

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036640.D
 Acq On : 23 Jul 2024 12:49
 Operator : SY/MD
 Sample : P3328-02
 Misc : 8.91g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 00:59:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

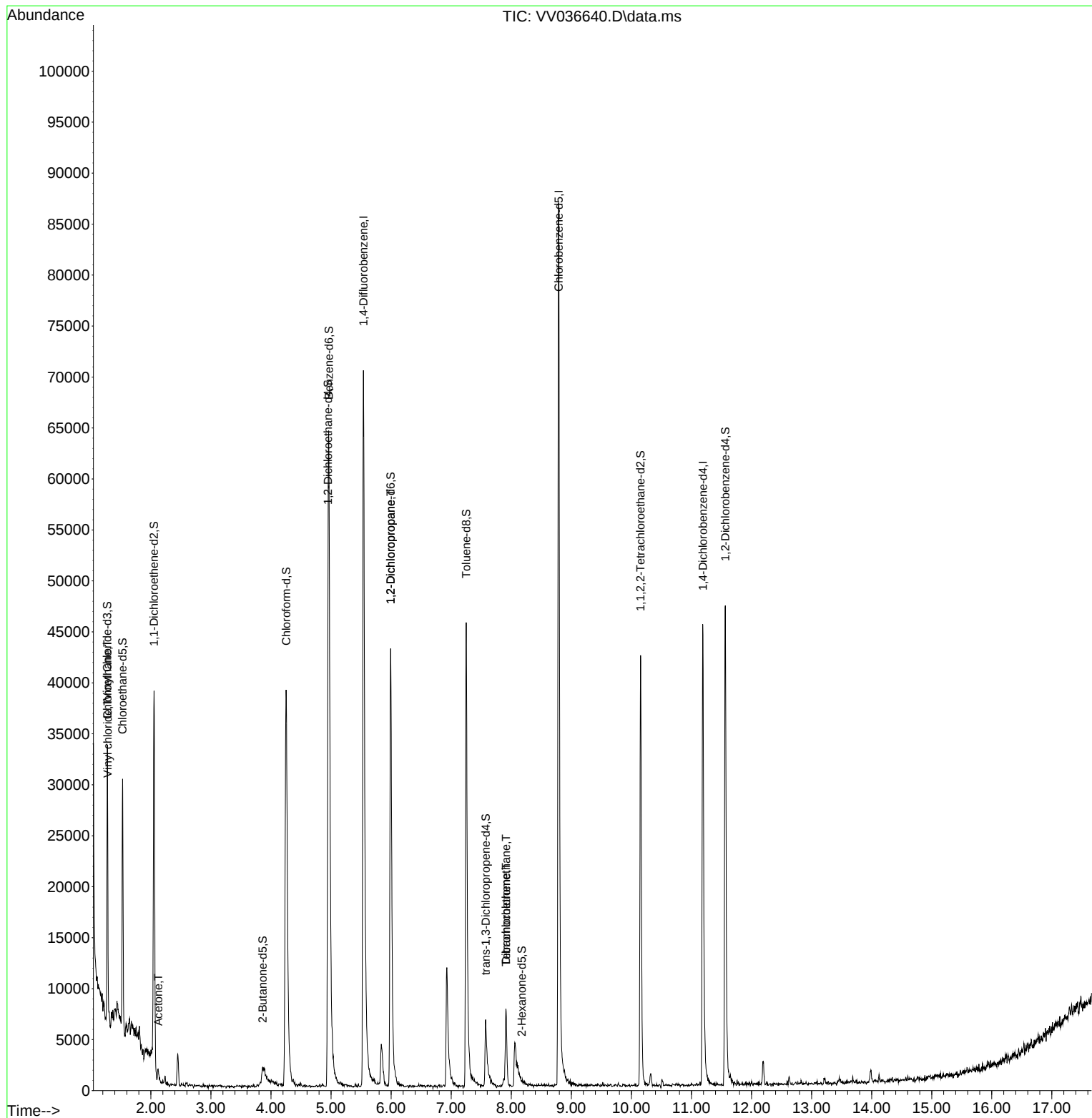
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	71761	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	58409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	15641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14570	18.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.160%
7) Chloroethane-d5	1.529	69	15820	22.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
11) 1,1-Dichloroethene-d2	2.053	65	6007	14.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.800%
21) 2-Butanone-d5	3.860	46	1543	8.412	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.820%#
24) Chloroform-d	4.252	84	46845	24.683	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	4.950	65	22350	23.870	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	4.963	84	58538	21.146	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	5.992	67	21551	27.322	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.280%
41) Toluene-d8	7.249	98	37044	14.022	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	56.080%
43) trans-1,3-Dichloroprop...	7.574	79	5971	17.029	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.120%
47) 2-Hexanone-d5	8.175	63	59	0.562	ug/L	0.14
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.120%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21087	30.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.680%#
66) 1,2-Dichlorobenzene-d4	11.564	152	15672	28.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2195	1.896	ug/L	83
8) Chloroethane	1.278	64	1043	1.390	ug/L	89
13) Acetone	2.124	43	1367	4.588	ug/L	76
37) 1,2-Dichloropropane	5.992	63	2496	3.270	ug/L #	82
46) Tetrachloroethene	7.915	164	2210	2.052	ug/L	87
49) Dibromochloromethane	7.911	129	1898	2.023	ug/L #	11

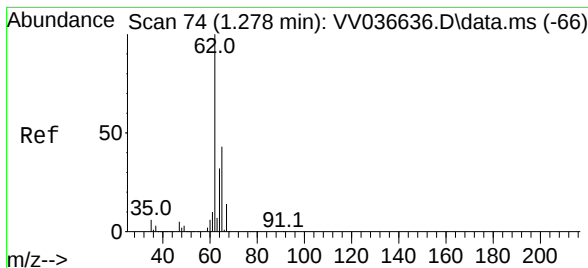
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.896 ug/L

RT: 1.281 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV036640.D

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Instrument :

MSVOA_V

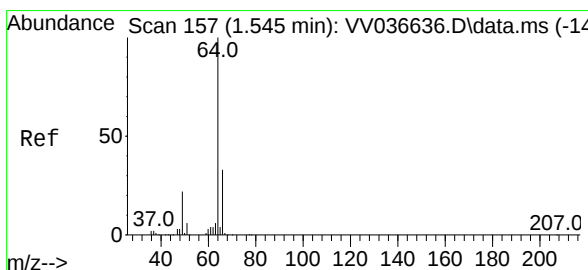
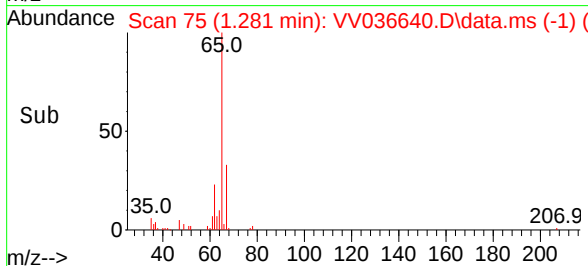
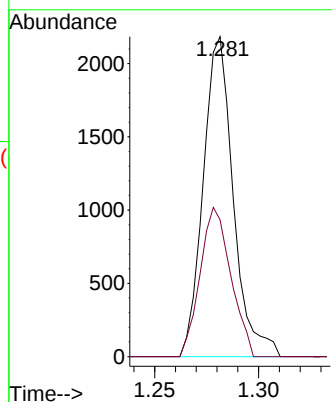
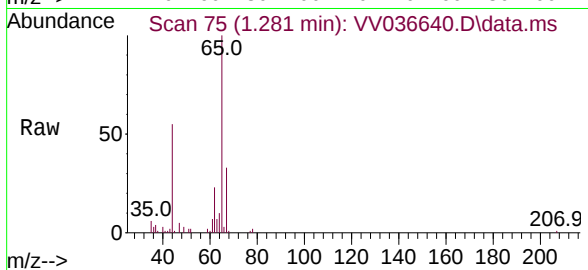
ClientSampleId :

Tgt Ion: 62 Resp: 2195

Ion Ratio Lower Upper

62 100

64 42.8 23.1 42.9



#8

Chloroethane

Concen: 1.390 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.267 min

Lab File: VV036640.D

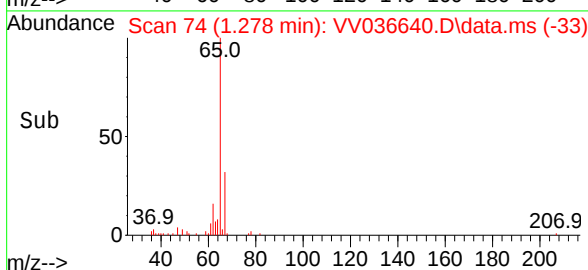
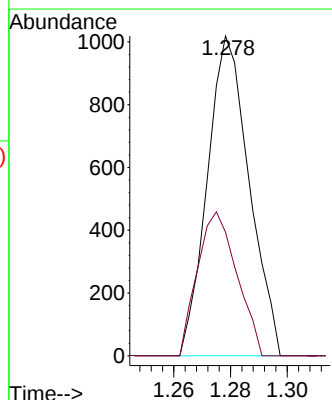
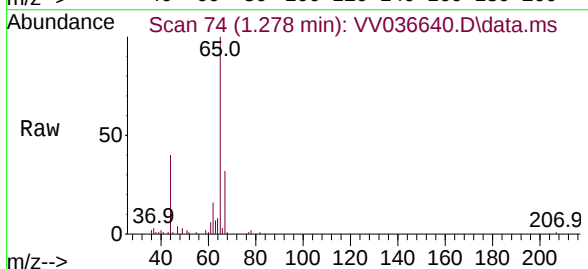
Acq: 23 Jul 2024 12:49

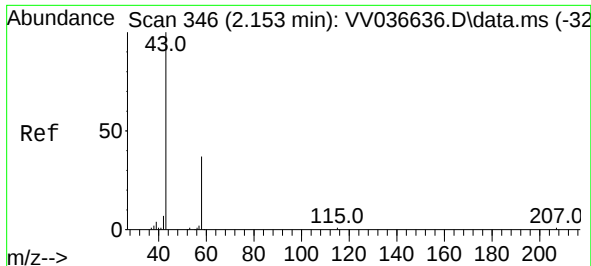
Tgt Ion: 64 Resp: 1043

Ion Ratio Lower Upper

64 100

66 38.7 22.7 42.1

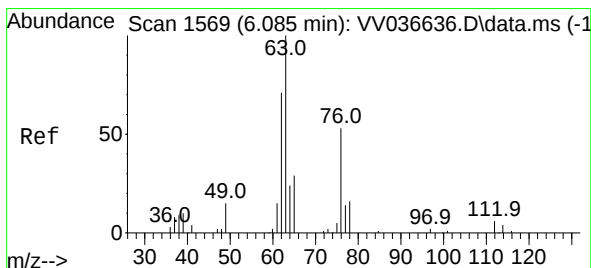
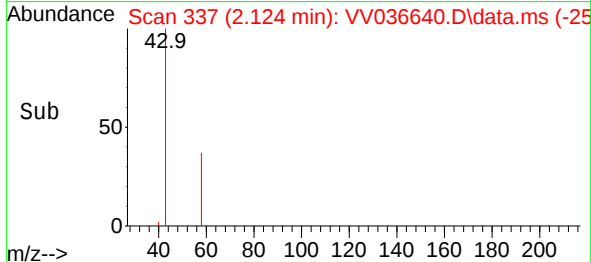
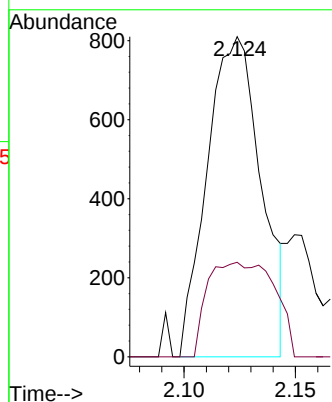
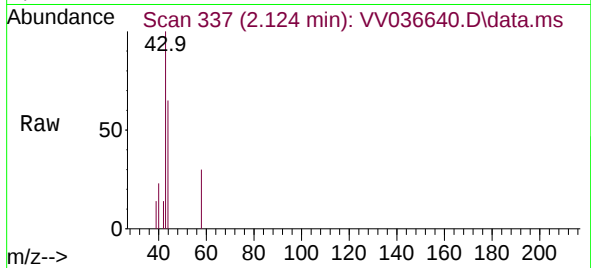




#13
Acetone
Concen: 4.588 ug/L
RT: 2.124 min Scan# 346
Delta R.T. -0.029 min
Lab File: VV036640.D
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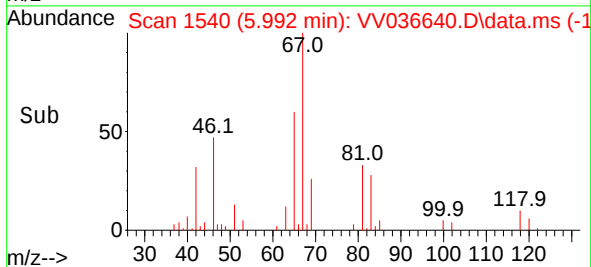
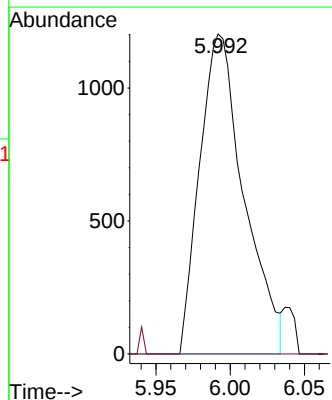
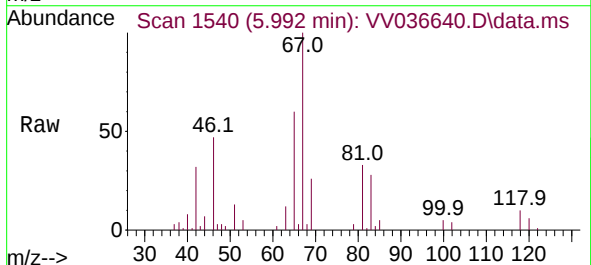
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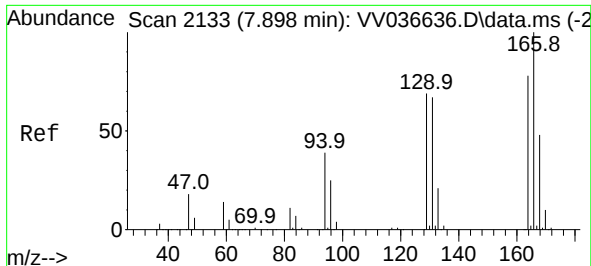
Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 20.8 0.0 23.0



#37
1,2-Dichloropropane
Concen: 3.270 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.093 min
Lab File: VV036640.D
Acq: 23 Jul 2024 12:49

Tgt Ion: 63 Resp: 2496
Ion Ratio Lower Upper
63 100
112 0.0 4.8 7.2#





#46

Tetrachloroethene

Concen: 2.052 ug/L

RT: 7.915 min Scan# 2137

Delta R.T. 0.016 min

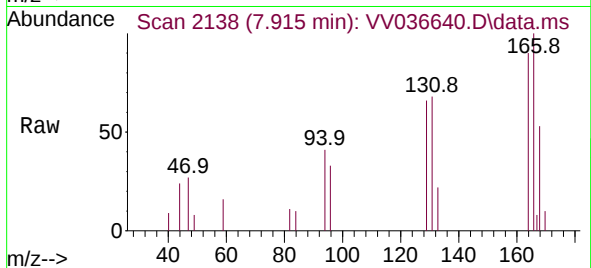
Lab File: VV036640.D

Acq: 23 Jul 2024 12:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2210

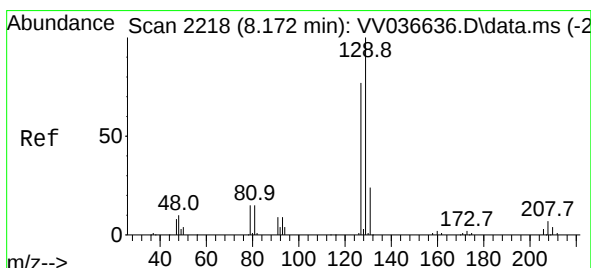
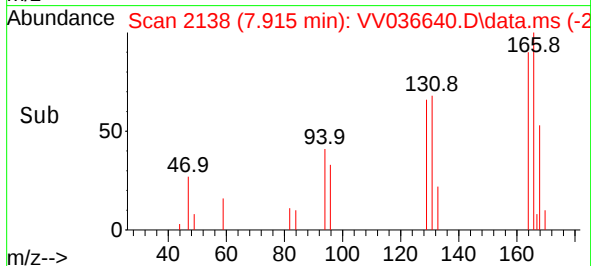
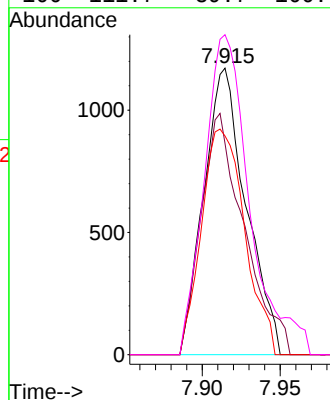
Ion Ratio Lower Upper

164 100

129 73.8 61.0 113.2

131 76.4 60.1 111.5

166 111.7 89.7 166.7



#49

Dibromochloromethane

Concen: 2.023 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.260 min

Lab File: VV036640.D

Acq: 23 Jul 2024 12:49

Tgt Ion:129 Resp: 1898

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#

