

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021907.D
 Acq On : 11 May 2021 18:17
 Operator : JC/MD
 Sample : M2339-03
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 03:42:44 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	78538	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	70898	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32321	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	27741	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.673	69	24569	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.307	63	36855	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.471	46	75905	49.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	5.062	84	51368	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.958	65	28038	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.983	84	108037	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	7.312	67	32914	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	8.653	98	97611	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.952	79	13892	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	9.391	63	65098	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25530	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
66) 1,2-Dichlorobenzene-d4	12.323	152	32616	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

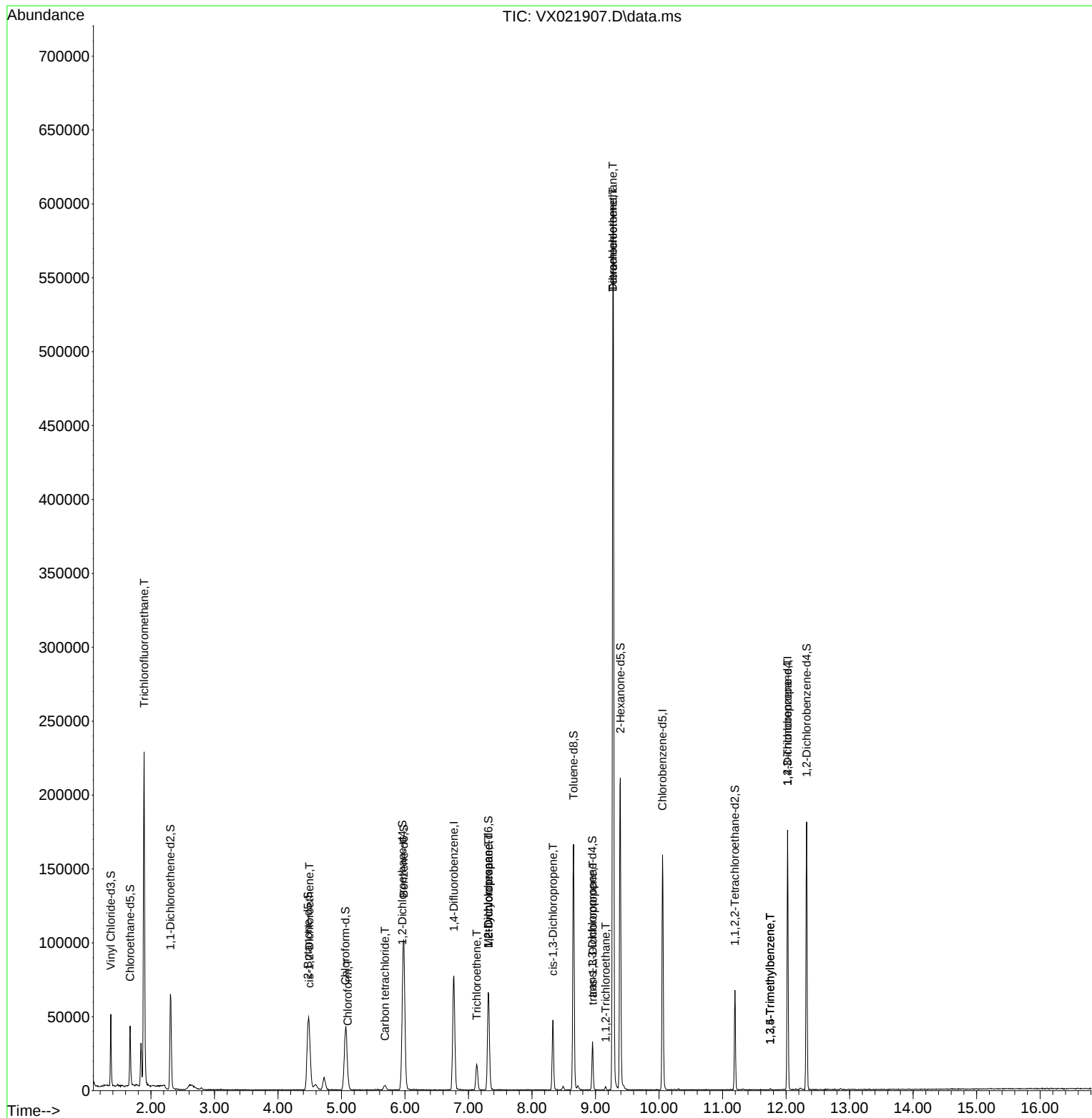
Target Compounds					Qvalue
9) Trichlorofluoromethane	1.892	101	125404	12.40	ug/L 99
22) cis-1,2-Dichloroethene	4.495	96	10349	1.57	ug/L 92
25) Chloroform	5.099	83	3178	0.29	ug/L 96
31) Carbon tetrachloride	5.684	117	2663	0.32	ug/L 91
34) Trichloroethene	7.129	95	6203	0.97	ug/L 96
35) Methylcyclohexane	7.312	83	8126	0.75	ug/L # 19
37) 1,2-Dichloropropane	7.312	63	3599	0.60	ug/L # 85
39) cis-1,3-Dichloropropene	8.330	75	1119	0.12	ug/L # 57
44) trans-1,3-Dichloropropene	8.958	75	705	0.09	ug/L 93
45) 1,1,2-Trichloroethane	9.159	97	627	0.15	ug/L # 73
47) Tetrachloroethene	9.275	164	103094	24.22	ug/L 95
49) Dibromochloromethane	9.275	129	105999	22.14	ug/L # 11
61) 1,2,3-Trichloropropane	12.024	75	4840	1.45	ug/L # 65
62) 1,3,5-Trimethylbenzene	11.750	105	280	0.01	ug/L 94
63) 1,2,4-Trimethylbenzene	11.750	105	280	0.01	ug/L 98

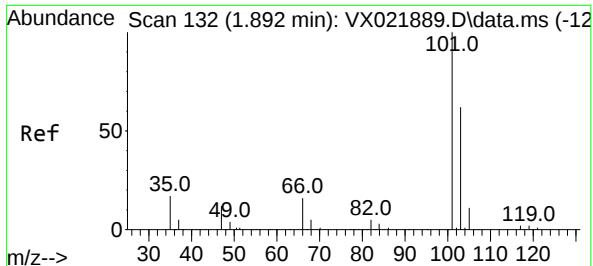
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

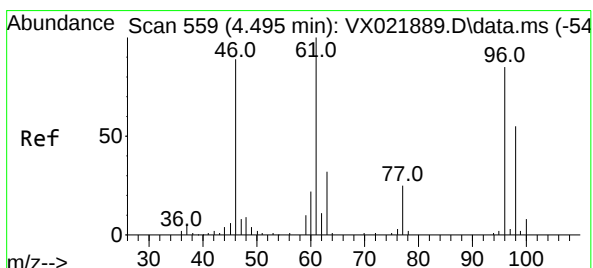
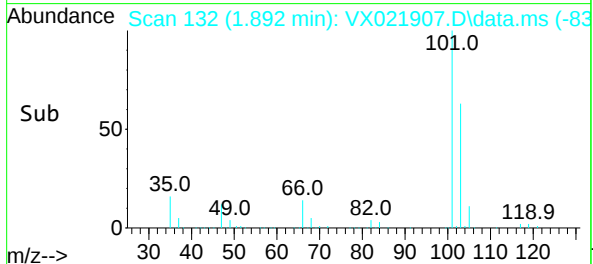
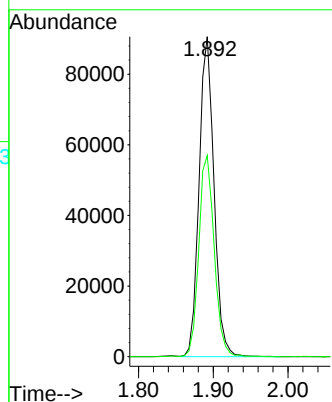
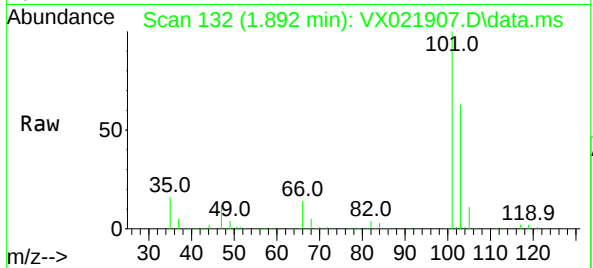




#9
Trichlorofluoromethane
Concen: 12.40 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

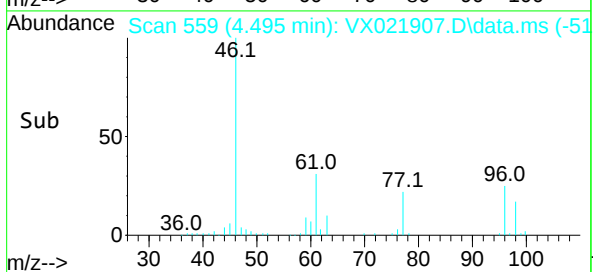
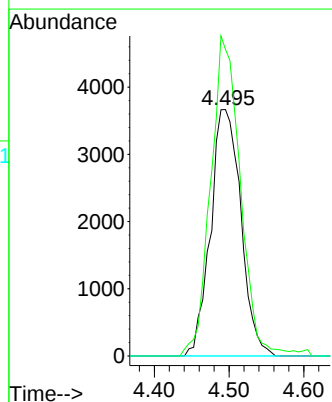
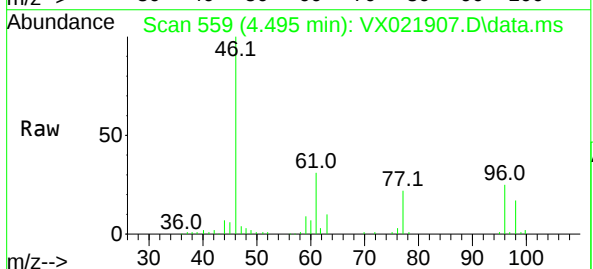
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MSVOA_X
ClientSampled :

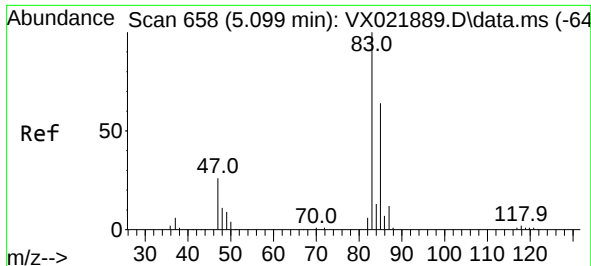
Tgt Ion:101 Resp: 125404
Ion Ratio Lower Upper
101 100
103 65.3 52.6 79.0



#22
cis-1,2-Dichloroethene
Concen: 1.57 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

Tgt Ion: 96 Resp: 10349
Ion Ratio Lower Upper
96 100
61 124.4 80.9 150.3
68 0.0 0.0 0.0

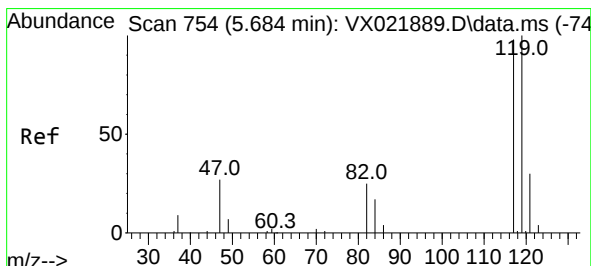
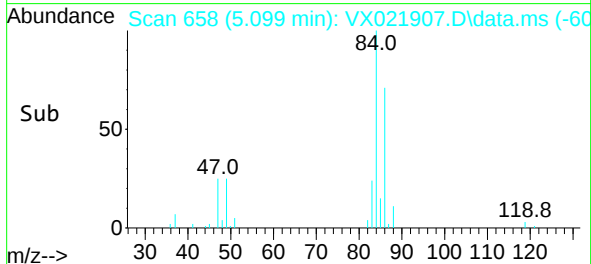
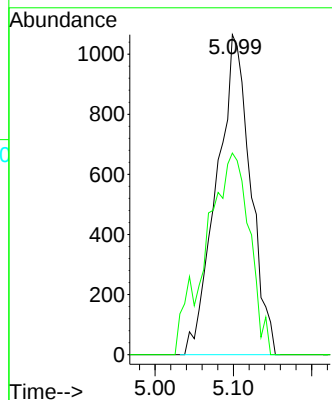
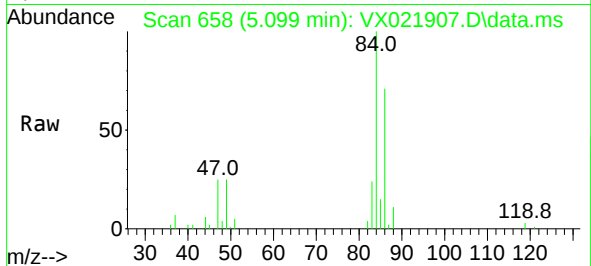




#25
Chloroform
Concen: 0.29 ug/L
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

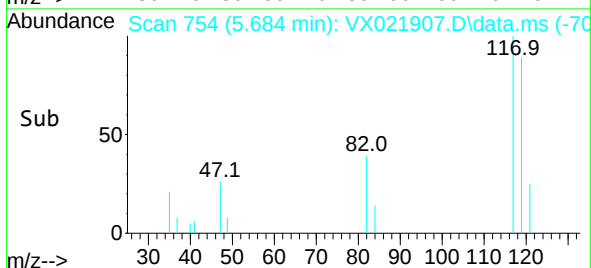
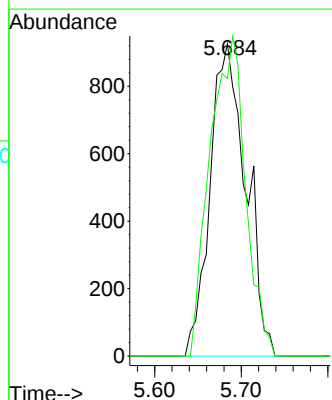
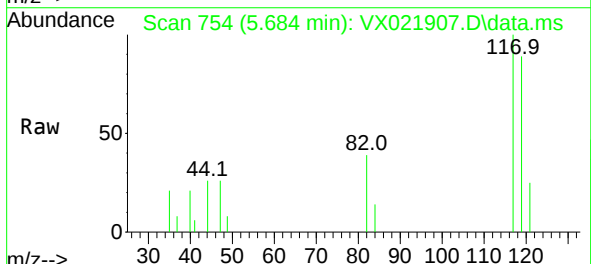
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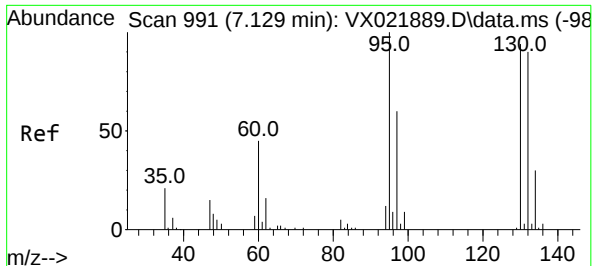
Tgt Ion: 83 Resp: 3178
Ion Ratio Lower Upper
83 100
85 63.0 46.3 86.1



#31
Carbon tetrachloride
Concen: 0.32 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

Tgt Ion: 117 Resp: 2663
Ion Ratio Lower Upper
117 100
119 101.8 74.8 112.2

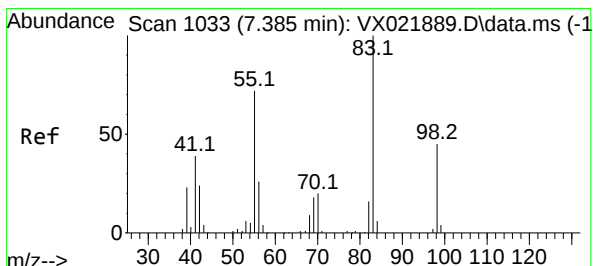
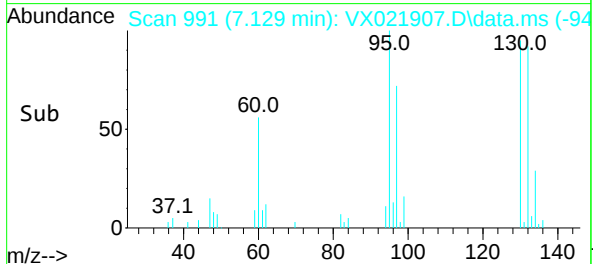
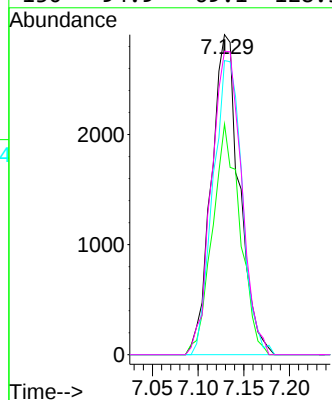
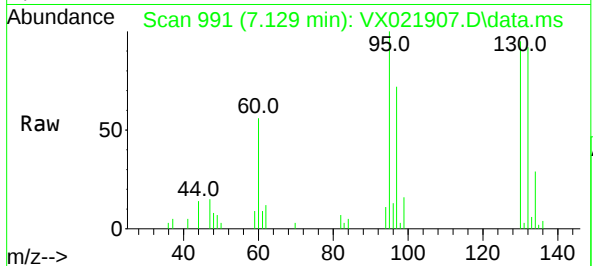




#34
Trichloroethene
Concen: 0.97 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

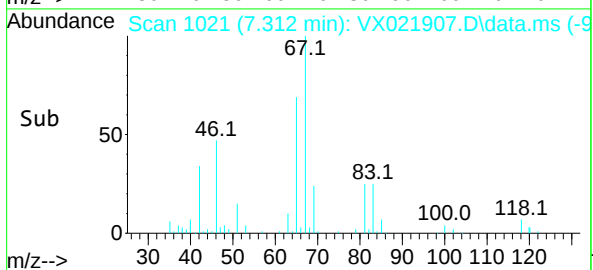
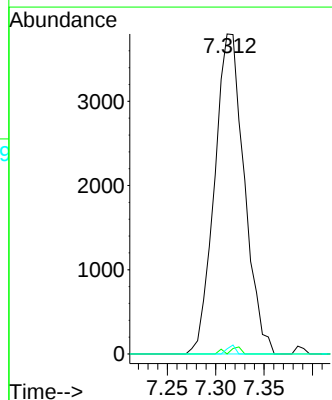
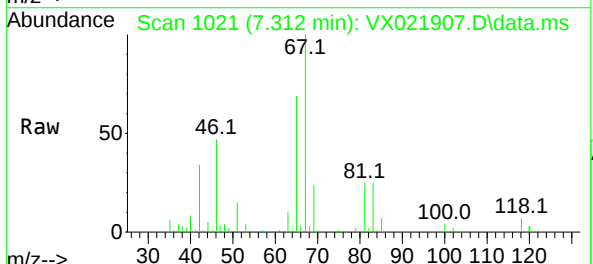
Instrument :
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ClientSampled :

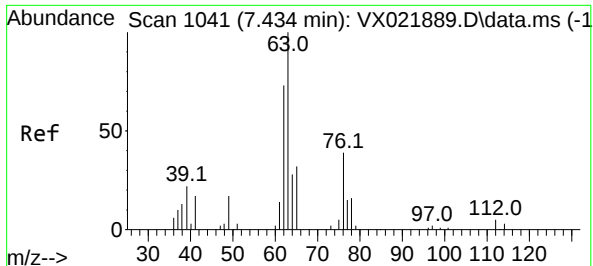
Tgt Ion: 95 Resp: 6203
Ion Ratio Lower Upper
95 100
97 72.0 48.6 90.2
132 91.9 67.3 125.1
130 94.9 69.1 128.3



#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

Tgt Ion: 83 Resp: 8126
Ion Ratio Lower Upper
83 100
55 0.9 60.3 90.5#
98 0.8 39.4 59.2#

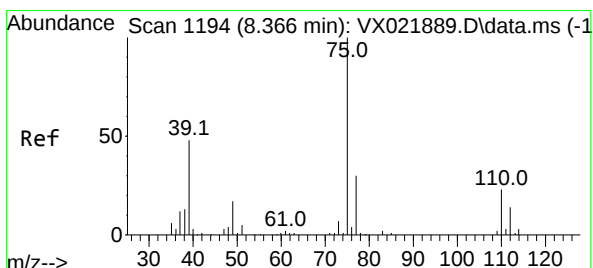
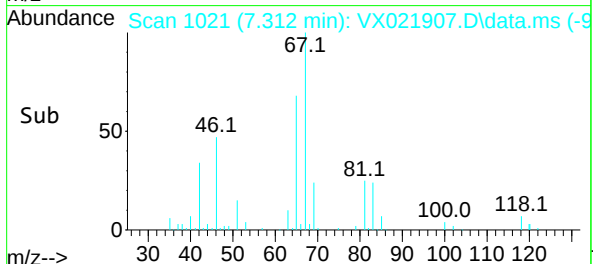
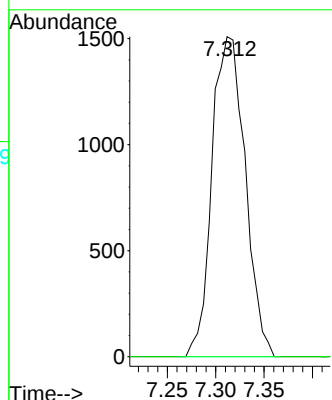
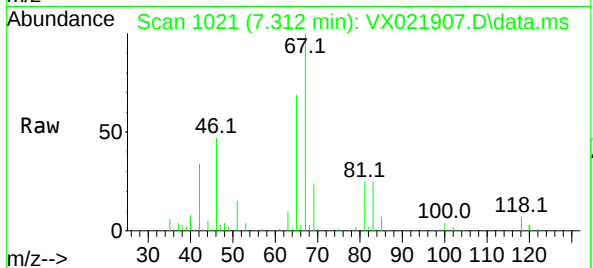




#37
1,2-Dichloropropane
Concen: 0.60 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

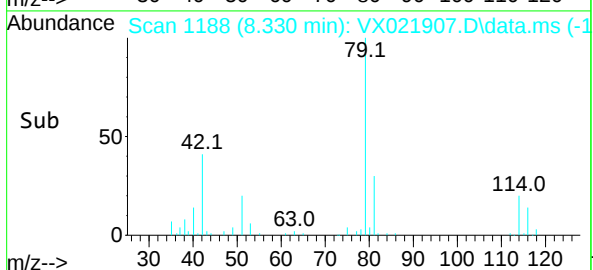
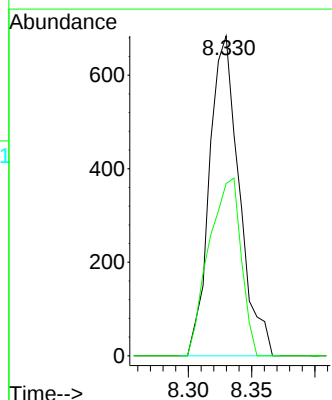
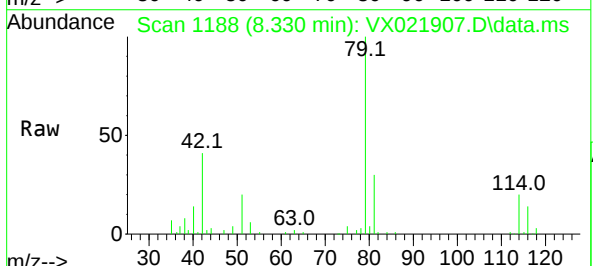
Instrument :
MSVOA_X
ClientSampled :

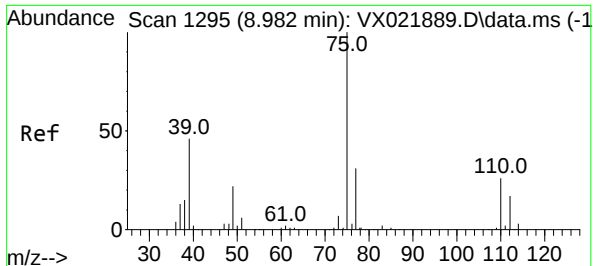
Tgt Ion: 63 Resp: 3599
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

Tgt Ion: 75 Resp: 1119
Ion Ratio Lower Upper
75 100
77 53.8 21.3 39.5#



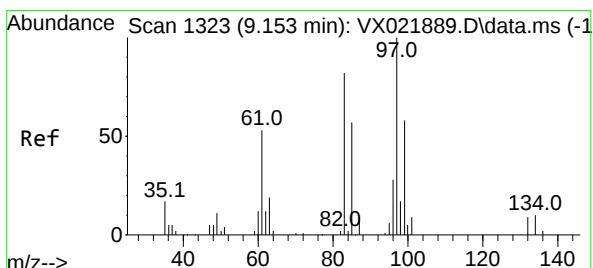
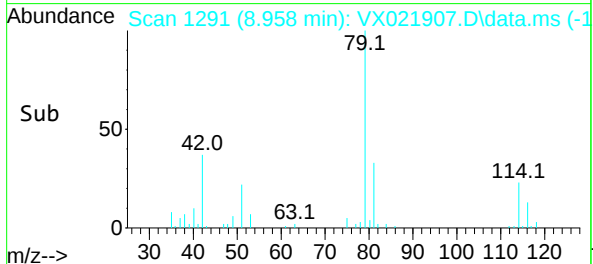
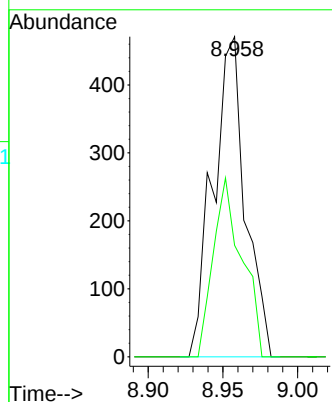
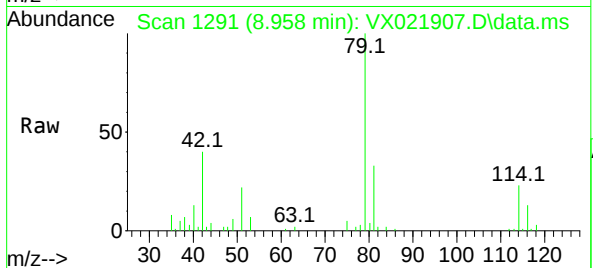


#44

trans-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 8.958 min Scan# 1291
Delta R.T. -0.024 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

Instrument :
MSVOA_X
ClientSampled :

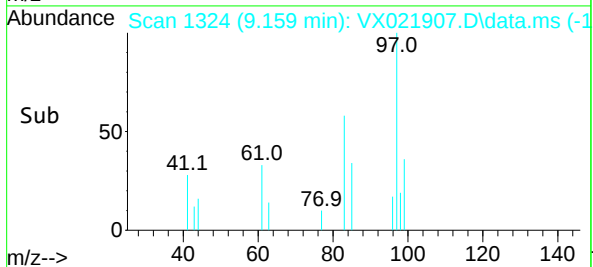
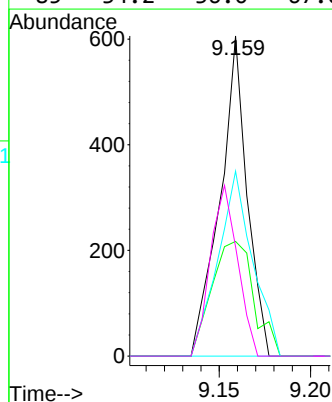
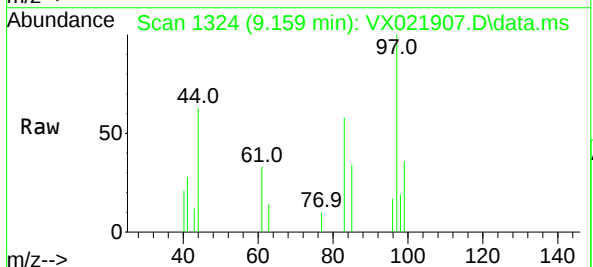
Tgt Ion: 75 Resp: 705
Ion Ratio Lower Upper
75 100
77 34.8 21.6 40.0

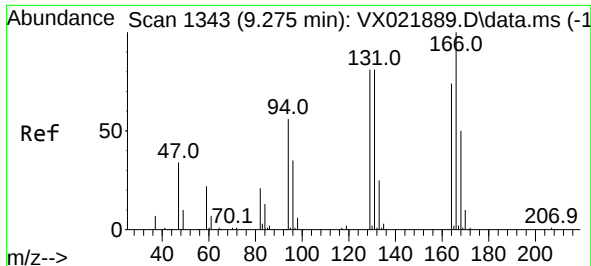


#45

1,1,2-Trichloroethane
Concen: 0.15 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

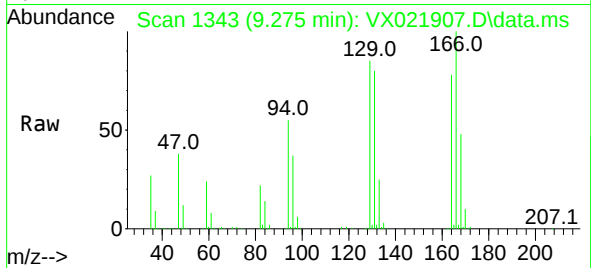
Tgt Ion: 97 Resp: 627
Ion Ratio Lower Upper
97 100
99 35.8 42.6 79.0#
83 57.8 55.4 102.8
85 34.2 36.0 67.0#



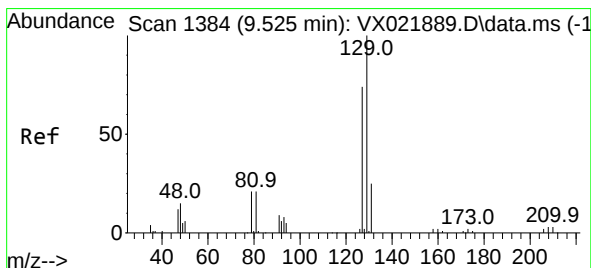
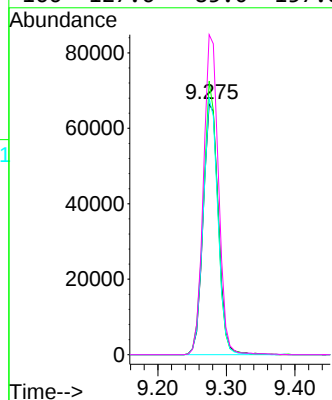
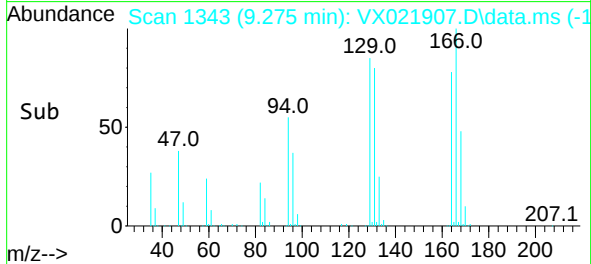


#47
Tetrachloroethene
Concen: 24.22 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

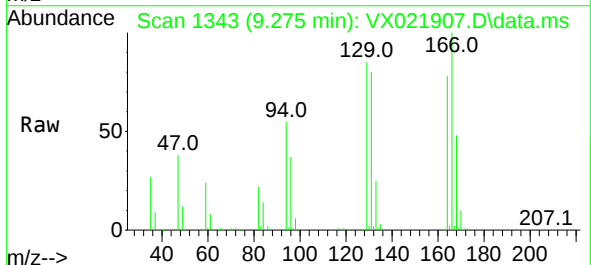
Instrument :
MSVOA_X
ClientSampled :



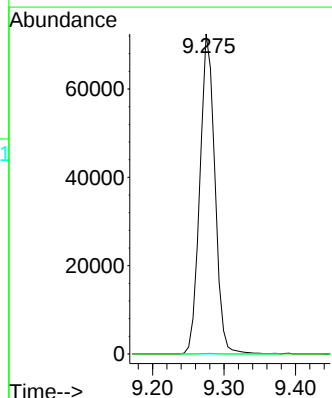
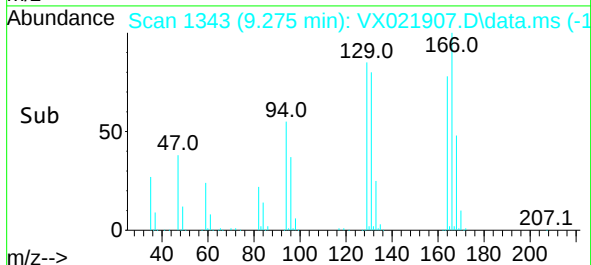
Tgt Ion:164 Resp: 103094
Ion Ratio Lower Upper
164 100
129 109.1 73.1 135.7
131 102.3 69.1 128.3
166 127.6 85.0 157.8

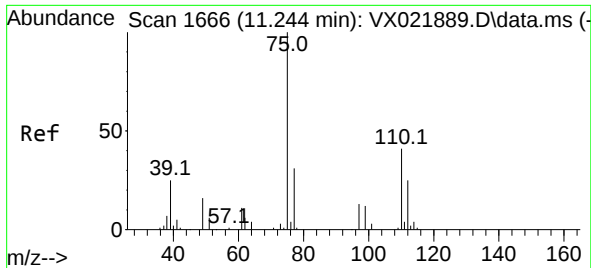


#49
Dibromochloromethane
Concen: 22.14 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17



Tgt Ion:129 Resp: 105999
Ion Ratio Lower Upper
129 100
127 0.2 53.5 99.5#

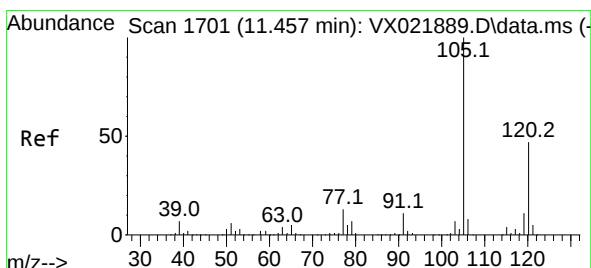
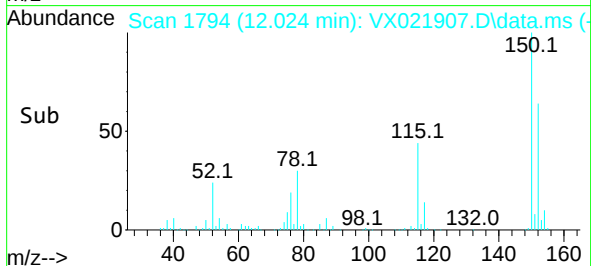
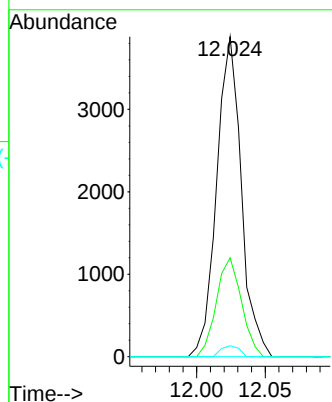
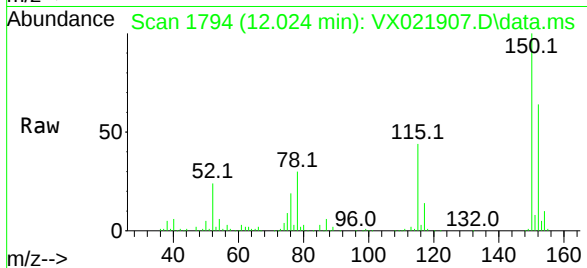




#61
1,2,3-Trichloropropane
Concen: 1.45 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

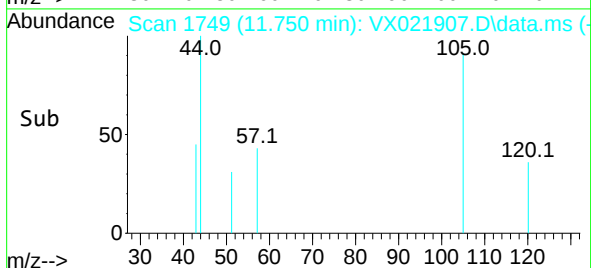
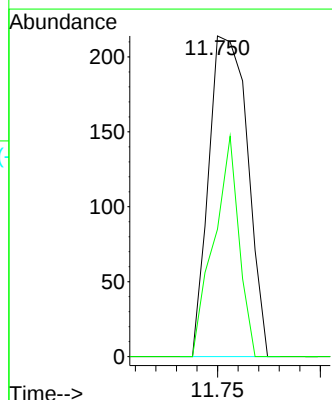
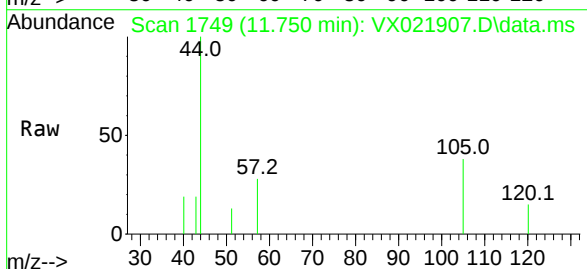
Instrument :
MSVOA_X
ClientSampled :

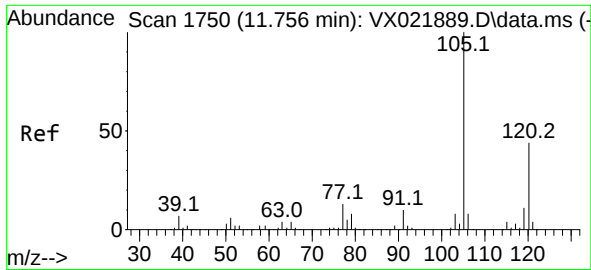
Tgt Ion: 75 Resp: 4840
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
110 2.5 32.3 48.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.01 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.293 min
Lab File: VX021907.D
Acq: 11 May 2021 18:17

Tgt Ion: 105 Resp: 280
Ion Ratio Lower Upper
105 100
120 44.3 38.4 57.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.01 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX021907.D
 Acq: 11 May 2021 18:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 280
 Ion Ratio Lower Upper
 105 100
 120 44.3 36.4 54.6

