

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028406.D
 Acq On : 07 Oct 2022 14:48
 Operator : SY/MD
 Sample : N4853-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW832

Quant Time: Oct 08 00:59:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 2022
 Response via : Initial Calibration

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

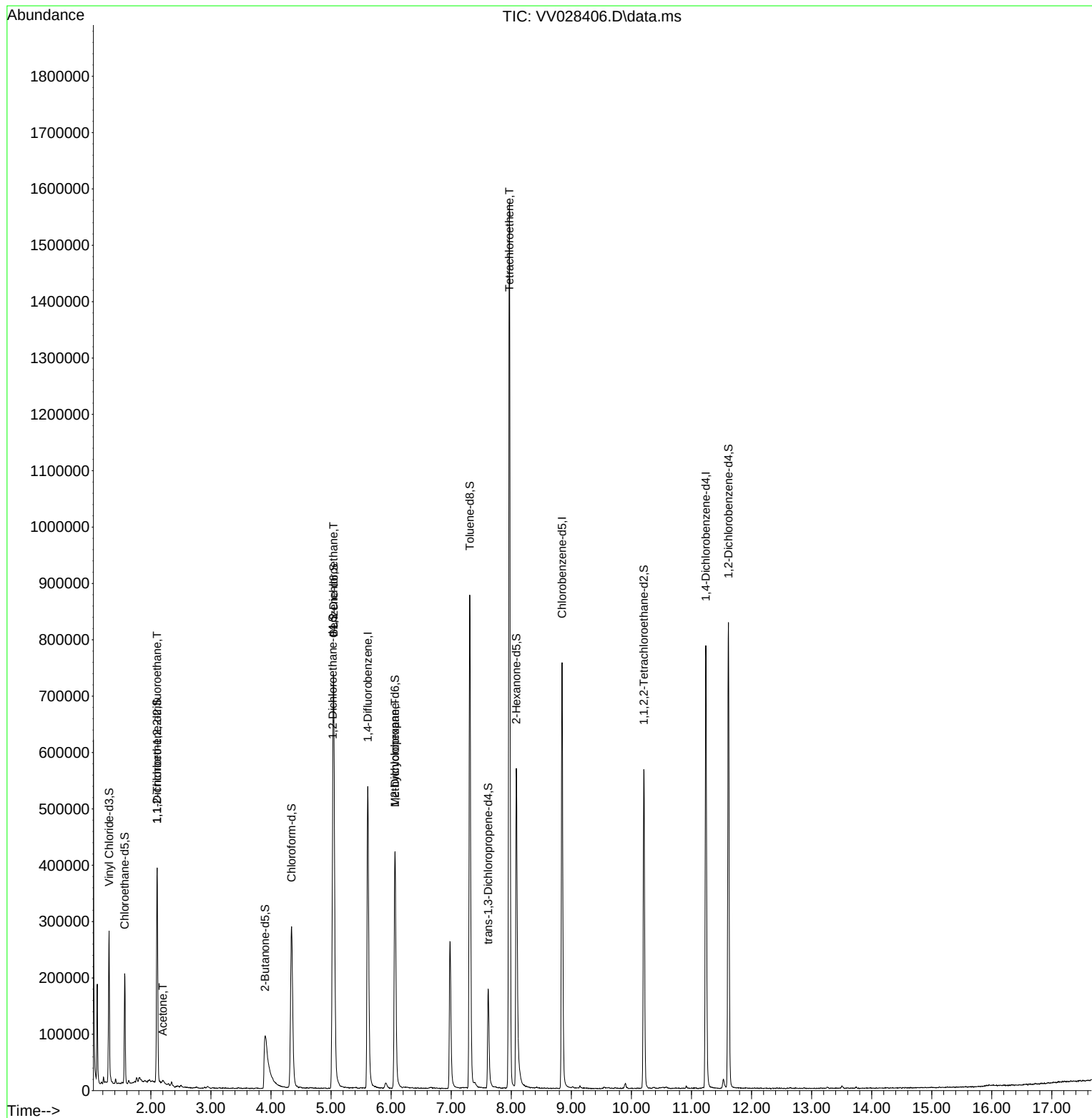
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	458760	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	413391	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	198216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148280	41.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.780%
7) Chloroethane-d5	1.564	69	123775	44.098	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.105	63	200764	33.324	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.640%
21) 2-Butanone-d5	3.902	46	301955	97.444	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	4.342	84	301767	46.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
26) 1,2-Dichloroethane-d4	5.027	65	206123	49.230	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.460%
32) Benzene-d6	5.043	84	641699	48.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
36) 1,2-Dichloropropane-d6	6.066	67	212960	49.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.620%
41) Toluene-d8	7.310	98	574897	48.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.940%
43) trans-1,3-Dichloroprop...	7.616	79	104785	47.600	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.200%
47) 2-Hexanone-d5	8.085	63	227809	96.965	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	283123	47.906	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.820%
66) 1,2-Dichlorobenzene-d4	11.615	152	207243	50.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.920%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2128	0.779	ug/L #	21
13) Acetone	2.198	43	8135	3.389	ug/L	58
27) 1,2-Dichloroethane	5.040	62	3878	0.811	ug/L	98
35) Methylcyclohexane	6.066	83	48680	8.302	ug/L #	17
46) Tetrachloroethene	7.969	164	338786	139.791	ug/L	99

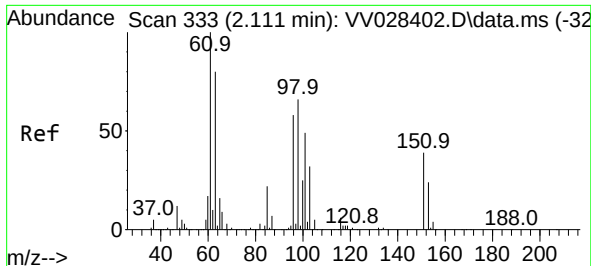
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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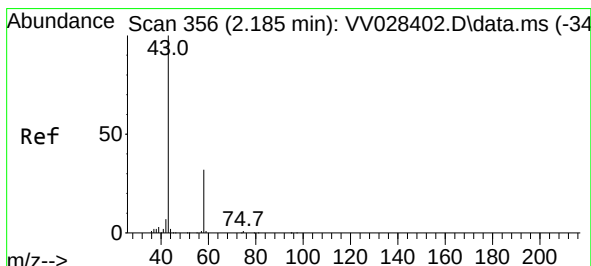
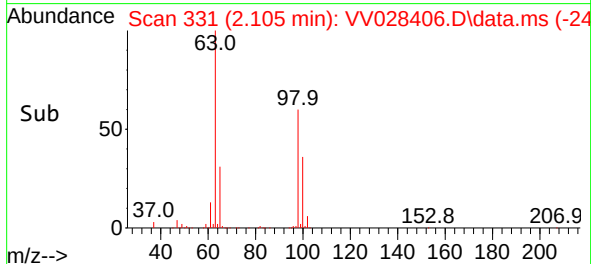
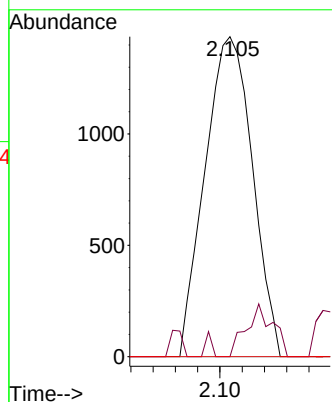
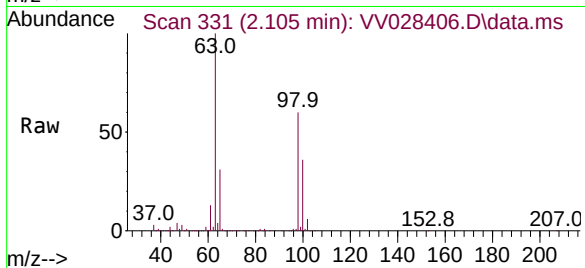




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.779 ug/L
RT: 2.105 min Scan# 311
Delta R.T. -0.007 min
Lab File: VV028406.D
Acq: 07 Oct 2022 14:48

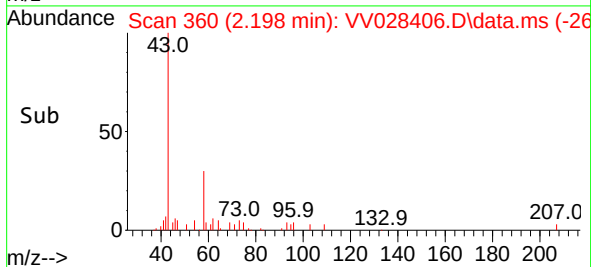
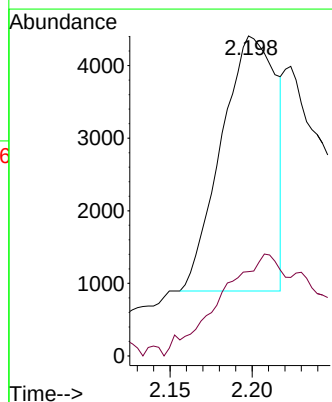
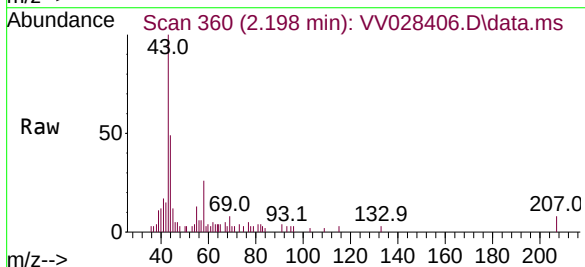
Instrument :
MSVOA_V
ClientSampleId :
EW832

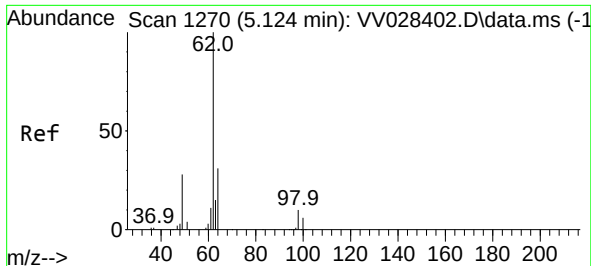
Tgt Ion:101 Resp: 2128
Ion Ratio Lower Upper
101 100
85 1.5 34.9 52.3#
151 0.0 59.2 88.8#



#13
Acetone
Concen: 3.389 ug/L
RT: 2.198 min Scan# 360
Delta R.T. 0.013 min
Lab File: VV028406.D
Acq: 07 Oct 2022 14:48

Tgt Ion: 43 Resp: 8135
Ion Ratio Lower Upper
43 100
58 2.8 0.0 47.0





#27

1,2-Dichloroethane

Concen: 0.811 ug/L

RT: 5.040 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV028406.D

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Instrument :

MSVOA_V

ClientSampleId :

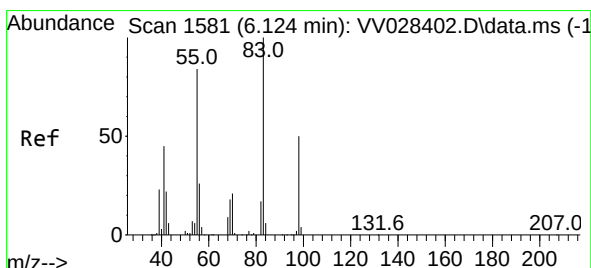
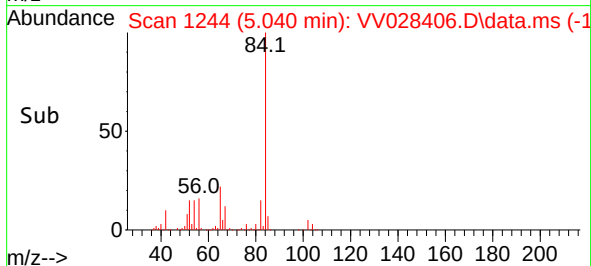
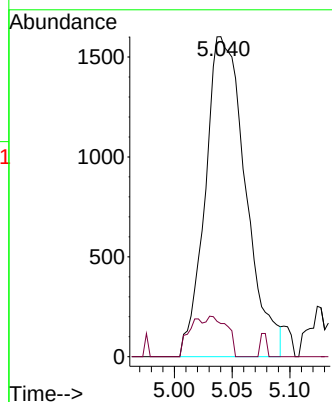
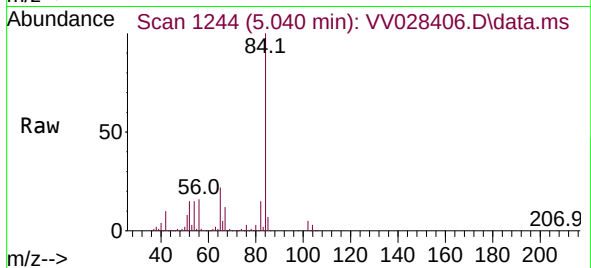
EW832

Tgt Ion: 62 Resp: 3878

Ion Ratio Lower Upper

62 100

98 10.4 7.6 11.4



#35

Methylcyclohexane

Concen: 8.302 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

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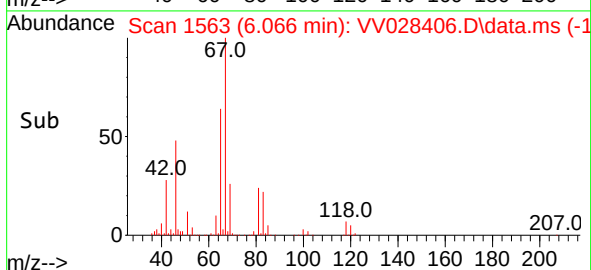
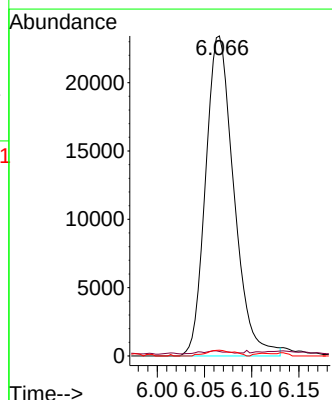
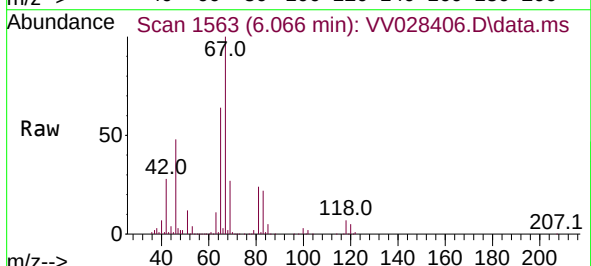
Tgt Ion: 83 Resp: 48680

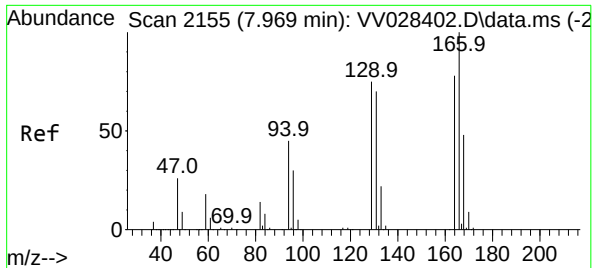
Ion Ratio Lower Upper

83 100

55 0.2 63.7 95.5#

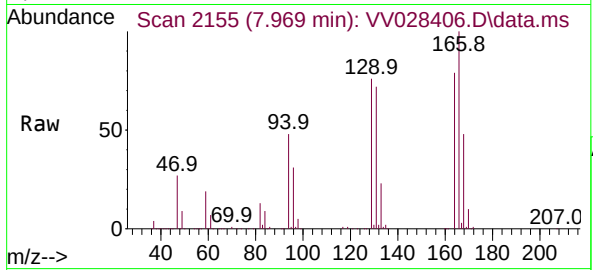
98 0.8 38.2 57.2#





#46
 Tetrachloroethene
 Concen: 139.791 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028406.D
 Acq: 07 Oct 2022 14:48

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Tgt Ion:	164	Resp:	338786
Ion	Ratio	Lower	Upper
164	100		
129	96.6	67.4	125.2
131	91.3	65.2	121.2
166	127.2	88.5	164.4

