

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022427.D
 Acq On : 30 Sep 2021 13:18
 Operator : SY/MD
 Sample : M3978-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A20

Quant Time: Oct 01 02:41:10 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

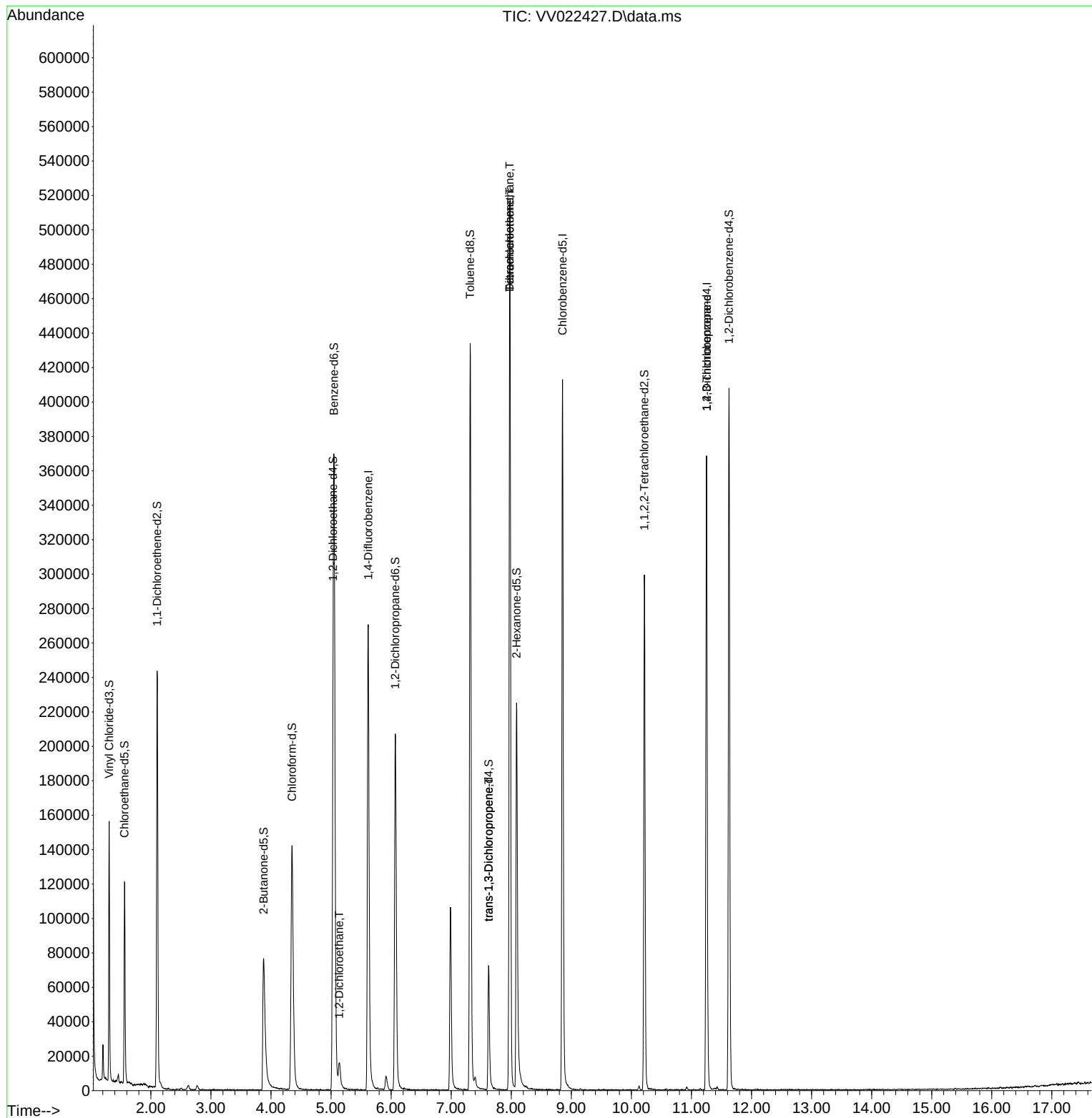
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243438	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	236345	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104090	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95211	46.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.180%
7) Chloroethane-d5	1.561	69	75557	46.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.480%
11) 1,1-Dichloroethene-d2	2.105	63	124981	34.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.580%
21) 2-Butanone-d5	3.876	46	113168	77.618	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.620%
24) Chloroform-d	4.349	84	145217	38.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.860%
26) 1,2-Dichloroethane-d4	5.034	65	95474	41.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.460%
32) Benzene-d6	5.050	84	329885	44.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
36) 1,2-Dichloropropane-d6	6.069	67	103593	43.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.100%
41) Toluene-d8	7.317	98	288611	42.409	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.820%
43) trans-1,3-Dichloroprop...	7.622	79	42058	38.721	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.440%
47) 2-Hexanone-d5	8.088	63	78878	81.609	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.610%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	141749	41.052	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.100%
66) 1,2-Dichlorobenzene-d4	11.625	152	111087	47.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
Target Compounds						
27) 1,2-Dichloroethane	5.137	62	5912	2.421	ug/L	95
44) trans-1,3-Dichloropropene	7.622	75	1912	0.735	ug/L	92
46) Tetrachloroethene	7.976	164	119482	78.233	ug/L	96
49) Dibromochloromethane	7.976	129	104881	52.612	ug/L #	10
61) 1,2,3-Trichloropropane	11.252	75	11555	5.950	ug/L #	64

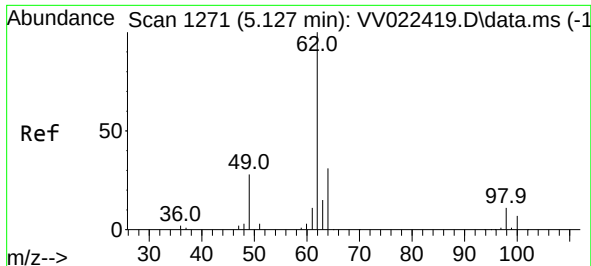
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 2.421 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV022427.D

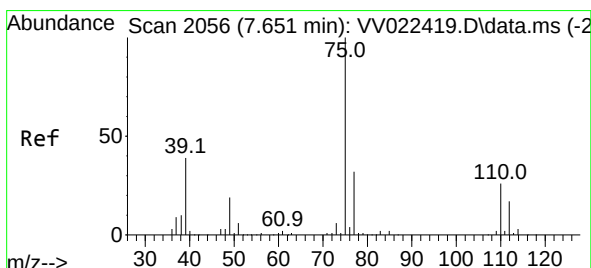
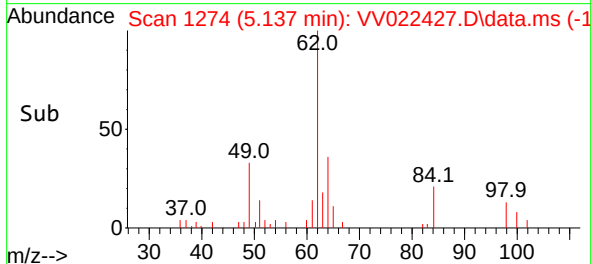
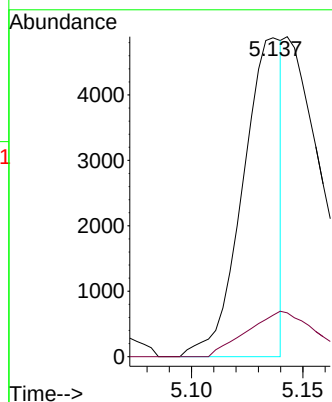
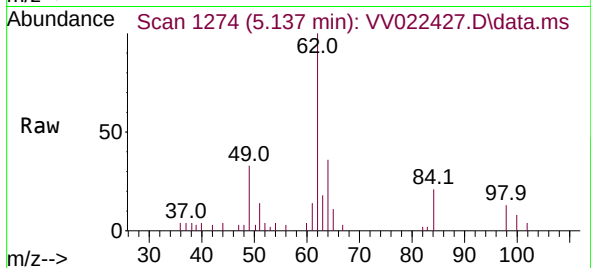
Acq: 30 Sep 2021 13:18

Tgt Ion: 62 Resp: 5912

Ion Ratio Lower Upper

62 100

98 13.0 8.9 13.3



#44

trans-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV022427.D

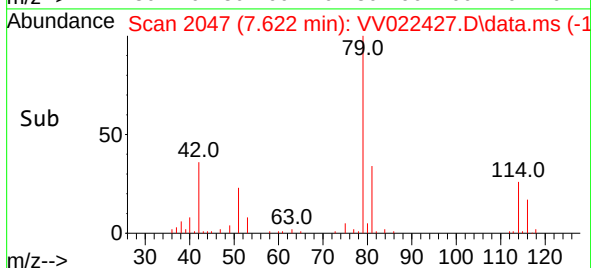
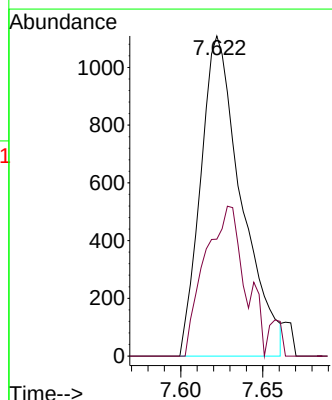
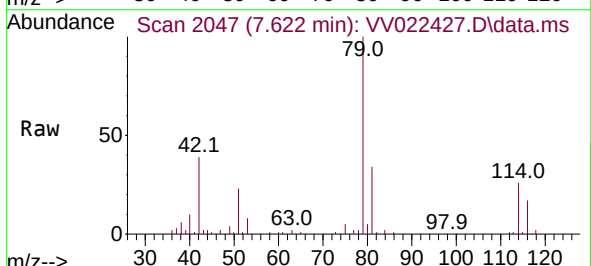
Acq: 30 Sep 2021 13:18

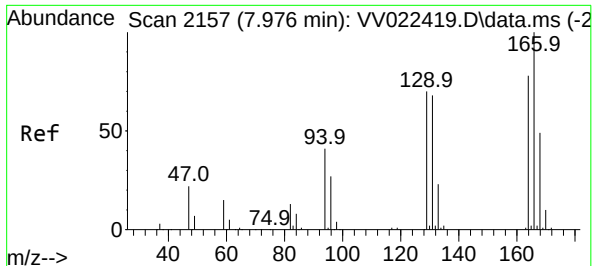
Tgt Ion: 75 Resp: 1912

Ion Ratio Lower Upper

75 100

77 36.5 22.3 41.3

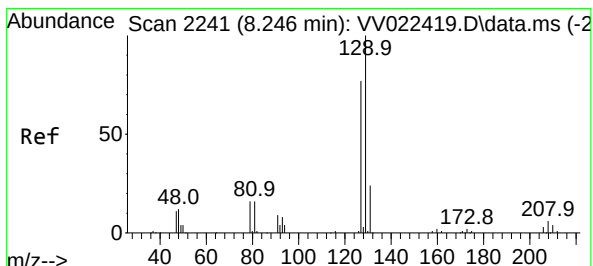
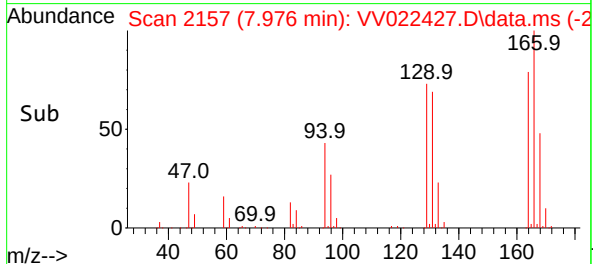
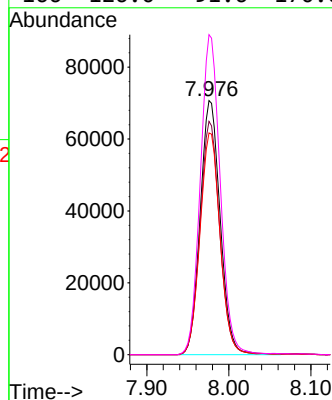
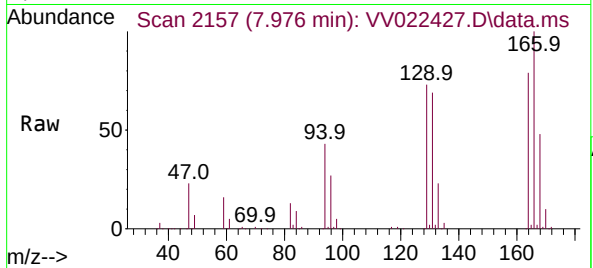




#46
Tetrachloroethene
Concen: 78.233 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022427.D
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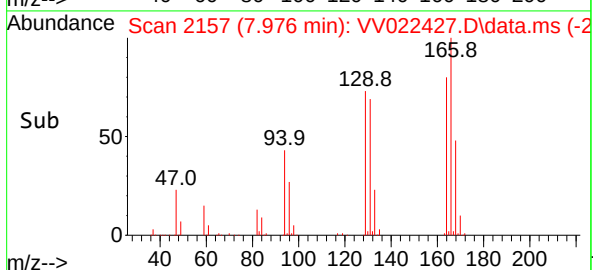
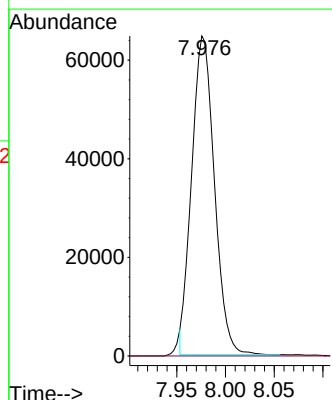
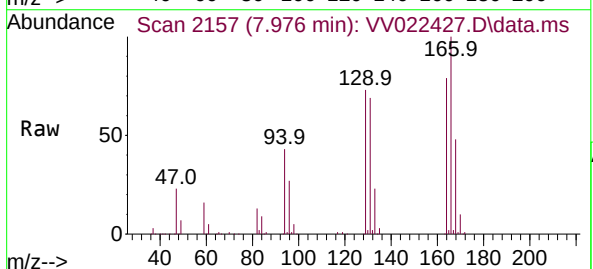
Instrument :
MSVOA_V
ClientSampled :
F4A20

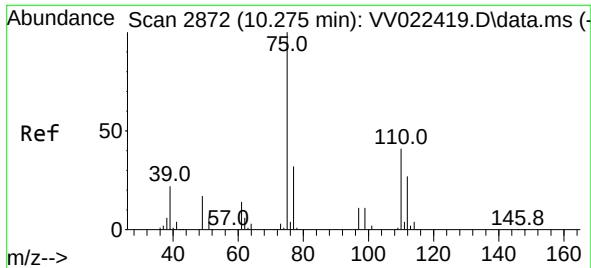
Tgt Ion:164 Resp: 119482
Ion Ratio Lower Upper
164 100
129 91.8 66.4 123.4
131 87.3 63.6 118.0
166 126.0 91.6 170.0



#49
Dibromochloromethane
Concen: 52.612 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022427.D
Acq: 30 Sep 2021 13:18

Tgt Ion:129 Resp: 104881
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 5.950 ug/L
 RT: 11.252 min Scan# 3176
 Delta R.T. 0.977 min
 Lab File: VV022427.D
 Acq: 30 Sep 2021 13:18

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A20

Tgt Ion:	75	Resp:	11555
Ion	Ratio	Lower	Upper
75	100		
77	34.3	25.4	38.0
110	2.8	32.6	48.8#

