

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025963.D
 Acq On : 21 Dec 2021 17:42
 Operator : JC/MD
 Sample : M5126-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:40:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

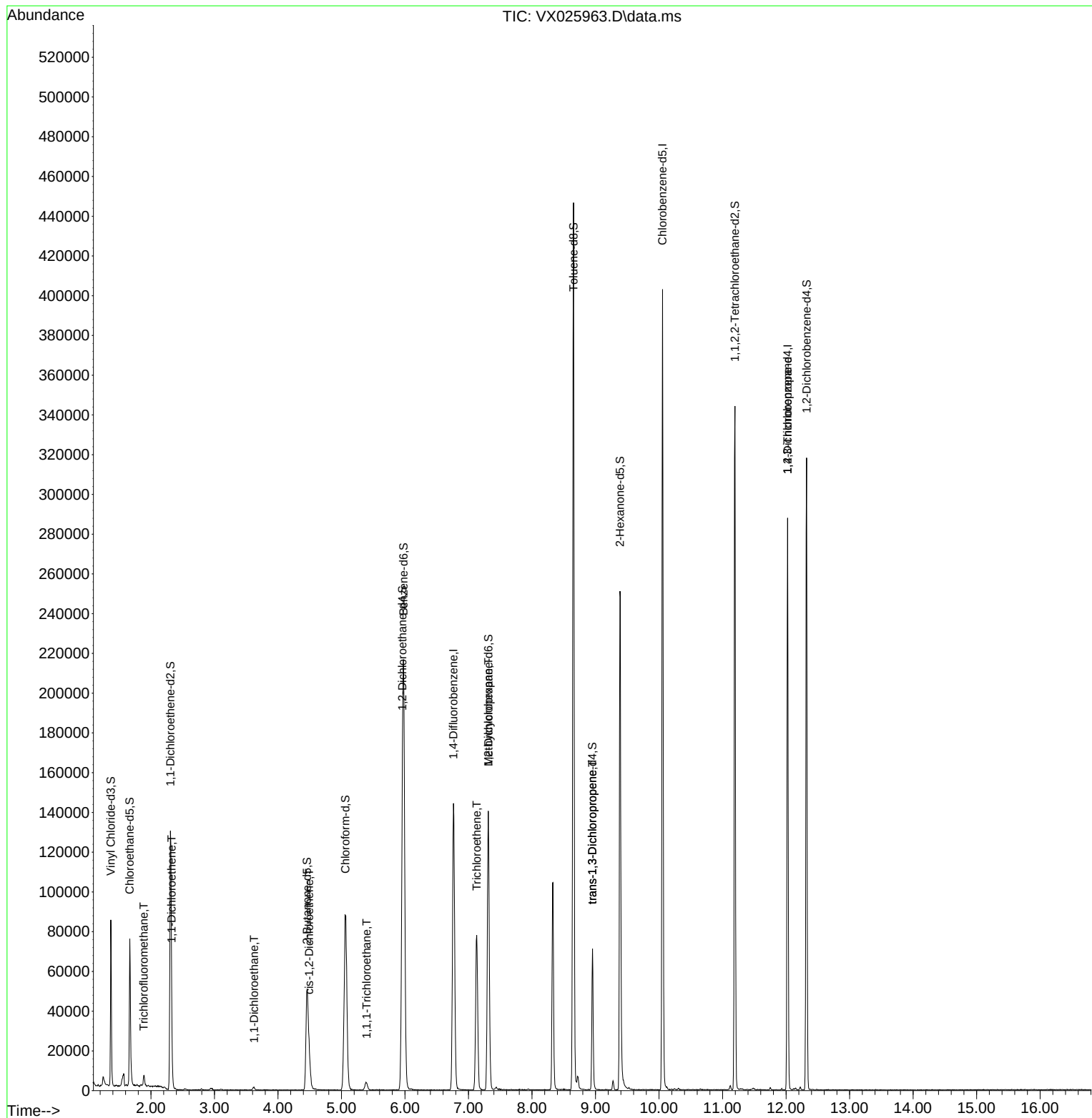
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	140166	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	172777	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	54796	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50668	44.838	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.680%		
7) Chloroethane-d5	1.666	69	46950	49.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.500%		
11) 1,1-Dichloroethene-d2	2.306	63	74278	37.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.680%		
21) 2-Butanone-d5	4.459	46	86936	106.642	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.640%		
24) Chloroform-d	5.062	84	105024	48.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.960%		
26) 1,2-Dichloroethane-d4	5.958	65	74756	52.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.820%		
32) Benzene-d6	5.977	84	209312	39.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.980%		
36) 1,2-Dichloropropane-d6	7.312	67	64834	40.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.340%		
41) Toluene-d8	8.653	98	248831	50.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.120%		
43) trans-1,3-Dichloroprop...	8.952	79	31141	44.238	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.480%		
47) 2-Hexanone-d5	9.384	63	74293	103.661	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.660%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	130752	57.890	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	115.780%		
66) 1,2-Dichlorobenzene-d4	12.323	152	61218	53.002	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.000%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.886	101	3387	1.807	ug/L	100
12) 1,1-Dichloroethene	2.325	96	4401	5.014	ug/L #	1
19) 1,1-Dichloroethane	3.623	63	1571	0.842	ug/L #	88
20) cis-1,2-Dichloroethene	4.489	96	5537	4.718	ug/L	89
30) 1,1,1-Trichloroethane	5.397	97	2205	1.040	ug/L #	73
34) Trichloroethene	7.129	95	29707	21.008	ug/L	87
35) Methylcyclohexane	7.312	83	16170	7.910	ug/L #	19
44) trans-1,3-Dichloropropene	8.952	75	1497	0.800	ug/L #	72
61) 1,2,3-Trichloropropane	12.024	75	7922	7.175	ug/L #	60

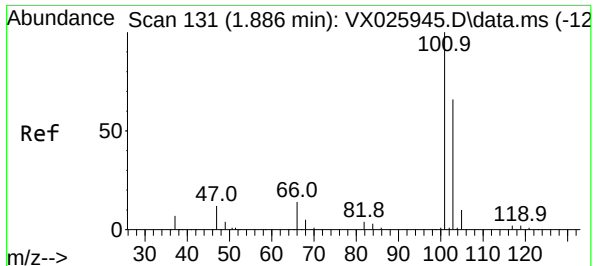
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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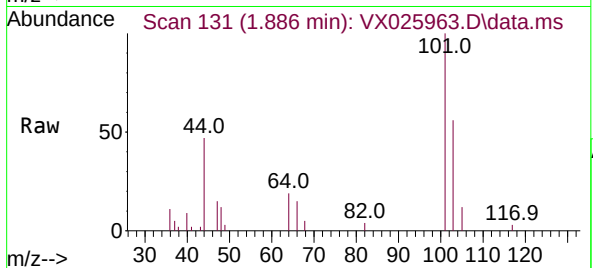
Quant Time: Dec 22 05:40:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
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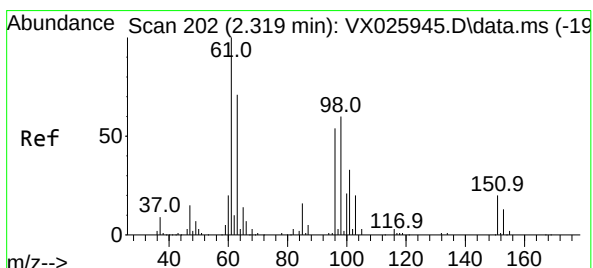
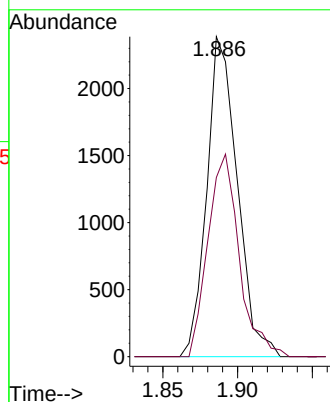
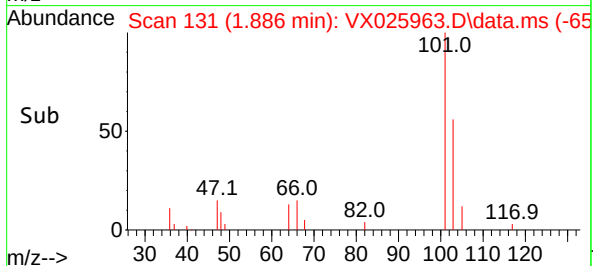


#9
 Trichlorofluoromethane
 Concen: 1.807 ug/L
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025963.D
 Acq: 21 Dec 2021 17:42

Instrument :
 MSVOA_X
 ClientSampleId :

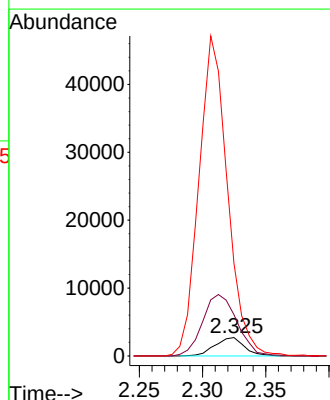
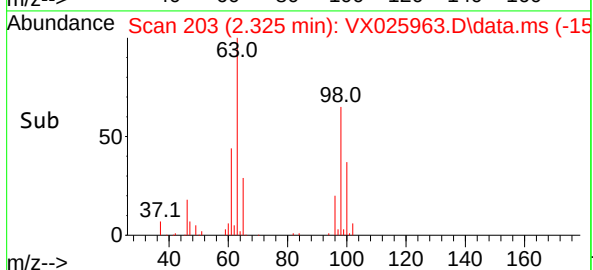
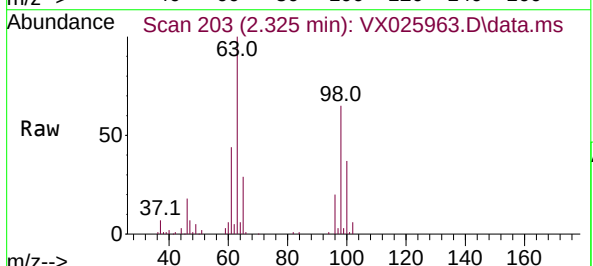


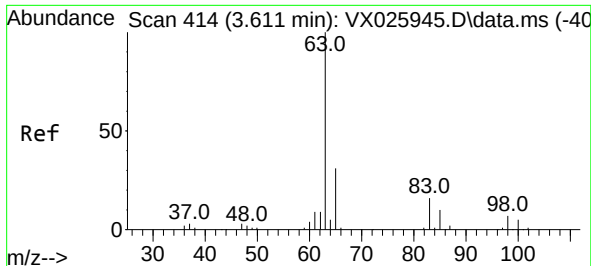
Tgt Ion:101 Resp: 3387
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.2 78.2



#12
 1,1-Dichloroethene
 Concen: 5.014 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX025963.D
 Acq: 21 Dec 2021 17:42

Tgt Ion: 96 Resp: 4401
 Ion Ratio Lower Upper
 96 100
 61 223.2 108.7 201.9#
 63 501.5 76.3 141.7#





#19

1,1-Dichloroethane

Concen: 0.842 ug/L

RT: 3.623 min Scan# 41

Delta R.T. 0.012 min

Lab File: VX025963.D

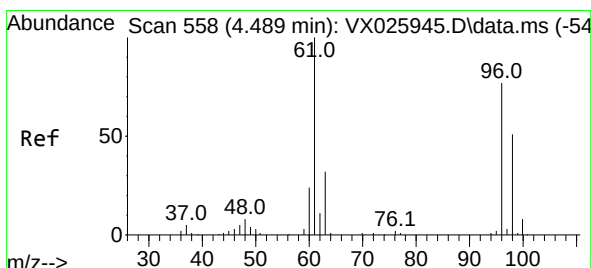
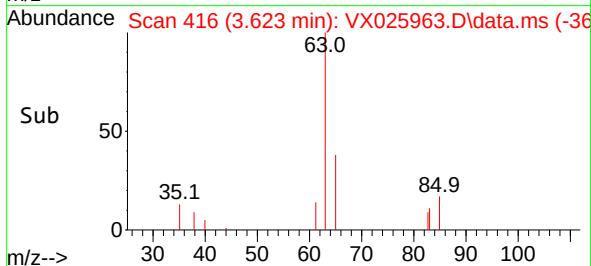
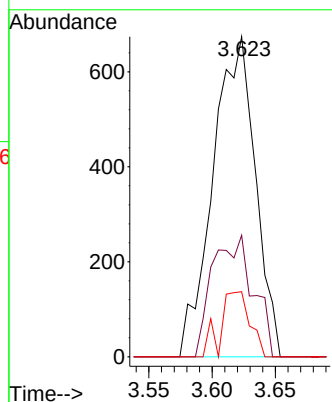
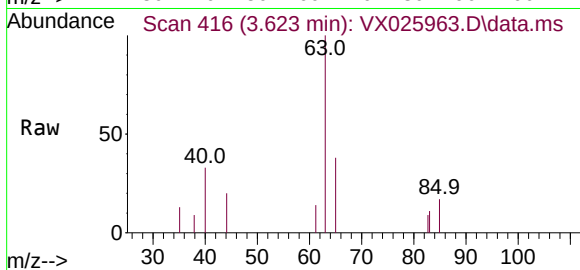
Acq: 21 Dec 2021 17:42

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 1571
Ion Ratio	Lower Upper
63 100	
65 38.0	22.2 41.2
83 20.3	10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 4.718 ug/L

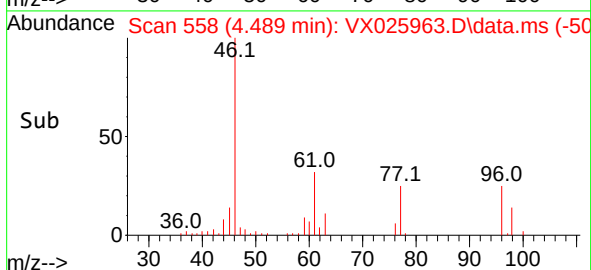
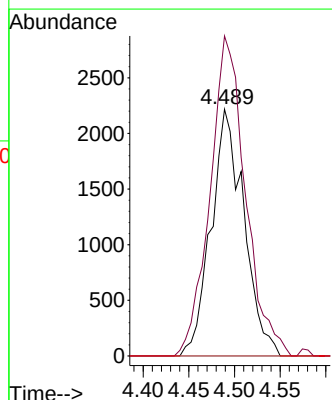
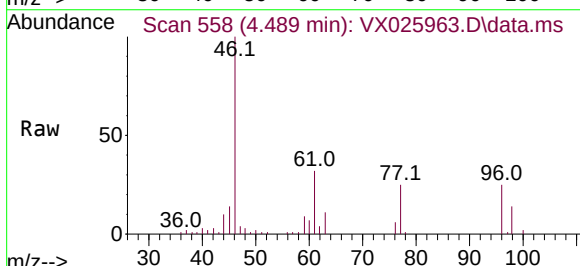
RT: 4.489 min Scan# 558

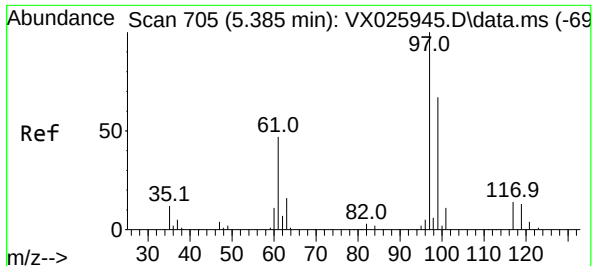
Delta R.T. 0.000 min

Lab File: VX025963.D

Acq: 21 Dec 2021 17:42

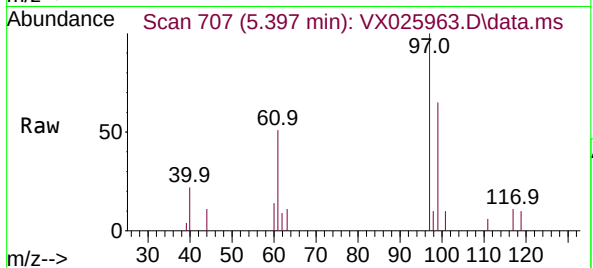
Tgt Ion: 96	Resp: 5537
Ion Ratio	Lower Upper
96 100	
61 129.7	82.3 152.8
68 0.0	0.0 0.0



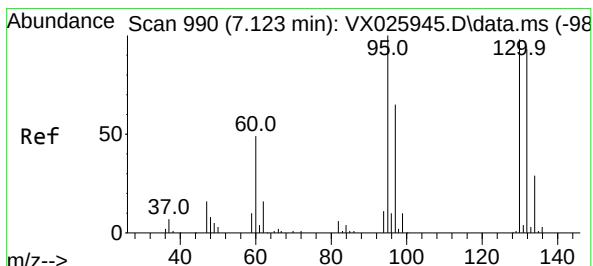
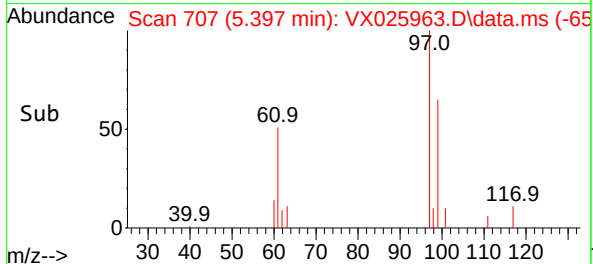
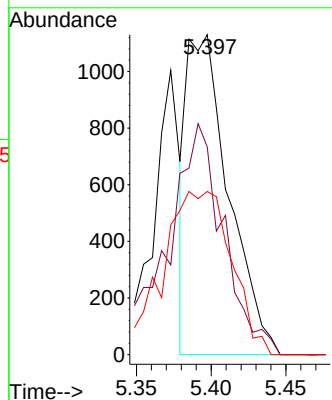


#30
1,1,1-Trichloroethane
Concen: 1.040 ug/L
RT: 5.397 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX025963.D
Acq: 21 Dec 2021 17:42

Instrument :
MSVOA_X
ClientSampleId :

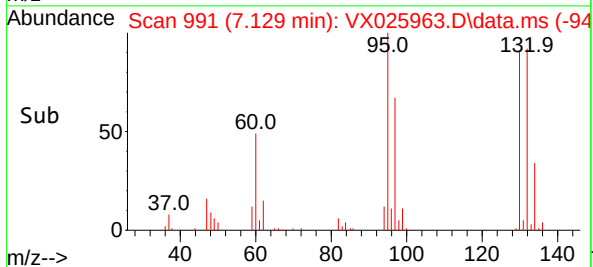
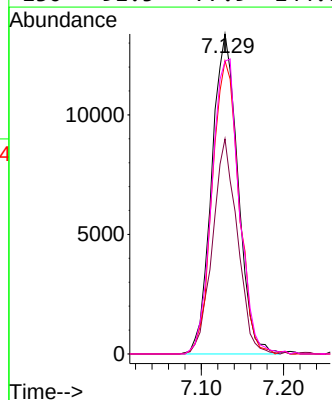
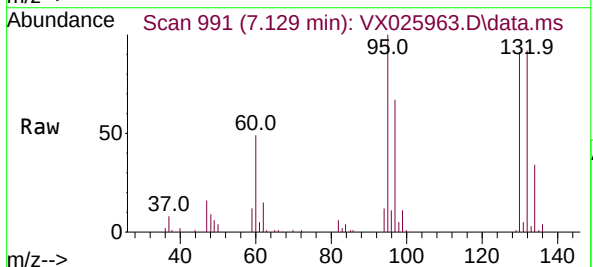


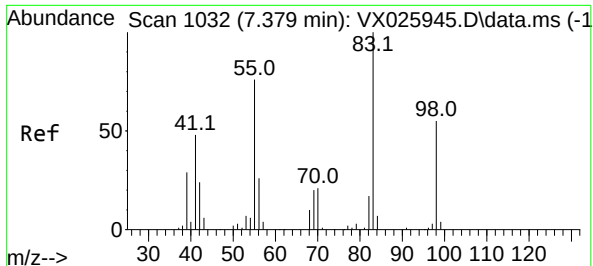
Tgt Ion: 97 Resp: 2205
Ion Ratio Lower Upper
97 100
99 94.7 51.5 77.3#
61 46.7 33.1 49.7



#34
Trichloroethene
Concen: 21.008 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025963.D
Acq: 21 Dec 2021 17:42

Tgt Ion: 95 Resp: 29707
Ion Ratio Lower Upper
95 100
97 67.2 46.0 85.4
132 91.6 75.0 139.2
130 91.5 77.9 144.7

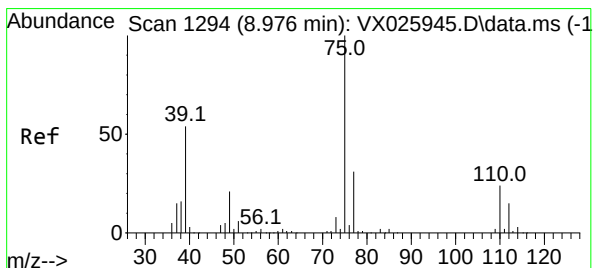
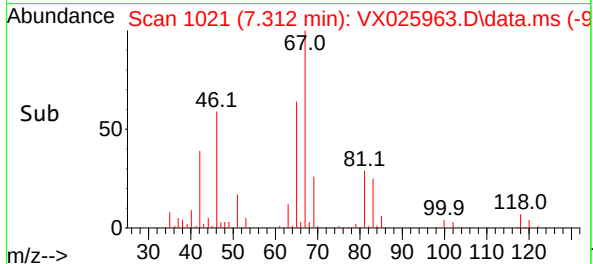
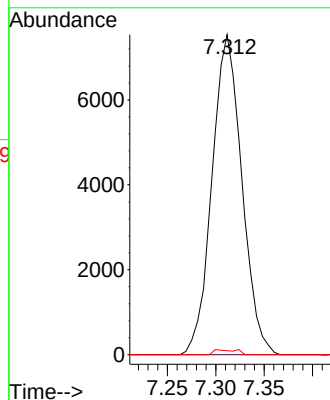
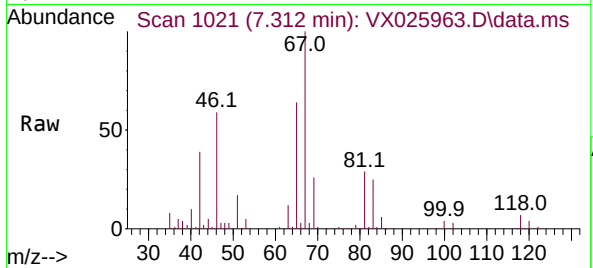




#35
Methylcyclohexane
Concen: 7.910 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX025963.D
Acq: 21 Dec 2021 17:42

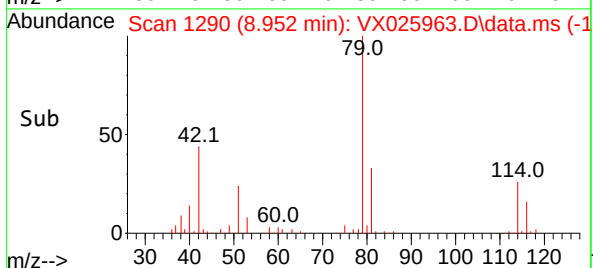
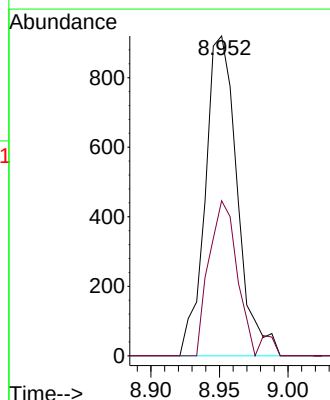
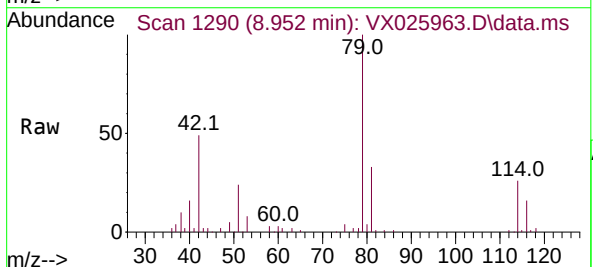
Instrument :
MSVOA_X
ClientSampleId :

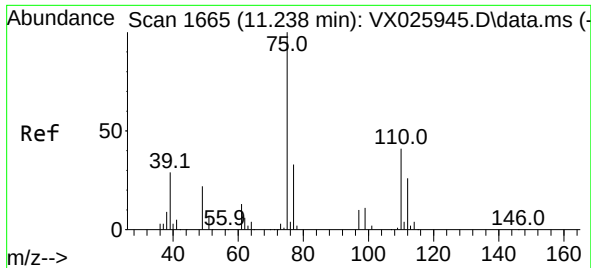
Tgt Ion: 83 Resp: 16170
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.3 41.1 61.7#



#44
trans-1,3-Dichloropropene
Concen: 0.800 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX025963.D
Acq: 21 Dec 2021 17:42

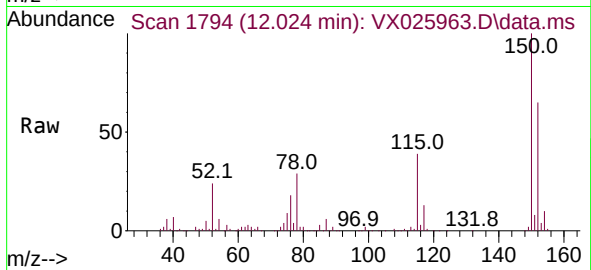
Tgt Ion: 75 Resp: 1497
Ion Ratio Lower Upper
75 100
77 48.5 23.0 42.8#





#61
 1,2,3-Trichloropropane
 Concen: 7.175 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.787 min
 Lab File: VX025963.D
 Acq: 21 Dec 2021 17:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 7922
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.8 38.8
 110 2.9 34.7 52.1#

