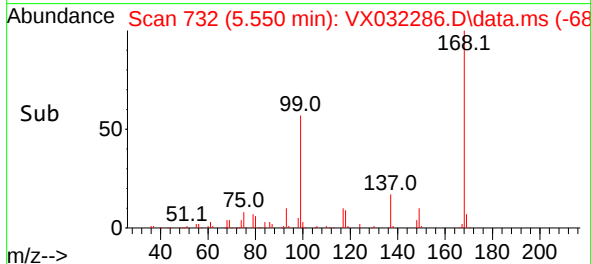
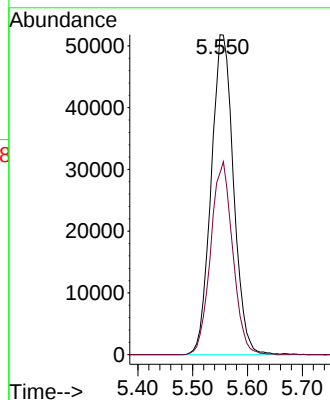
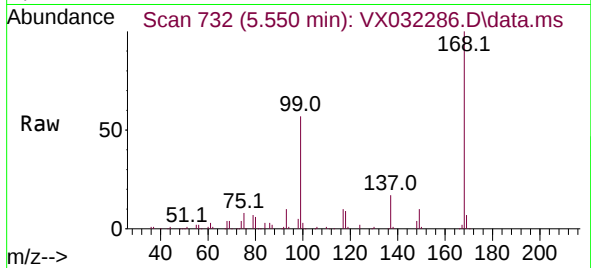




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

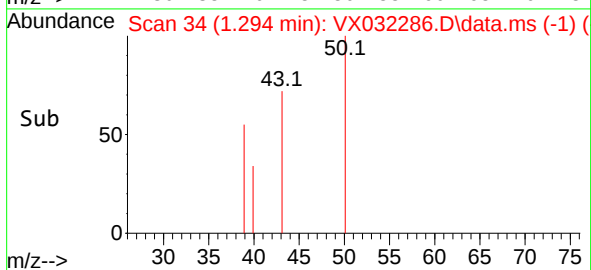
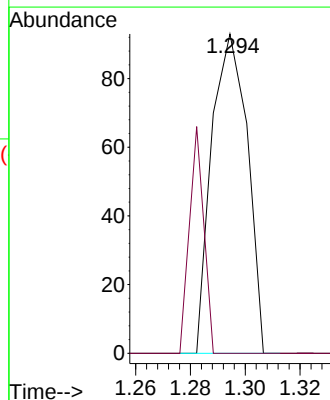
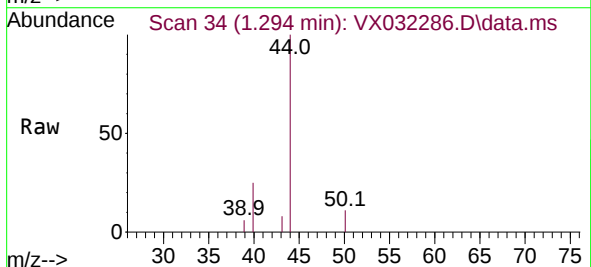
Instrument :
MSVOA_X
ClientSampleId :
TB-10-20-22-TRIP-BLANK

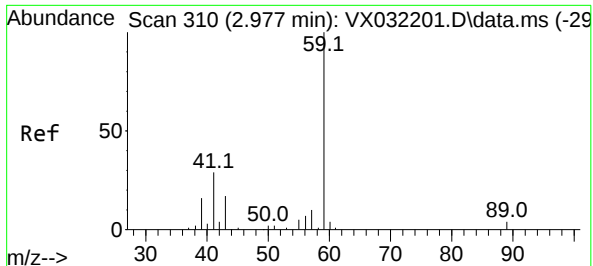
Tgt Ion:168 Resp: 146630
Ion Ratio Lower Upper
168 100
99 56.8 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

Tgt Ion: 50 Resp: 84
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX032286.D

Acq: 21 Oct 2022 14:15

Instrument :

MSVOA_X

ClientSampleId :

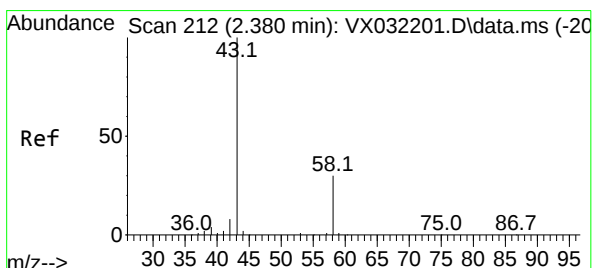
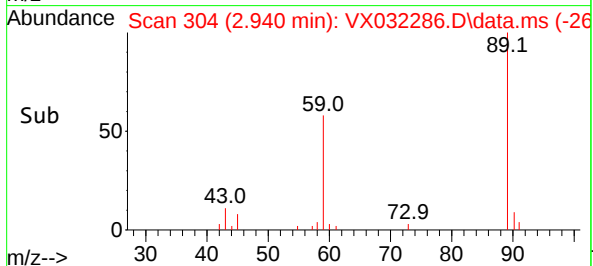
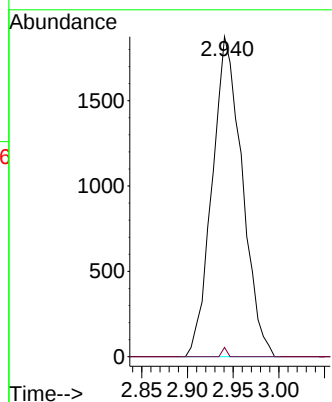
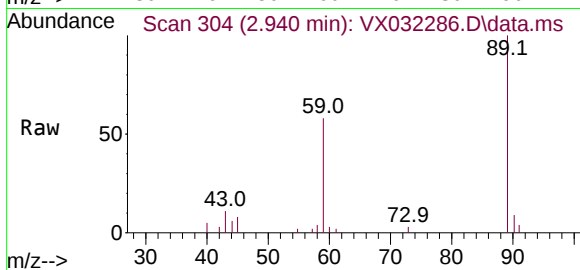
TB-10-20-22-TRIP-BLANK

Tgt Ion: 59 Resp: 4284

Ion Ratio Lower Upper

59 100

57 0.5 7.5 11.3#



#16

Acetone

Concen: 1.486 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX032286.D

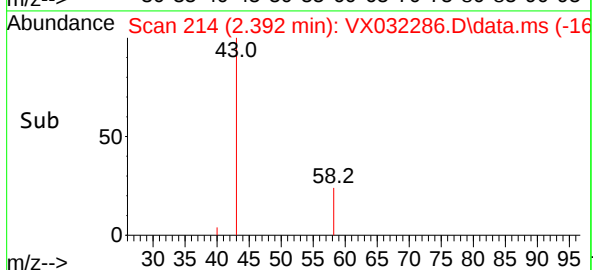
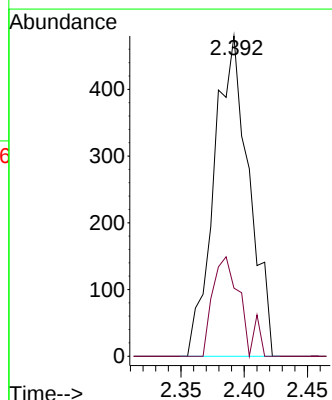
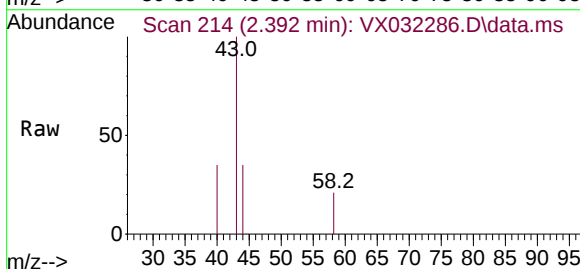
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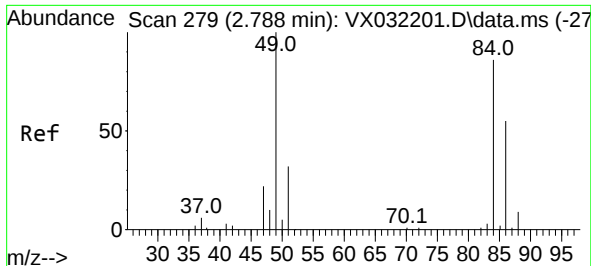
Tgt Ion: 43 Resp: 920

Ion Ratio Lower Upper

43 100

58 21.3 24.2 36.2#





#20

Methylene Chloride

Concen: 0.345 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX032286.D

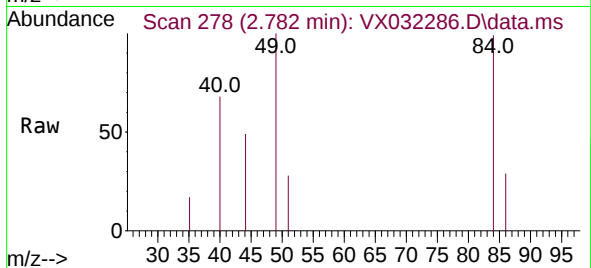
Acq: 21 Oct 2022 14:15

Instrument :

MSVOA_X

ClientSampleId :

TB-10-20-22-TRIP-BLANK



Tgt Ion: 84 Resp: 548

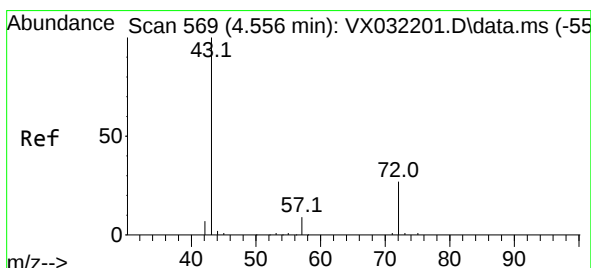
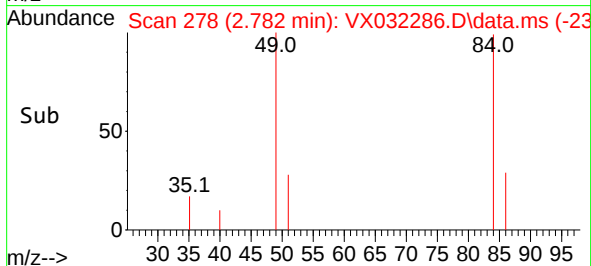
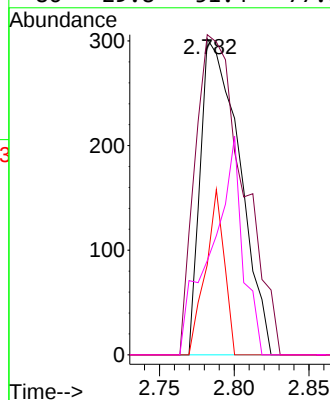
Ion Ratio Lower Upper

84 100

49 101.3 92.6 139.0

51 28.5 29.2 43.8#

86 29.8 51.4 77.0#



#25

2-Butanone

Concen: 1.764 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX032286.D

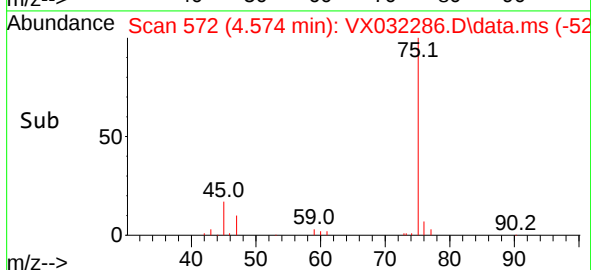
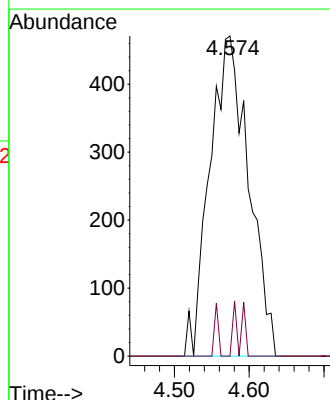
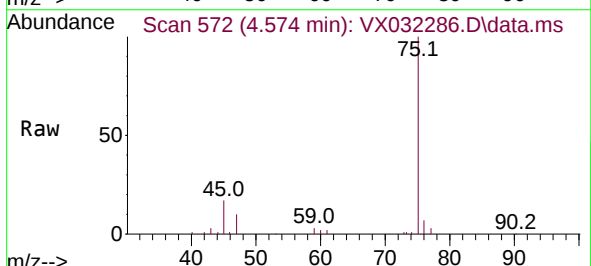
Acq: 21 Oct 2022 14:15

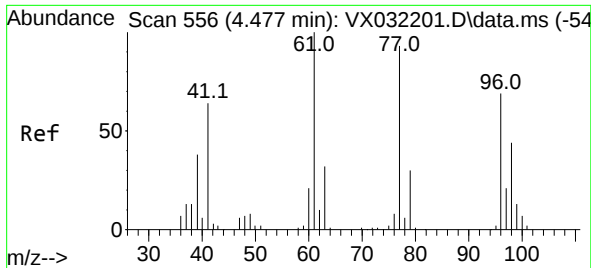
Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#

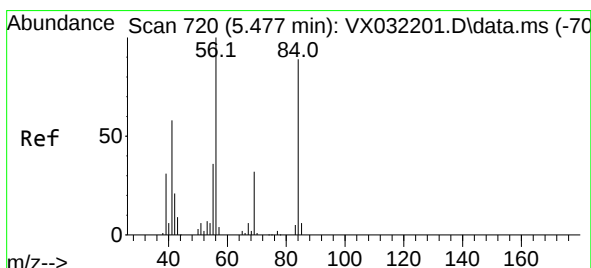
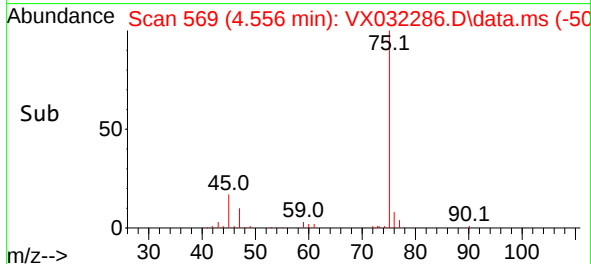
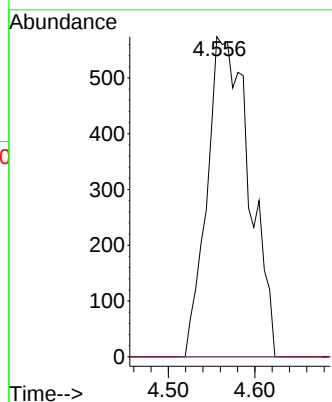
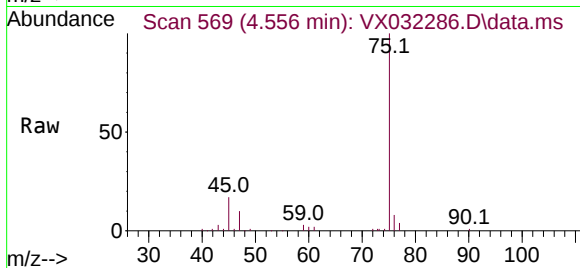




#26
2,2-Dichloropropane
Concen: 1.038 ug/l
RT: 4.556 min Scan# 51
Delta R.T. 0.079 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

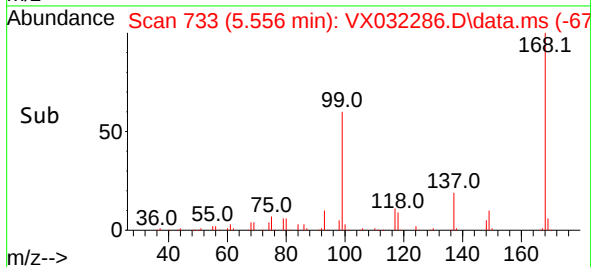
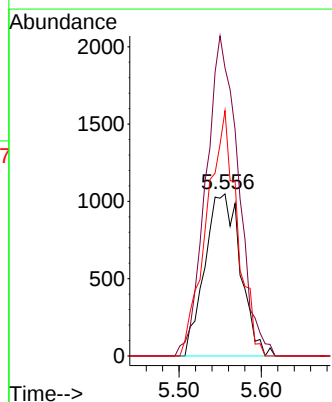
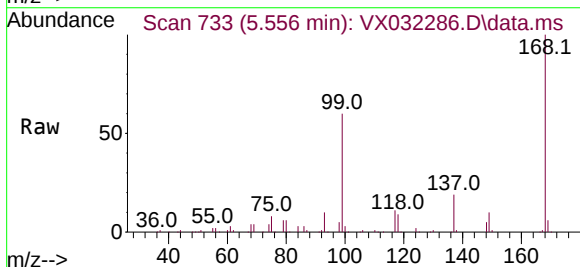
Instrument :
MSVOA_X
ClientSampleId :
TB-10-20-22-TRIP-BLANK

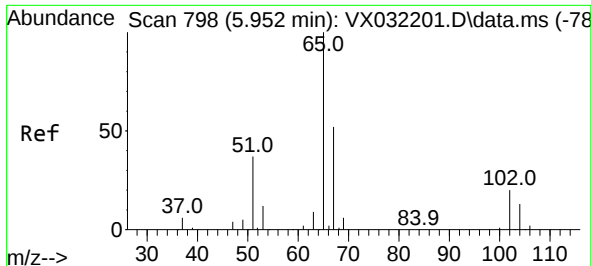
Tgt Ion: 77 Resp: 1945
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#



#31
Cyclohexane
Concen: 1.452 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

Tgt Ion: 56 Resp: 3167
Ion Ratio Lower Upper
56 100
69 177.6 25.4 38.0#
84 151.3 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 49.250 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032286.D

Acq: 21 Oct 2022 14:15

Instrument :

MSVOA_X

ClientSampleId :

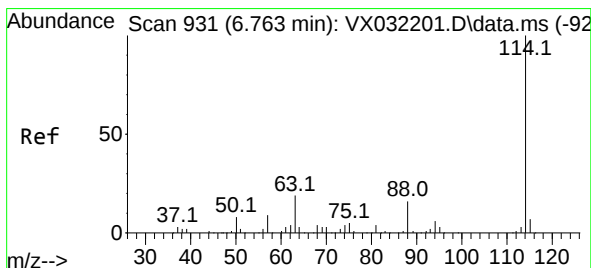
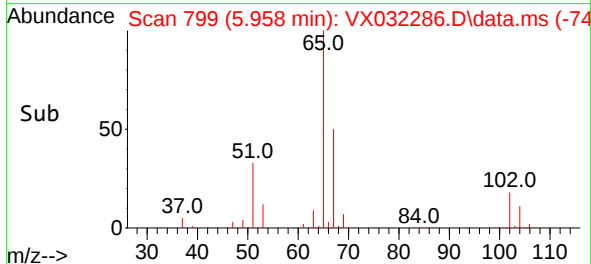
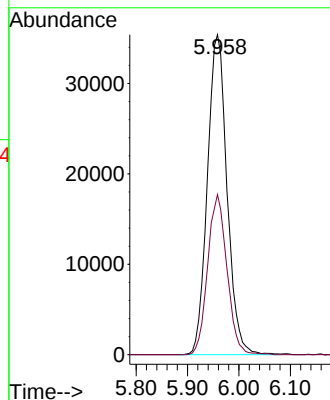
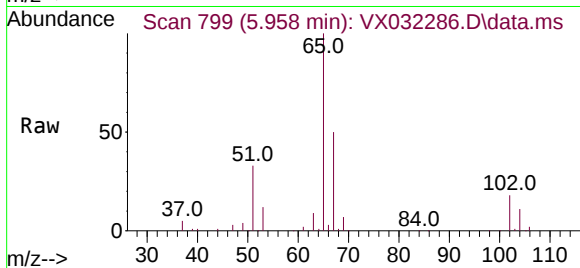
TB-10-20-22-TRIP-BLANK

Tgt Ion: 65 Resp: 93945

Ion Ratio Lower Upper

65 100

67 49.1 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032286.D

Acq: 21 Oct 2022 14:15

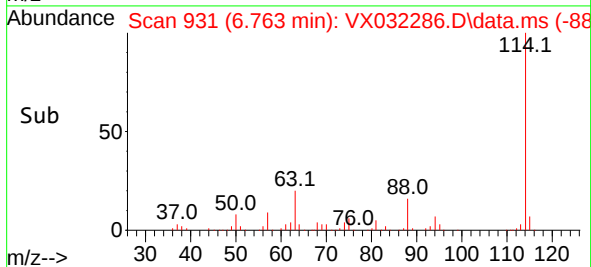
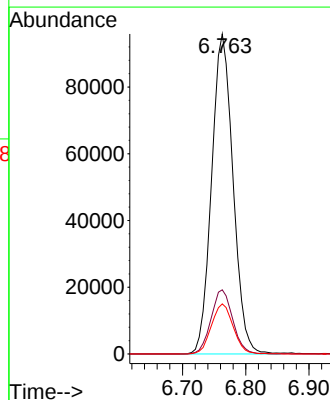
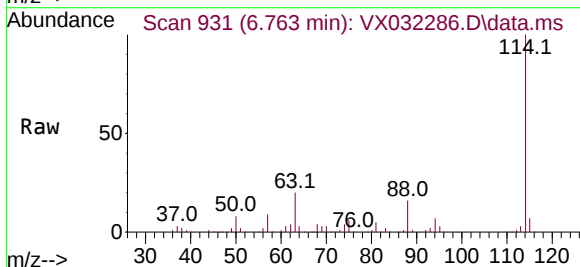
Tgt Ion: 114 Resp: 225394

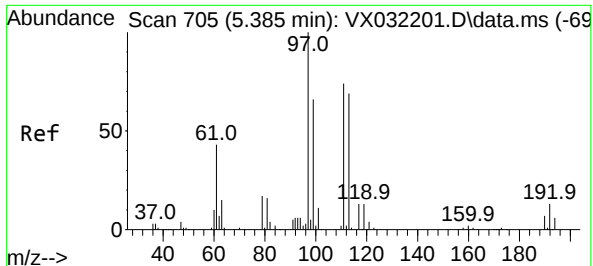
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

88 15.6 0.0 32.6

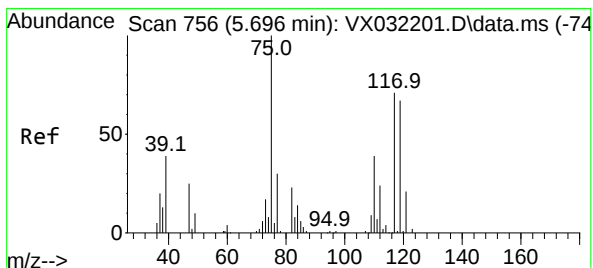
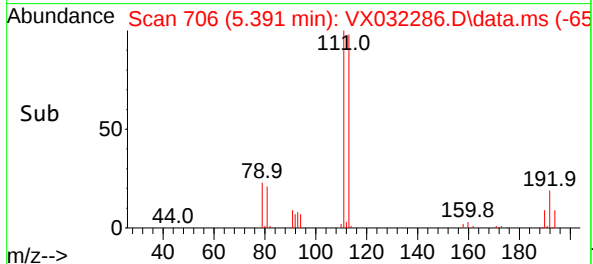
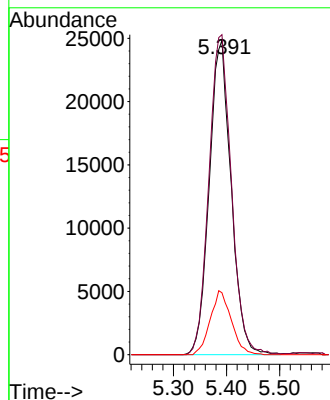
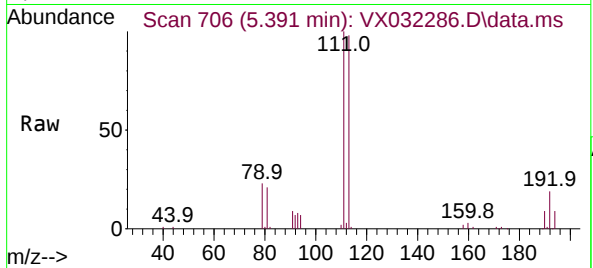




#35
Dibromofluoromethane
Concen: 45.230 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

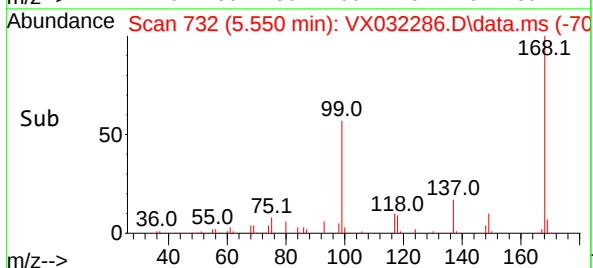
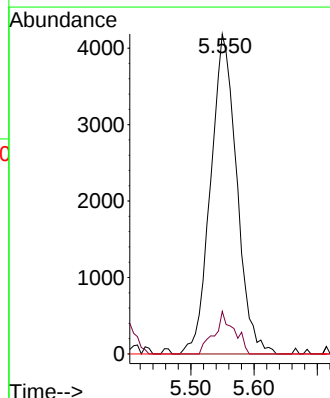
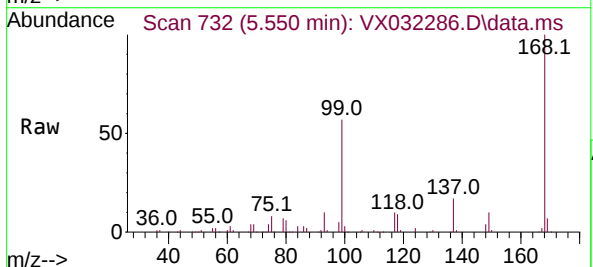
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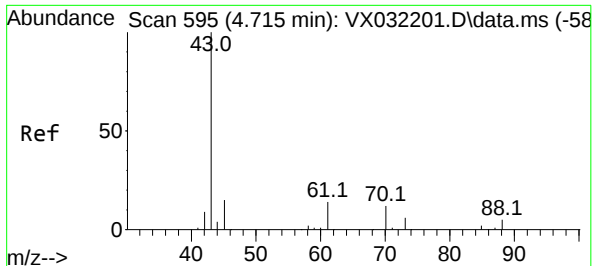
Tgt Ion:113 Resp: 70941
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 19.6 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.942 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

Tgt Ion: 75 Resp: 11988
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.0#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.863 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.141 min

Lab File: VX032286.D

Acq: 21 Oct 2022 14:15

Instrument :

MSVOA_X

ClientSampleId :

TB-10-20-22-TRIP-BLANK

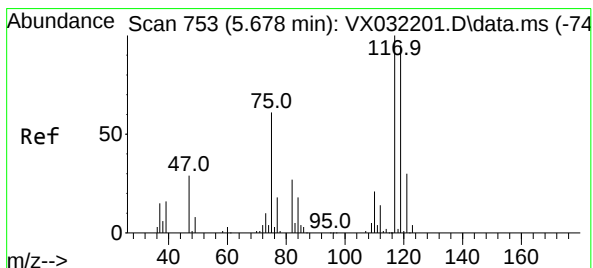
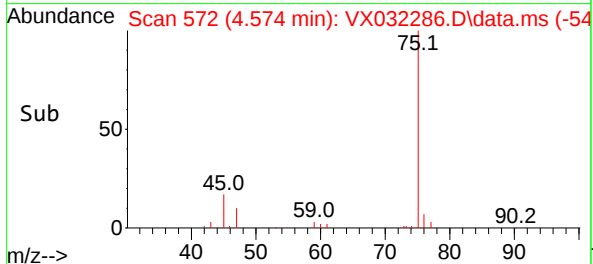
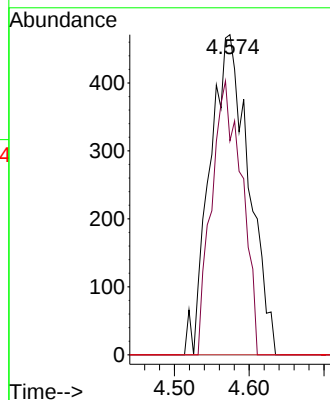
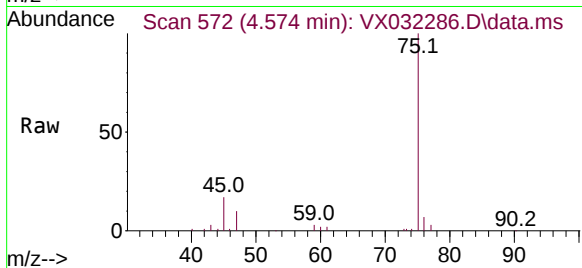
Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

43 100

61 66.2 11.4 17.2#

70 0.0 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 7.178 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX032286.D

Acq: 21 Oct 2022 14:15

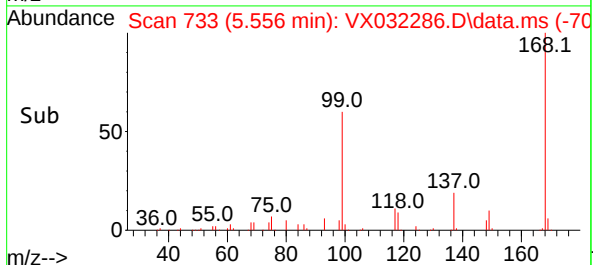
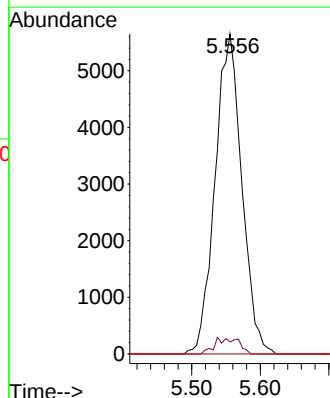
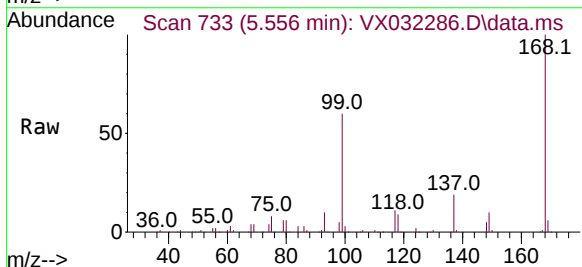
Tgt Ion: 117 Resp: 15289

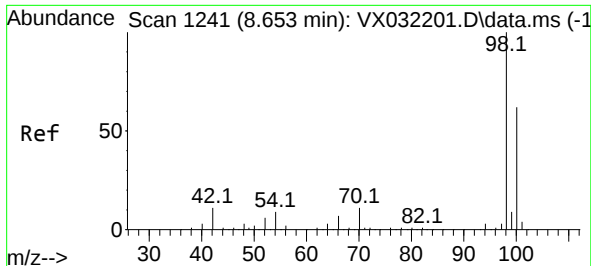
Ion Ratio Lower Upper

117 100

119 3.7 75.4 113.0#

121 0.0 23.9 35.9#

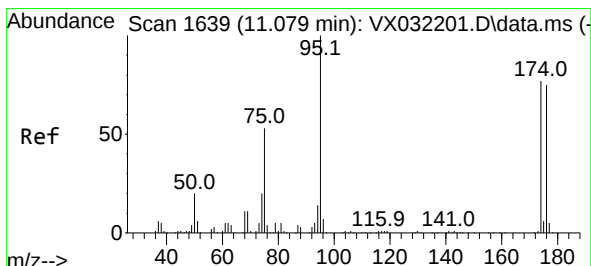
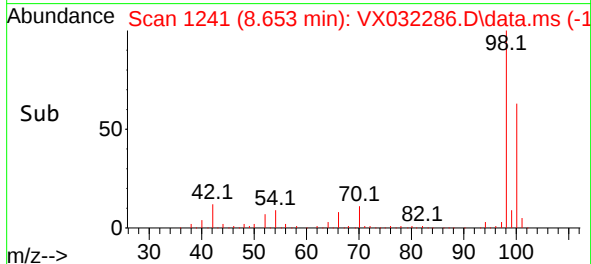
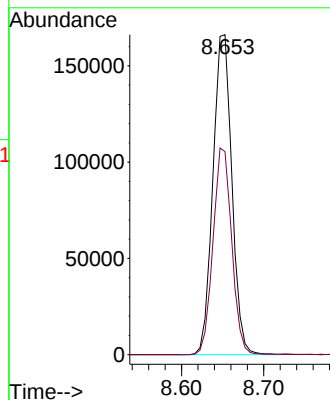
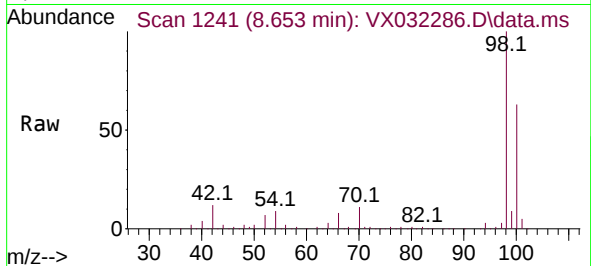




#50
Toluene-d8
Concen: 47.147 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

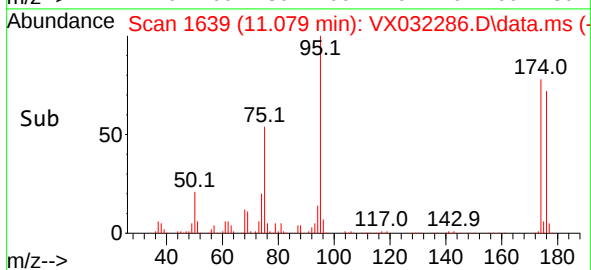
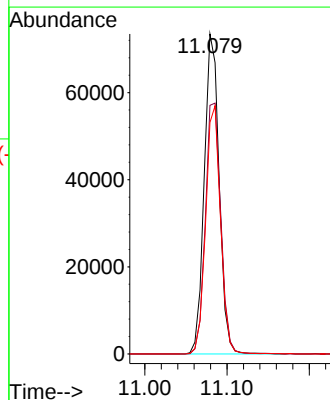
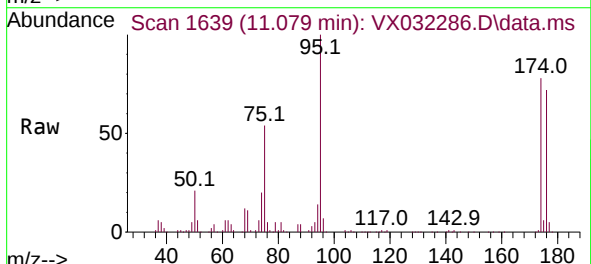
Instrument :
MSVOA_X
ClientSampleId :
TB-10-20-22-TRIP-BLANK

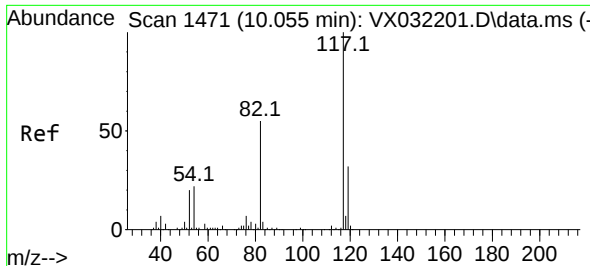
Tgt Ion: 98 Resp: 266186
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 44.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

Tgt Ion: 95 Resp: 92367
Ion Ratio Lower Upper
95 100
174 81.2 0.0 166.8
176 77.5 0.0 161.4

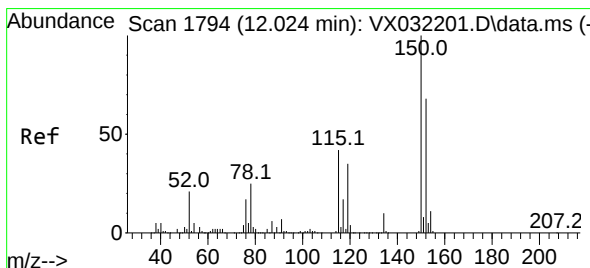
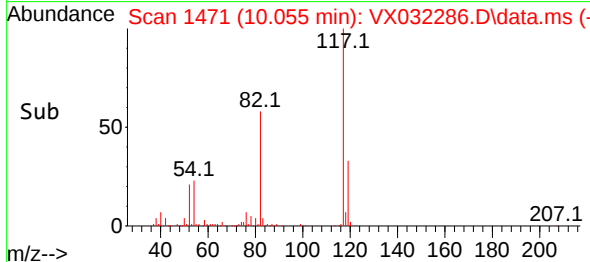
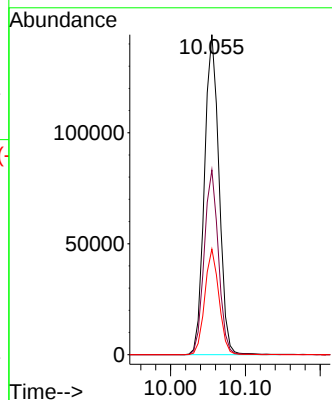
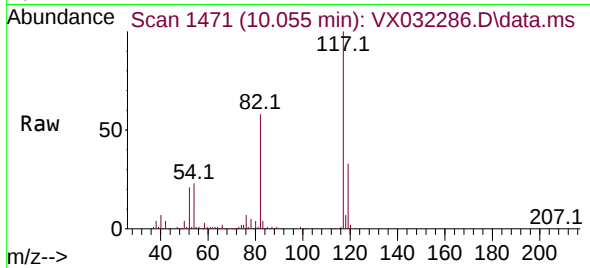




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

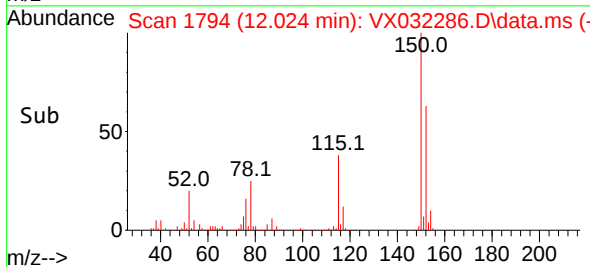
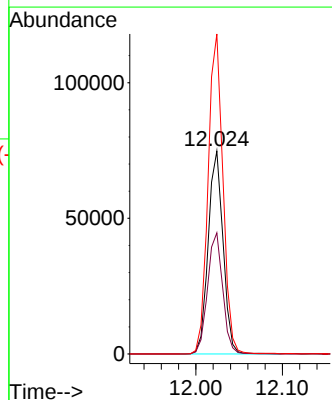
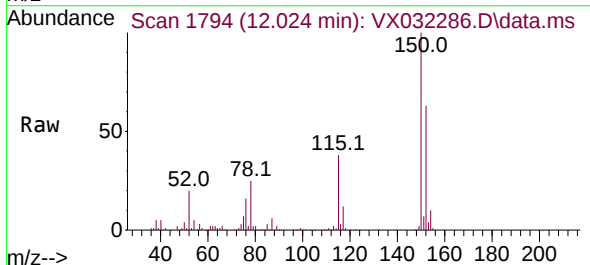
Instrument :
MSVOA_X
ClientSampleId :
TB-10-20-22-TRIP-BLANK

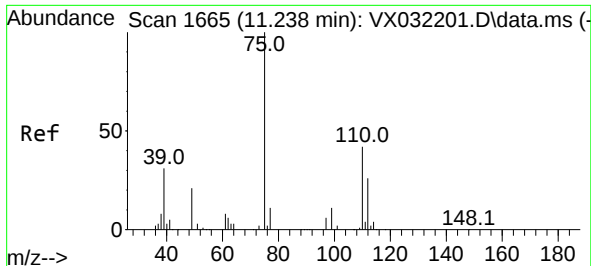
Tgt Ion:117 Resp: 194988
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.4
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

Tgt Ion:152 Resp: 89279
Ion Ratio Lower Upper
152 100
115 60.6 43.1 129.4
150 157.8 0.0 348.6

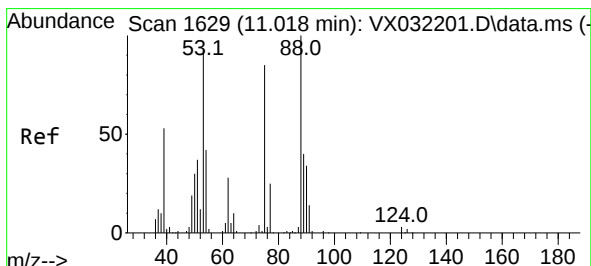
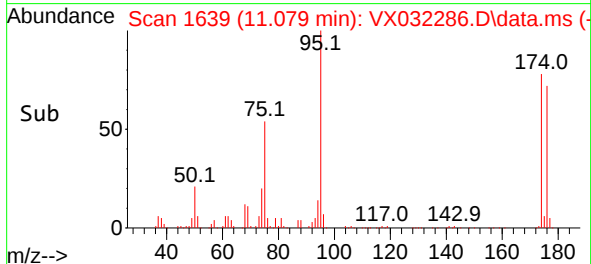
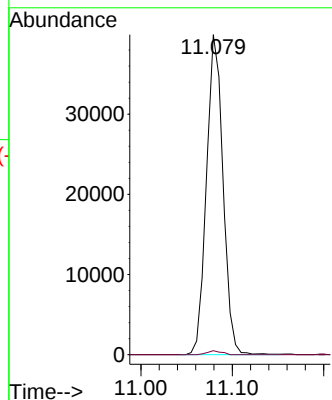
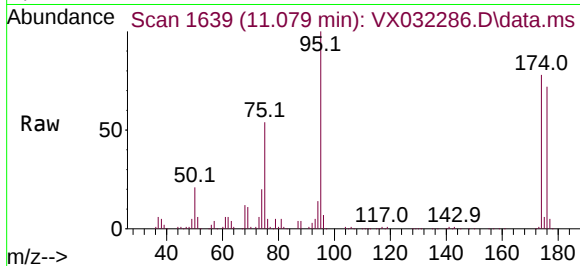




#76
1,2,3-Trichloropropane
Concen: 28.270 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

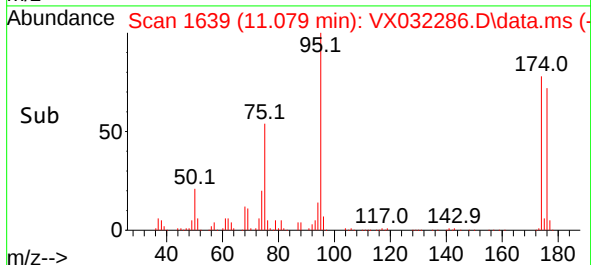
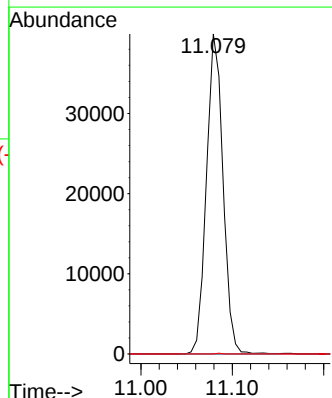
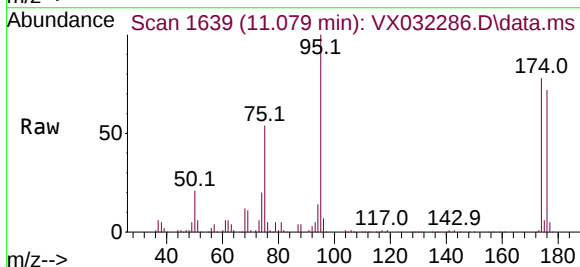
Instrument :
MSVOA_X
ClientSampleId :
TB-10-20-22-TRIP-BLANK

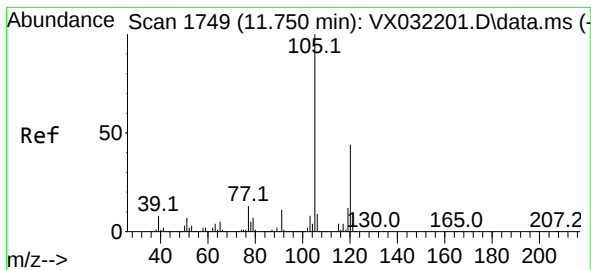
Tgt Ion: 75 Resp: 50009
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032286.D
Acq: 21 Oct 2022 14:15

Tgt Ion: 75 Resp: 50009
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.1 37.8 56.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.222 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032286.D

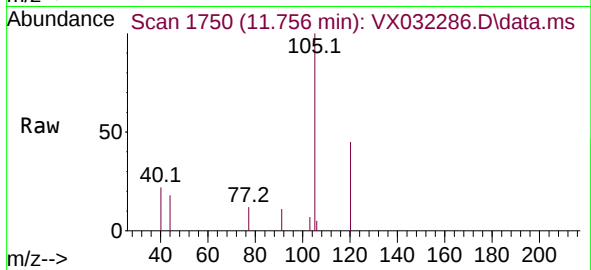
Acq: 21 Oct 2022 14:15

Instrument :

MSVOA_X

ClientSampleId :

TB-10-20-22-TRIP-BLANK



Tgt Ion:105 Resp: 1186

Ion Ratio Lower Upper

105 100

120 49.0 22.1 66.1

