

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021899.D
 Acq On : 11 May 2021 15:14
 Operator : JC/MD
 Sample : M2337-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:40:59 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	80810	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	72491	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33885	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30590	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.672	69	25982	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.307	63	39787	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.471	46	79937	50.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.10%
24) Chloroform-d	5.068	84	54338	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.964	65	29234	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.983	84	116428	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	7.312	67	35833	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	8.653	98	104948	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	8.952	79	15305	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	9.391	63	69101	48.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.72%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27772	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	34428	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	1228	0.15	ug/L #	66
8) Chloroethane	1.691	64	1948	0.41	ug/L	83
12) 1,1-Dichloroethene	2.319	96	873	0.15	ug/L #	1
17) Methyl tert-butyl Ether	3.123	73	1849	0.13	ug/L #	65
19) 1,1-Dichloroethane	3.611	63	2302	0.21	ug/L #	85
22) cis-1,2-Dichloroethene	4.495	96	3922	0.58	ug/L	80
33) Benzene	6.044	78	2465	0.10	ug/L	100
34) Trichloroethene	7.135	95	1289	0.20	ug/L	93
35) Methylcyclohexane	7.312	83	8631	0.77	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	4206	0.69	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1047	0.11	ug/L #	50
44) trans-1,3-Dichloropropene	8.952	75	683	0.09	ug/L #	41
60) Isopropylbenzene	10.970	105	651	0.02	ug/L #	82
61) 1,2,3-Trichloropropane	12.024	75	5189	1.48	ug/L #	64
62) 1,3,5-Trimethylbenzene	11.457	105	162	0.01	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	510	0.02	ug/L	92

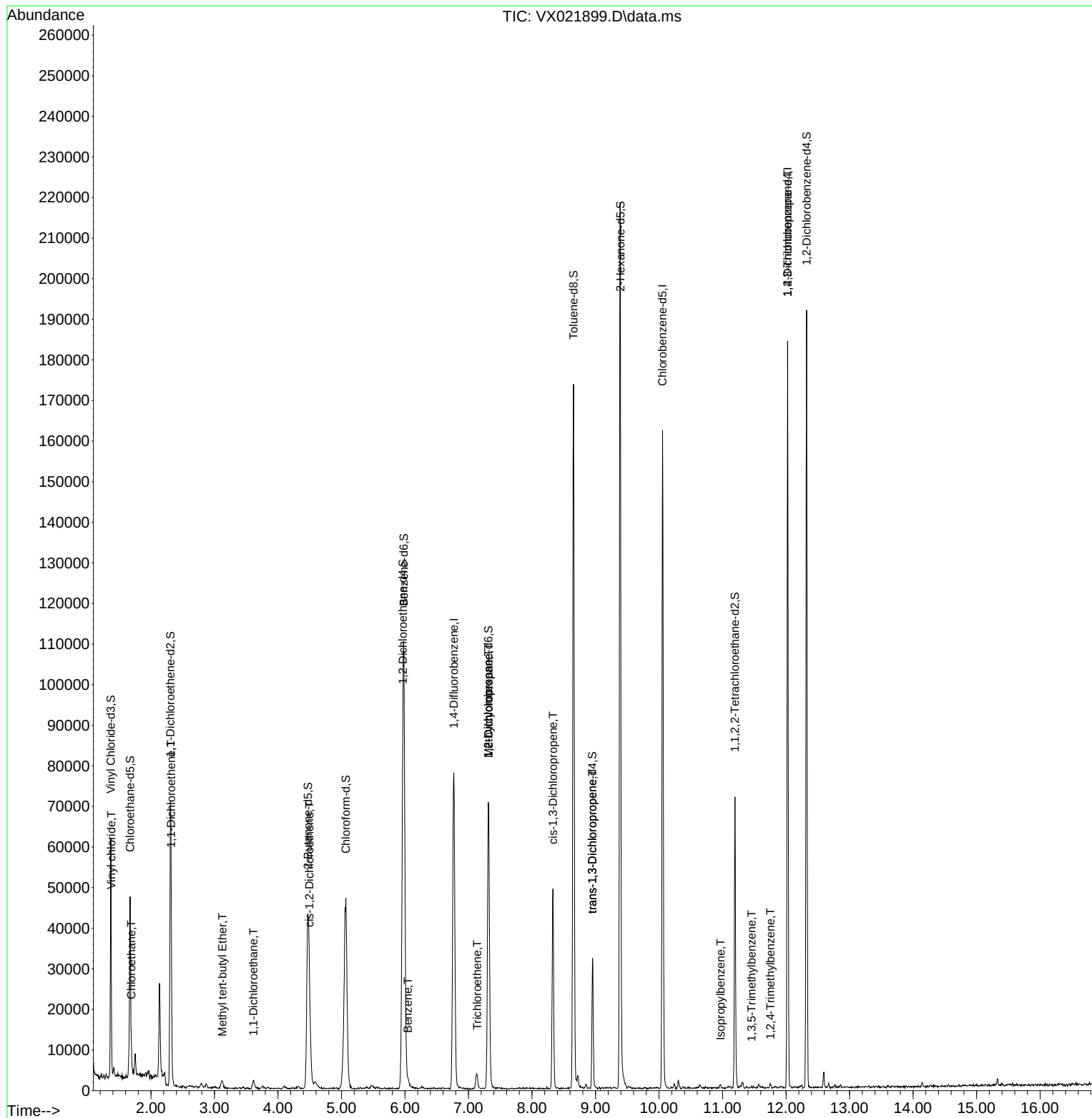
(#) = qualifier out of range (m) = manual integration (+) = signals summed

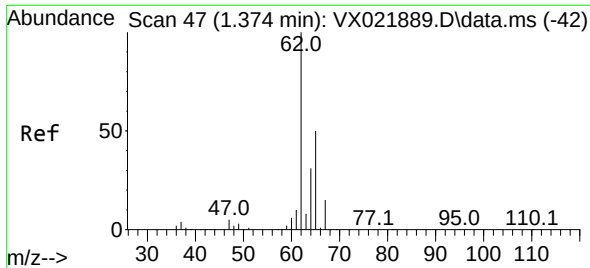
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
Data File : VX021899.D
Acq On : 11 May 2021 15:14
Operator : JC/MD
Sample : M2337-02
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 12 03:40:59 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

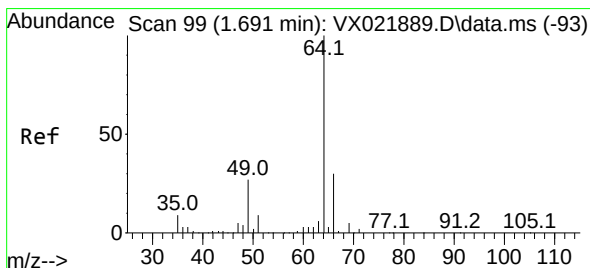
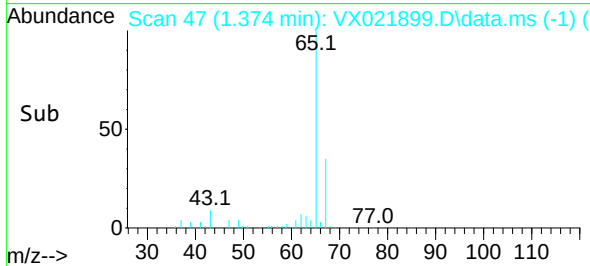
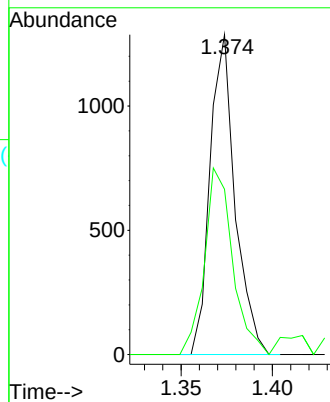
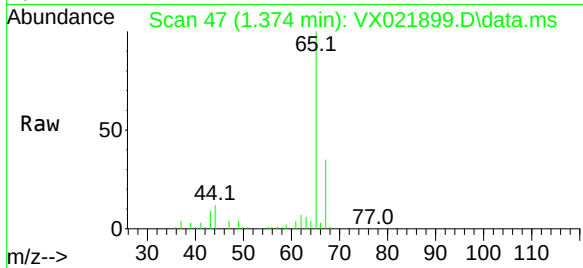




#5
 Vinyl chloride
 Concen: 0.15 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX021899.D
 Acq: 11 May 2021 15:14

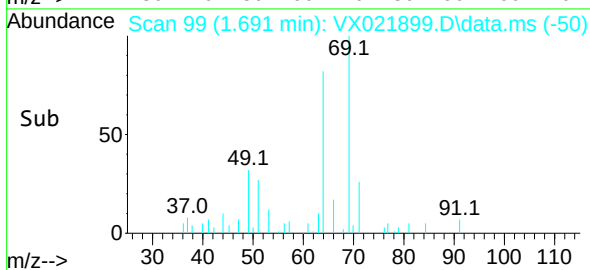
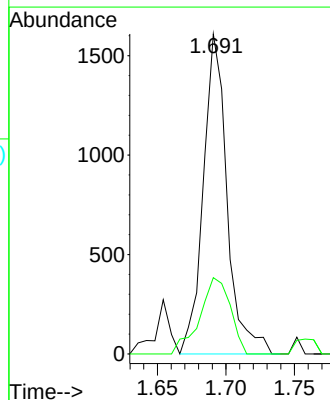
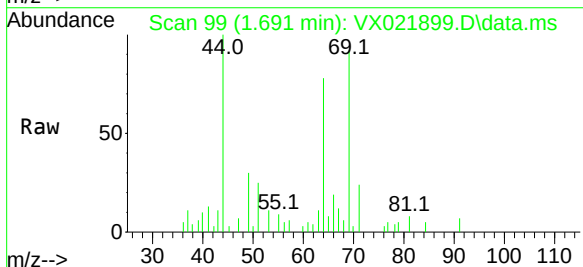
Instrument :
 MSVOA_X
 ClientSampled :

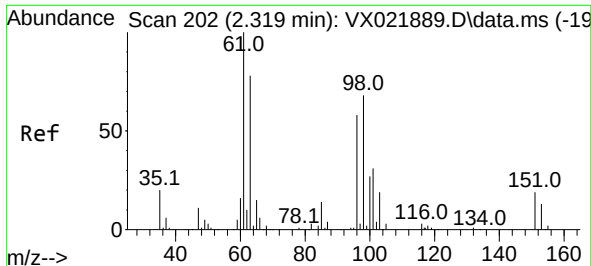
Tgt Ion: 62 Resp: 1228
 Ion Ratio Lower Upper
 62 100
 64 51.7 22.7 42.1#



#8
 Chloroethane
 Concen: 0.41 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VX021899.D
 Acq: 11 May 2021 15:14

Tgt Ion: 64 Resp: 1948
 Ion Ratio Lower Upper
 64 100
 66 23.9 23.6 43.8





#12

1,1-Dichloroethene

Concen: 0.15 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

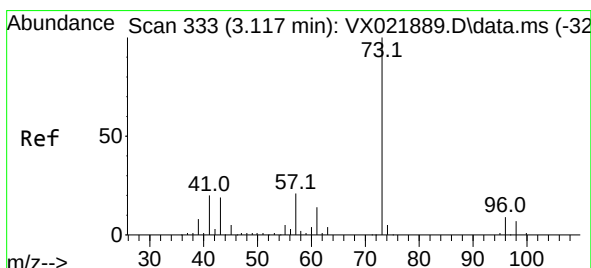
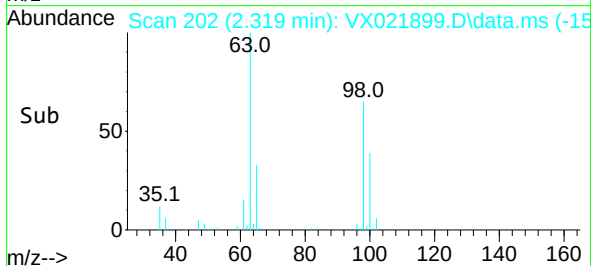
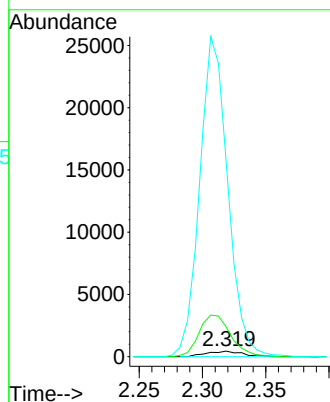
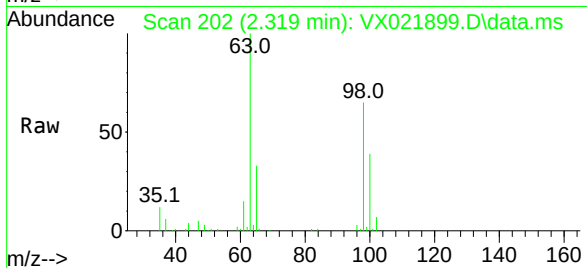
Lab File: VX021899.D

Acq: 11 May 2021 15:14

Tgt Ion: 96 Resp: 873

Ion	Ratio	Lower	Upper
96	100		
61	528.1	106.3	197.3#
63	3470.6	65.0	120.8#

Instrument :
MSVOA_X
ClientSampled :



#17

Methyl tert-butyl Ether

Concen: 0.13 ug/L

RT: 3.123 min Scan# 334

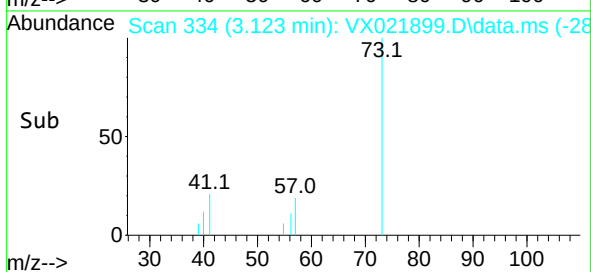
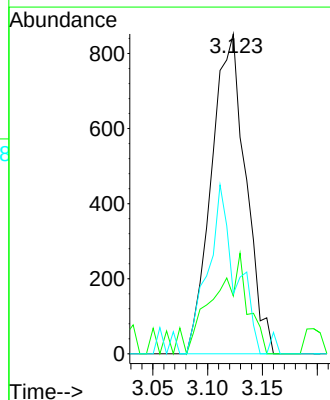
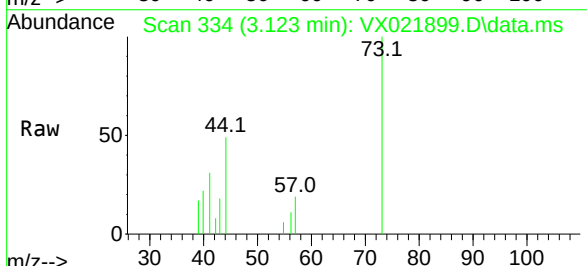
Delta R.T. 0.006 min

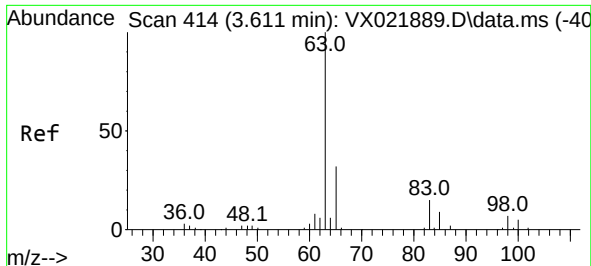
Lab File: VX021899.D

Acq: 11 May 2021 15:14

Tgt Ion: 73 Resp: 1849

Ion	Ratio	Lower	Upper
73	100		
43	31.5	16.5	24.7#
57	43.1	17.1	25.7#





#19

1,1-Dichloroethane

Concen: 0.21 ug/L

RT: 3.611 min Scan# 414

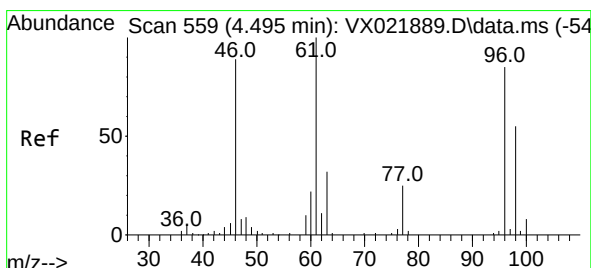
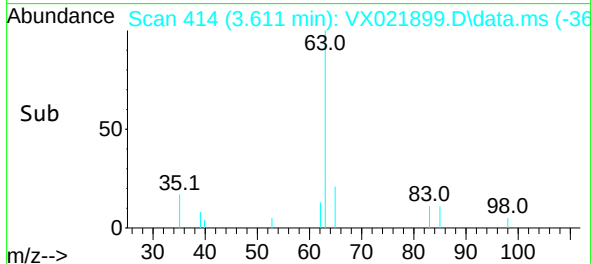
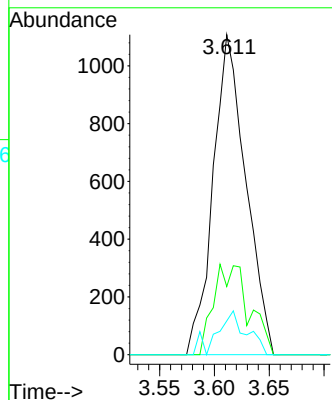
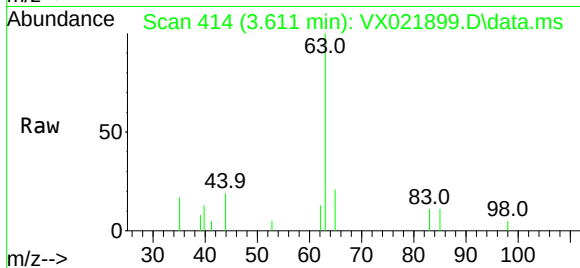
Delta R.T. 0.000 min

Lab File: VX021899.D

Acq: 11 May 2021 15:14

Tgt Ion:	63	Resp:	2302
Ion	Ratio	Lower	Upper
63	100		
65	21.3	22.5	41.9#
83	10.6	8.7	16.1

Instrument :
MSVOA_X
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 0.58 ug/L

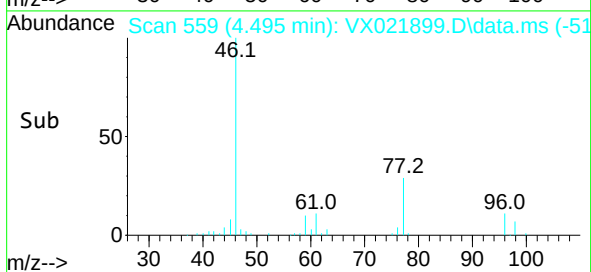
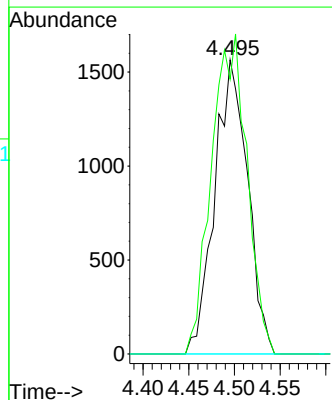
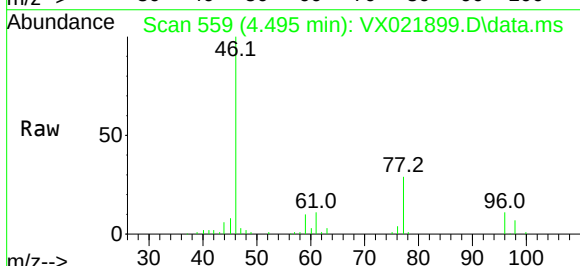
RT: 4.495 min Scan# 559

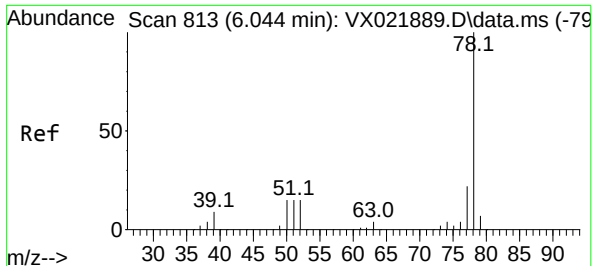
Delta R.T. 0.000 min

Lab File: VX021899.D

Acq: 11 May 2021 15:14

Tgt Ion:	96	Resp:	3922
Ion	Ratio	Lower	Upper
96	100		
61	93.4	80.9	150.3
68	0.0	0.0	0.0

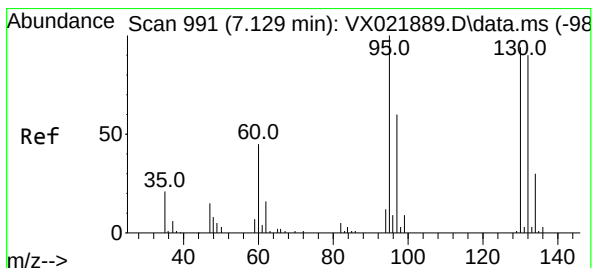
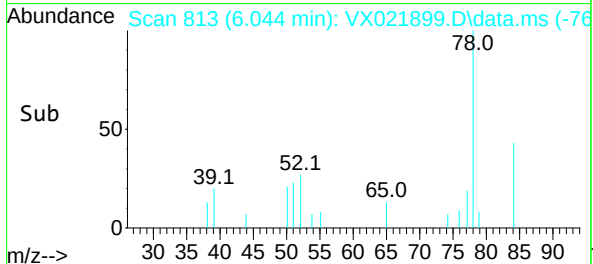
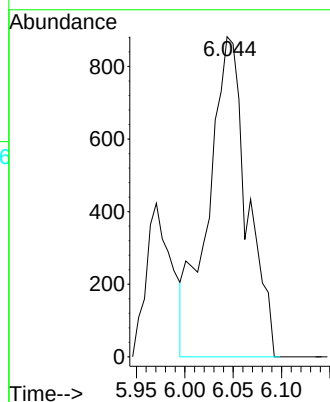
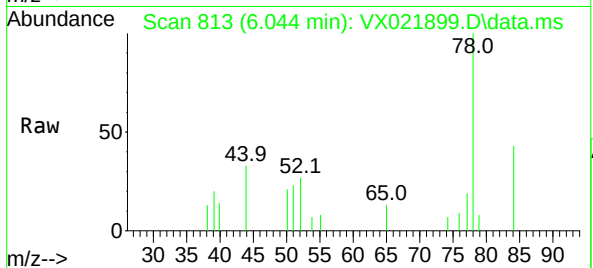




#33
Benzene
Concen: 0.10 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX021899.D
Acq: 11 May 2021 15:14

Instrument :
MSVOA_X
ClientSampled :

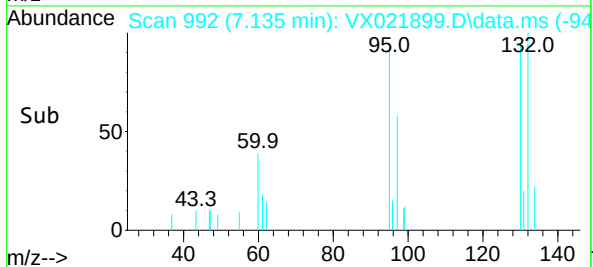
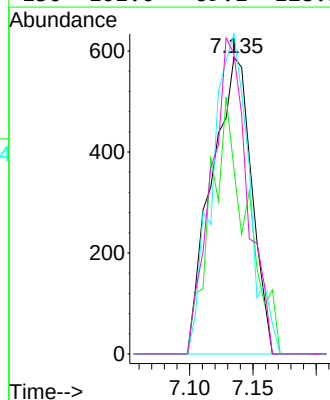
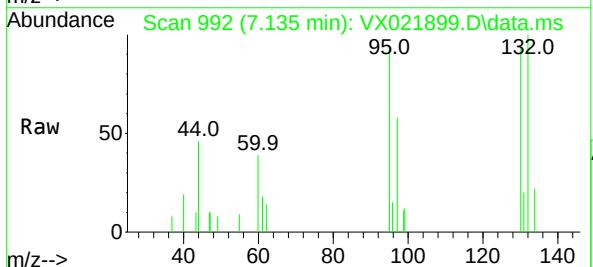
Tgt Ion: 78 Resp: 2465

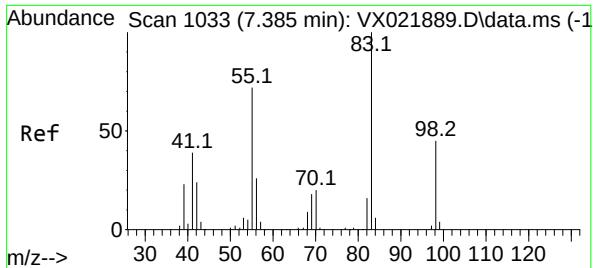


#34
Trichloroethene
Concen: 0.20 ug/L
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX021899.D
Acq: 11 May 2021 15:14

Tgt Ion: 95 Resp: 1289

Ion	Ratio	Lower	Upper
95	100		
97	62.2	48.6	90.2
132	107.8	67.3	125.1
130	101.0	69.1	128.3

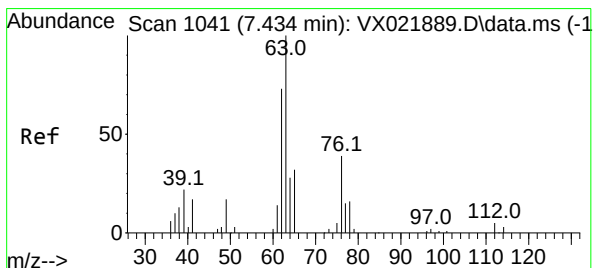
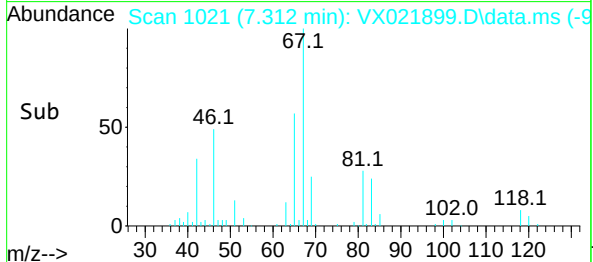
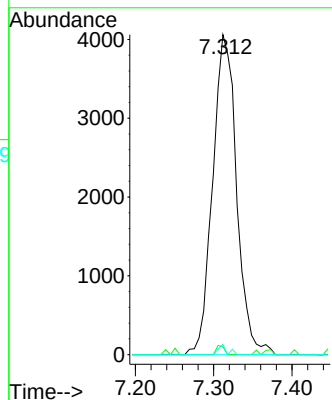
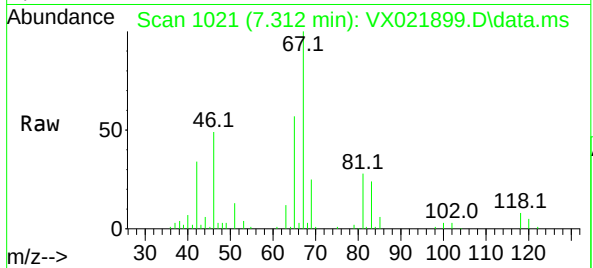




#35
Methylcyclohexane
Concen: 0.77 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX021899.D
Acq: 11 May 2021 15:14

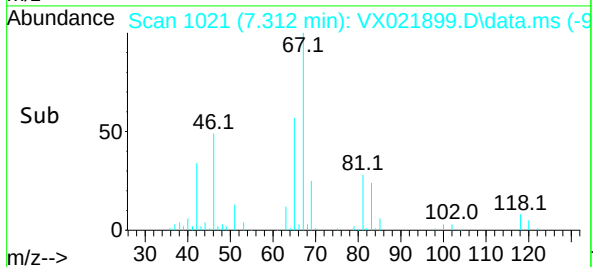
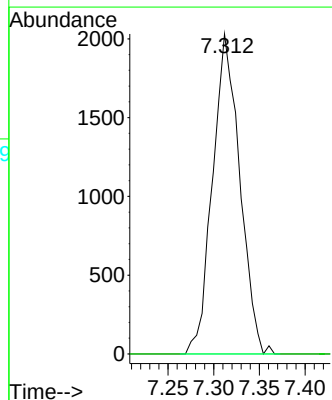
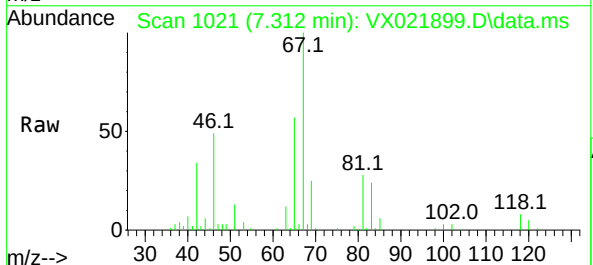
Instrument :
MSVOA_X
ClientSampled :

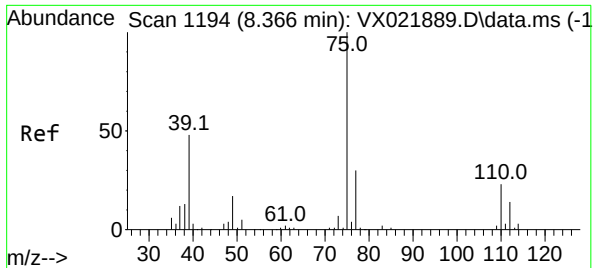
Tgt Ion: 83 Resp: 8631
Ion Ratio Lower Upper
83 100
55 0.9 60.3 90.5#
98 1.1 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.69 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX021899.D
Acq: 11 May 2021 15:14

Tgt Ion: 63 Resp: 4206
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

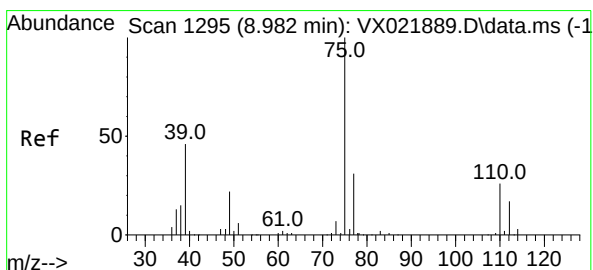
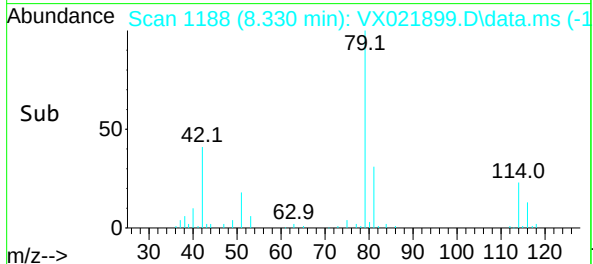
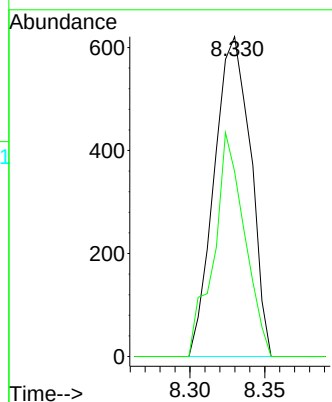
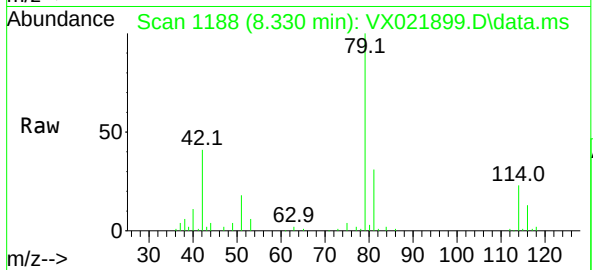




#39
 cis-1,3-Dichloropropene
 Concen: 0.11 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.037 min
 Lab File: VX021899.D
 Acq: 11 May 2021 15:14

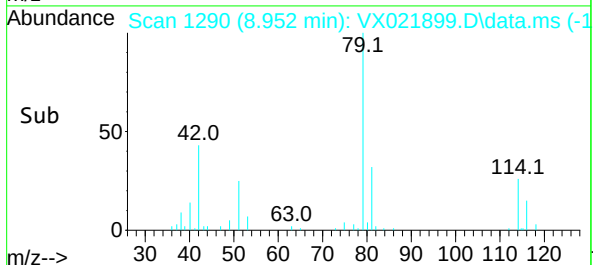
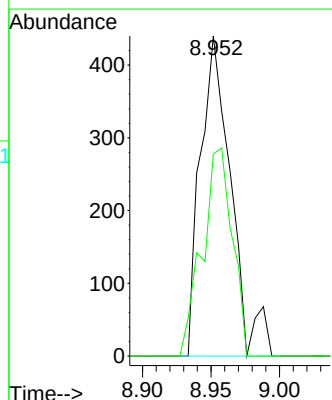
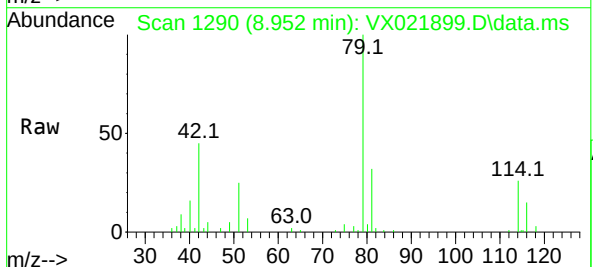
Instrument :
 MSVOA_X
 ClientSampled :

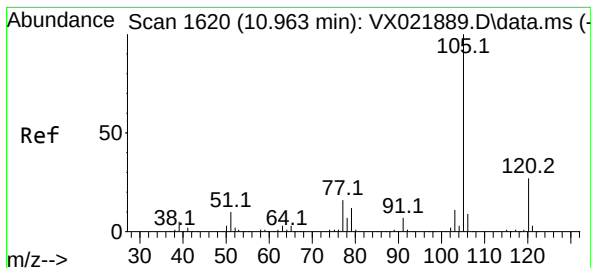
Tgt Ion: 75 Resp: 1047
 Ion Ratio Lower Upper
 75 100
 77 57.8 21.3 39.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 8.952 min Scan# 1290
 Delta R.T. -0.030 min
 Lab File: VX021899.D
 Acq: 11 May 2021 15:14

Tgt Ion: 75 Resp: 683
 Ion Ratio Lower Upper
 75 100
 77 63.2 21.6 40.0#





#60

Isopropylbenzene

Concen: 0.02 ug/L

RT: 10.970 min Scan# 1621

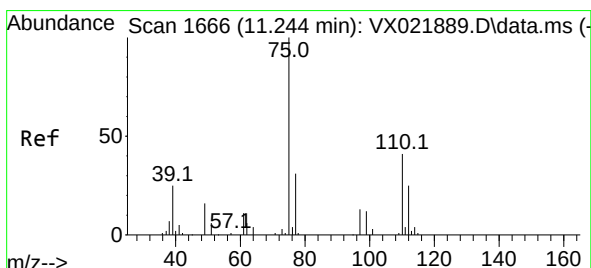
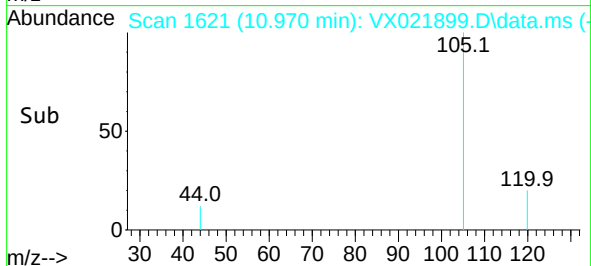
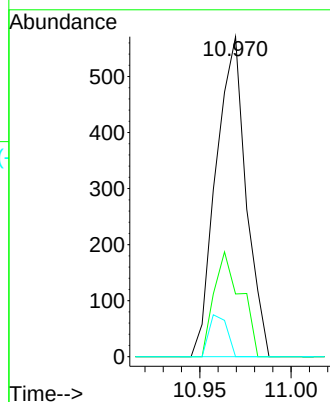
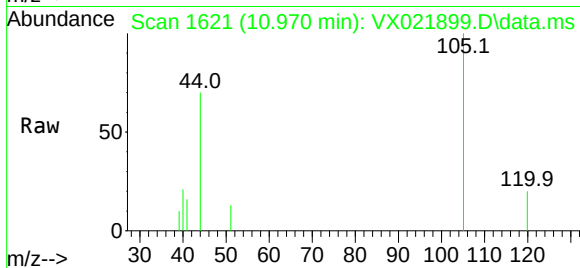
Delta R.T. 0.006 min

Lab File: VX021899.D

Acq: 11 May 2021 15:14

Tgt Ion:	105	Resp:	651
Ion	Ratio	Lower	Upper
105	100		
120	29.5	21.0	31.6
77	0.0	12.4	18.6#

Instrument :
MSVOA_X
ClientSampleId :



#61

1,2,3-Trichloropropane

Concen: 1.48 ug/L

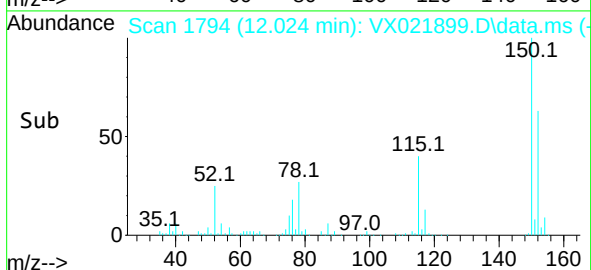
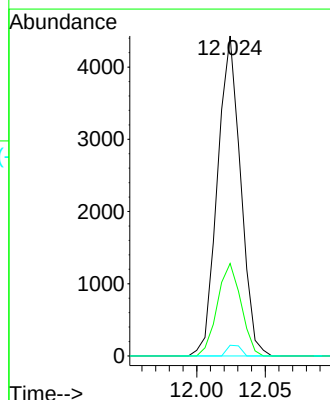
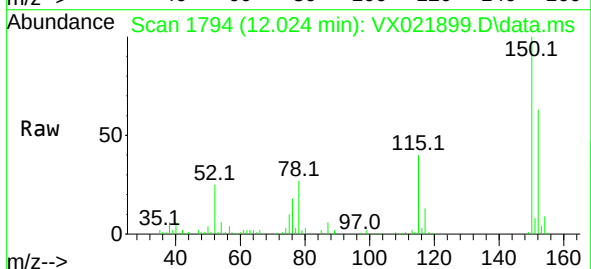
RT: 12.024 min Scan# 1794

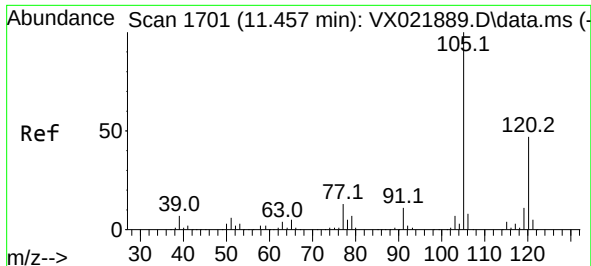
Delta R.T. 0.780 min

Lab File: VX021899.D

Acq: 11 May 2021 15:14

Tgt Ion:	75	Resp:	5189
Ion	Ratio	Lower	Upper
75	100		
77	29.6	24.6	37.0
110	2.0	32.3	48.5#

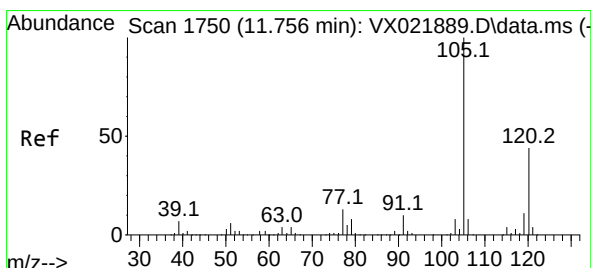
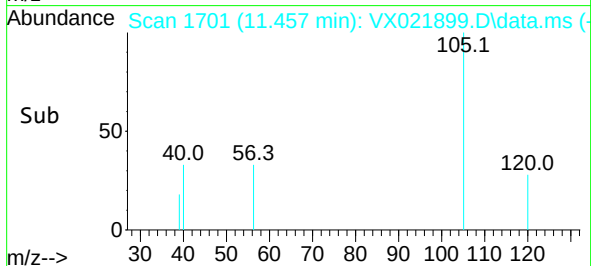
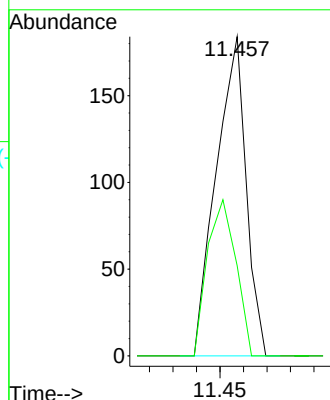
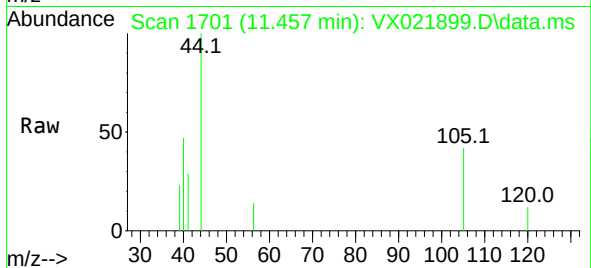




#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021899.D
Acq: 11 May 2021 15:14

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 162
Ion Ratio Lower Upper
105 100
120 46.9 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 0.02 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021899.D
Acq: 11 May 2021 15:14

Tgt Ion:105 Resp: 510
Ion Ratio Lower Upper
105 100
120 40.4 36.4 54.6

