

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021891.D
 Acq On : 11 May 2021 12:08
 Operator : JC/MD
 Sample : M2336-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:38:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	83576	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	73506	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35151	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31799	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.672	69	26844	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.306	63	38925	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.471	46	78929	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	5.068	84	56205	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.958	65	28819	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	5.977	84	117774	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	7.312	67	36185	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	8.653	98	106913	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.952	79	15745	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	9.384	63	69954	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26681	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	34523	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1526	0.20	ug/L	96
8) Chloroethane	1.697	64	715	0.14	ug/L #	59
13) Acetone	2.392	43	22597	27.01	ug/L	96
15) Methyl Acetate	2.715	43	609	0.23	ug/L #	52
21) 2-Butanone	4.574	43	21769	14.13	ug/L	94
22) cis-1,2-Dichloroethene	4.495	96	767	0.11	ug/L	88
27) 1,2-Dichloroethane	6.098	62	1187	0.17	ug/L #	74
33) Benzene	6.044	78	2402	0.09	ug/L	100
37) 1,2-Dichloropropane	7.318	63	4094	0.66	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	1354	0.14	ug/L #	78
42) Toluene	8.720	91	4090	0.15	ug/L	97
44) trans-1,3-Dichloropropene	8.952	75	809	0.10	ug/L #	81
51) Chlorobenzene	10.086	112	3485	0.21	ug/L	99
52) Ethylbenzene	10.195	91	5783	0.19	ug/L	100
53) m,p-xylene	10.305	106	6017	0.52	ug/L	95
54) o-xylene	10.646	106	16499	1.47	ug/L	90
60) Isopropylbenzene	11.616	105	6179	0.21	ug/L	92
61) 1,2,3-Trichloropropane	10.653	75	492	0.14	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.457	105	1353	0.05	ug/L	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021891.D
 Acq On : 11 May 2021 12:08
 Operator : JC/MD
 Sample : M2336-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:38:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

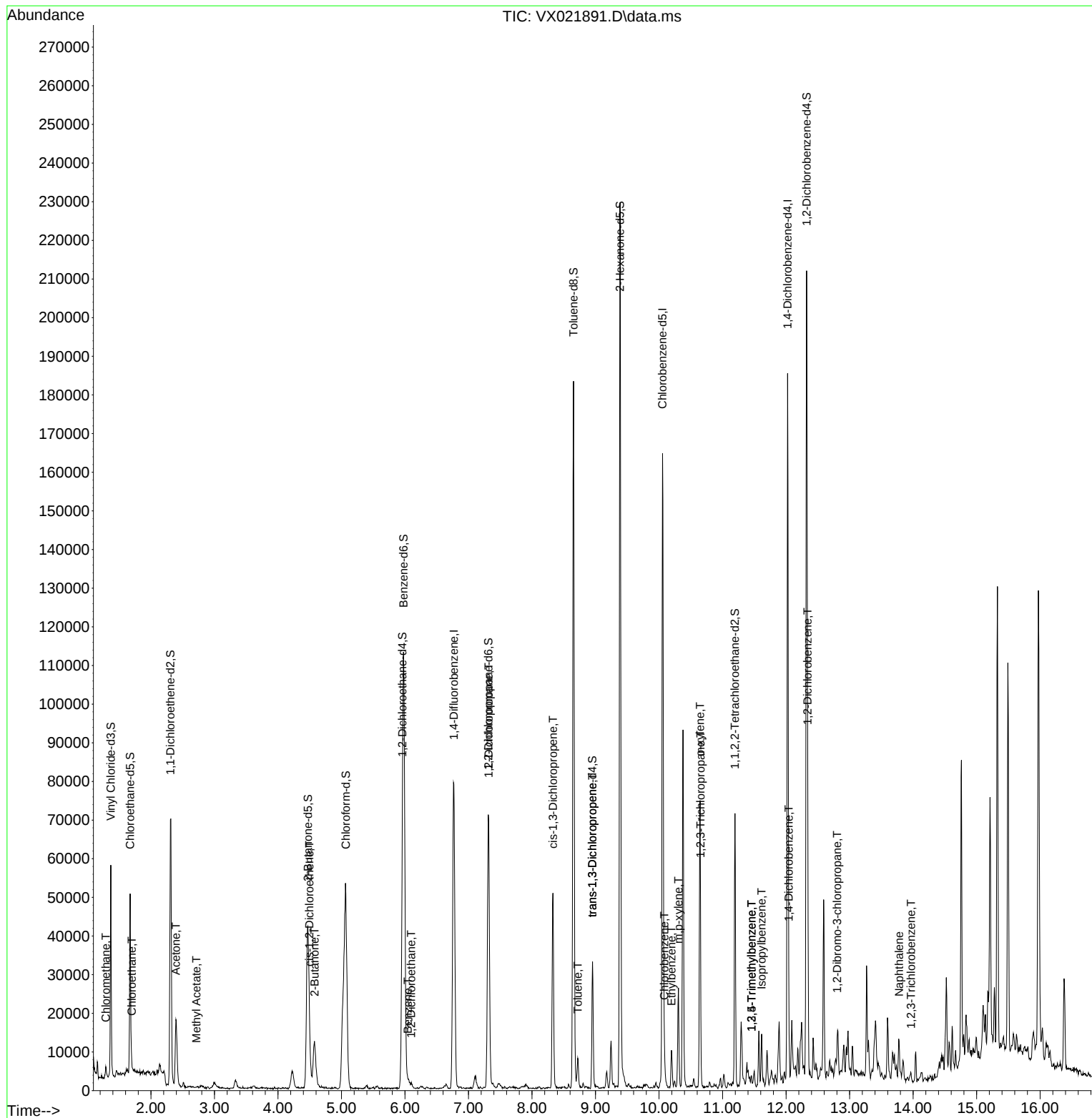
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	11.457	105	1353	0.05	ug/L	89
65) 1,4-Dichlorobenzene	12.043	146	1484	0.12	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	20084	1.78	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.805	75	172	0.20	ug/L #	9
71) Naphthalene	13.780	128	4830	0.30	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.969	180	424	0.06	ug/L #	72

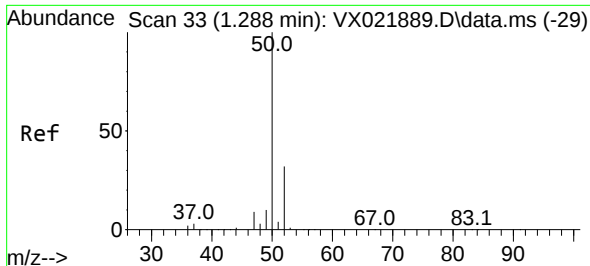
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
Data File : VX021891.D
Acq On : 11 May 2021 12:08
Operator : JC/MD
Sample : M2336-01
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 12 03:38:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 12 03:37:54 2021
Response via : Initial Calibration

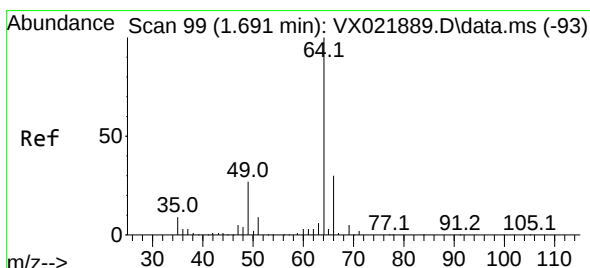
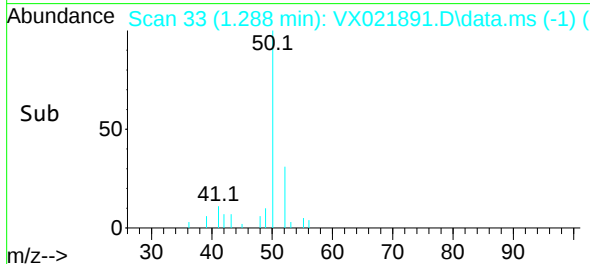
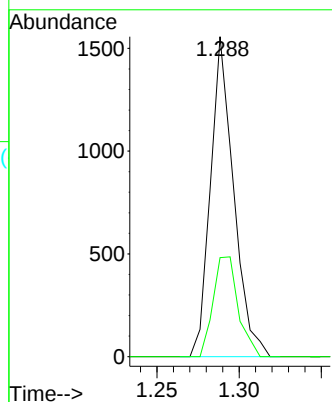
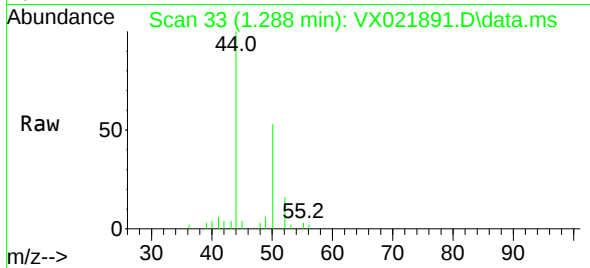




#3
Chloromethane
Concen: 0.20 ug/L
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

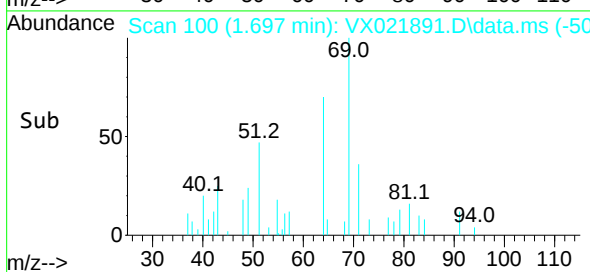
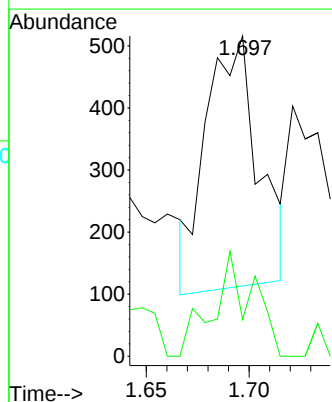
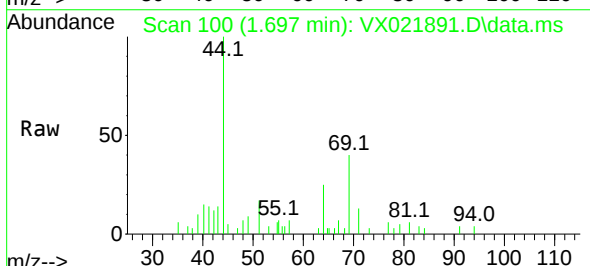
Instrument :
MSVOA_X
ClientSampled :

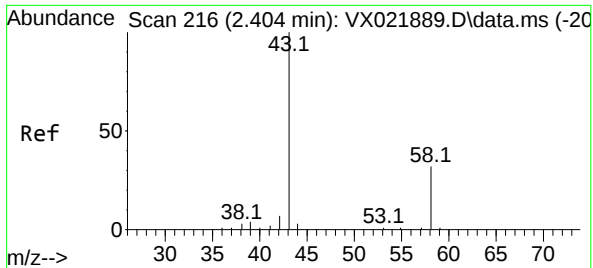
Tgt Ion: 50 Resp: 1526
Ion Ratio Lower Upper
50 100
52 31.0 23.3 43.3



#8
Chloroethane
Concen: 0.14 ug/L
RT: 1.697 min Scan# 100
Delta R.T. 0.006 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 64 Resp: 715
Ion Ratio Lower Upper
64 100
66 10.3 23.6 43.8#

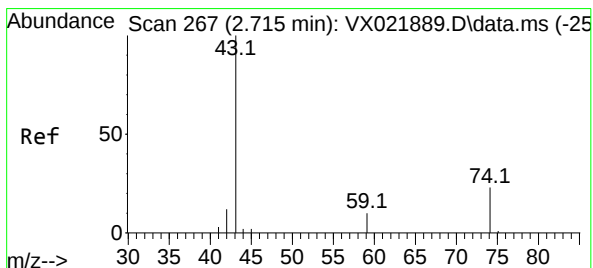
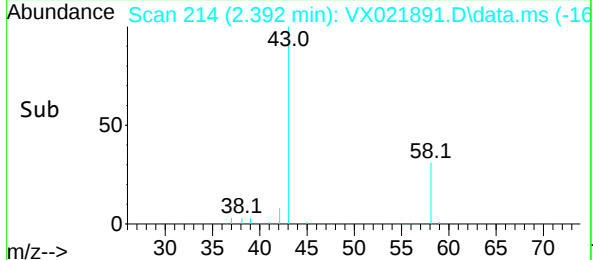
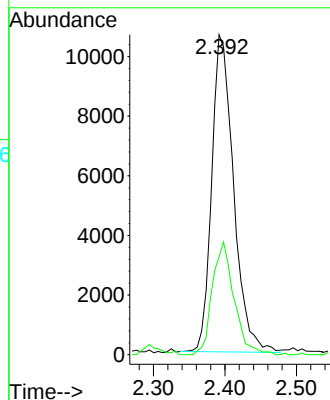
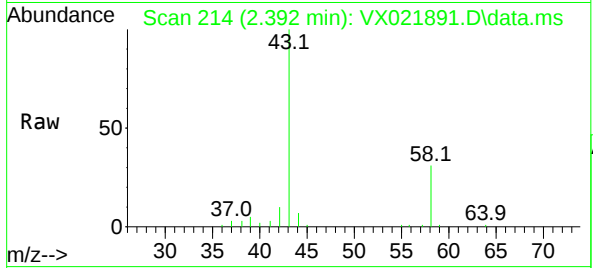




#13
Acetone
Concen: 27.01 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

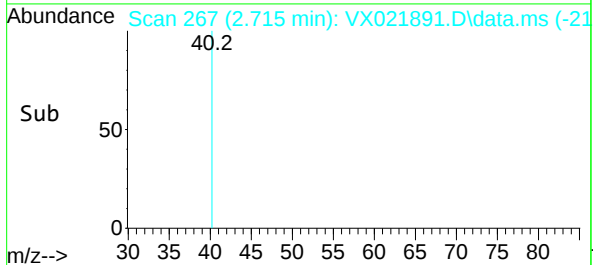
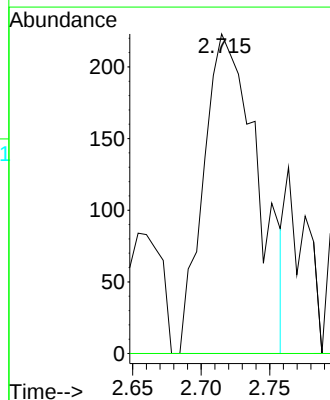
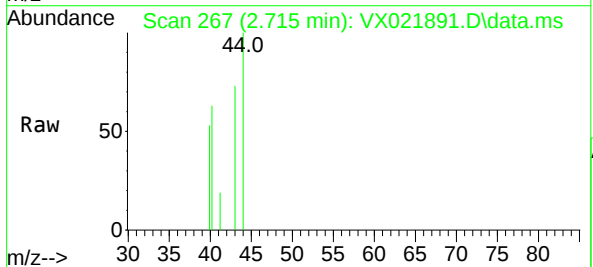
Instrument :
MSVOA_X
ClientSampled :

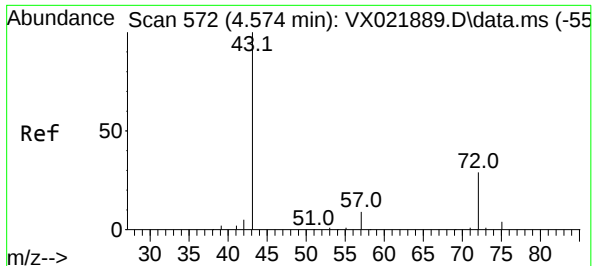
Tgt Ion: 43 Resp: 22597
Ion Ratio Lower Upper
43 100
58 35.3 0.0 66.4



#15
Methyl Acetate
Concen: 0.23 ug/L
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#

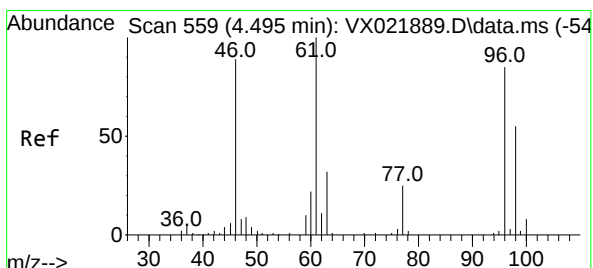
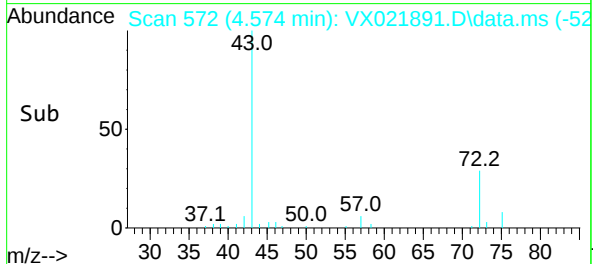
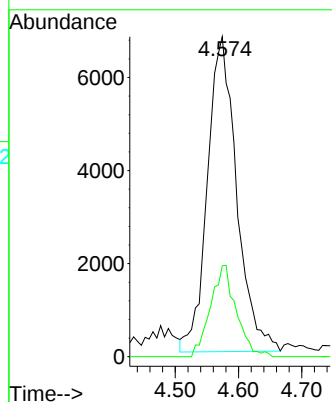
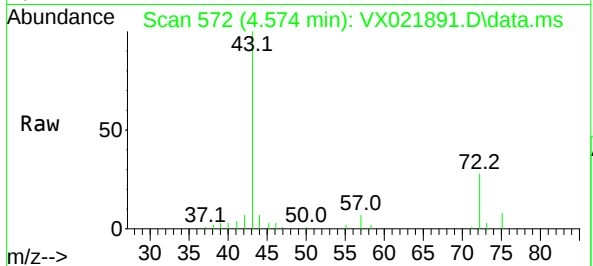




#21
2-Butanone
Concen: 14.13 ug/L
RT: 4.574 min Scan# 572
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

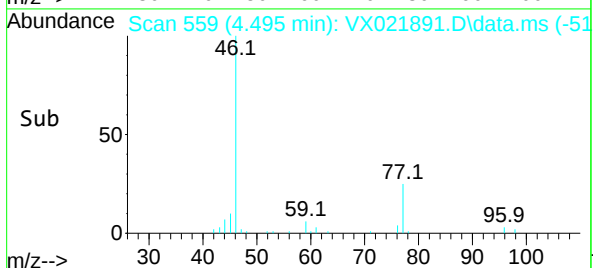
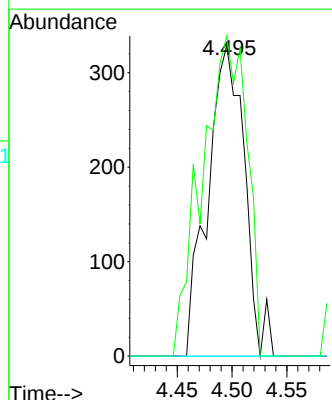
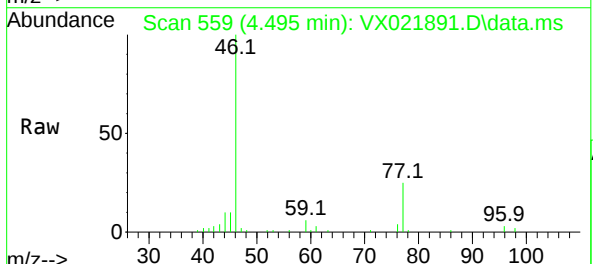
Instrument :
MSVOA_X
ClientSampled :

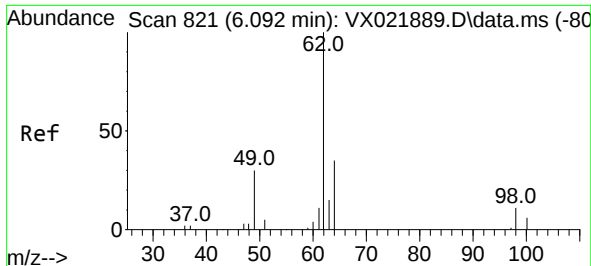
Tgt Ion: 43 Resp: 21769
Ion Ratio Lower Upper
43 100
72 25.5 14.4 43.2



#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 96 Resp: 767
Ion Ratio Lower Upper
96 100
61 103.0 80.9 150.3
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.17 ug/L

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX021891.D

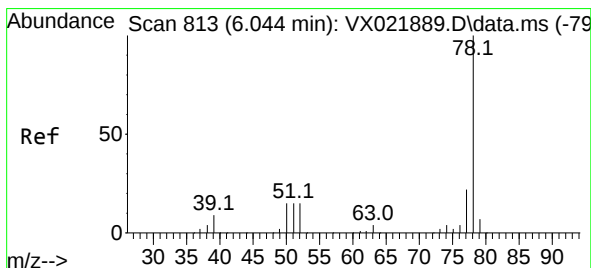
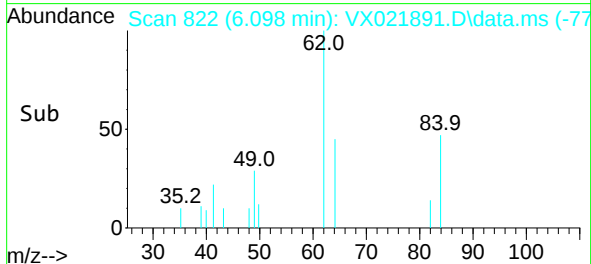
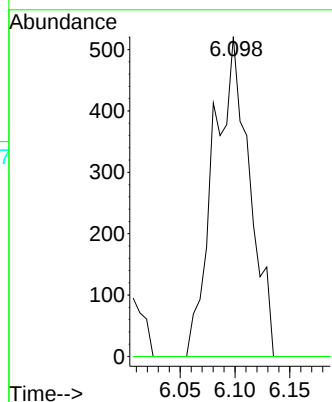
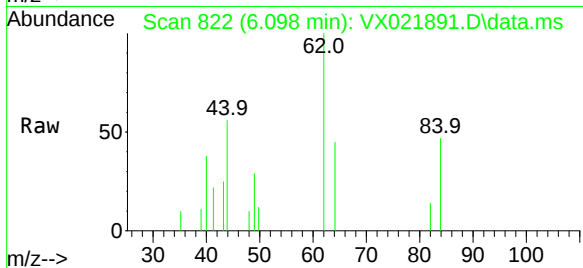
Acq: 11 May 2021 12:08

Tgt Ion: 62 Resp: 1187

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.6#



#33

Benzene

Concen: 0.09 ug/L

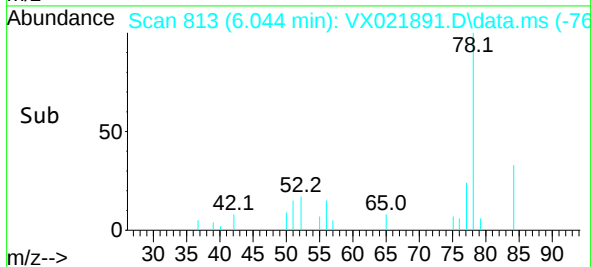
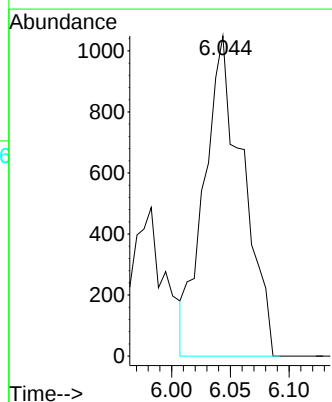
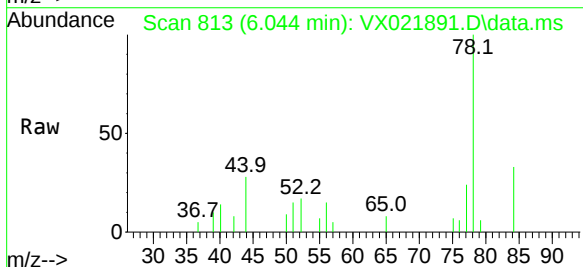
RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

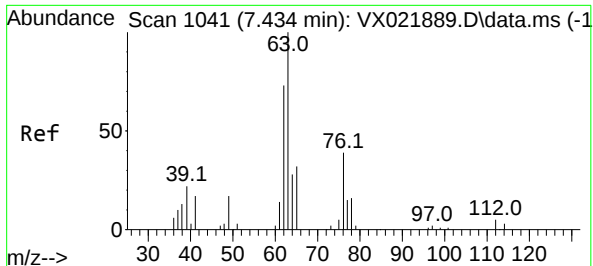
Lab File: VX021891.D

Acq: 11 May 2021 12:08

Tgt Ion: 78 Resp: 2402



Instrument :
MSVOA_X
ClientSampleId :

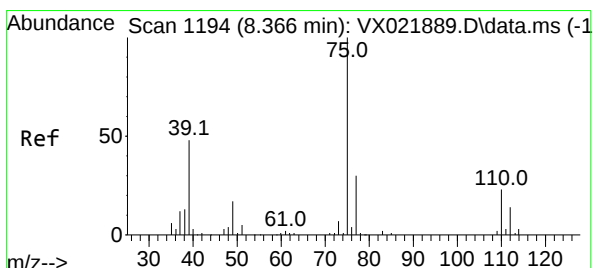
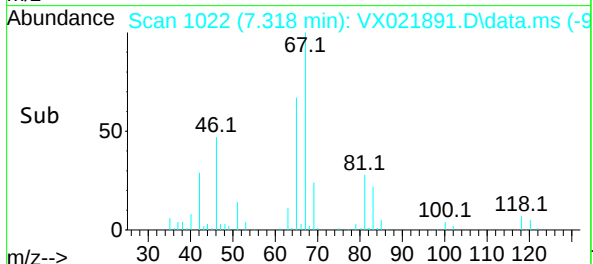
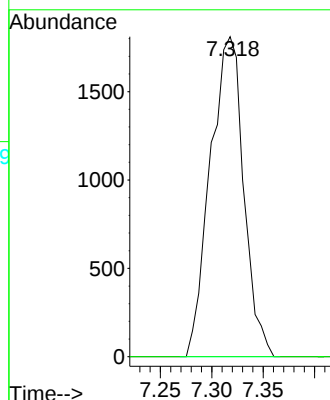
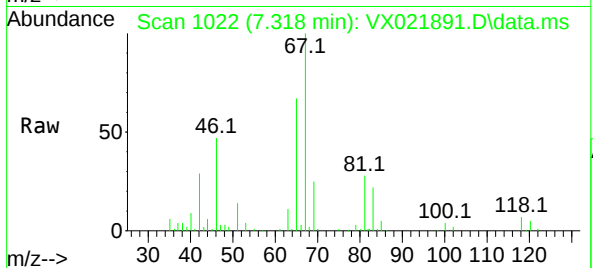


#37

1,2-Dichloropropane
Concen: 0.66 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Instrument :
MSVOA_X
ClientSampled :

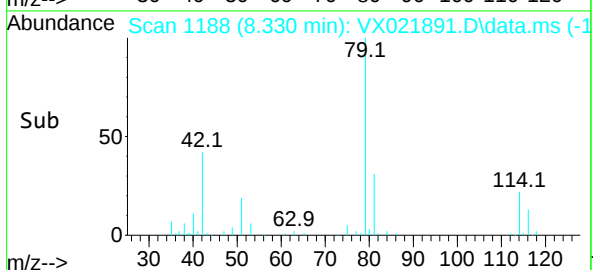
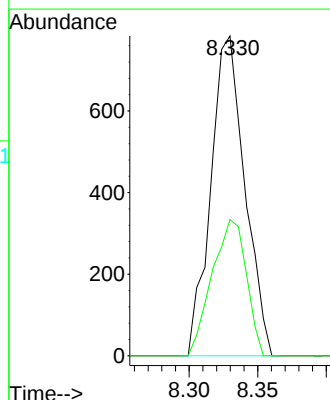
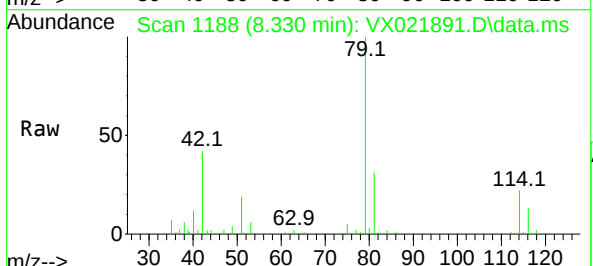
Tgt Ion: 63 Resp: 4094
Ion Ratio Lower Upper
63 100
112 1.5 4.1 6.1#

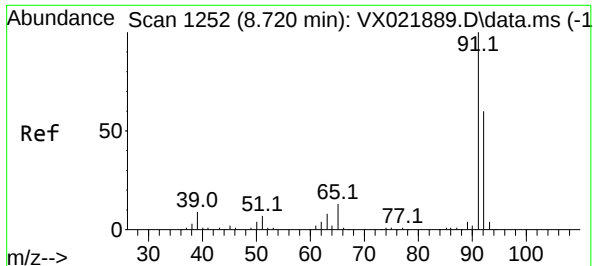


#39

cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 75 Resp: 1354
Ion Ratio Lower Upper
75 100
77 42.6 21.3 39.5#





#42

Toluene

Concen: 0.15 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX021891.D

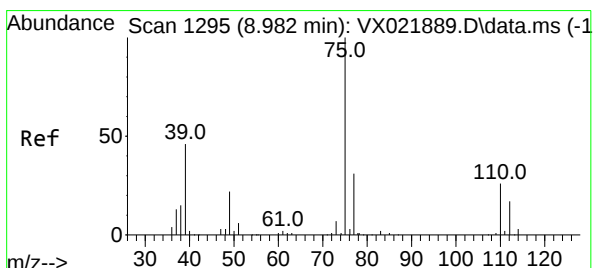
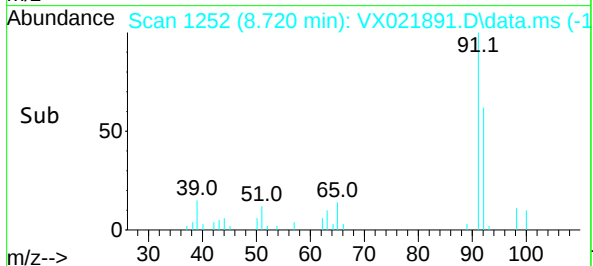
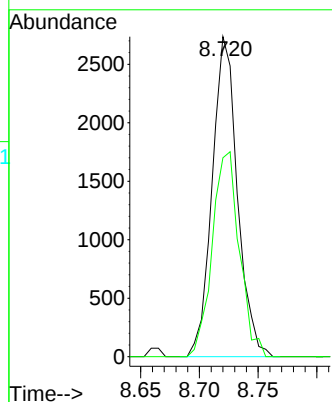
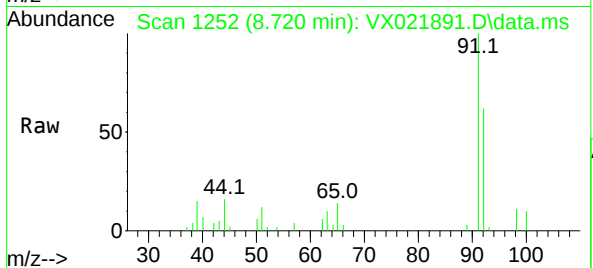
Acq: 11 May 2021 12:08

Tgt Ion: 91 Resp: 4090

Ion Ratio Lower Upper

91 100

92 62.1 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.10 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX021891.D

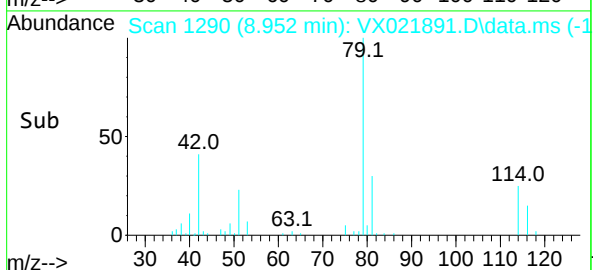
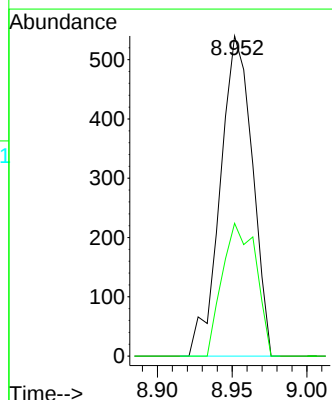
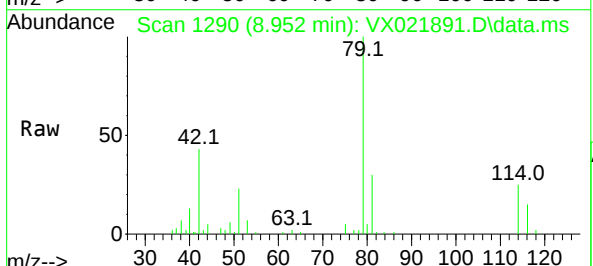
Acq: 11 May 2021 12:08

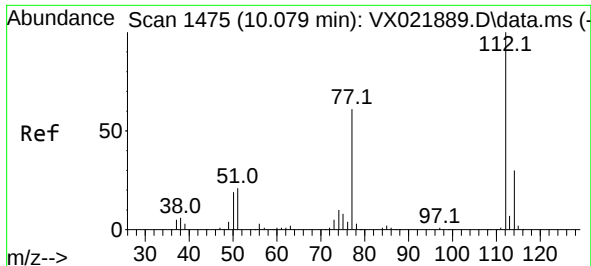
Tgt Ion: 75 Resp: 809

Ion Ratio Lower Upper

75 100

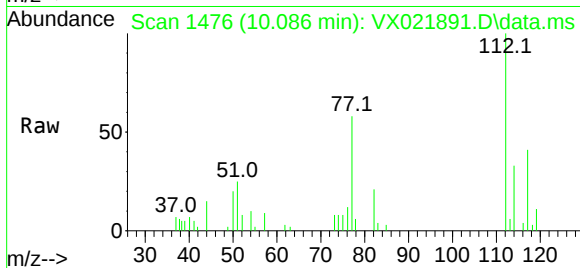
77 41.5 21.6 40.0#



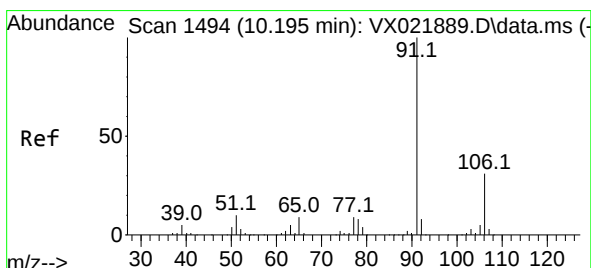
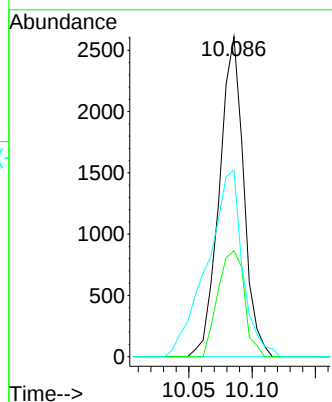
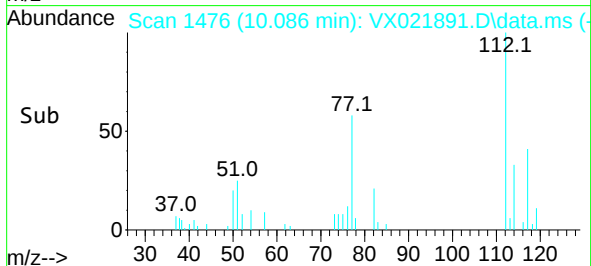


#51
Chlorobenzene
Concen: 0.21 ug/L
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

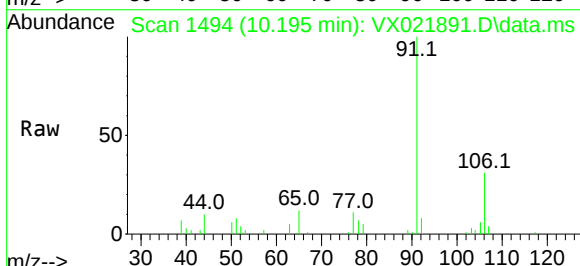
Instrument :
MSVOA_X
ClientSampled :



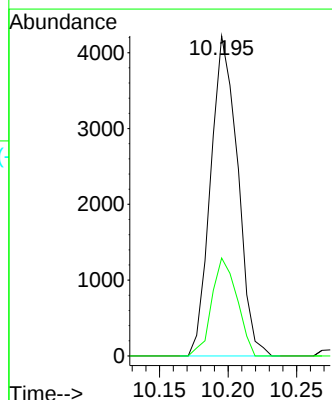
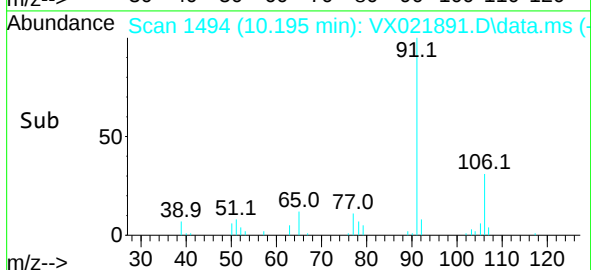
Tgt Ion:112 Resp: 3485
Ion Ratio Lower Upper
112 100
114 33.1 22.4 41.6
77 58.3 46.4 69.6

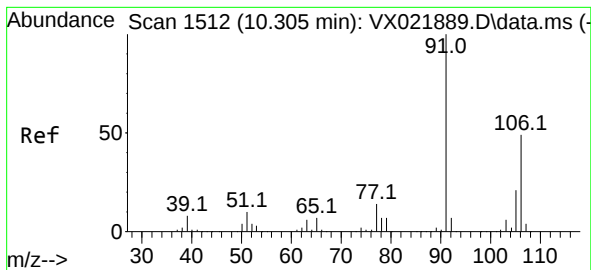


#52
Ethylbenzene
Concen: 0.19 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08



Tgt Ion: 91 Resp: 5783
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0

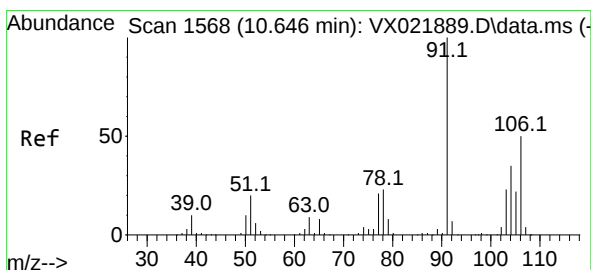
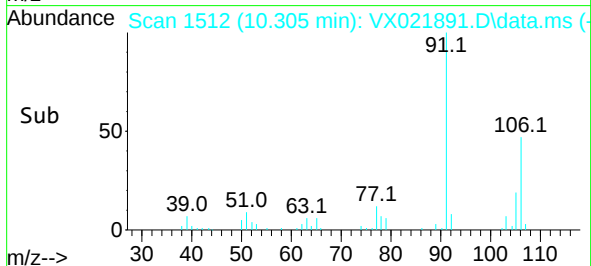
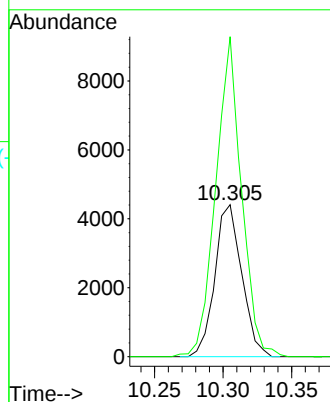
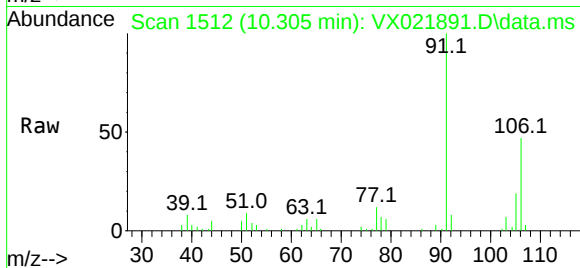




#53
m,p-xylene
Concen: 0.52 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

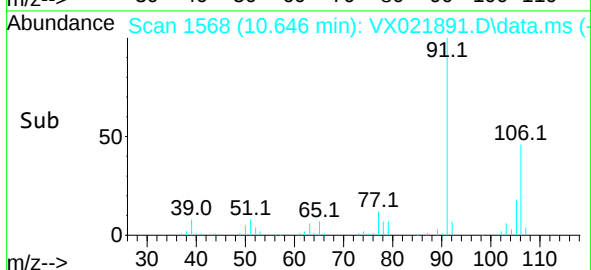
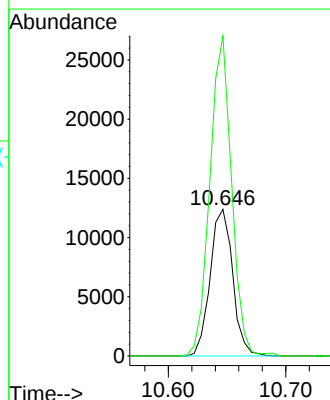
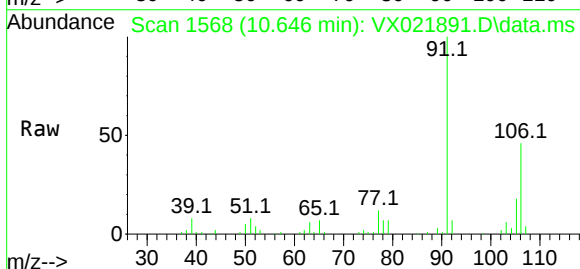
Instrument :
MSVOA_X
ClientSampled :

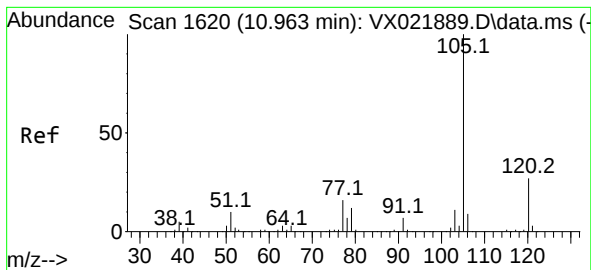
Tgt Ion:106 Resp: 6017
Ion Ratio Lower Upper
106 100
91 210.6 141.7 263.3



#54
o-xylene
Concen: 1.47 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion:106 Resp: 16499
Ion Ratio Lower Upper
106 100
91 218.4 142.0 263.8

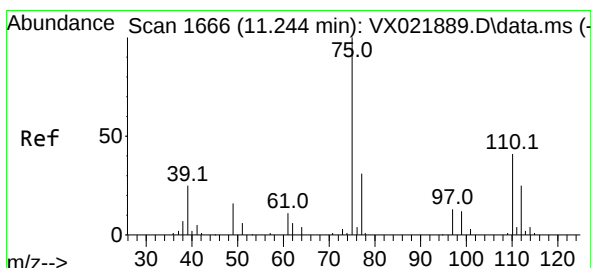
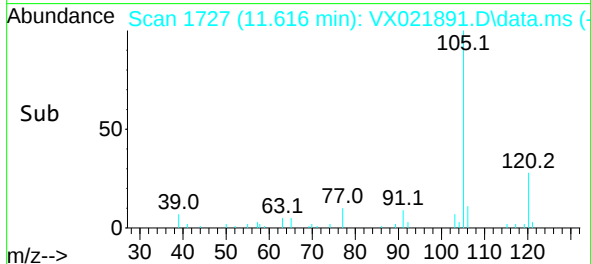
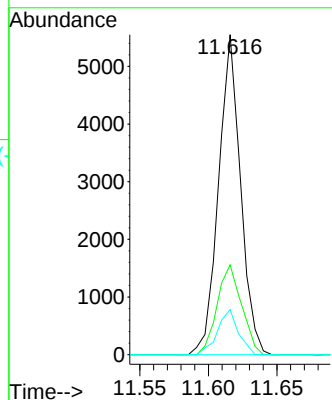
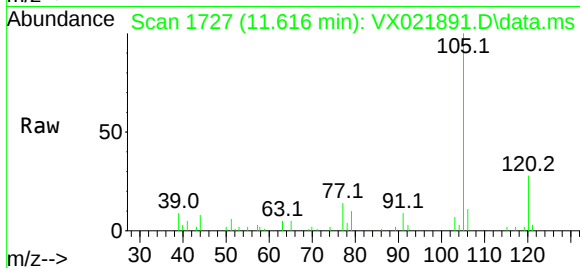




#60
Isopropylbenzene
Concen: 0.21 ug/L
RT: 11.616 min Scan# 1727
Delta R.T. 0.652 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

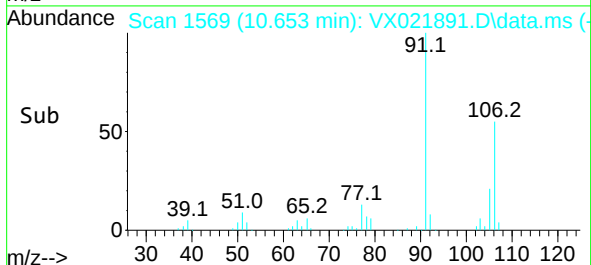
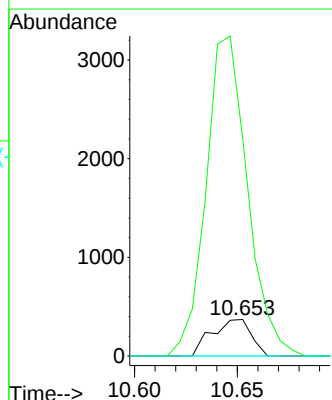
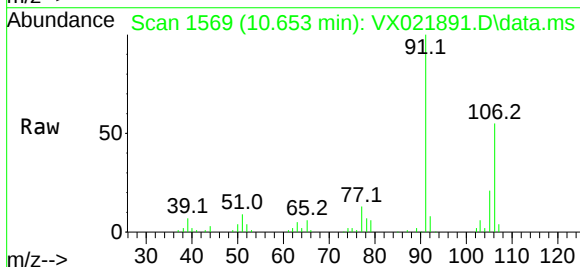
Instrument :
MSVOA_X
ClientSampled :

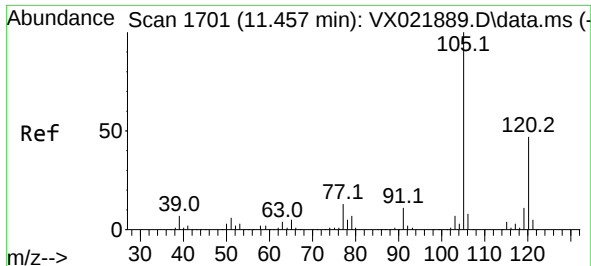
Tgt Ion:105 Resp: 6179
Ion Ratio Lower Upper
105 100
120 31.2 21.0 31.6
77 13.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.14 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. -0.591 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion: 75 Resp: 492
Ion Ratio Lower Upper
75 100
77 924.0 24.6 37.0#
110 0.0 32.3 48.5#

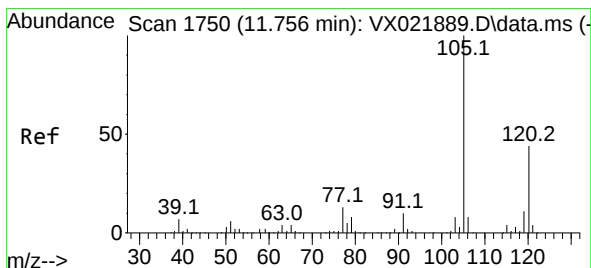
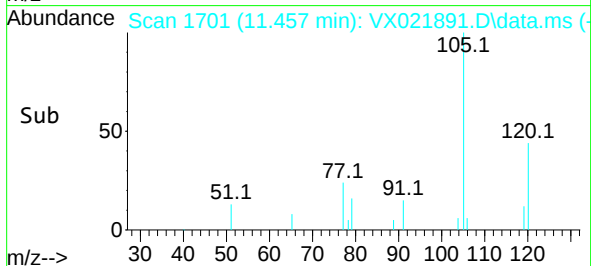
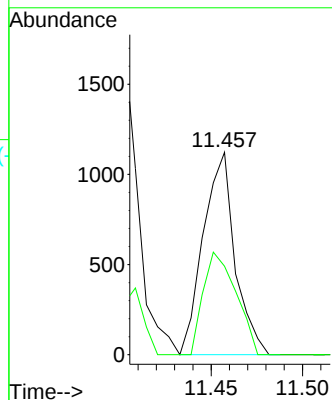
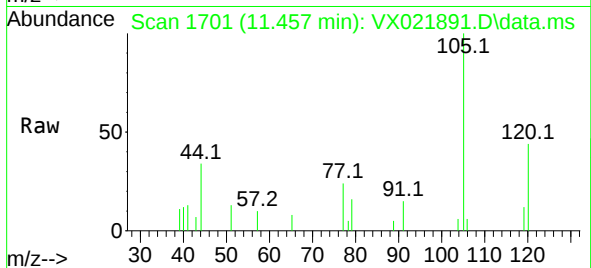




#62
1,3,5-Trimethylbenzene
Concen: 0.05 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

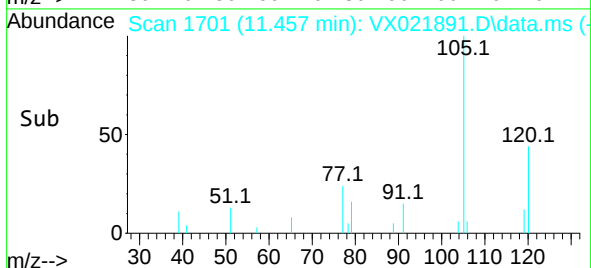
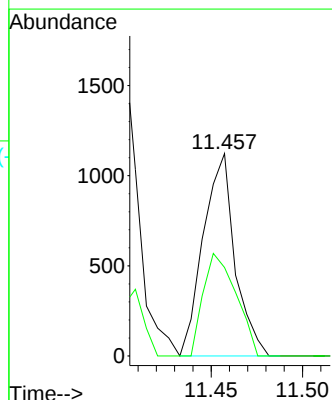
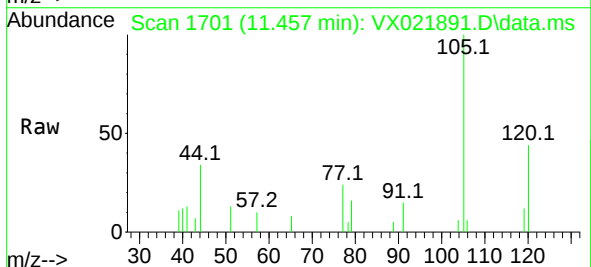
Instrument :
MSVOA_X
ClientSampled :

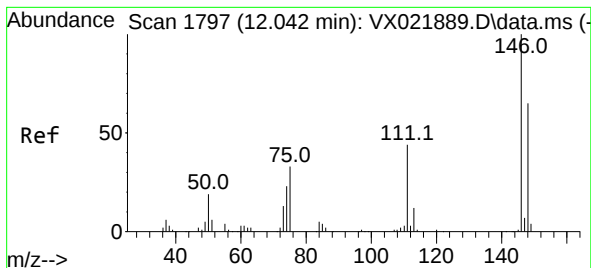
Tgt Ion:105 Resp: 1353
Ion Ratio Lower Upper
105 100
120 52.6 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 0.05 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.299 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion:105 Resp: 1353
Ion Ratio Lower Upper
105 100
120 52.6 36.4 54.6

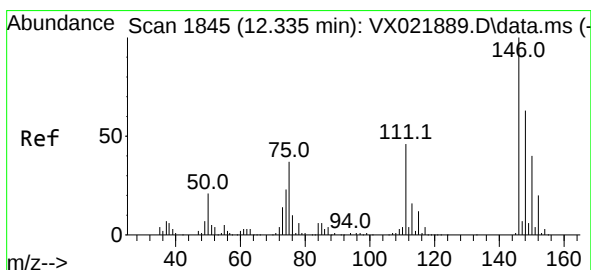
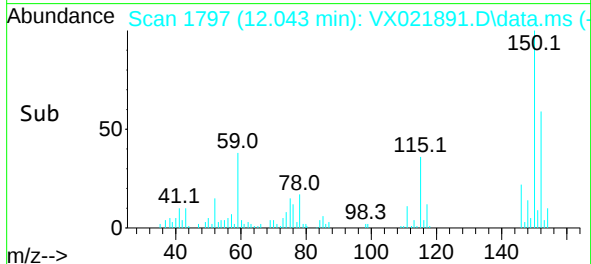
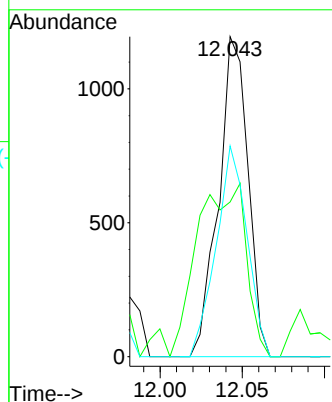
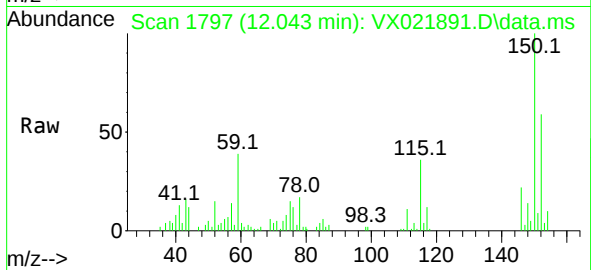




#65
1,4-Dichlorobenzene
Concen: 0.12 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

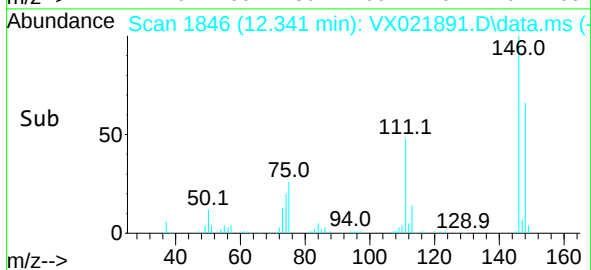
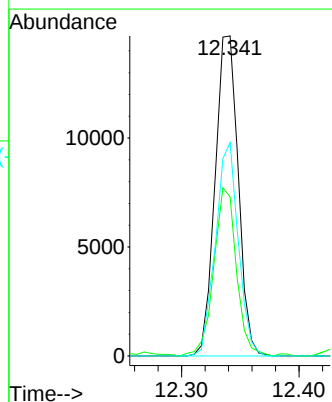
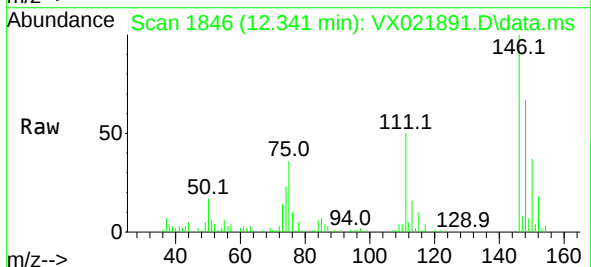
Instrument :
MSVOA_X
ClientSampled :

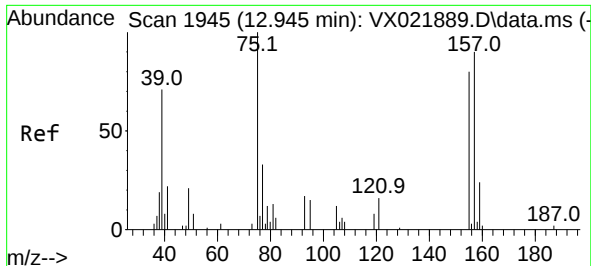
Tgt Ion:146 Resp: 1484
Ion Ratio Lower Upper
146 100
111 48.4 30.4 56.5
148 65.9 43.2 80.2



#67
1,2-Dichlorobenzene
Concen: 1.78 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

Tgt Ion:146 Resp: 20084
Ion Ratio Lower Upper
146 100
111 49.7 36.2 54.2
148 66.7 49.6 74.4

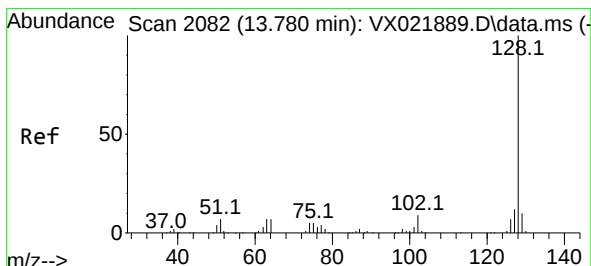
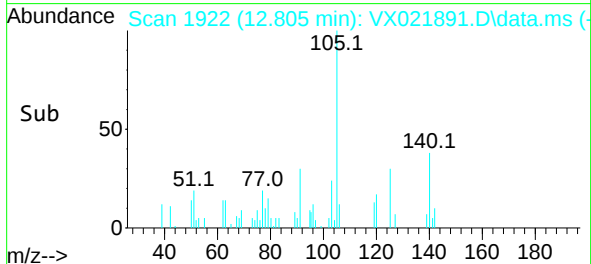
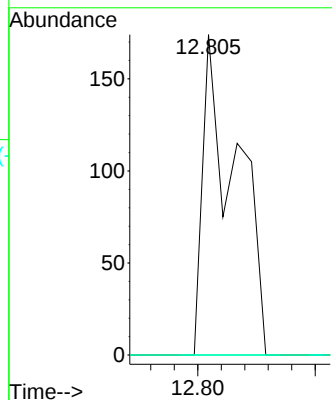
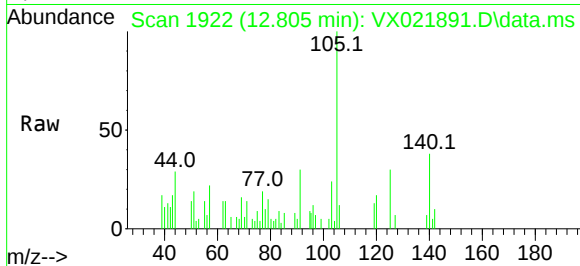




#68
1,2-Dibromo-3-chloropropane
Concen: 0.20 ug/L
RT: 12.805 min Scan# 1922
Delta R.T. -0.140 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

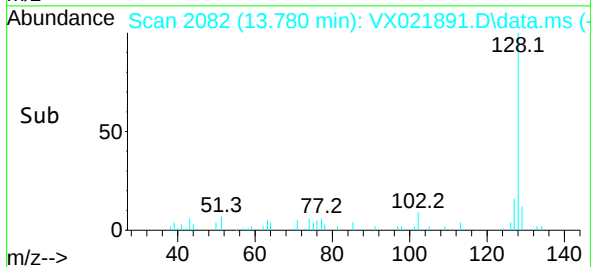
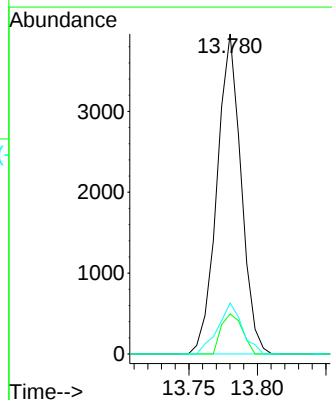
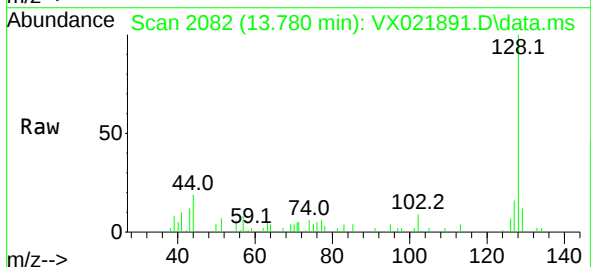
Instrument :
MSVOA_X
ClientSampled :

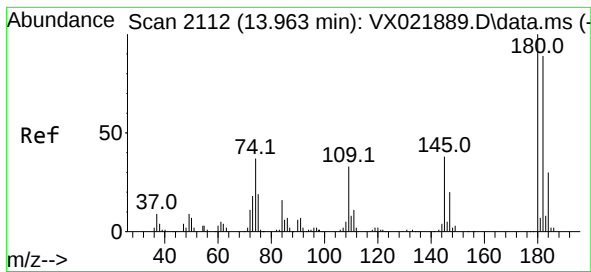
Tgt Ion: 75 Resp: 172
Ion Ratio Lower Upper
75 100
155 0.0 58.5 87.7#
157 0.0 68.6 103.0#



#71
Naphthalene
Concen: 0.30 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021891.D
Acq: 11 May 2021 12:08

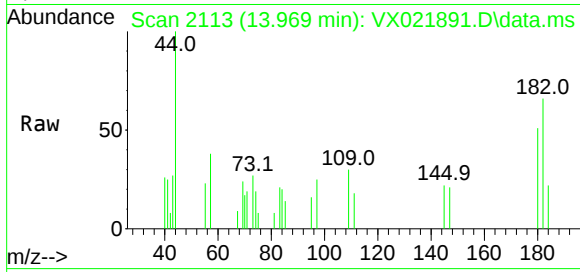
Tgt Ion: 128 Resp: 4830
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 16.1 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.06 ug/L
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX021891.D
 Acq: 11 May 2021 12:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 424
 Ion Ratio Lower Upper
 180 100
 182 131.1 75.3 112.9#
 145 36.3 30.3 45.5

