

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022428.D
 Acq On : 30 Sep 2021 13:42
 Operator : SY/MD
 Sample : M3978-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A21

Quant Time: Oct 01 02:41:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

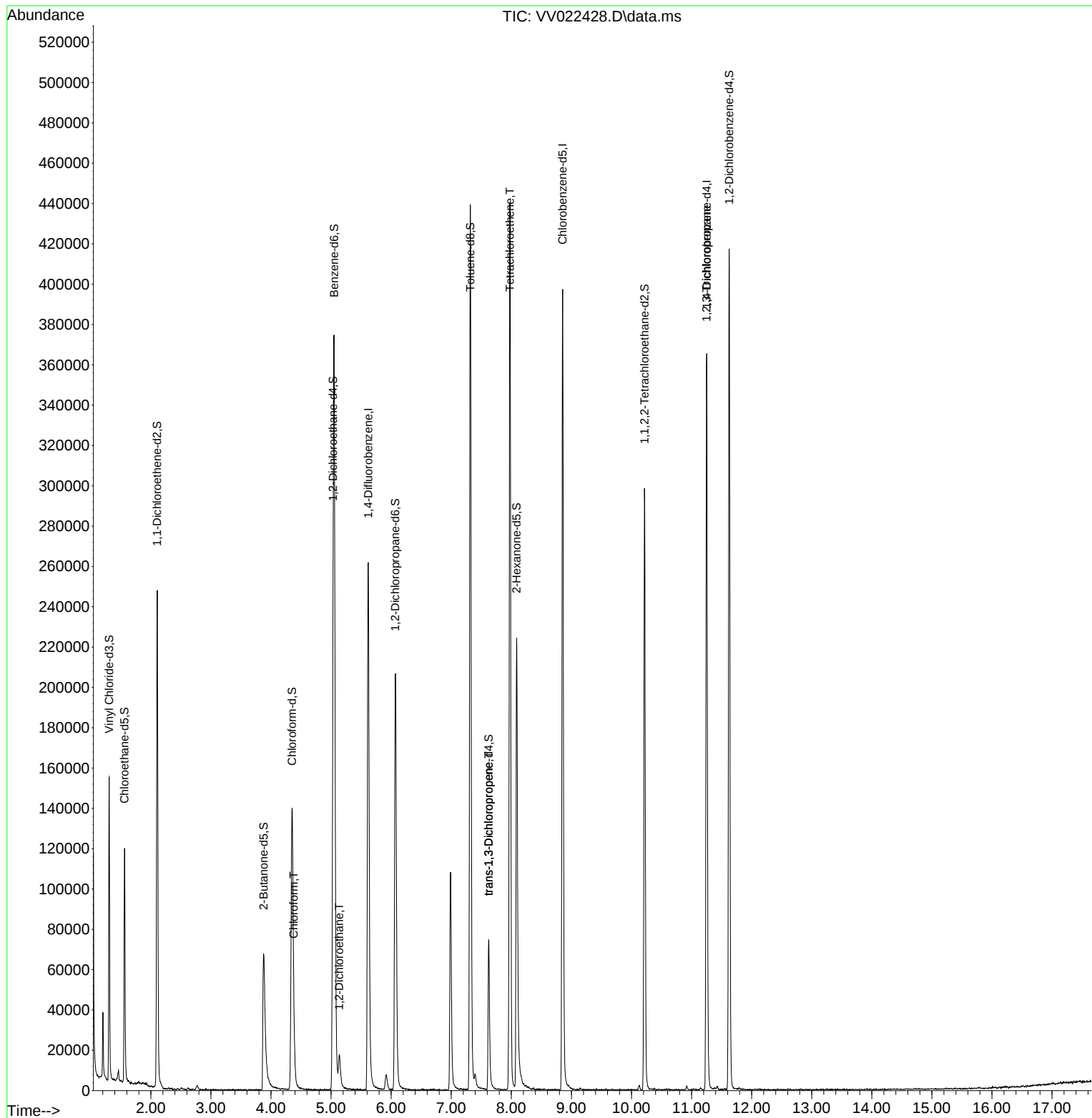
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	236269	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	230999	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98643	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96079	47.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.840%
7) Chloroethane-d5	1.561	69	75560	47.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.280%
11) 1,1-Dichloroethene-d2	2.105	63	128083	36.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.480%
21) 2-Butanone-d5	3.876	46	101976	72.064	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.060%
24) Chloroform-d	4.349	84	145403	40.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.320%
26) 1,2-Dichloroethane-d4	5.034	65	99580	44.849	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
32) Benzene-d6	5.050	84	334939	46.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.180%
36) 1,2-Dichloropropane-d6	6.069	67	105640	45.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.880%
41) Toluene-d8	7.317	98	294232	44.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.480%
43) trans-1,3-Dichloroprop...	7.622	79	44119	41.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.120%
47) 2-Hexanone-d5	8.088	63	75498	79.920	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	142971	42.364	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	110356	50.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.620%
Target Compounds						
					Qvalue	
25) Chloroform	4.378	83	15848	4.756	ug/L	97
27) 1,2-Dichloroethane	5.137	62	13615	5.745	ug/L	96
44) trans-1,3-Dichloropropene	7.622	75	1888	0.743	ug/L #	70
46) Tetrachloroethene	7.976	164	99005	66.326	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	11479	6.237	ug/L #	65

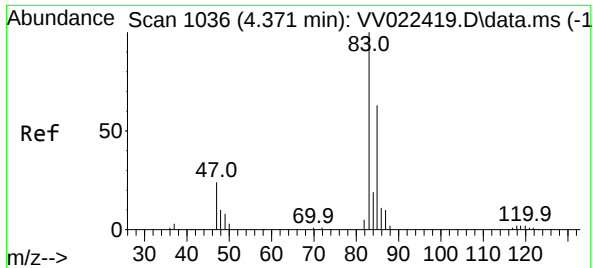
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 4.756 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022428.D

Acq: 30 Sep 2021 13:42

Tgt Ion: 83 Resp: 15848

Ion Ratio Lower Upper

83 100

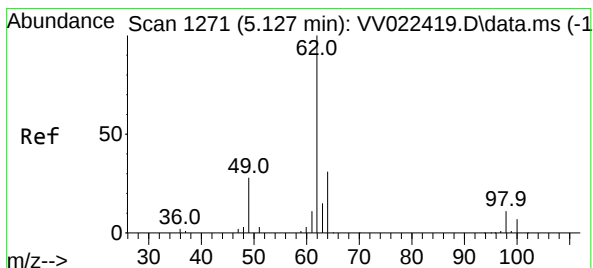
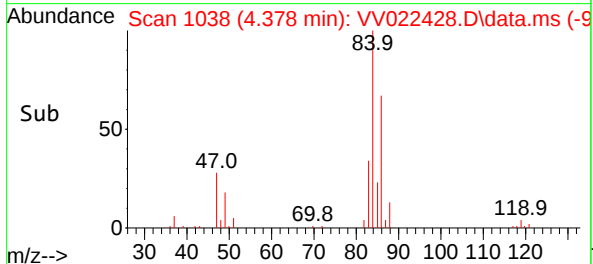
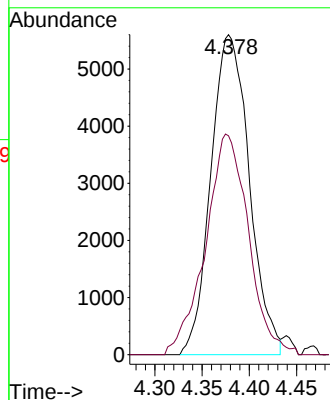
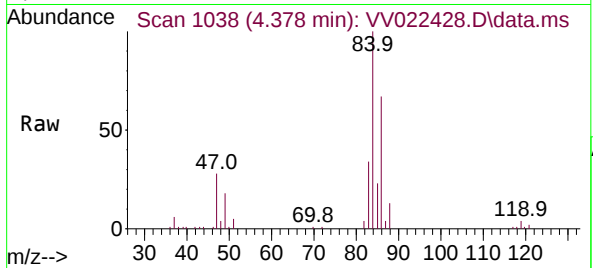
85 68.4 46.5 86.3

Instrument :

MSVOA_V

ClientSampled :

F4A21



#27

1,2-Dichloroethane

Concen: 5.745 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV022428.D

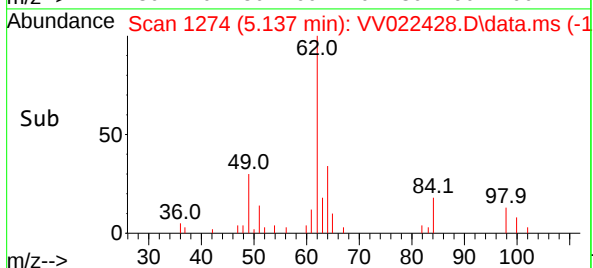
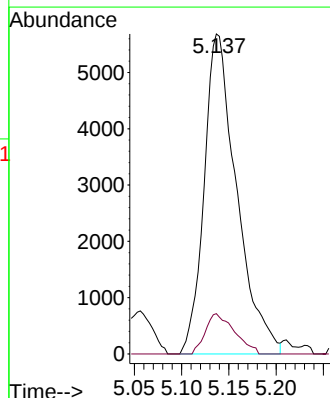
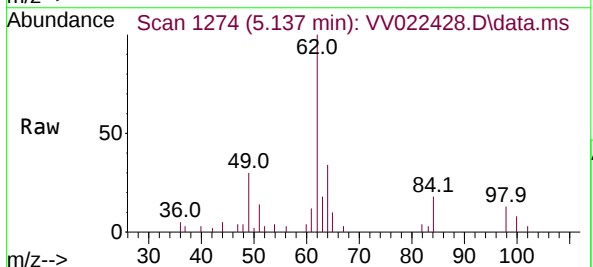
Acq: 30 Sep 2021 13:42

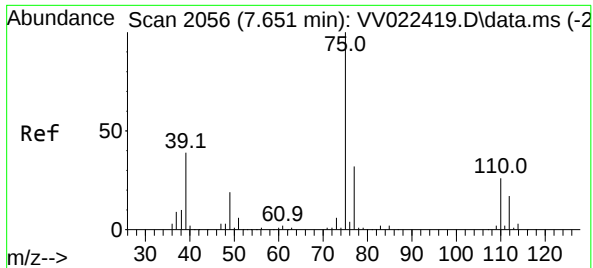
Tgt Ion: 62 Resp: 13615

Ion Ratio Lower Upper

62 100

98 12.6 8.9 13.3

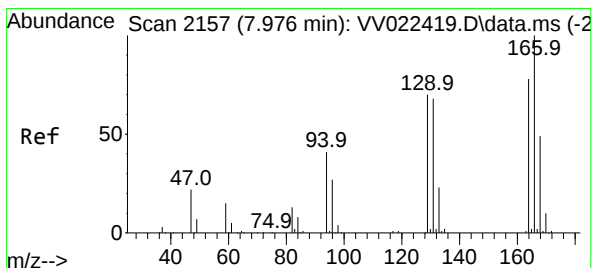
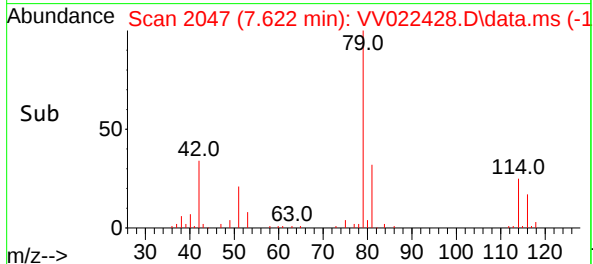
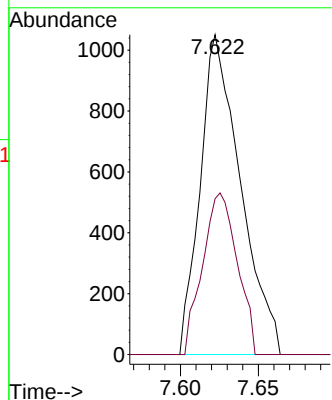
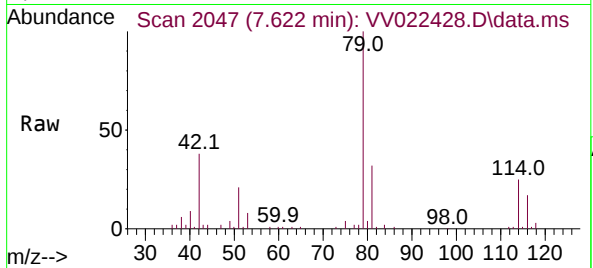




#44
trans-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022428.D
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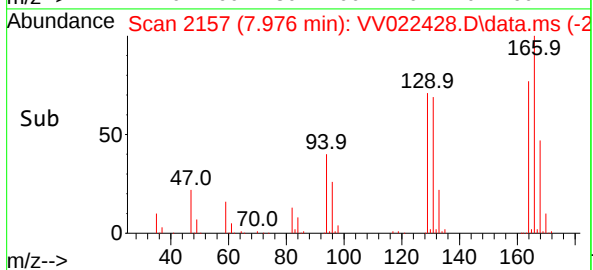
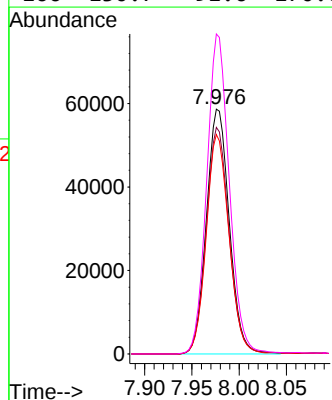
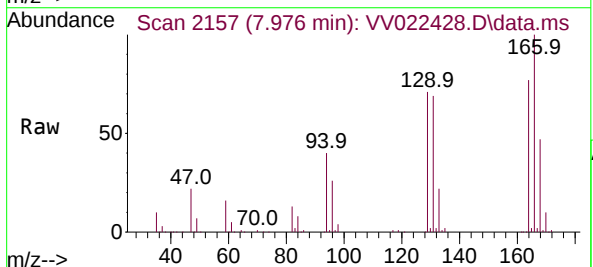
Instrument :
MSVOA_V
ClientSampleId :
F4A21

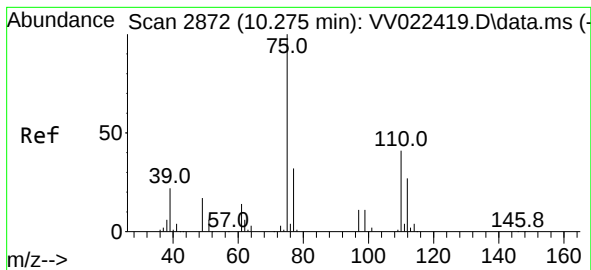
Tgt Ion: 75 Resp: 1888
Ion Ratio Lower Upper
75 100
77 48.7 22.3 41.3#



#46
Tetrachloroethene
Concen: 66.326 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022428.D
Acq: 30 Sep 2021 13:42

Tgt Ion: 164 Resp: 99005
Ion Ratio Lower Upper
164 100
129 92.5 66.4 123.4
131 89.6 63.6 118.0
166 130.7 91.6 170.0





#61
 1,2,3-Trichloropropane
 Concen: 6.237 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022428.D
 Acq: 30 Sep 2021 13:42

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A21

Tgt Ion: 75 Resp: 11479
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 110 2.9 32.6 48.8#

