

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030683.D
 Acq On : 18 Aug 2022 14:27
 Operator : JC/MD
 Sample : N4221-15DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 15:13:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

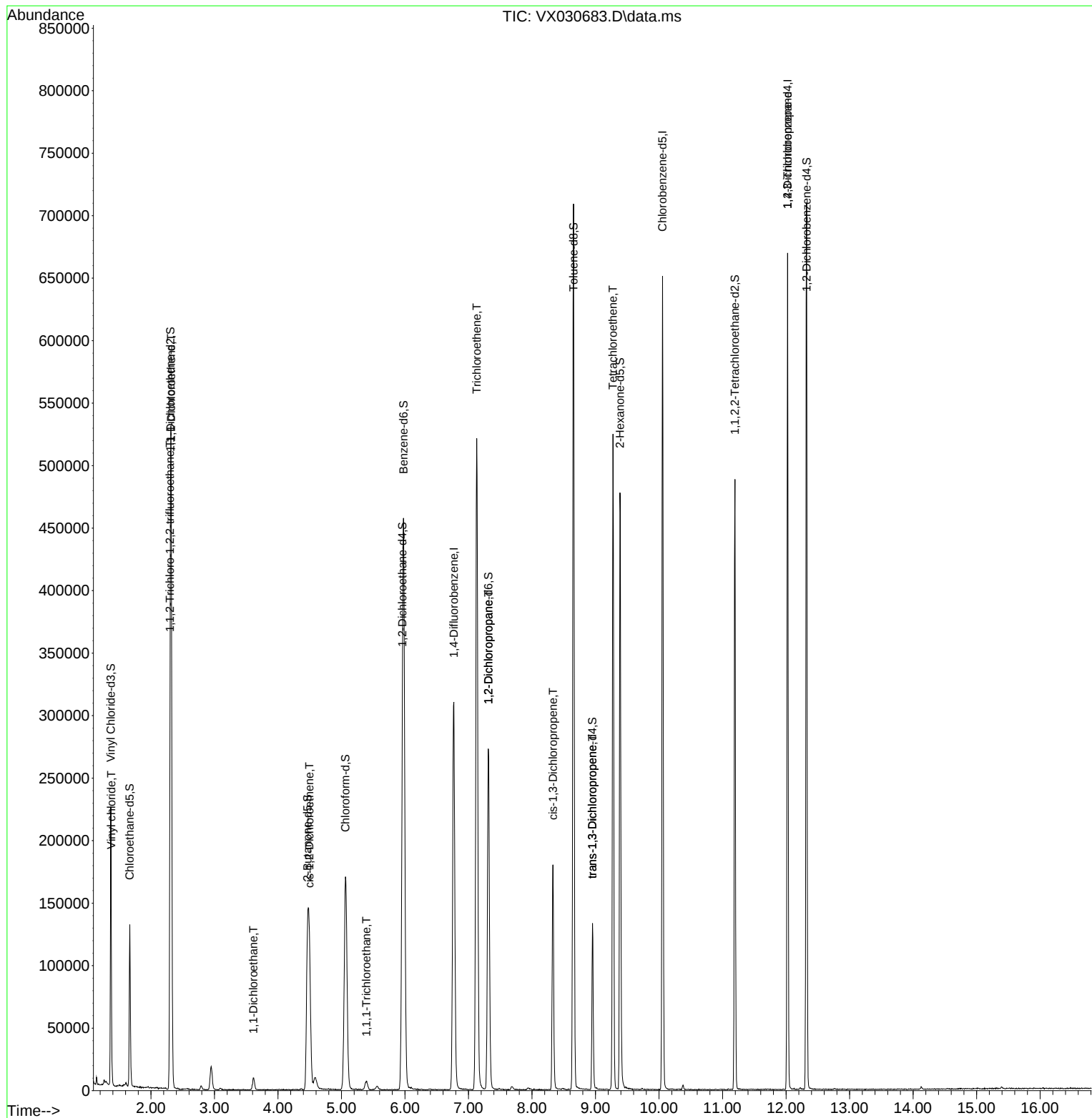
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	323504	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	292606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	130237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	111554	53.697	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.400%			
7) Chloroethane-d5	1.666	69	84923	57.987	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.980%			
11) 1,1-Dichloroethene-d2	2.306	63	225567	57.400	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.800%			
21) 2-Butanone-d5	4.465	46	196567	102.118	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.120%			
24) Chloroform-d	5.062	84	223119	52.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.340%			
26) 1,2-Dichloroethane-d4	5.958	65	140439	48.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.720%			
32) Benzene-d6	5.977	84	465651	55.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.120%			
36) 1,2-Dichloropropane-d6	7.312	67	151730	55.796	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.600%			
41) Toluene-d8	8.653	98	420614	53.238	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.480%			
43) trans-1,3-Dichloroprop...	8.952	79	64614	47.762	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.520%			
47) 2-Hexanone-d5	9.384	63	144725	104.411	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.410%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197762	55.359	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.720%			
66) 1,2-Dichlorobenzene-d4	12.323	152	146721	58.082	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 116.160%			
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	28702	12.837	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	2113	1.075	ug/L #	22
12) 1,1-Dichloroethene	2.319	96	115076	63.554	ug/L #	71
19) 1,1-Dichloroethane	3.611	63	10713	2.640	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	58142	24.639	ug/L	91
30) 1,1,1-Trichloroethane	5.391	97	4959	1.285	ug/L #	64
34) Trichloroethene	7.129	95	207495	76.365	ug/L	90
37) 1,2-Dichloropropane	7.312	63	15303	6.135	ug/L #	90
39) cis-1,3-Dichloropropene	8.330	75	3765	1.012	ug/L #	76
44) trans-1,3-Dichloropropene	8.952	75	2536	0.696	ug/L #	80
46) Tetrachloroethene	9.275	164	96065	55.943	ug/L	97
61) 1,2,3-Trichloropropane	12.024	75	16276	5.819	ug/L #	68

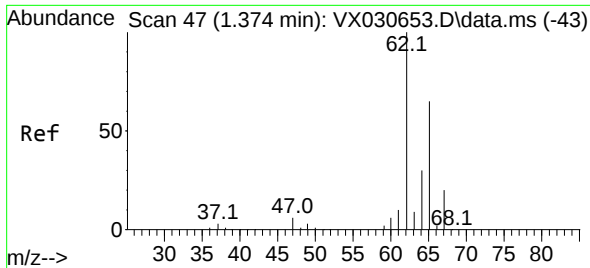
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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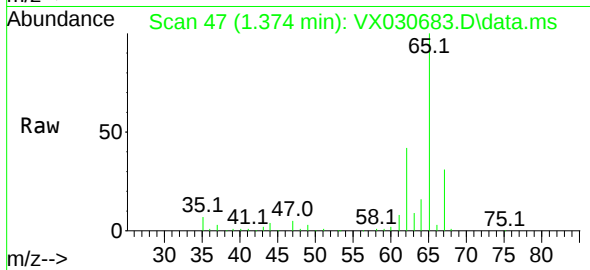
Quant Time: Aug 18 15:13:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
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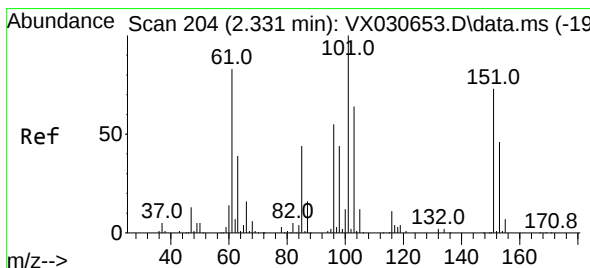
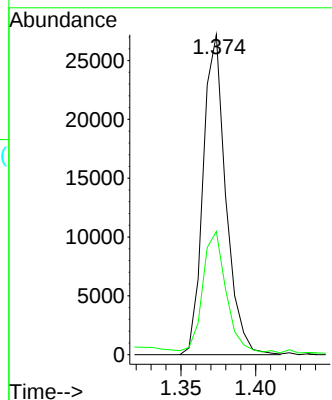
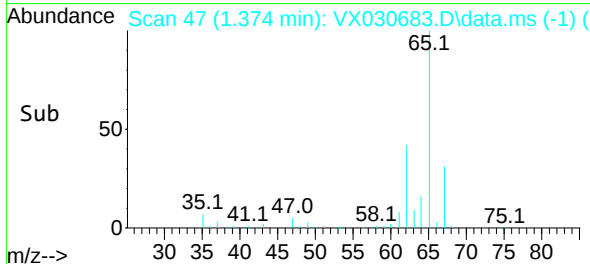


#5
 Vinyl chloride
 Concen: 12.837 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030683.D
 Acq: 18 Aug 2022 14:27

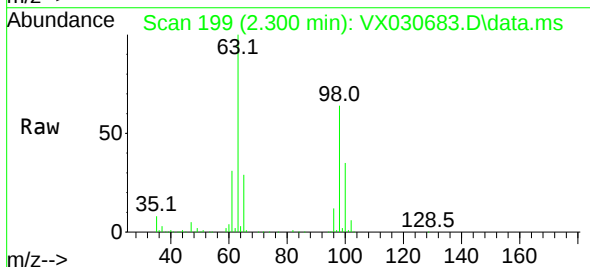
Instrument :
 MSVOA_X
 ClientSampleId :



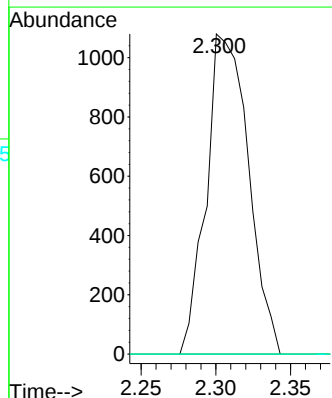
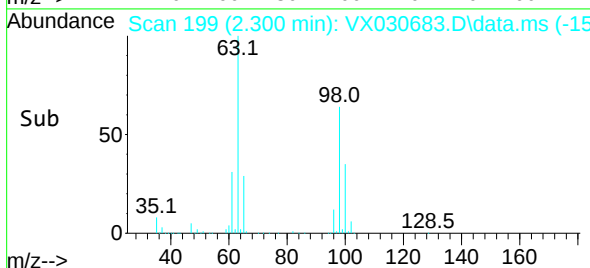
Tgt Ion: 62 Resp: 28702
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.8 44.2

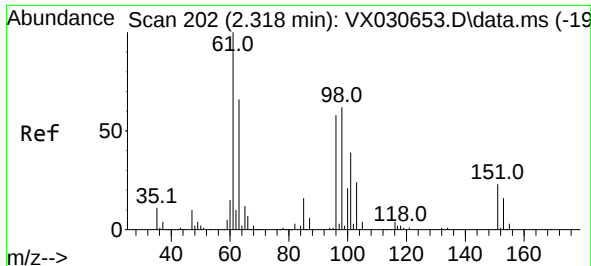


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.075 ug/L
 RT: 2.300 min Scan# 199
 Delta R.T. -0.030 min
 Lab File: VX030683.D
 Acq: 18 Aug 2022 14:27



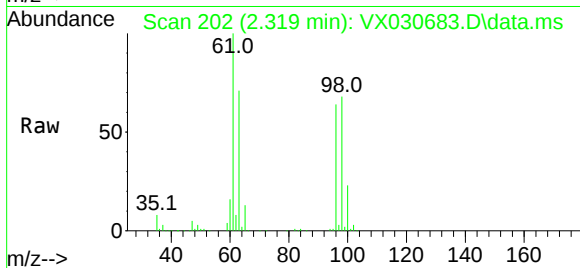
Tgt Ion: 101 Resp: 2113
 Ion Ratio Lower Upper
 101 100
 85 2.6 35.3 52.9#
 151 0.0 58.3 87.5#



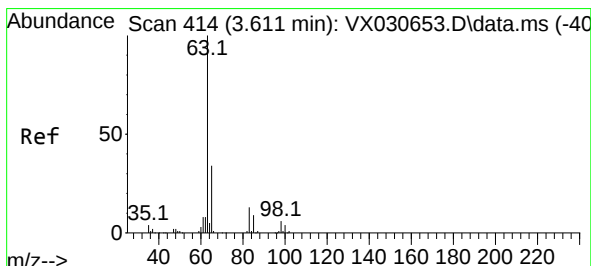
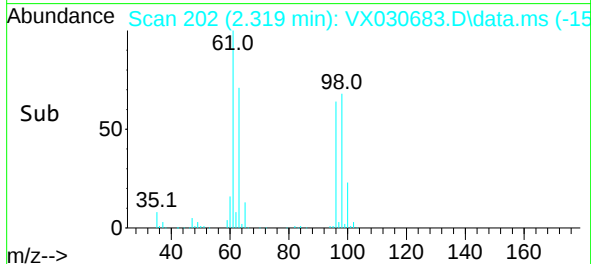
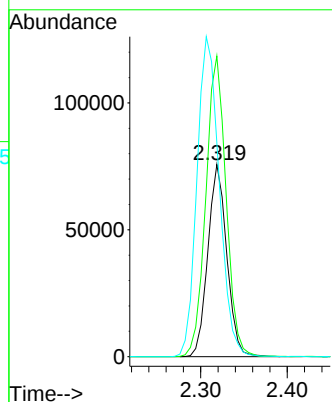


#12
1,1-Dichloroethene
Concen: 63.554 ug/L
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

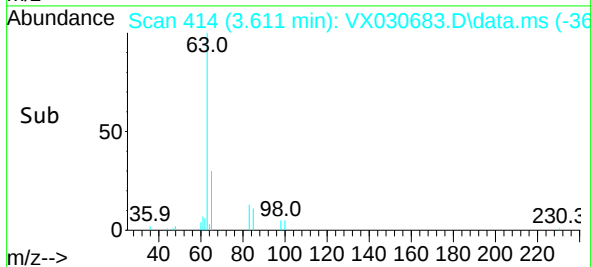
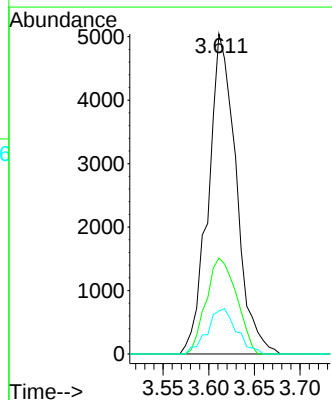
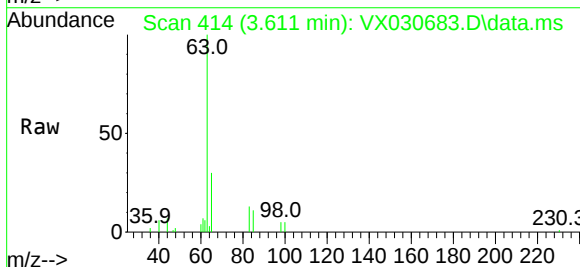


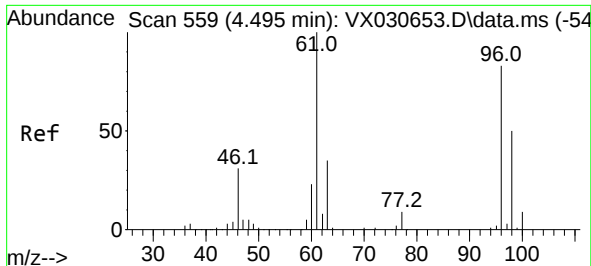
Tgt Ion: 96 Resp: 115076
Ion Ratio Lower Upper
96 100
61 156.4 130.2 241.8
63 111.4 113.5 210.9#



#19
1,1-Dichloroethane
Concen: 2.640 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Tgt Ion: 63 Resp: 10713
Ion Ratio Lower Upper
63 100
65 30.0 22.0 40.8
83 13.4 9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 24.639 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

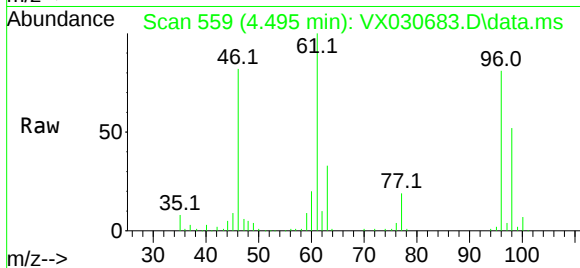
Lab File: VX030683.D

Acq: 18 Aug 2022 14:27

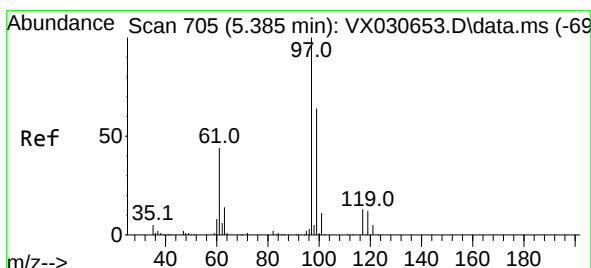
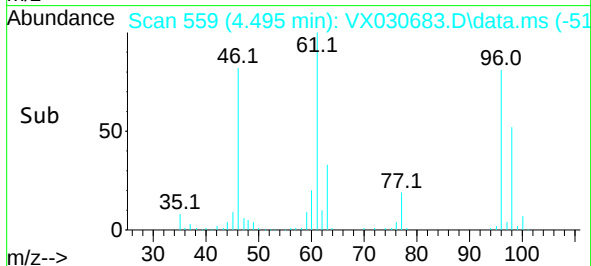
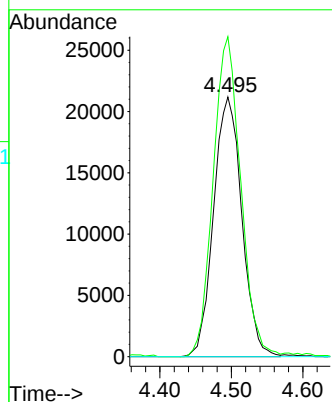
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	58142
Ion	Ratio	Lower	Upper
96	100		
61	123.2	94.0	174.6
68	0.0	0.0	0.0



#30

1,1,1-Trichloroethane

Concen: 1.285 ug/L

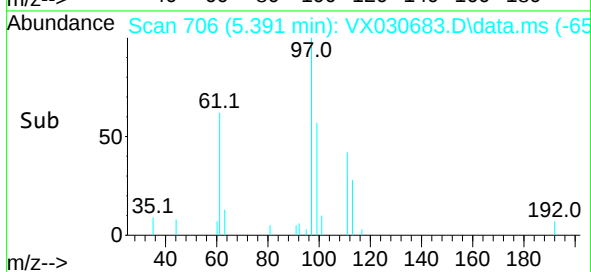
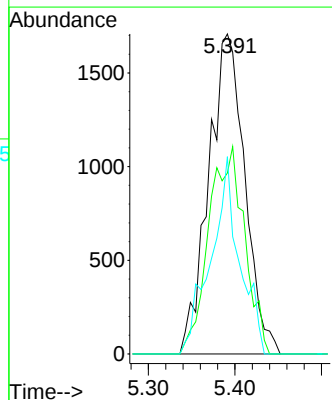
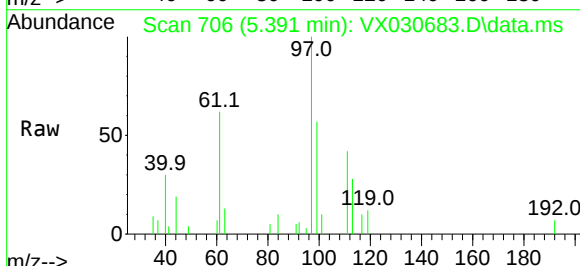
RT: 5.391 min Scan# 706

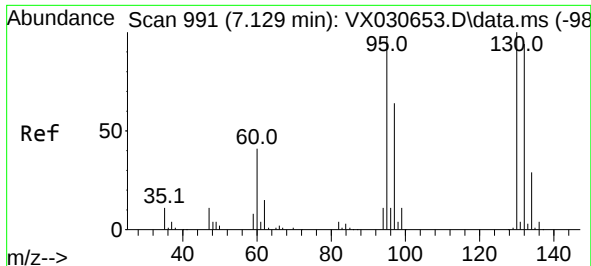
Delta R.T. 0.006 min

Lab File: VX030683.D

Acq: 18 Aug 2022 14:27

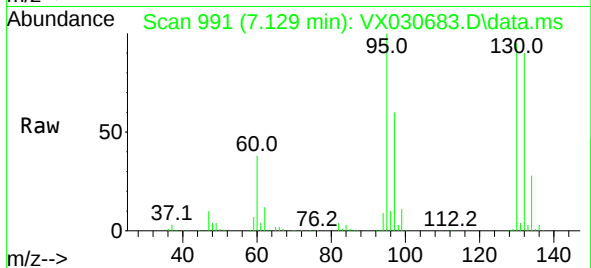
Tgt Ion:	97	Resp:	4959
Ion	Ratio	Lower	Upper
97	100		
99	34.5	51.4	77.0#
61	24.7	37.0	55.6#



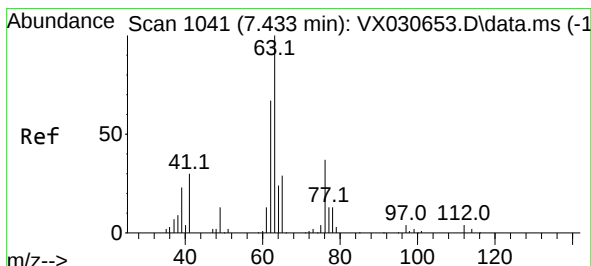
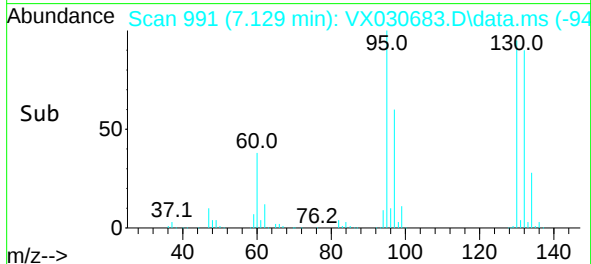
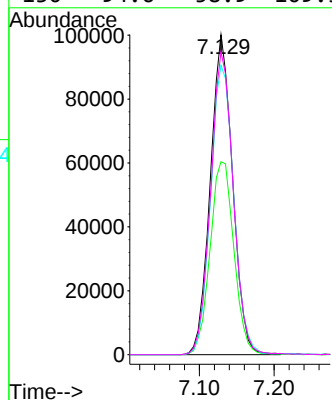


#34
Trichloroethene
Concen: 76.365 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :

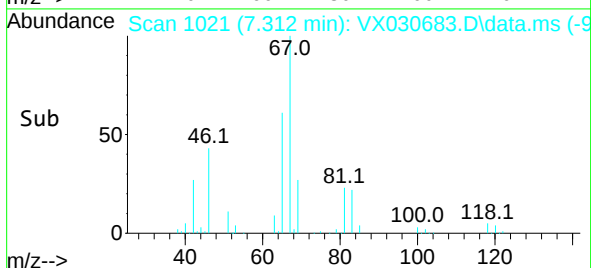
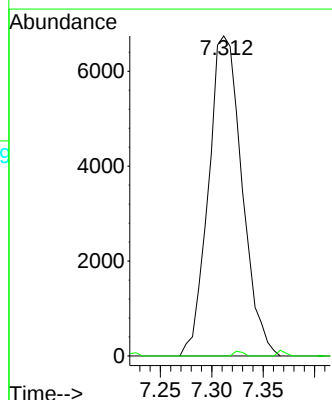
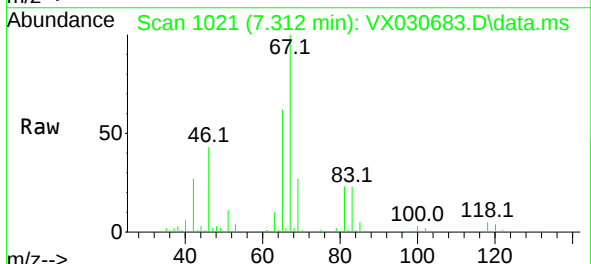


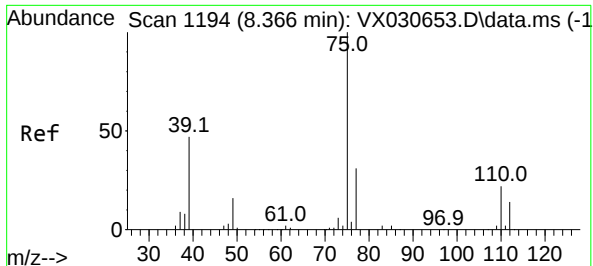
Tgt Ion: 95 Resp: 207495
Ion Ratio Lower Upper
95 100
97 60.3 40.2 74.6
132 90.4 55.3 102.7
130 94.6 58.9 109.5



#37
1,2-Dichloropropane
Concen: 6.135 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Tgt Ion: 63 Resp: 15303
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX030683.D

Acq: 18 Aug 2022 14:27

Instrument :

MSVOA_X

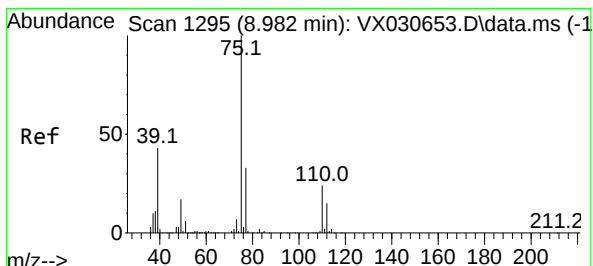
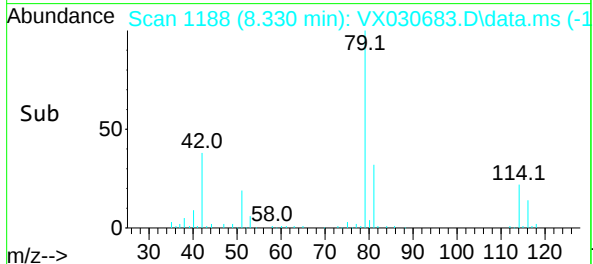
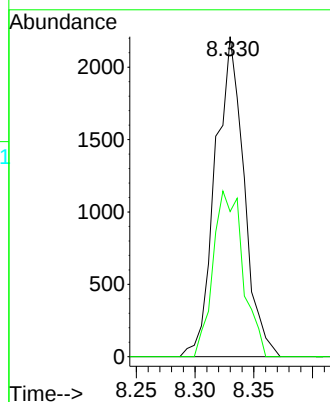
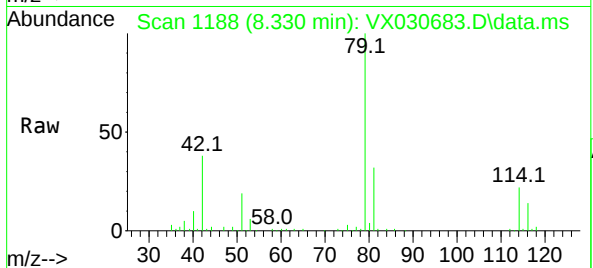
ClientSampleId :

Tgt Ion: 75 Resp: 3765

Ion Ratio Lower Upper

75 100

77 45.4 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.696 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX030683.D

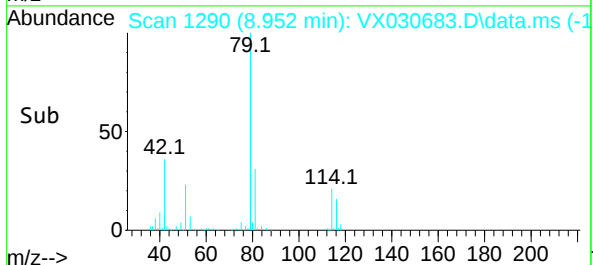
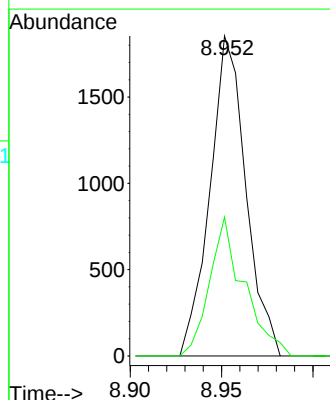
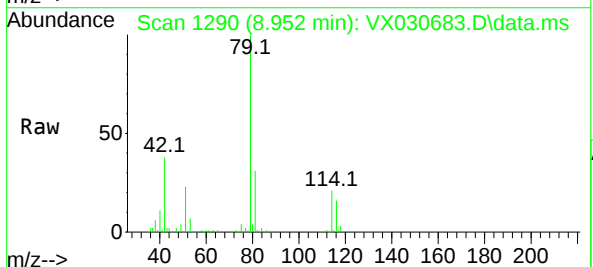
Acq: 18 Aug 2022 14:27

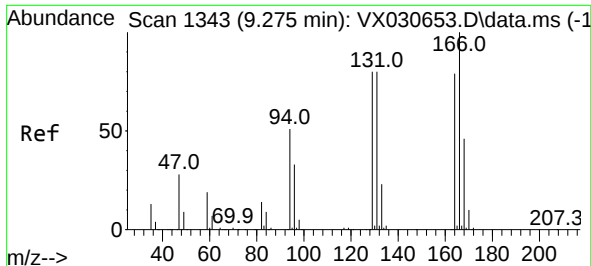
Tgt Ion: 75 Resp: 2536

Ion Ratio Lower Upper

75 100

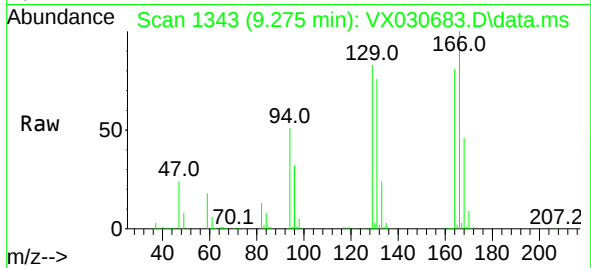
77 43.4 22.5 41.7#



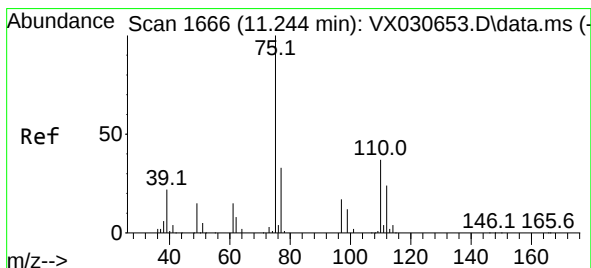
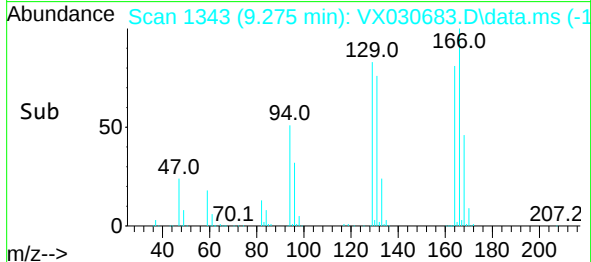
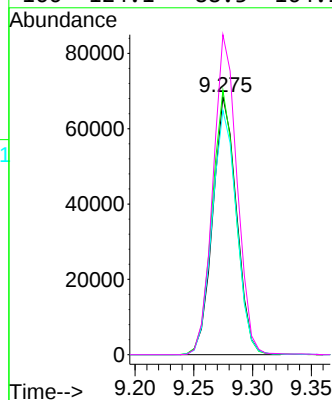


#46
Tetrachloroethene
Concen: 55.943 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 96065
Ion Ratio Lower Upper
164 100
129 102.6 72.7 135.1
131 94.8 69.9 129.9
166 124.1 88.3 164.1



#61
1,2,3-Trichloropropane
Concen: 5.819 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030683.D
Acq: 18 Aug 2022 14:27

Tgt Ion: 75 Resp: 16276
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
110 3.1 30.5 45.7#

