

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022425.D
 Acq On : 30 Sep 2021 12:30
 Operator : SY/MD
 Sample : M3978-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A18

Quant Time: Oct 01 02:40:46 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)

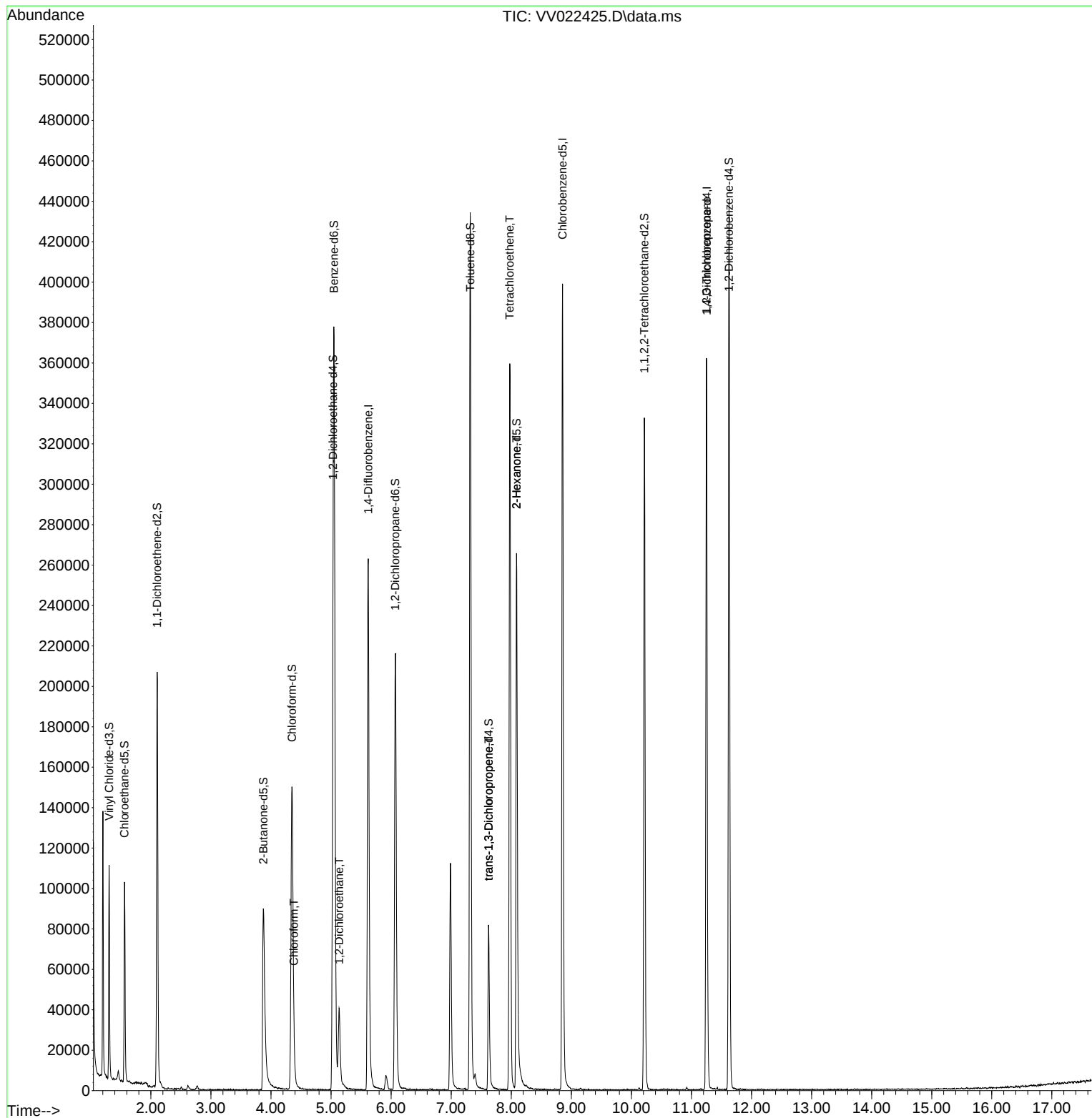
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	237623	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	99773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67446	33.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.900%
7) Chloroethane-d5	1.561	69	65020	40.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.105	63	104905	29.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.840%#
21) 2-Butanone-d5	3.873	46	140934	99.027	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.030%
24) Chloroform-d	4.349	84	158351	43.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
26) 1,2-Dichloroethane-d4	5.034	65	104042	46.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
32) Benzene-d6	5.050	84	331575	46.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	6.069	67	111176	48.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.860%
41) Toluene-d8	7.317	98	292446	44.532	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.060%
43) trans-1,3-Dichloroprop...	7.622	79	46539	44.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.800%
47) 2-Hexanone-d5	8.088	63	90914	97.474	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.470%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	159669	47.920	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.840%
66) 1,2-Dichlorobenzene-d4	11.625	152	118189	53.272	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.540%
Target Compounds						
					Qvalue	
25) Chloroform	4.381	83	10286	3.069	ug/L	100
27) 1,2-Dichloroethane	5.137	62	32497	13.635	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	2044	0.814	ug/L #	77
46) Tetrachloroethene	7.976	164	82753	56.150	ug/L	98
48) 2-Hexanone	8.088	43	10231	5.360	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	11367	6.107	ug/L #	65

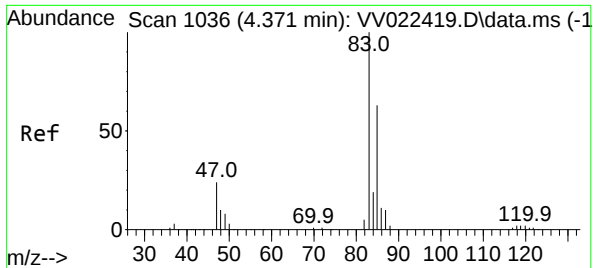
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 3.069 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV022425.D

Acq: 30 Sep 2021 12:30

Tgt Ion: 83 Resp: 10286

Ion Ratio Lower Upper

83 100

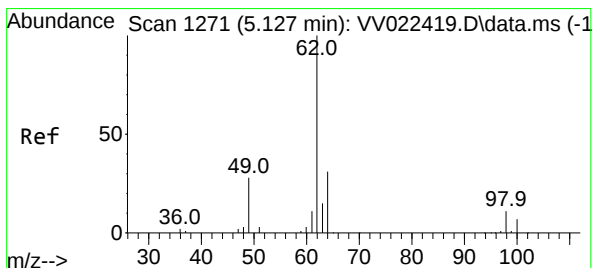
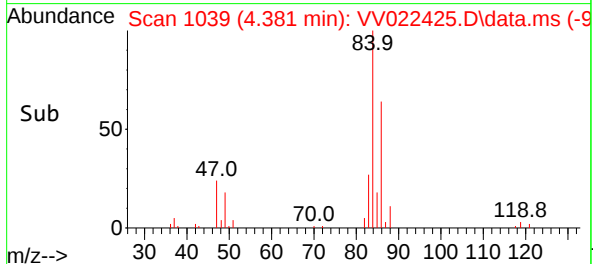
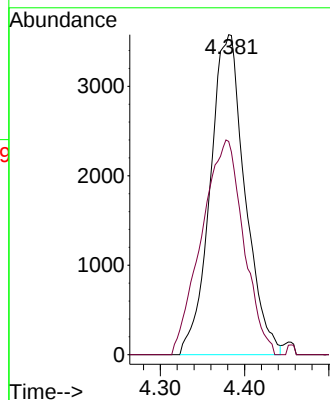
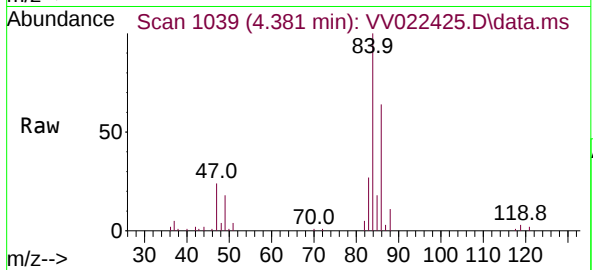
85 66.6 46.5 86.3

Instrument :

MSVOA_V

ClientSampleId :

F4A18



#27

1,2-Dichloroethane

Concen: 13.635 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV022425.D

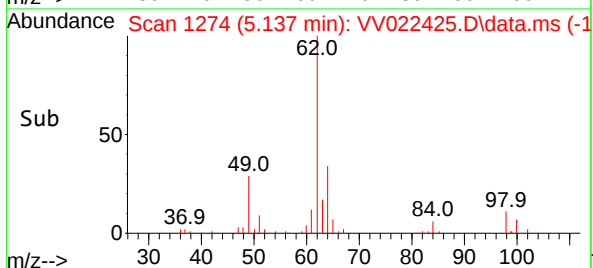
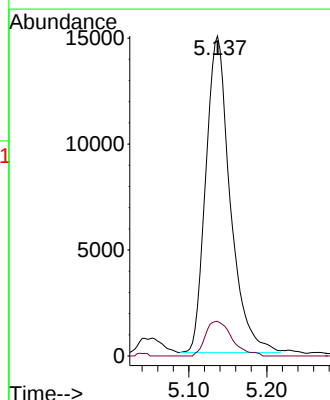
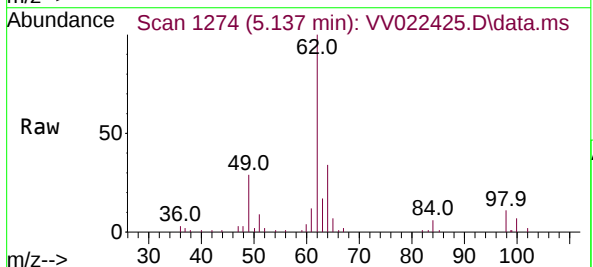
Acq: 30 Sep 2021 12:30

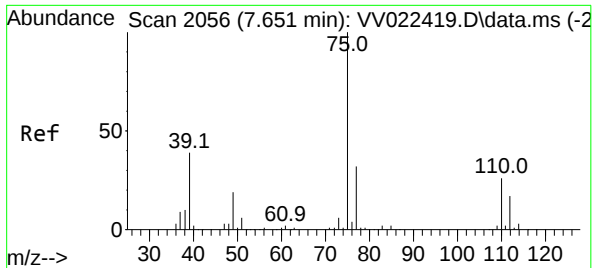
Tgt Ion: 62 Resp: 32497

Ion Ratio Lower Upper

62 100

98 10.8 8.9 13.3

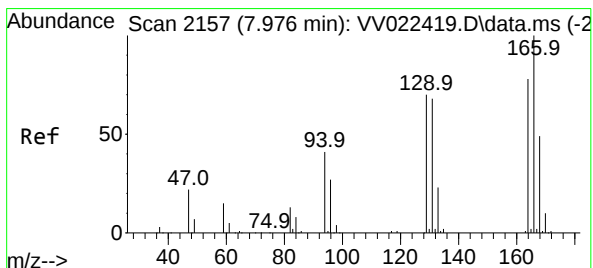
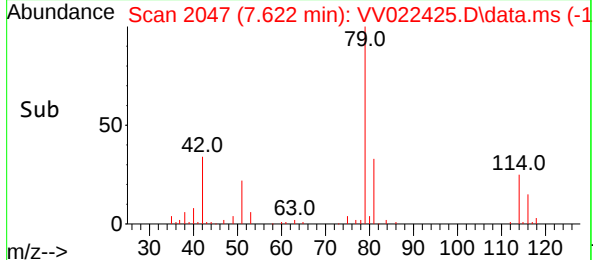
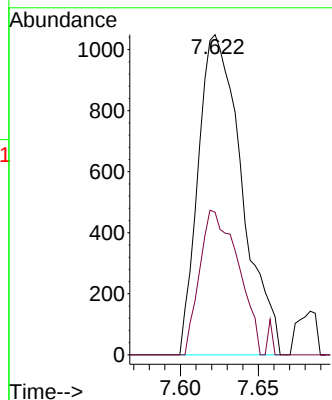
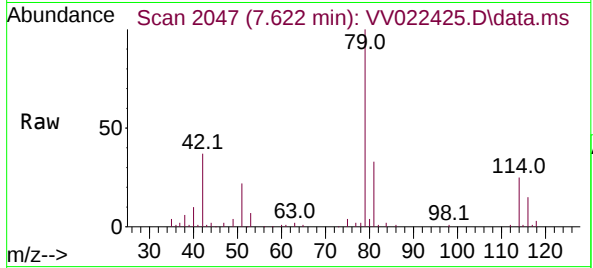




#44
trans-1,3-Dichloropropene
Concen: 0.814 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022425.D
Acq: 30 Sep 2021 12:30

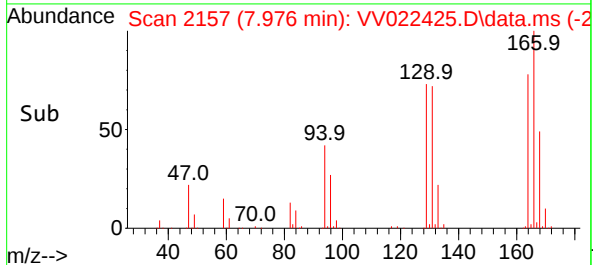
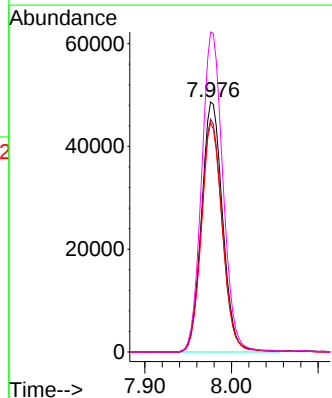
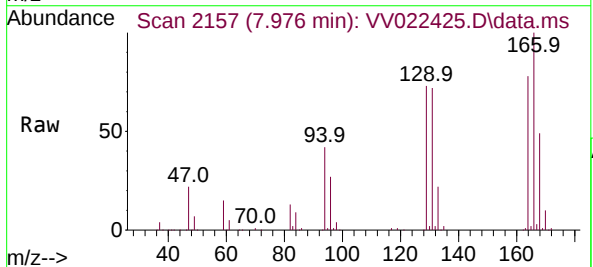
Instrument :
MSVOA_V
ClientSampled :
F4A18

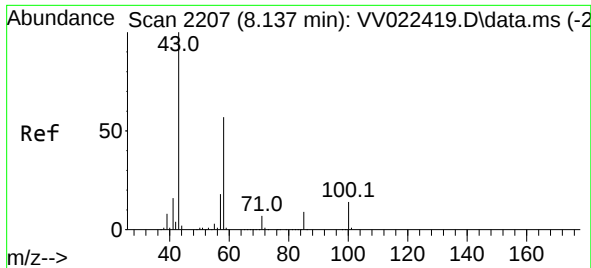
Tgt Ion: 75 Resp: 2044
Ion Ratio Lower Upper
75 100
77 44.5 22.3 41.3#



#46
Tetrachloroethene
Concen: 56.150 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022425.D
Acq: 30 Sep 2021 12:30

Tgt Ion:164 Resp: 82753
Ion Ratio Lower Upper
164 100
129 93.1 66.4 123.4
131 91.7 63.6 118.0
166 127.9 91.6 170.0

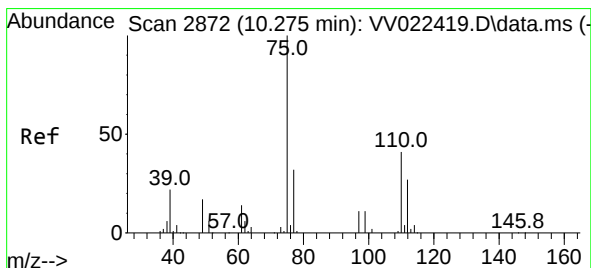
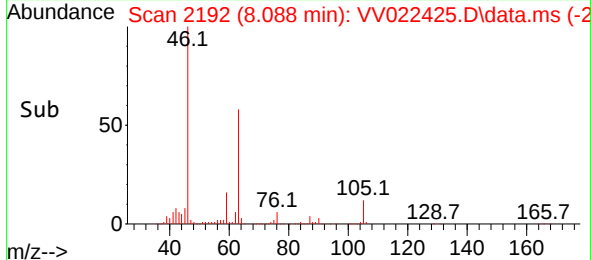
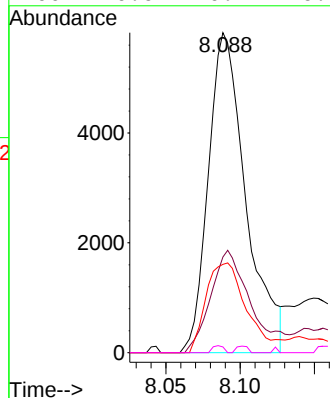
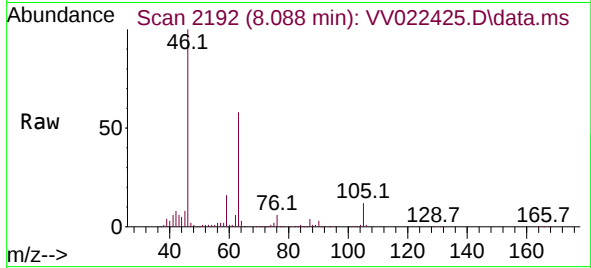




#48
2-Hexanone
Concen: 5.360 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022425.D
Acq: 30 Sep 2021 12:30

Instrument :
MSVOA_V
ClientSampled :
F4A18

Tgt Ion: 43	Resp: 10231
Ion Ratio	Lower Upper
43 100	
58 32.0	45.4 68.2#
57 29.5	15.0 22.4#
100 0.6	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 6.107 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022425.D
Acq: 30 Sep 2021 12:30

Tgt Ion: 75	Resp: 11367
Ion Ratio	Lower Upper
75 100	
77 30.6	25.4 38.0
110 2.7	32.6 48.8#

