

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026067.D
 Acq On : 27 Dec 2021 17:17
 Operator : JC/MD
 Sample : M5150-26 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 01:32:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

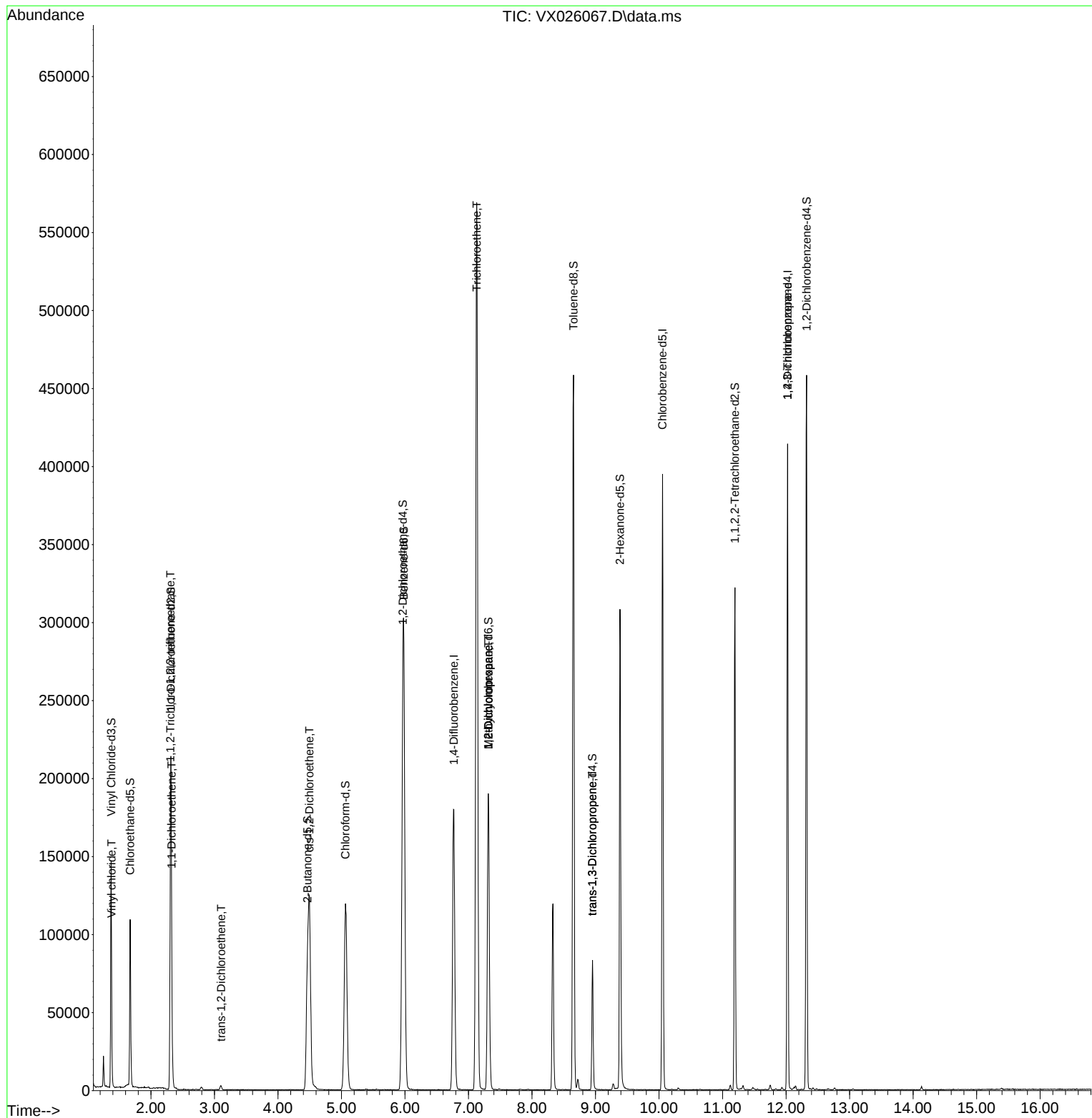
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	181827	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	166756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78401	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82159	63.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 127.440%		
7) Chloroethane-d5	1.672	69	62201	60.363	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 120.720%		
11) 1,1-Dichloroethene-d2	2.312	63	118224	46.269	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 92.540%		
21) 2-Butanone-d5	4.464	46	124657	111.510	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 111.510%		
24) Chloroform-d	5.062	84	144356	55.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 111.880%		
26) 1,2-Dichloroethane-d4	5.964	65	97761	55.958	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 111.920%		
32) Benzene-d6	5.982	84	295371	61.538	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 123.080%		
36) 1,2-Dichloropropane-d6	7.312	67	91059	61.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 122.060%#		
41) Toluene-d8	8.653	98	263758	58.855	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 117.700%		
43) trans-1,3-Dichloroprop...	8.951	79	35273	54.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 108.680%		
47) 2-Hexanone-d5	9.384	63	87487	113.617	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 113.620%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	117728	53.513	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 107.020%		
66) 1,2-Dichlorobenzene-d4	12.323	152	89973	60.730	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 121.460%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.380	62	10834	6.471	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1147	0.878	ug/L #	17
12) 1,1-Dichloroethene	2.325	96	5331	4.363	ug/L #	1
17) trans-1,2-Dichloroethene	3.105	96	998	0.767	ug/L #	65
20) cis-1,2-Dichloroethene	4.495	96	61799	42.558	ug/L	91
34) Trichloroethene	7.129	95	207788	153.408	ug/L	94
35) Methylcyclohexane	7.312	83	21804	10.170	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	10857	8.078	ug/L #	85
44) trans-1,3-Dichloropropene	8.951	75	1719	0.938	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	10431	6.659	ug/L #	63

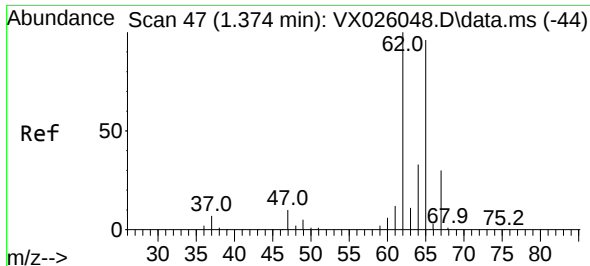
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
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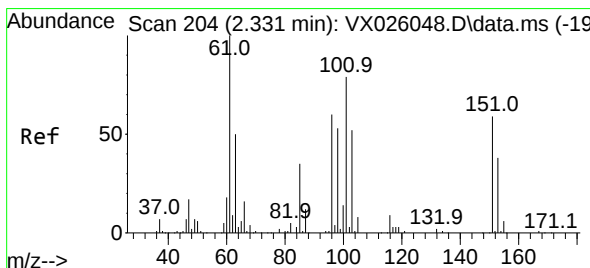
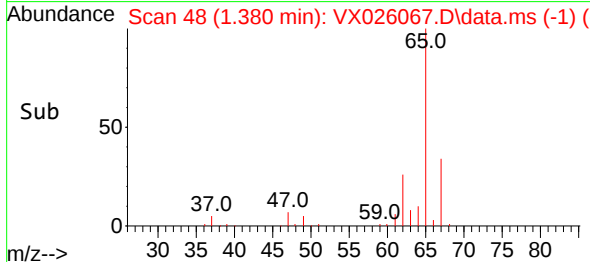
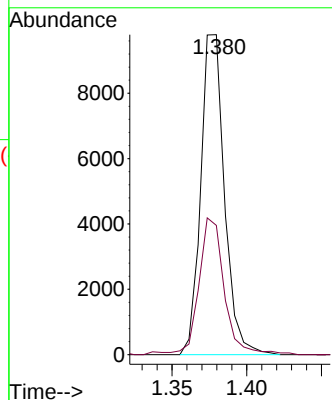
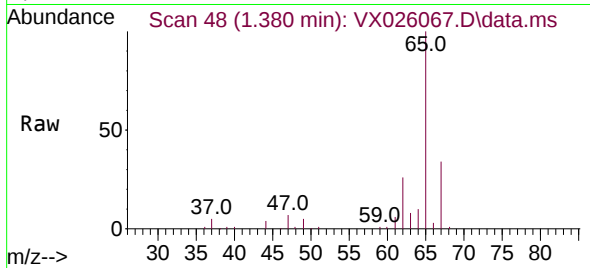




#5
 Vinyl chloride
 Concen: 6.471 ug/L
 RT: 1.380 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX026067.D
 Acq: 27 Dec 2021 17:17

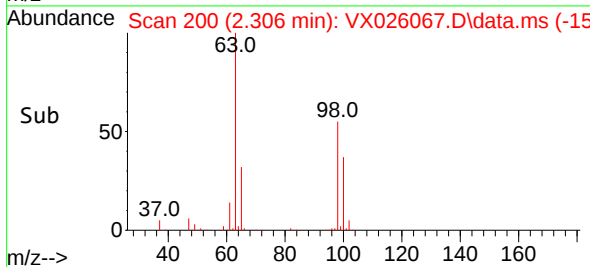
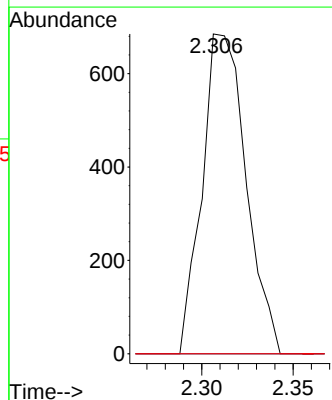
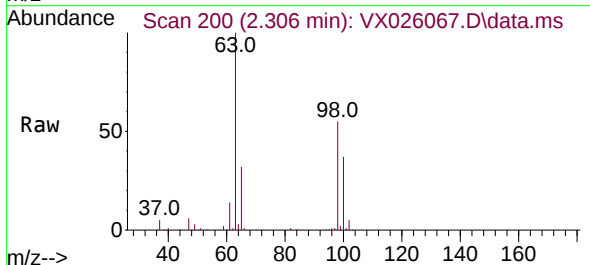
Instrument :
 MSVOA_X
 ClientSampleId :

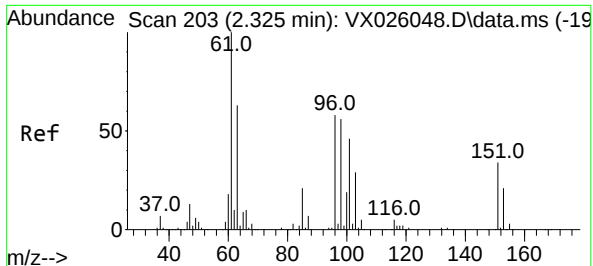
Tgt Ion: 62 Resp: 10834
 Ion Ratio Lower Upper
 62 100
 64 40.4 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.878 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.025 min
 Lab File: VX026067.D
 Acq: 27 Dec 2021 17:17

Tgt Ion: 101 Resp: 1147
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.3 51.5#
 151 0.0 65.2 97.8#





#12

1,1-Dichloroethene

Concen: 4.363 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX026067.D

Acq: 27 Dec 2021 17:17

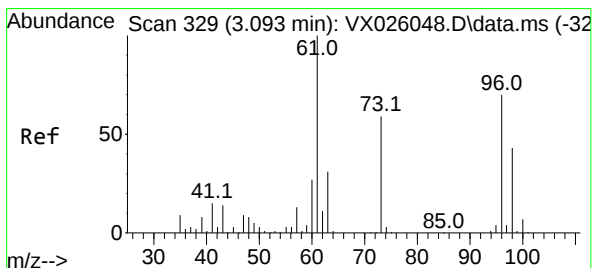
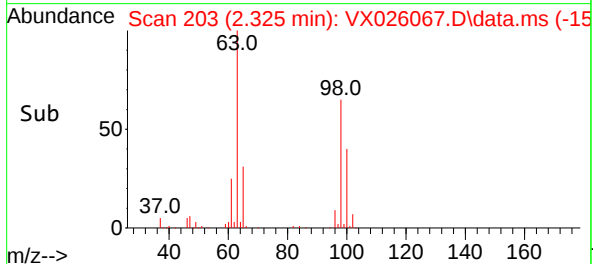
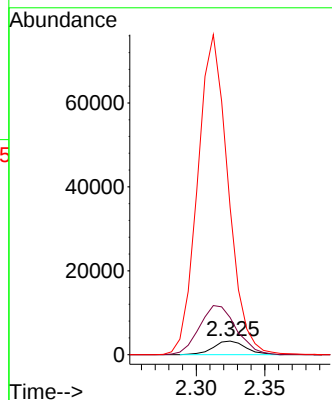
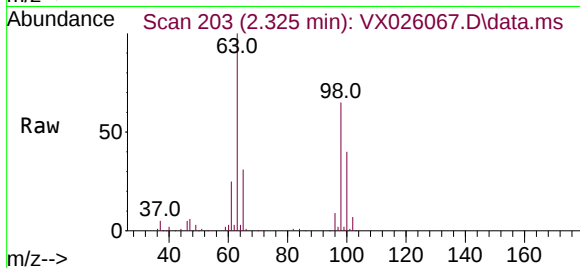
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 96 Resp: 5331

Ion	Ratio	Lower	Upper
96	100		
61	272.1	108.7	201.9#
63	1079.0	76.3	141.7#



#17

trans-1,2-Dichloroethene

Concen: 0.767 ug/L

RT: 3.105 min Scan# 331

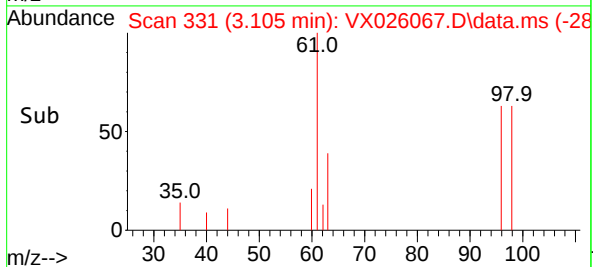
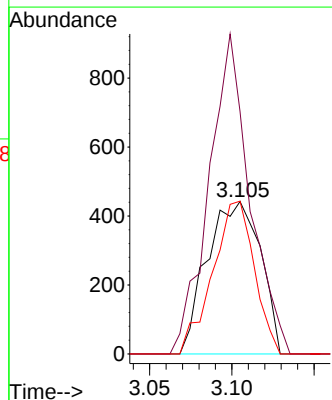
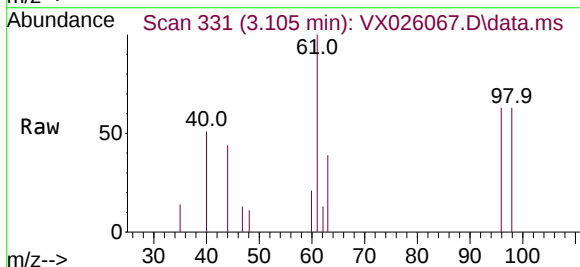
Delta R.T. 0.012 min

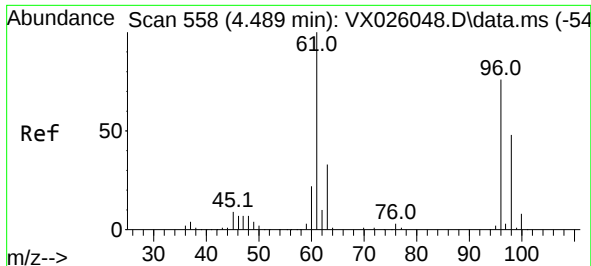
Lab File: VX026067.D

Acq: 27 Dec 2021 17:17

Tgt Ion: 96 Resp: 998

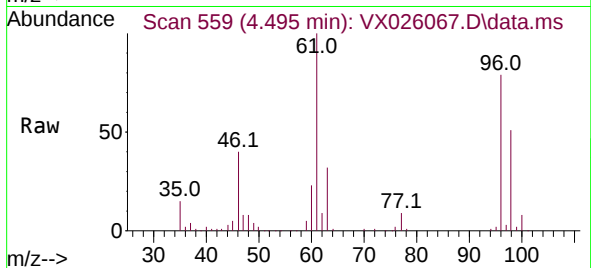
Ion	Ratio	Lower	Upper
96	100		
61	159.0	88.5	164.4
98	100.2	44.3	82.3#





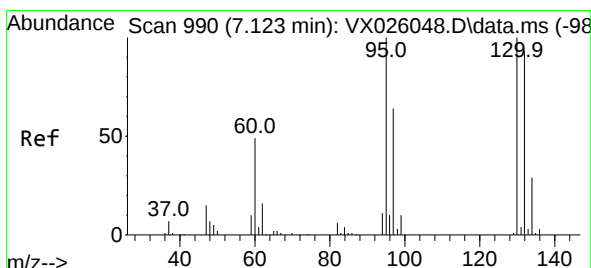
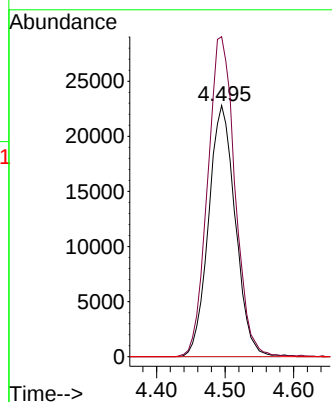
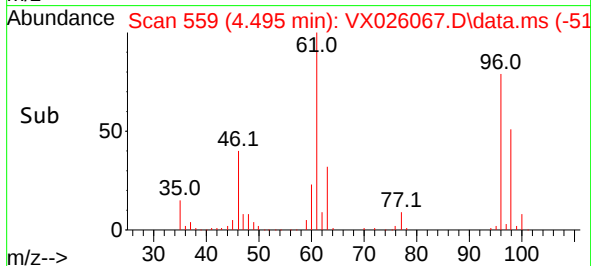
#20
cis-1,2-Dichloroethene
Concen: 42.558 ug/L
RT: 4.495 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX026067.D
Acq: 27 Dec 2021 17:17

Instrument :
MSVOA_X
ClientSampleId :

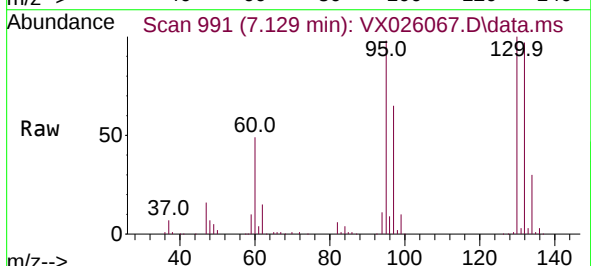


Tgt Ion: 96 Resp: 61799

Ion	Ratio	Lower	Upper
96	100		
61	127.4	82.3	152.8
68	0.0	0.0	0.0

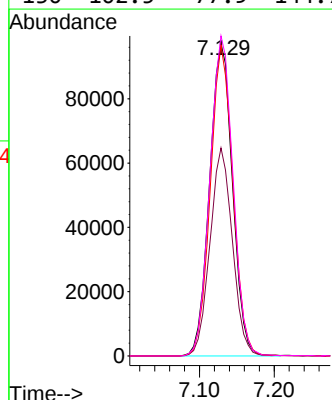
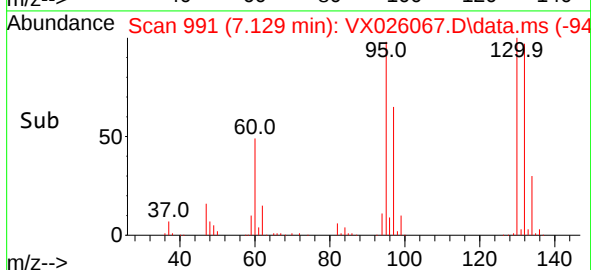


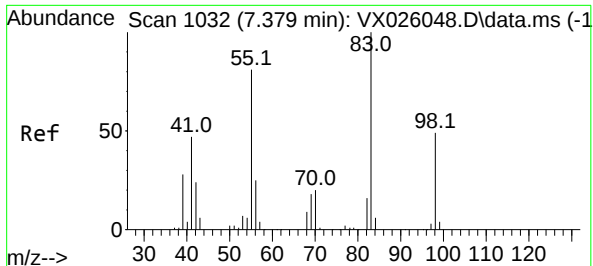
#34
Trichloroethene
Concen: 153.408 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX026067.D
Acq: 27 Dec 2021 17:17



Tgt Ion: 95 Resp: 207788

Ion	Ratio	Lower	Upper
95	100		
97	66.6	46.0	85.4
132	99.6	75.0	139.2
130	102.5	77.9	144.7

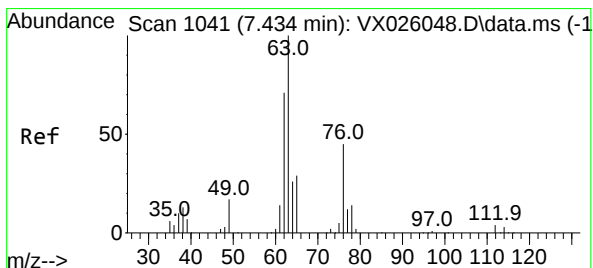
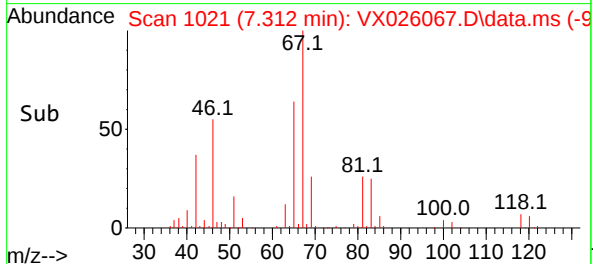
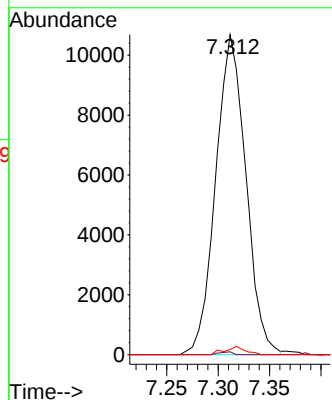
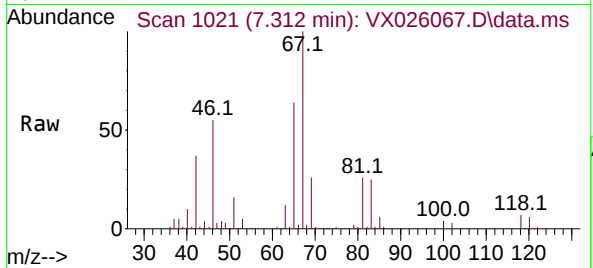




#35
Methylcyclohexane
Concen: 10.170 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX026067.D
Acq: 27 Dec 2021 17:17

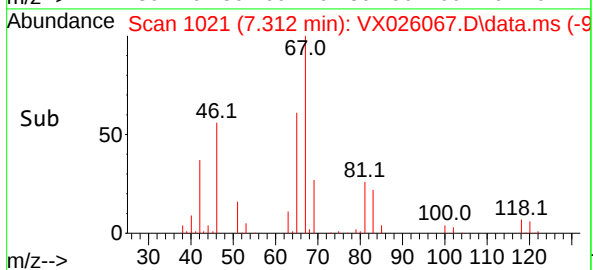
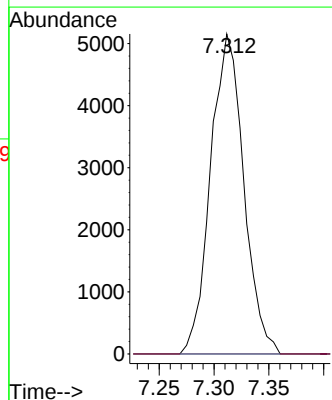
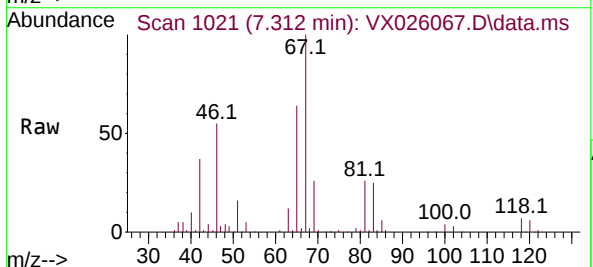
Instrument :
MSVOA_X
ClientSampleId :

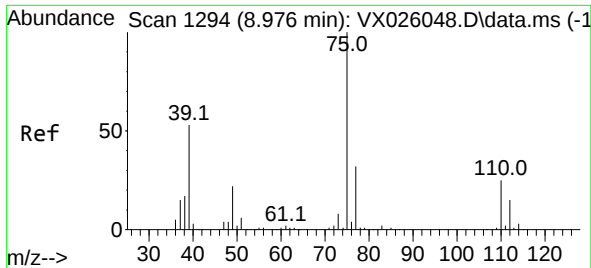
Tgt Ion: 83 Resp: 21804
Ion Ratio Lower Upper
83 100
55 0.4 57.3 85.9#
98 1.3 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 8.078 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX026067.D
Acq: 27 Dec 2021 17:17

Tgt Ion: 63 Resp: 10857
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

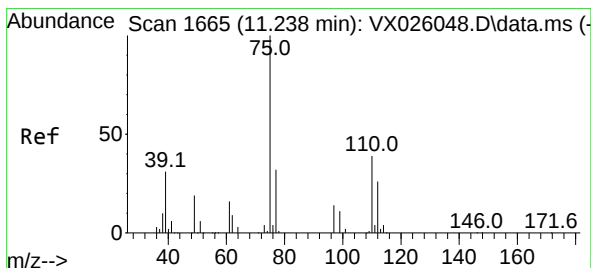
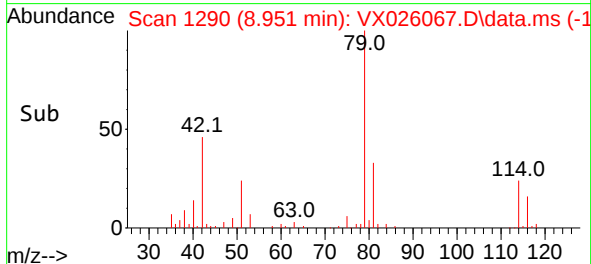
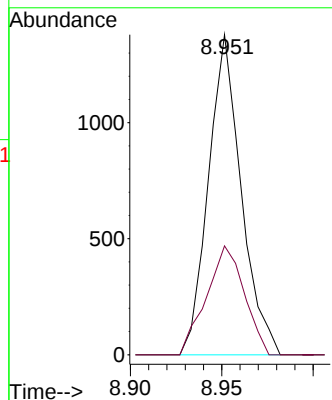
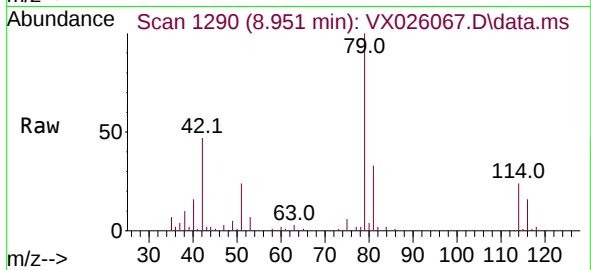




#44
trans-1,3-Dichloropropene
Concen: 0.938 ug/L
RT: 8.951 min Scan# 1719
Delta R.T. -0.031 min
Lab File: VX026067.D
Acq: 27 Dec 2021 17:17

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
77 34.0 23.0 42.8



#61
1,2,3-Trichloropropane
Concen: 6.659 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX026067.D
Acq: 27 Dec 2021 17:17

Tgt Ion: 75 Resp: 10431
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 2.7 34.7 52.1#

