

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021905.D
 Acq On : 11 May 2021 17:30
 Operator : JC/MD
 Sample : M2339-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:42:18 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	6.775	114	81469	5.00	ug/L	0.01
28) Chlorobenzene-d5	10.055	117	73159	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33186	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	28437	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.672	69	24118	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.306	63	37540	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.471	46	75038	47.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.14%
24) Chloroform-d	5.068	84	52033	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.964	65	29645	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.976	84	111850	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	7.318	67	33871	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	8.653	98	101572	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	8.952	79	14683	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	9.384	63	66121	46.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.66%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25838	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
66) 1,2-Dichlorobenzene-d4	12.323	152	32564	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						
9) Trichlorofluoromethane	1.892	101	23699	2.26	ug/L	98
13) Acetone	2.404	43	4525	5.55	ug/L	92
15) Methyl Acetate	2.697	43	775	0.30	ug/L #	52
22) cis-1,2-Dichloroethene	4.489	96	5293	0.77	ug/L	89
23) Bromochloromethane	4.897	128	338	0.13	ug/L #	39
25) Chloroform	5.105	83	1806	0.16	ug/L	83
33) Benzene	6.044	78	2049	0.08	ug/L	100
34) Trichloroethene	7.129	95	36259	5.51	ug/L	95
35) Methylcyclohexane	7.318	83	8225	0.73	ug/L #	19
37) 1,2-Dichloropropane	7.318	63	3946	0.64	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1149	0.12	ug/L #	78
42) Toluene	8.720	91	2355	0.09	ug/L	90
44) trans-1,3-Dichloropropene	8.952	75	753	0.10	ug/L	91
47) Tetrachloroethene	9.275	164	68915	15.69	ug/L	98
49) Dibromochloromethane	9.275	129	71791	14.53	ug/L #	11
60) Isopropylbenzene	11.756	105	432	0.02	ug/L #	1
61) 1,2,3-Trichloropropane	11.079	75	564	0.16	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.457	105	42	0.00	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.756	105	432	0.02	ug/L #	63

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Instrument :
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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

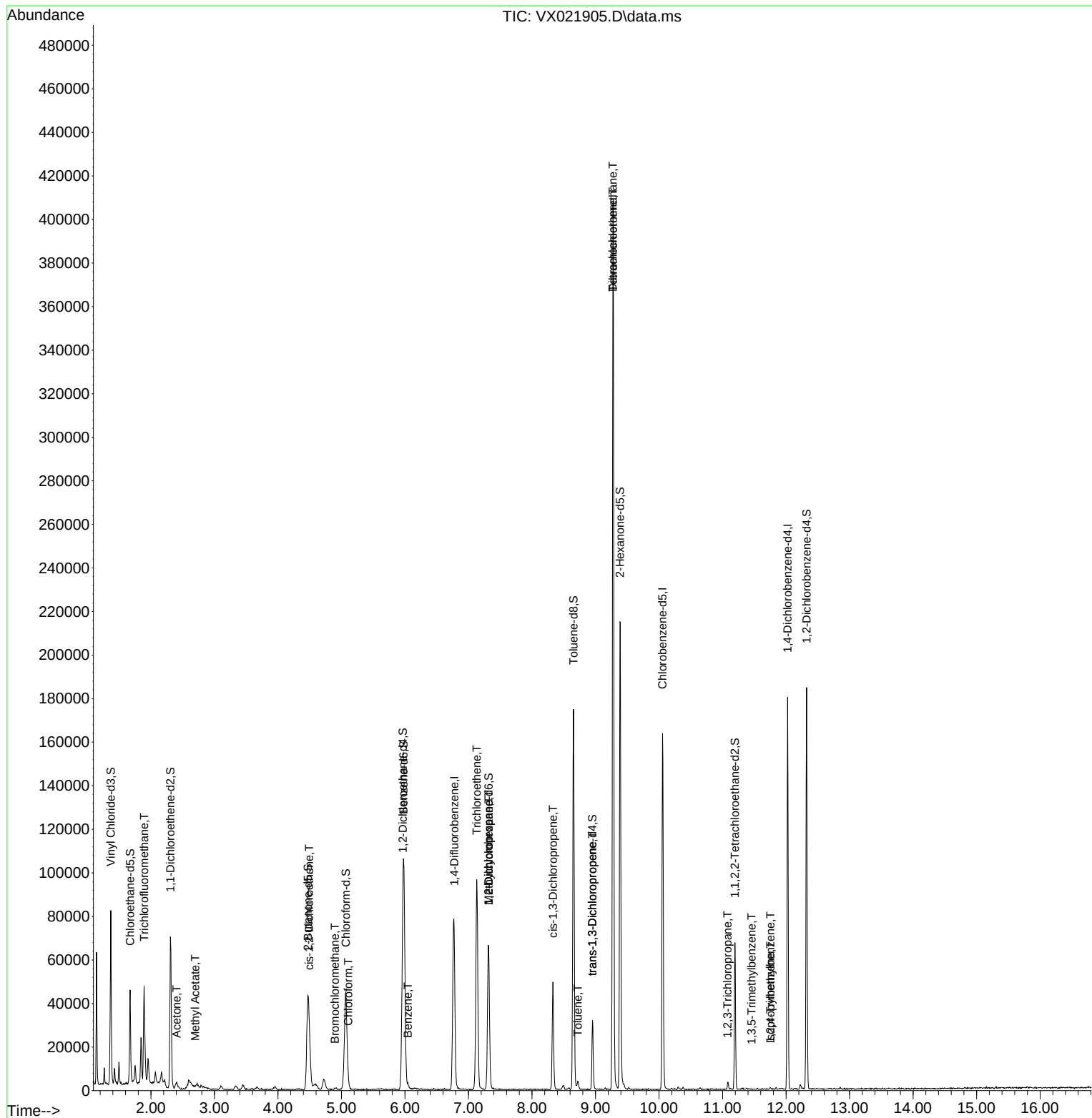
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

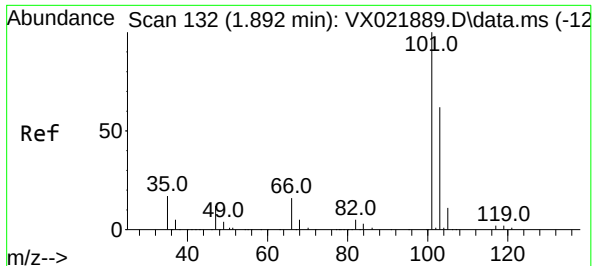
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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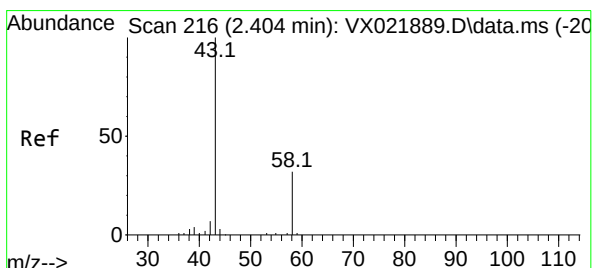
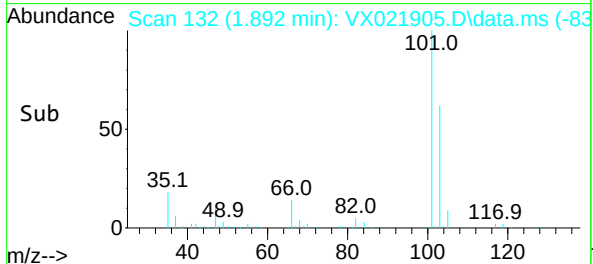
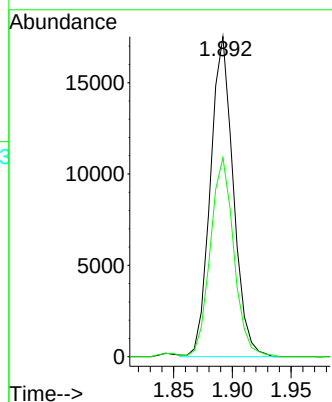
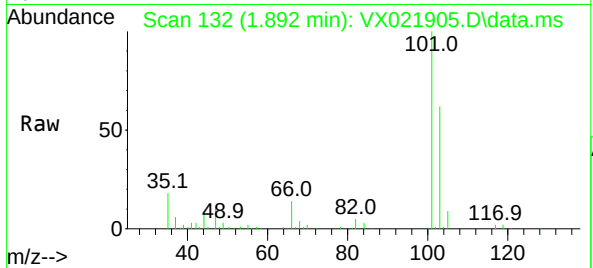




#9
Trichlorofluoromethane
Concen: 2.26 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

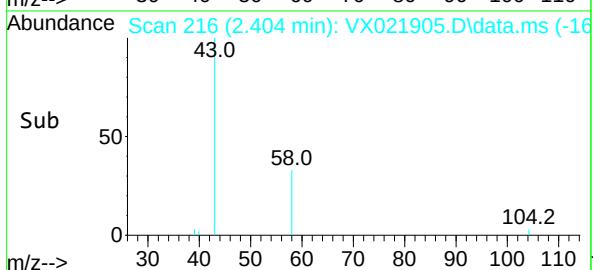
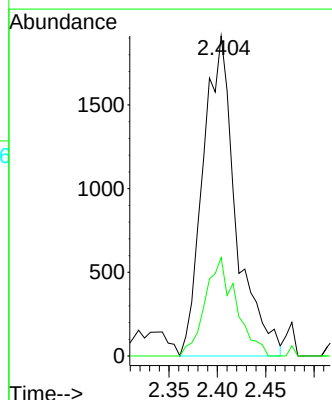
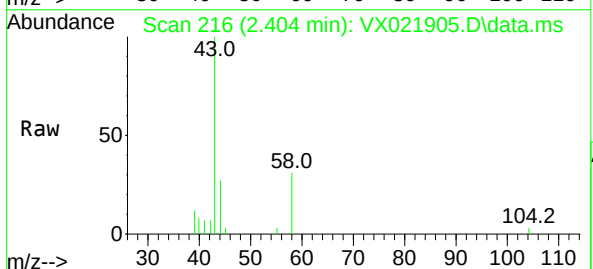
Instrument :
MSVOA_X
ClientSampled :

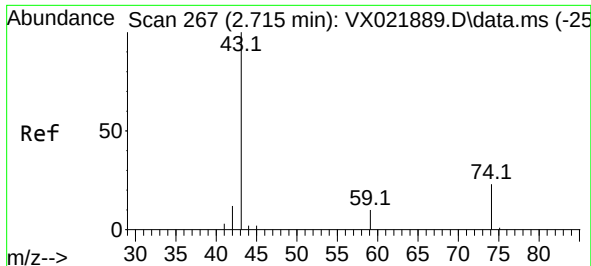
Tgt Ion:101 Resp: 23699
Ion Ratio Lower Upper
101 100
103 63.9 52.6 79.0



#13
Acetone
Concen: 5.55 ug/L
RT: 2.404 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Tgt Ion: 43 Resp: 4525
Ion Ratio Lower Upper
43 100
58 28.9 0.0 66.4

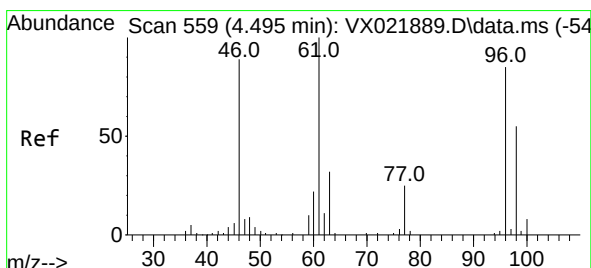
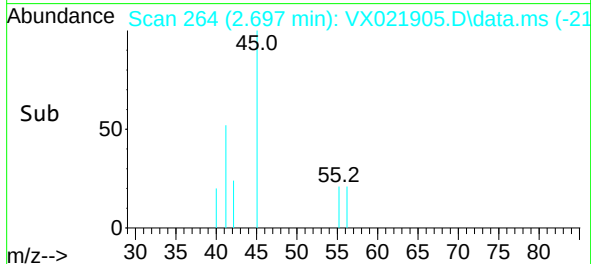
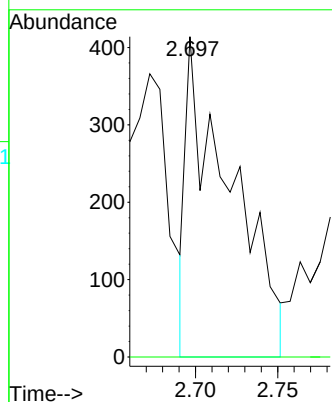
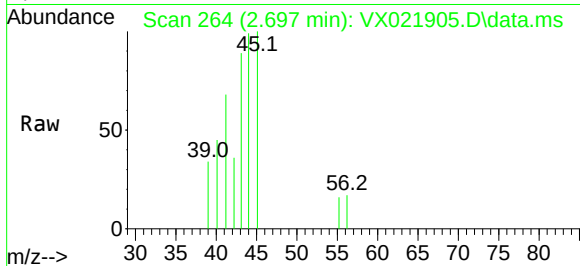




#15
Methyl Acetate
Concen: 0.30 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.018 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

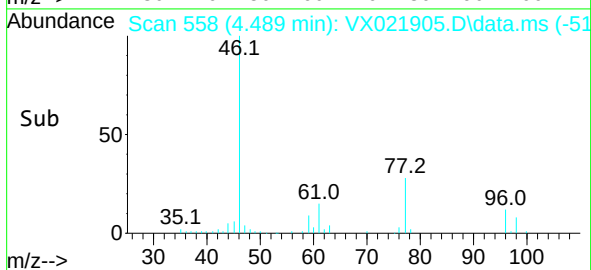
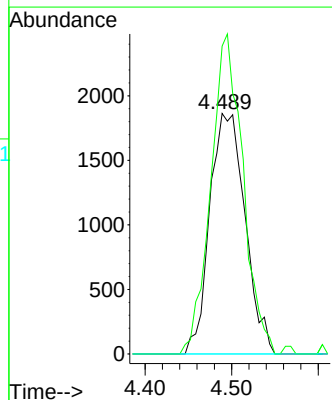
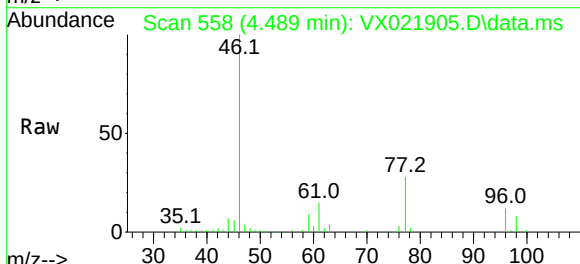
Instrument :
MSVOA_X
ClientSampled :

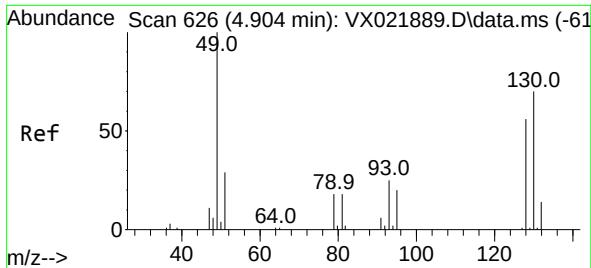
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#22
cis-1,2-Dichloroethene
Concen: 0.77 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

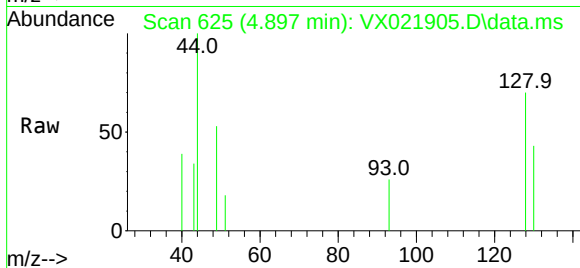
Tgt Ion: 96 Resp: 5293
Ion Ratio Lower Upper
96 100
61 128.0 80.9 150.3
68 0.0 0.0 0.0



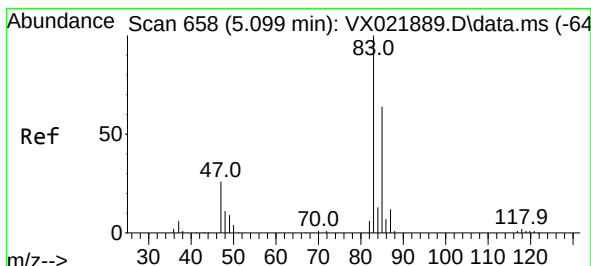
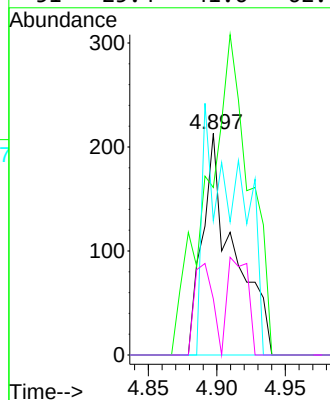
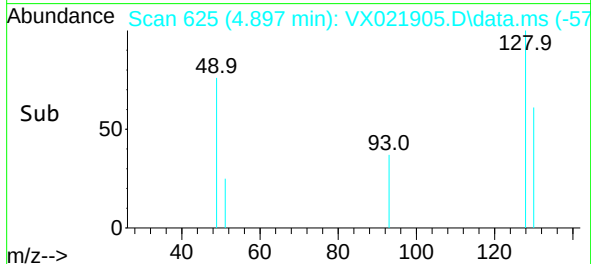


#23
Bromochloromethane
Concen: 0.13 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

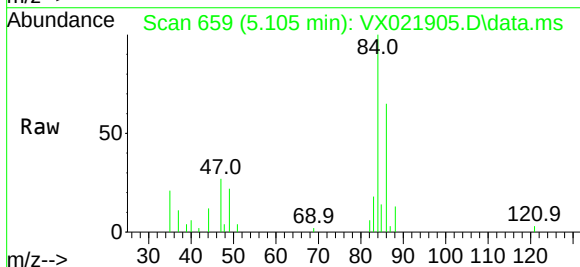
Instrument :
MSVOA_X
ClientSampled :



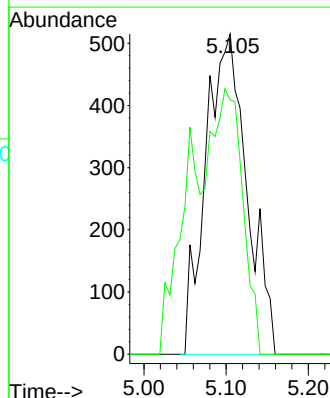
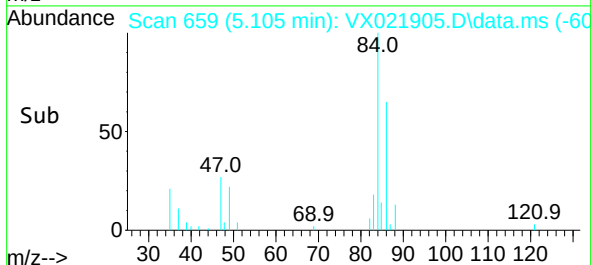
Tgt Ion:128 Resp: 338
Ion Ratio Lower Upper
128 100
49 75.6 121.9 226.3#
130 60.6 87.7 162.9#
51 25.4 41.6 62.4#

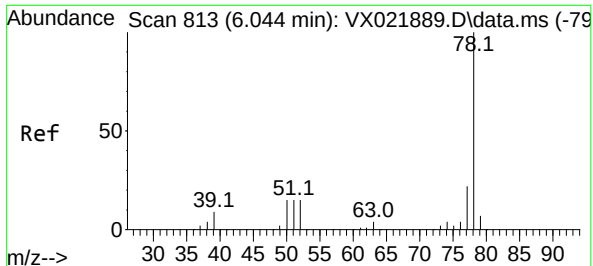


#25
Chloroform
Concen: 0.16 ug/L
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30



Tgt Ion: 83 Resp: 1806
Ion Ratio Lower Upper
83 100
85 79.4 46.3 86.1

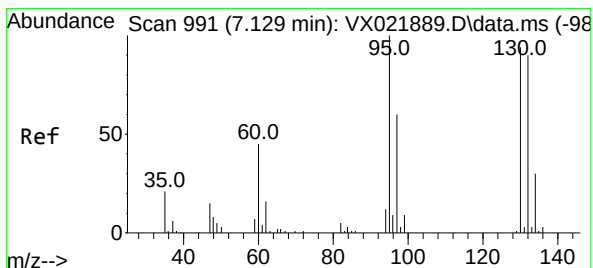
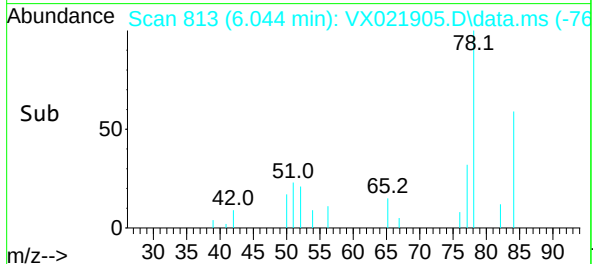
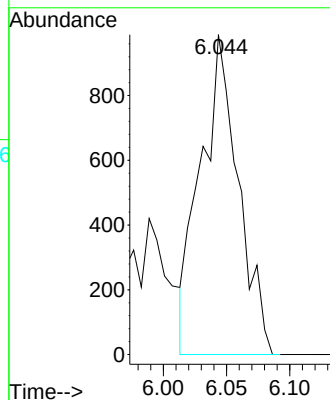
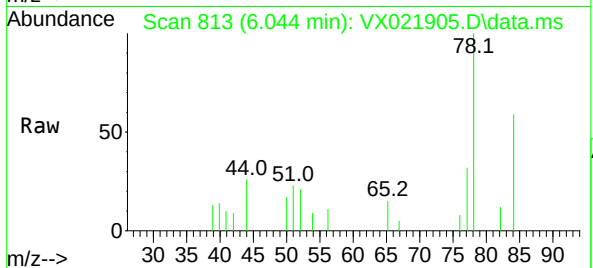




#33
Benzene
Concen: 0.08 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Instrument :
MSVOA_X
ClientSampled :

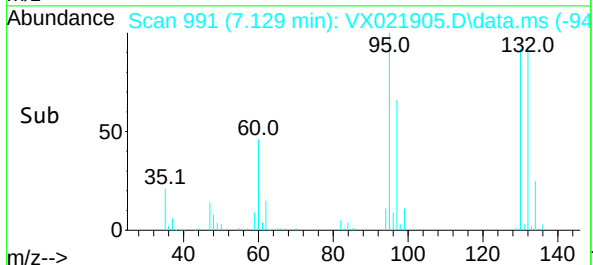
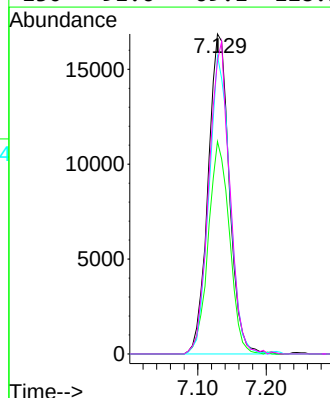
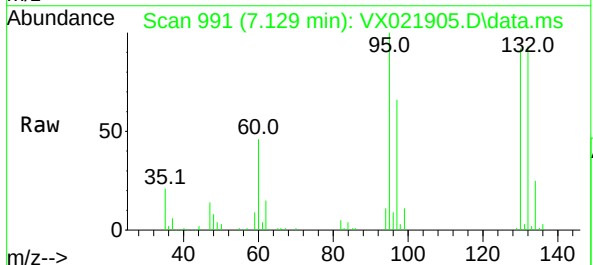
Tgt Ion: 78 Resp: 2049

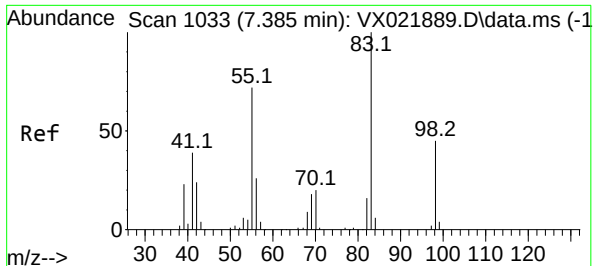


#34
Trichloroethene
Concen: 5.51 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Tgt Ion: 95 Resp: 36259

Ion	Ratio	Lower	Upper
95	100		
97	66.4	48.6	90.2
132	93.2	67.3	125.1
130	91.6	69.1	128.3

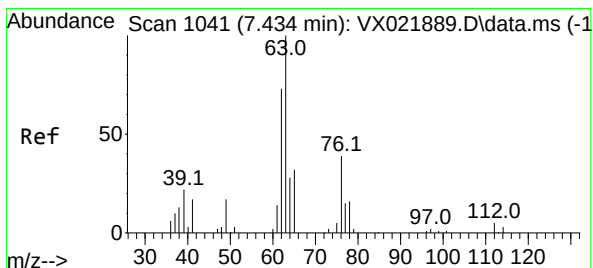
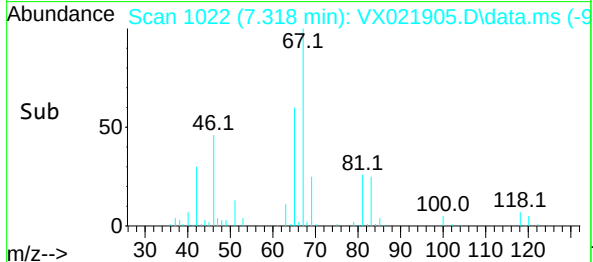
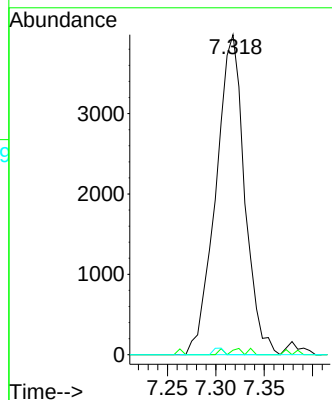
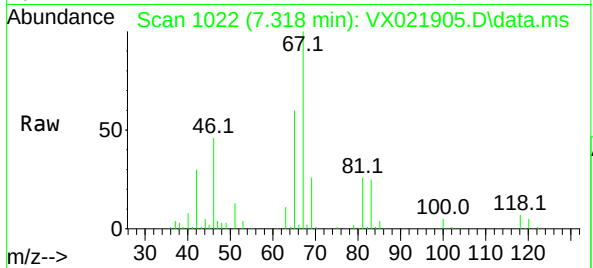




#35
Methylcyclohexane
Concen: 0.73 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

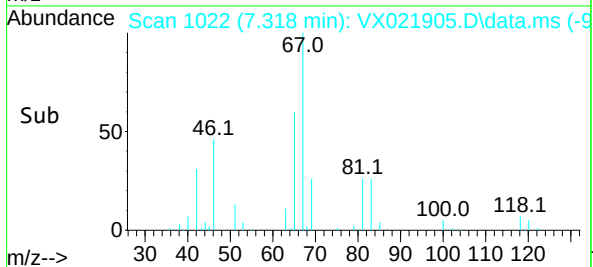
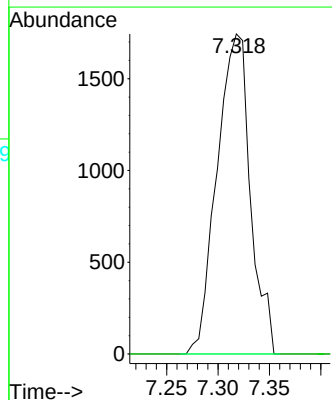
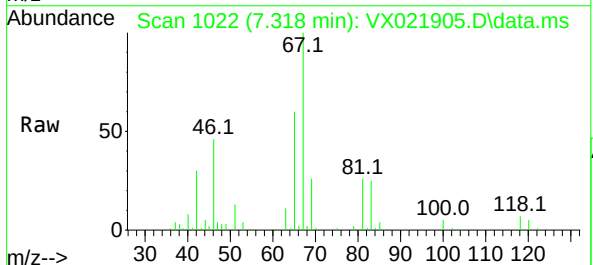
Instrument :
MSVOA_X
ClientSampled :

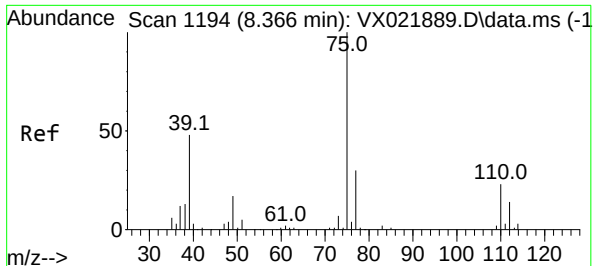
Tgt Ion: 83 Resp: 8225
Ion Ratio Lower Upper
83 100
55 0.3 60.3 90.5#
98 0.7 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Tgt Ion: 63 Resp: 3946
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



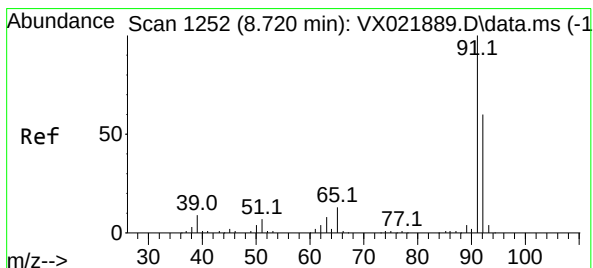
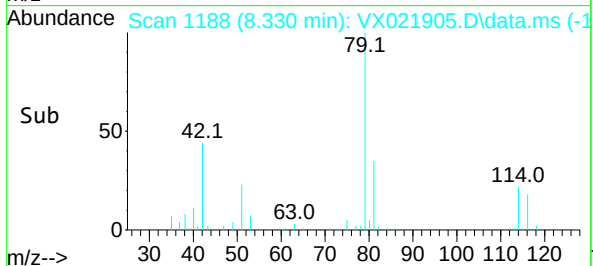
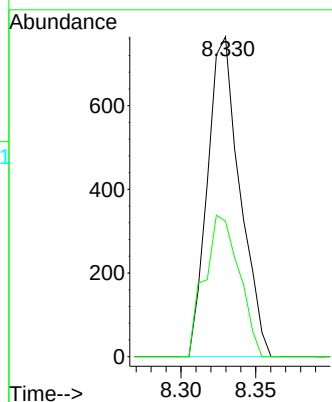
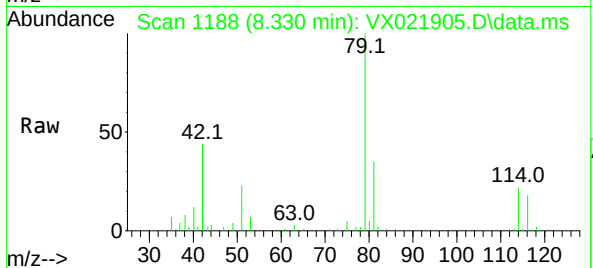


#39

cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Instrument :
MSVOA_X
ClientSampled :

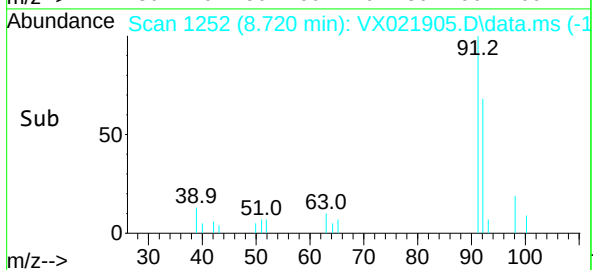
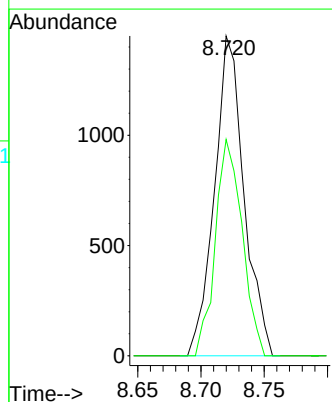
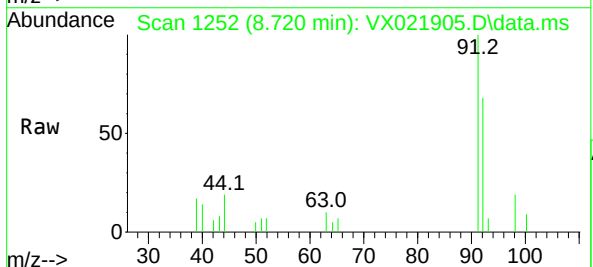
Tgt Ion: 75 Resp: 1149
Ion Ratio Lower Upper
75 100
77 42.4 21.3 39.5#

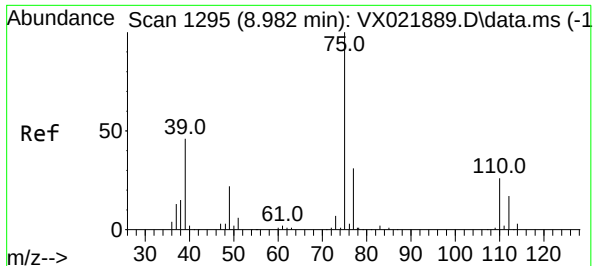


#42

Toluene
Concen: 0.09 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Tgt Ion: 91 Resp: 2355
Ion Ratio Lower Upper
91 100
92 67.7 42.1 78.3

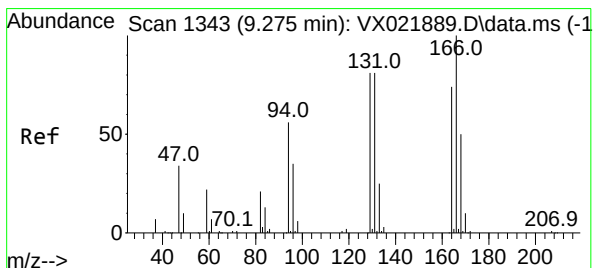
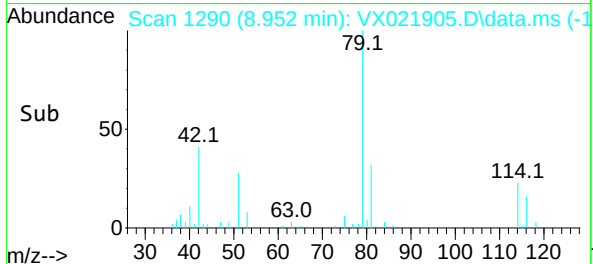
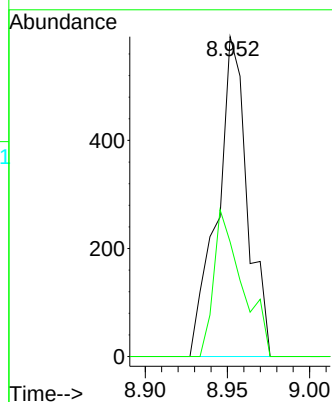
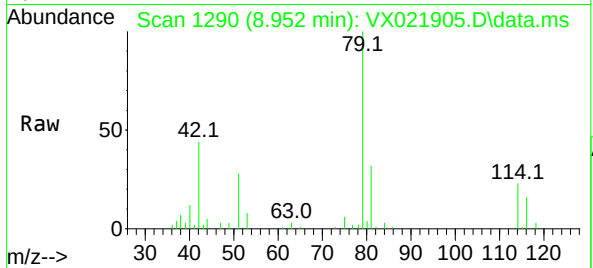




#44
trans-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

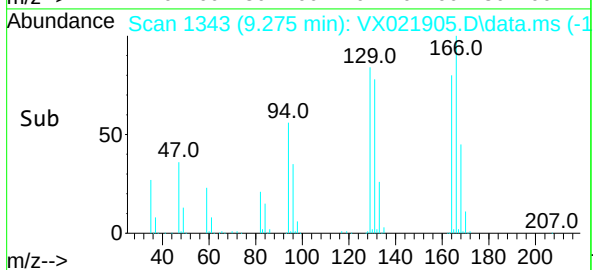
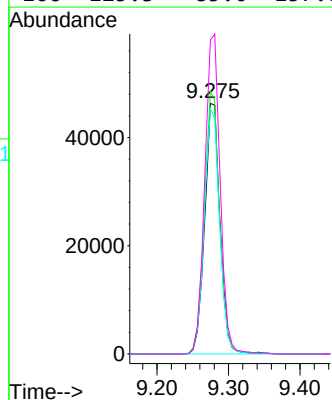
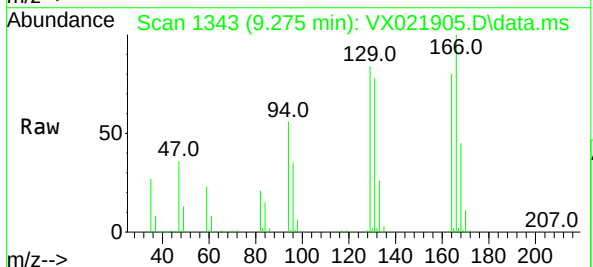
Instrument :
MSVOA_X
ClientSampled :

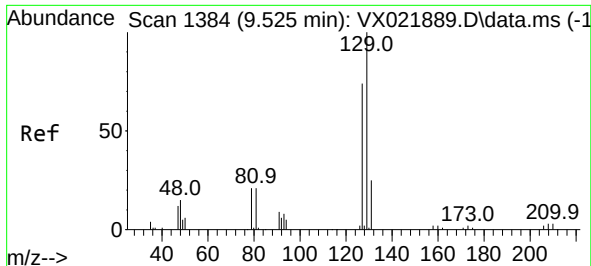
Tgt Ion: 75 Resp: 753
Ion Ratio Lower Upper
75 100
77 35.8 21.6 40.0



#47
Tetrachloroethene
Concen: 15.69 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Tgt Ion: 164 Resp: 68915
Ion Ratio Lower Upper
164 100
129 104.8 73.1 135.7
131 98.0 69.1 128.3
166 125.3 85.0 157.8





#49

Dibromochloromethane

Concen: 14.53 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX021905.D

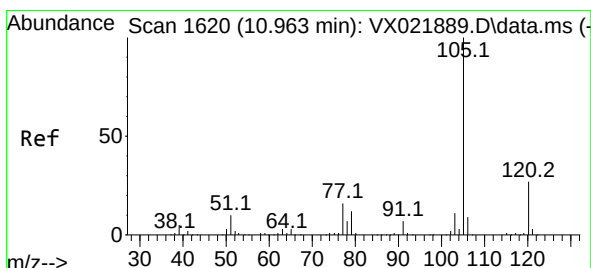
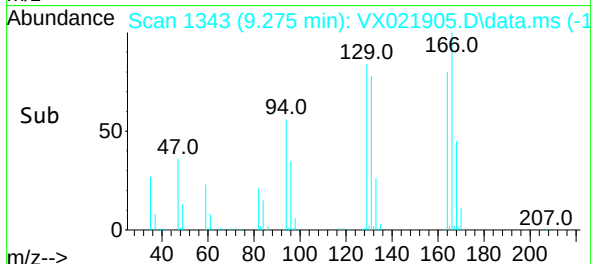
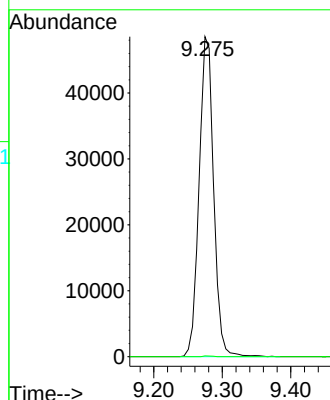
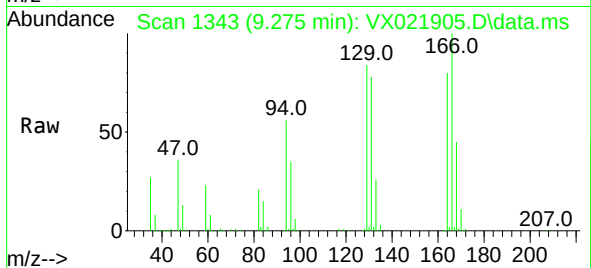
Acq: 11 May 2021 17:30

Tgt Ion:129 Resp: 71791

Ion Ratio Lower Upper

129 100

127 0.2 53.5 99.5#



#60

Isopropylbenzene

Concen: 0.02 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.793 min

Lab File: VX021905.D

Acq: 11 May 2021 17:30

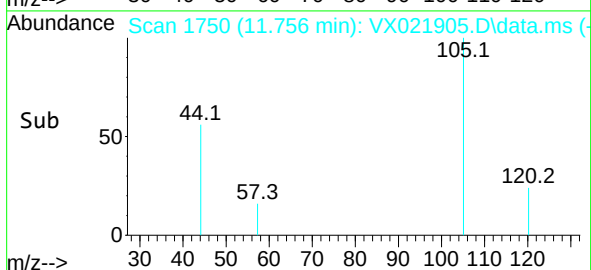
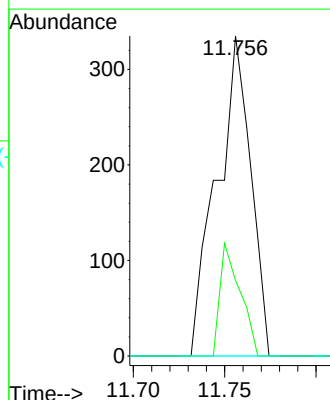
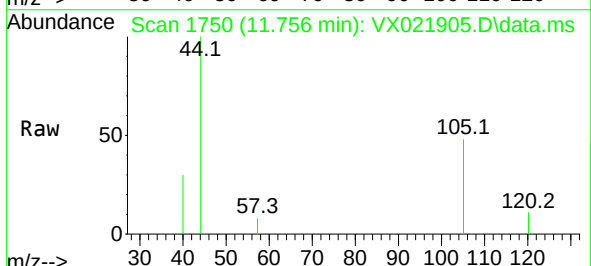
Tgt Ion:105 Resp: 432

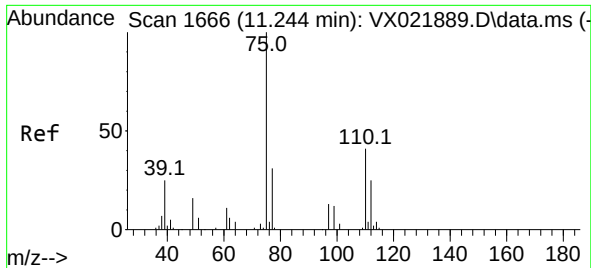
Ion Ratio Lower Upper

105 100

120 21.1 21.0 31.6

77 360.0 12.4 18.6#

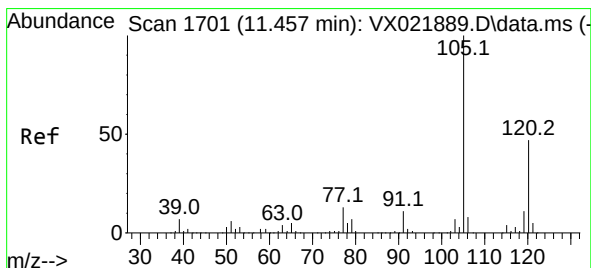
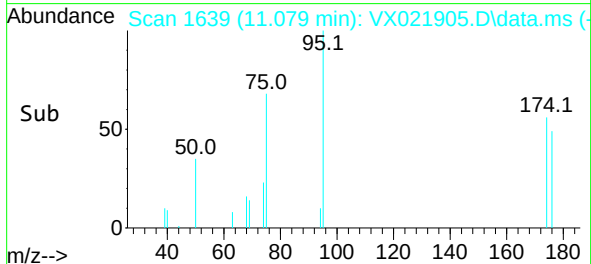
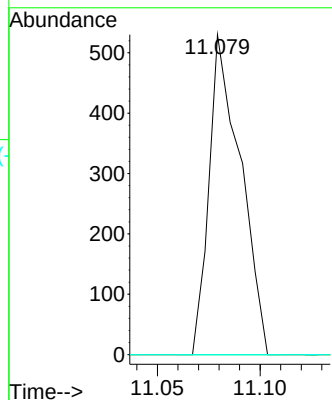
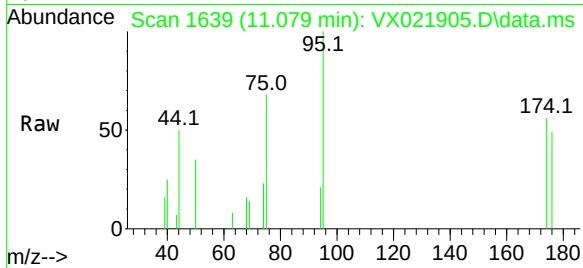




#61
1,2,3-Trichloropropane
Concen: 0.16 ug/L
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

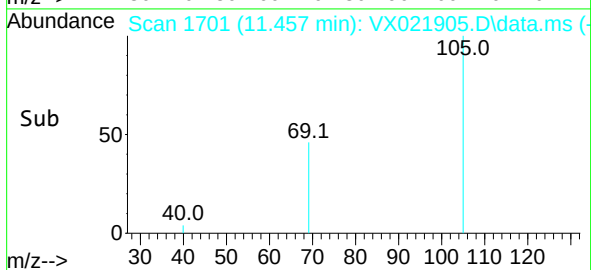
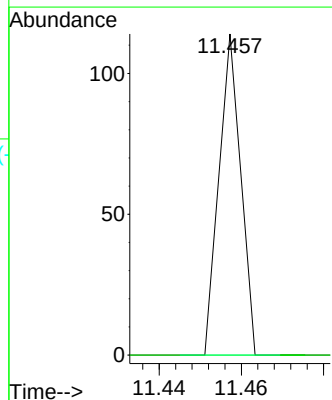
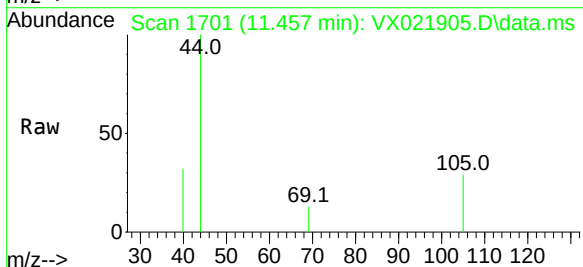
Instrument :
MSVOA_X
ClientSampled :

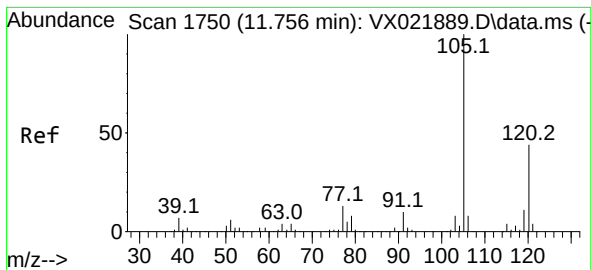
Tgt Ion: 75 Resp: 564
Ion Ratio Lower Upper
75 100
77 0.0 24.6 37.0#
110 0.0 32.3 48.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.00 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX021905.D
Acq: 11 May 2021 17:30

Tgt Ion: 105 Resp: 42
Ion Ratio Lower Upper
105 100
120 0.0 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: VX021905.D
 Acq: 11 May 2021 17:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 432
 Ion Ratio Lower Upper
 105 100
 120 21.1 36.4 54.6#

