

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025962.D
 Acq On : 21 Dec 2021 17:19
 Operator : JC/MD
 Sample : M5126-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:39:53 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

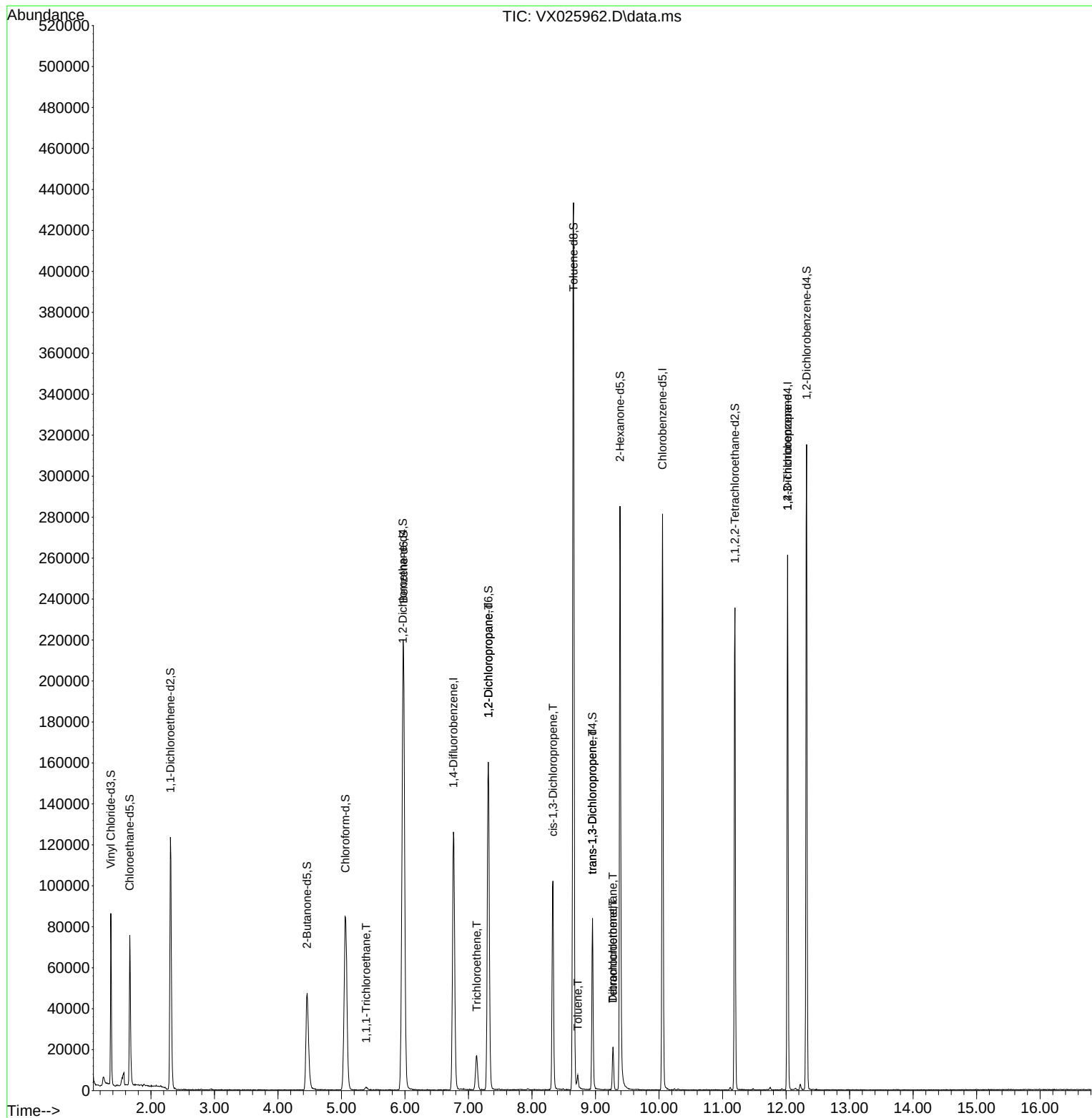
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	123511	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	119812	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	50098	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50299	50.513	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 101.020%		
7) Chloroethane-d5	1.666	69	46772	56.249	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 112.500%		
11) 1,1-Dichloroethene-d2	2.306	63	70868	40.976	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 81.960%		
21) 2-Butanone-d5	4.458	46	82422	114.739	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 114.740%		
24) Chloroform-d	5.062	84	105104	55.063	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.120%		
26) 1,2-Dichloroethane-d4	5.964	65	71709	57.601	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.200%		
32) Benzene-d6	5.977	84	206202	56.806	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 113.620%		
36) 1,2-Dichloropropane-d6	7.312	67	81115	73.368	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 146.740%#		
41) Toluene-d8	8.653	98	255572	74.152	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 148.300%#		
43) trans-1,3-Dichloroprop...	8.952	79	34930	71.556	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 143.120%#		
47) 2-Hexanone-d5	9.384	63	78815	158.585	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 158.590%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	86337	55.124	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 110.240%		
66) 1,2-Dichlorobenzene-d4	12.323	152	58254	55.165	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 110.340%		
Target Compounds						Qvalue
30) 1,1,1-Trichloroethane	5.385	97	1320	0.898	ug/L #	81
34) Trichloroethene	7.129	95	5359	5.465	ug/L	94
37) 1,2-Dichloropropane	7.312	63	9003	9.634	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	2282	1.651	ug/L #	38
42) Toluene	8.720	91	3752	0.918	ug/L	91
44) trans-1,3-Dichloropropene	8.952	75	1837	1.415	ug/L	84
46) Tetrachloroethene	9.275	164	3821	5.081	ug/L	87
49) Dibromochloromethane	9.275	129	3653	3.589	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	7060	6.994	ug/L #	61

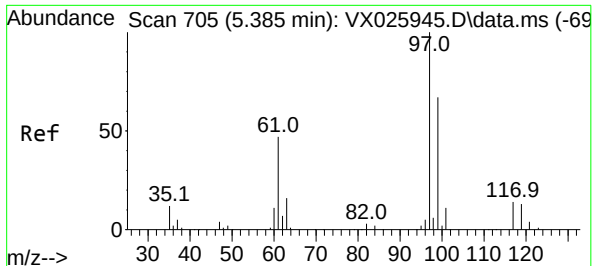
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 05:39:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
Response via : Initial Calibration





#30

1,1,1-Trichloroethane

Concen: 0.898 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025962.D

Acq: 21 Dec 2021 17:19

Instrument :

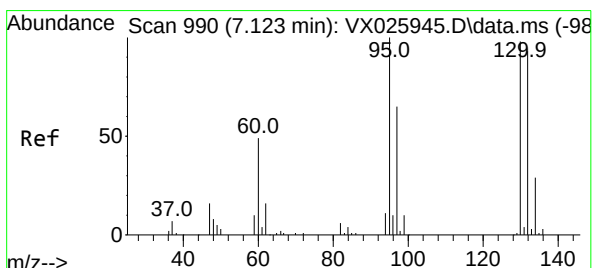
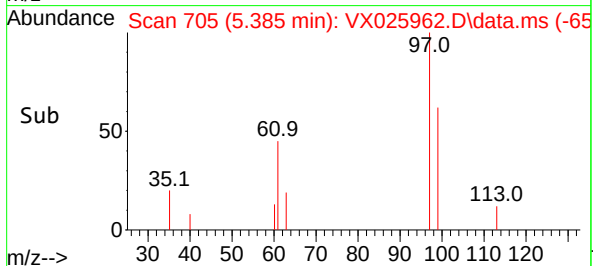
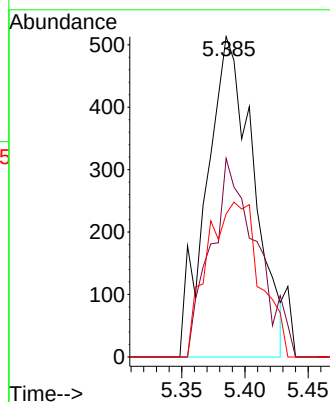
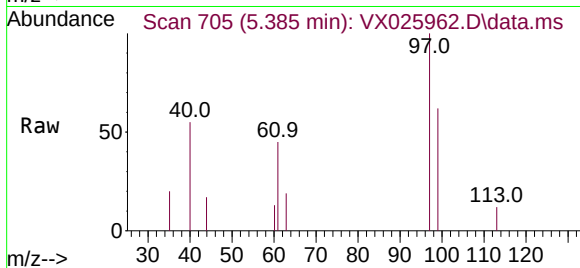
MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 1320

Ion Ratio Lower Upper

97	100		
99	56.2	51.5	77.3
61	20.3	33.1	49.7



#34

Trichloroethene

Concen: 5.465 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

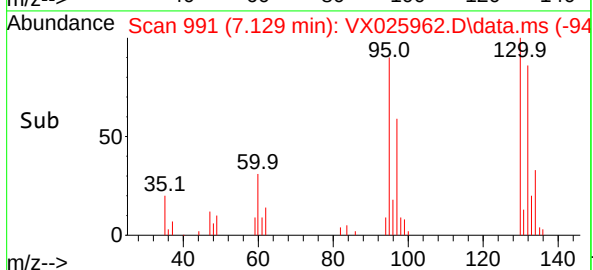
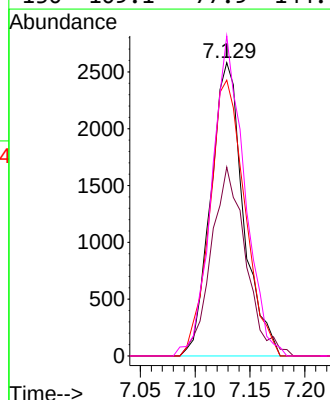
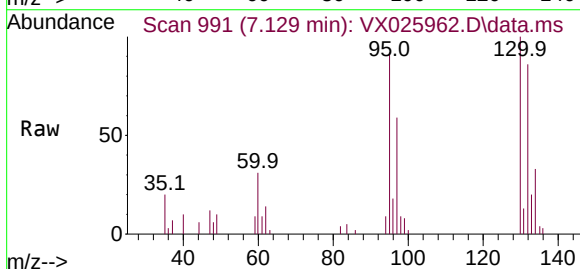
Lab File: VX025962.D

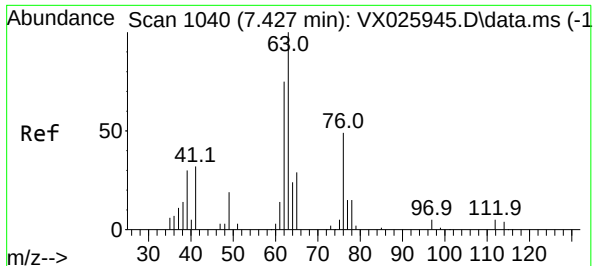
Acq: 21 Dec 2021 17:19

Tgt Ion: 95 Resp: 5359

Ion Ratio Lower Upper

95	100		
97	64.4	46.0	85.4
132	94.1	75.0	139.2
130	109.1	77.9	144.7





#37

1,2-Dichloropropane

Concen: 9.634 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025962.D

Acq: 21 Dec 2021 17:19

Instrument :

MSVOA_X

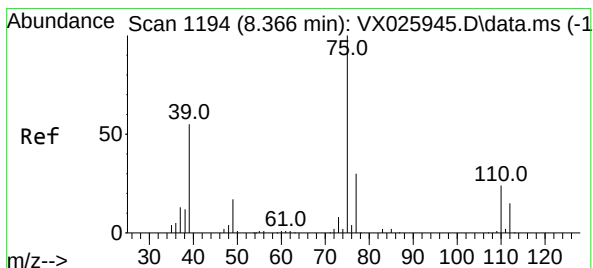
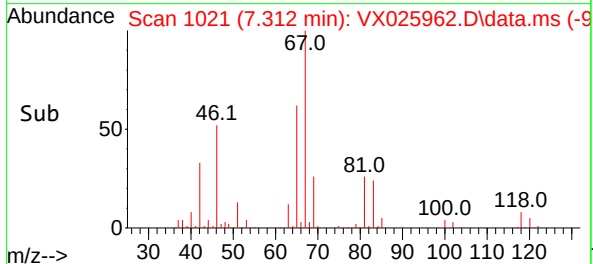
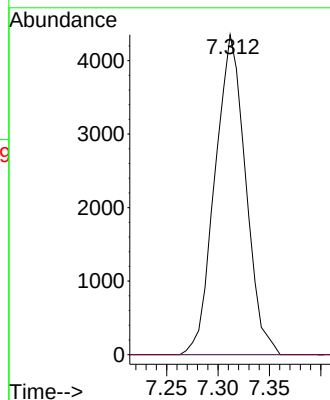
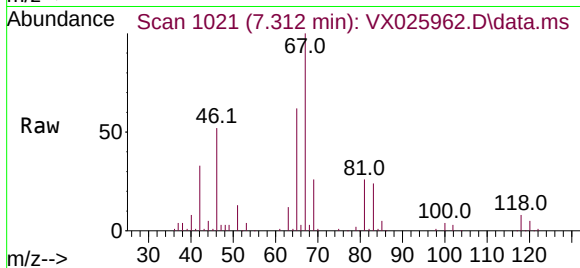
ClientSampleId :

Tgt Ion: 63 Resp: 9003

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.651 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX025962.D

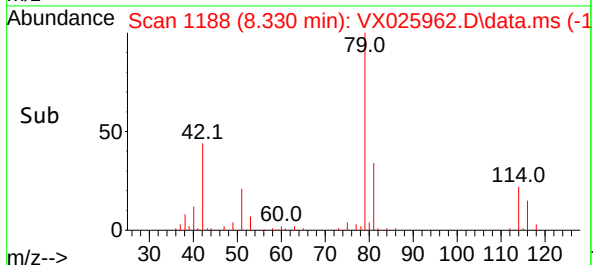
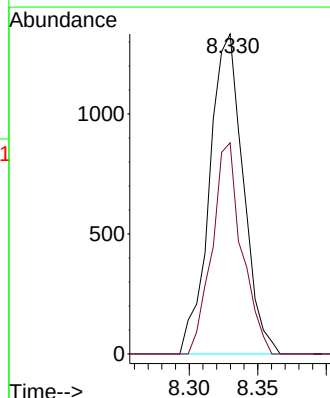
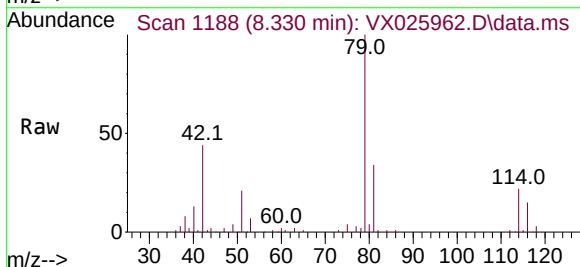
Acq: 21 Dec 2021 17:19

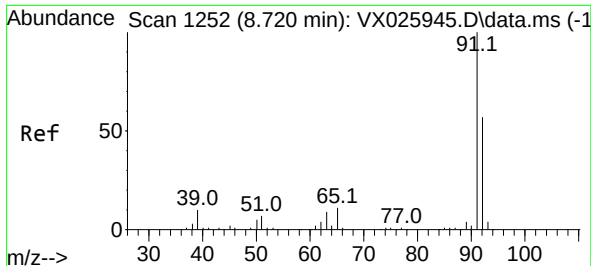
Tgt Ion: 75 Resp: 2282

Ion Ratio Lower Upper

75 100

77 66.0 22.3 41.3#





#42

Toluene

Concen: 0.918 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025962.D

Acq: 21 Dec 2021 17:19

Instrument :

MSVOA_X

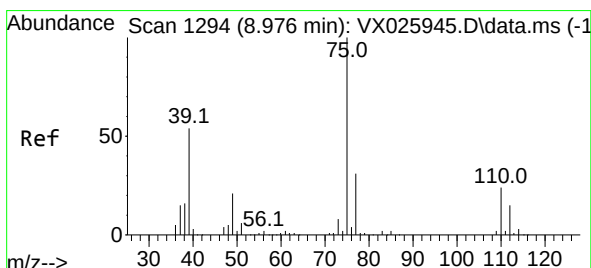
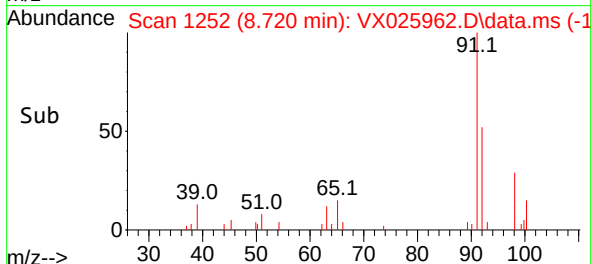
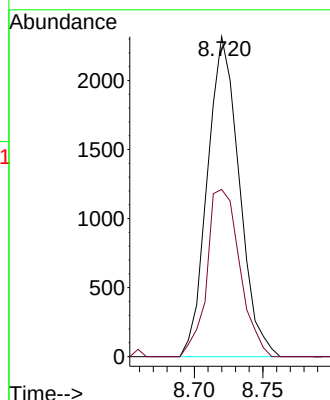
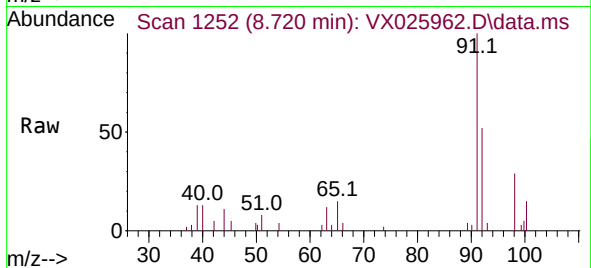
ClientSampleId :

Tgt Ion: 91 Resp: 3752

Ion Ratio Lower Upper

91 100

92 52.2 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 1.415 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025962.D

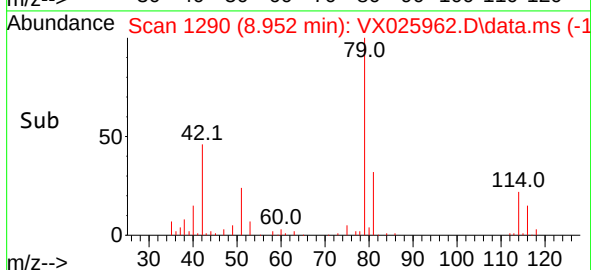
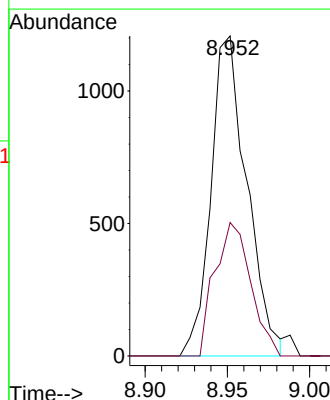
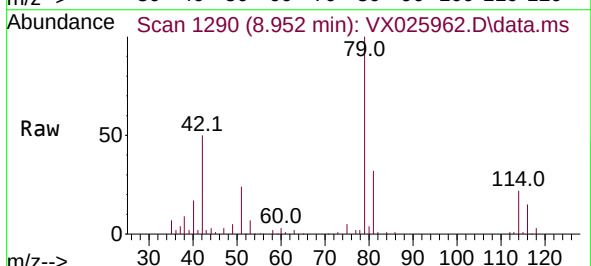
Acq: 21 Dec 2021 17:19

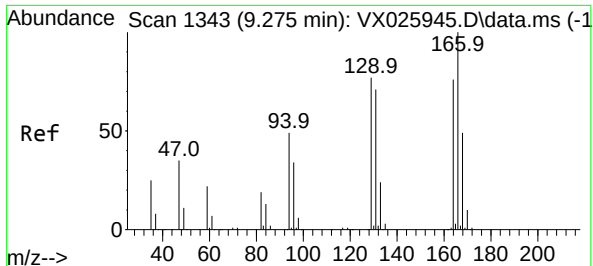
Tgt Ion: 75 Resp: 1837

Ion Ratio Lower Upper

75 100

77 41.7 23.0 42.8

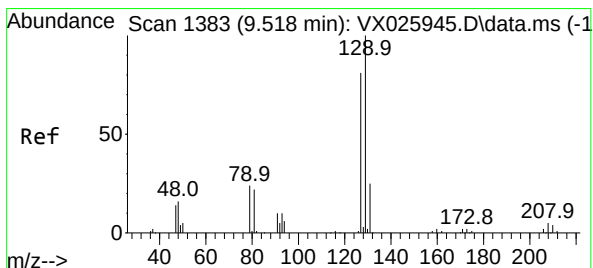
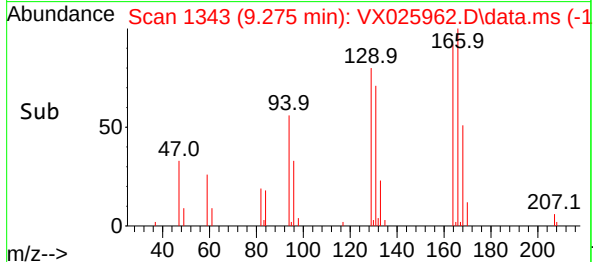
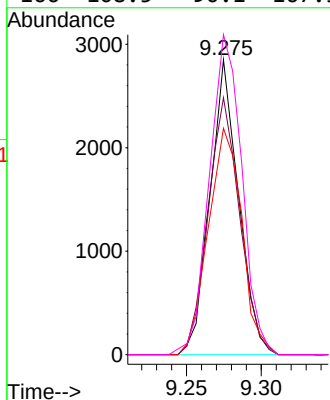
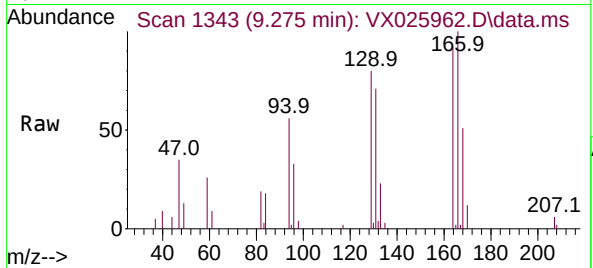




#46
Tetrachloroethene
Concen: 5.081 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025962.D
Acq: 21 Dec 2021 17:19

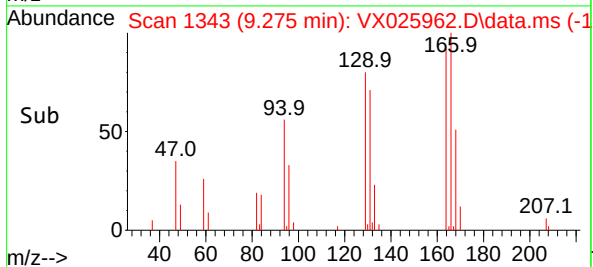
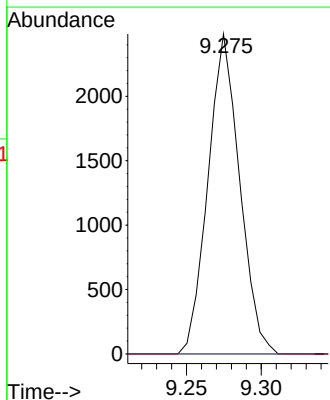
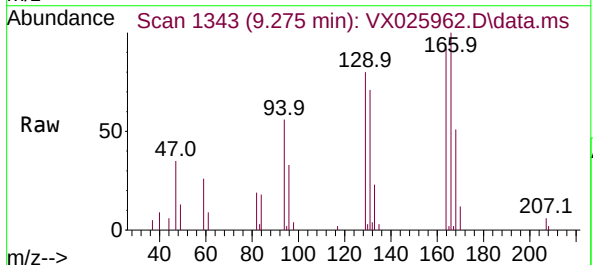
Instrument :
MSVOA_X
ClientSampleId :

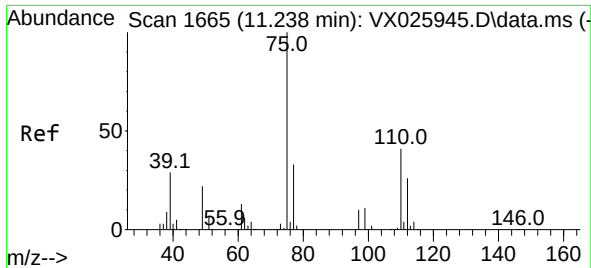
Tgt Ion:164	Resp:	3821
Ion	Ratio	Lower Upper
164	100	
129	87.1	64.7 120.1
131	76.7	63.2 117.4
166	108.5	90.1 167.3



#49
Dibromochloromethane
Concen: 3.589 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX025962.D
Acq: 21 Dec 2021 17:19

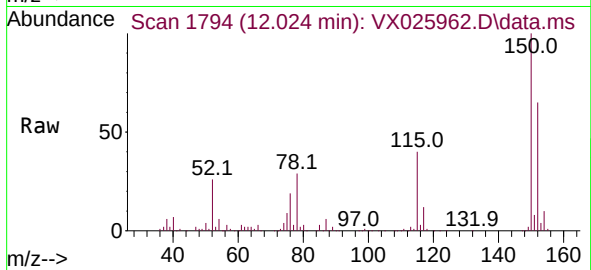
Tgt Ion:129	Resp:	3653
Ion	Ratio	Lower Upper
129	100	
127	0.0	52.4 97.2#





#61
 1,2,3-Trichloropropane
 Concen: 6.994 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.787 min
 Lab File: VX025962.D
 Acq: 21 Dec 2021 17:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75	Resp:	7060
Ion	Ratio	Lower Upper
75	100	
77	35.2	25.8 38.8
110	2.7	34.7 52.1#

