

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031124\
 Data File : VV034538.D
 Acq On : 11 Mar 2024 13:07
 Operator : SY/MD
 Sample : P1637-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 12 01:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 12 01:30:00 2024
 Response via : Initial Calibration

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

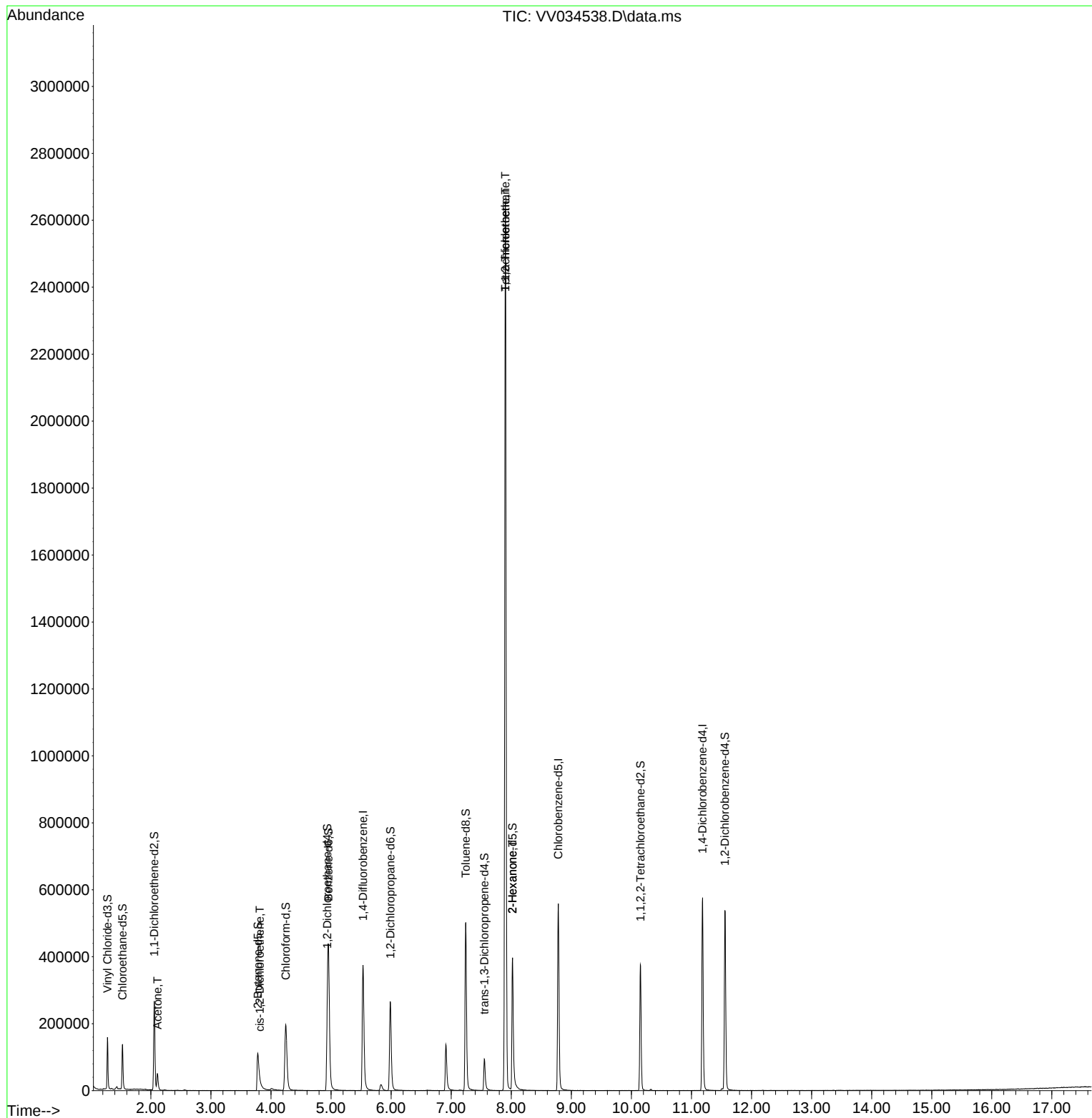
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	319168	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	298764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	96153	34.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.500%
7) Chloroethane-d5	1.529	69	87869	40.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.056	65	44897	35.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.760%
21) 2-Butanone-d5	3.780	46	178752	96.607	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.610%
24) Chloroform-d	4.246	84	210081	42.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.880%
26) 1,2-Dichloroethane-d4	4.937	65	144879	45.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
32) Benzene-d6	4.957	84	376623	41.769	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.540%
36) 1,2-Dichloropropane-d6	5.989	67	123345	44.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.640%
41) Toluene-d8	7.243	98	328045	40.203	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.551	79	57540	41.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.280%
47) 2-Hexanone-d5	8.021	63	133264	96.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	172423	47.614	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.220%
66) 1,2-Dichlorobenzene-d4	11.558	152	135715	46.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
13) Acetone	2.111	43	48733	21.909	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	2913	1.161	ug/L	82
45) 1,1,2-Trichloroethane	7.902	97	4851	2.071	ug/L #	5
46) Tetrachloroethene	7.902	164	555702	283.459	ug/L	99
48) 2-Hexanone	8.021	43	16132	5.655	ug/L #	68

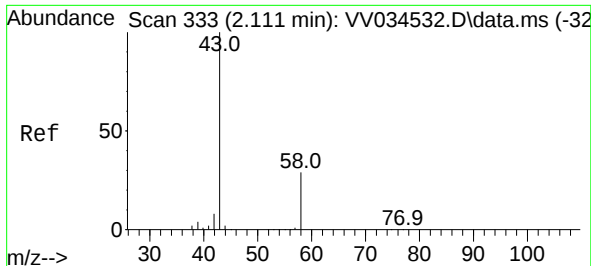
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 12 01:30:00 2024
Response via : Initial Calibration





#13

Acetone

Concen: 21.909 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.000 min

Lab File: VV034538.D

Acq: 11 Mar 2024 13:07

Instrument :

MSVOA_V

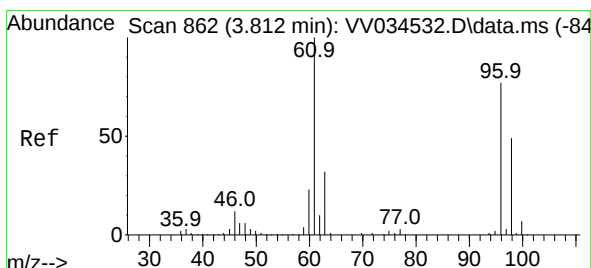
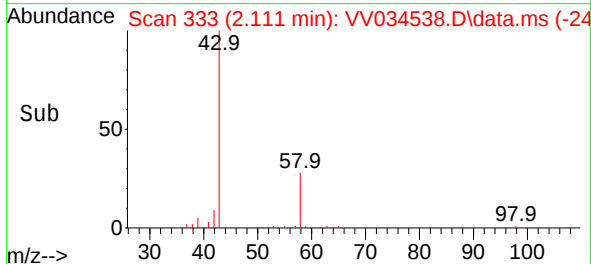
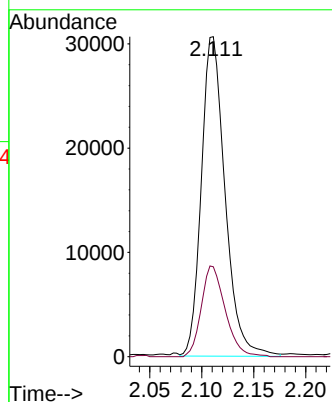
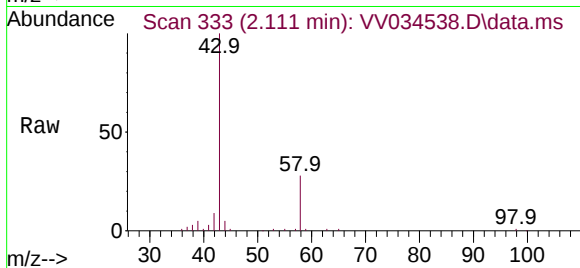
ClientSampleId :

Tgt Ion: 43 Resp: 48733

Ion Ratio Lower Upper

43 100

58 28.5 0.0 57.2



#20

cis-1,2-Dichloroethene

Concen: 1.161 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV034538.D

Acq: 11 Mar 2024 13:07

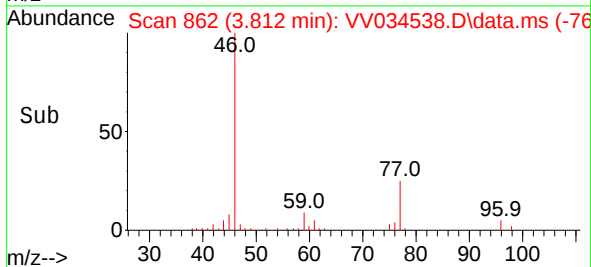
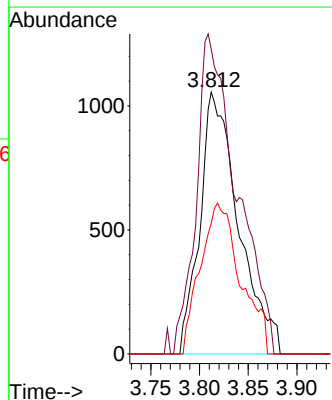
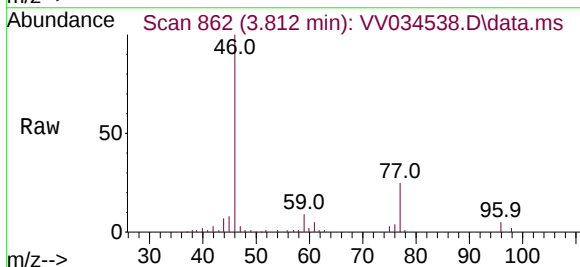
Tgt Ion: 96 Resp: 2913

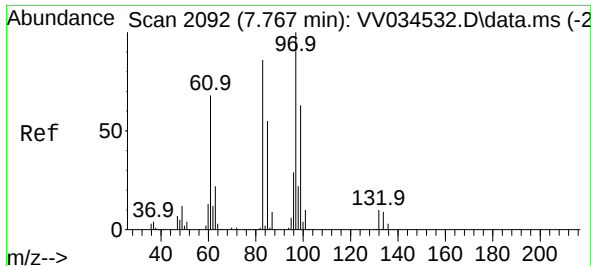
Ion Ratio Lower Upper

96 100

61 116.4 96.0 178.4

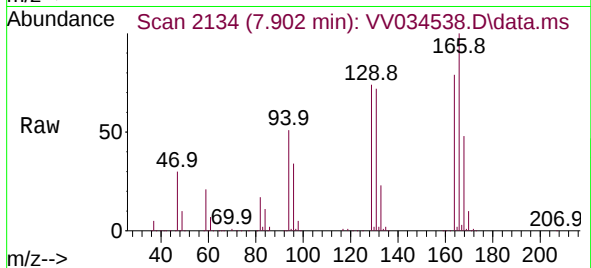
98 49.9 46.0 85.4



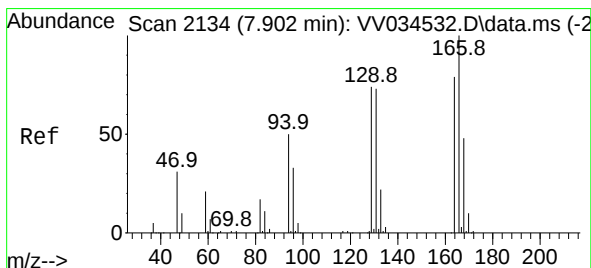
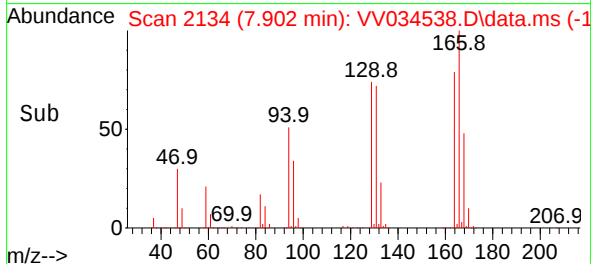
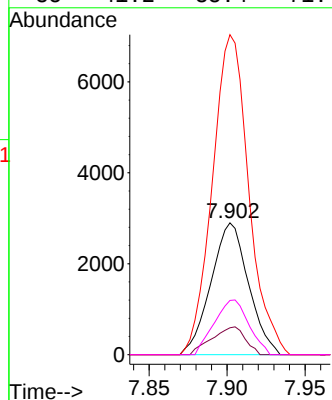


#45
1,1,2-Trichloroethane
Concen: 2.071 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.135 min
Lab File: VV034538.D
Acq: 11 Mar 2024 13:07

Instrument :
MSVOA_V
ClientSampleId :

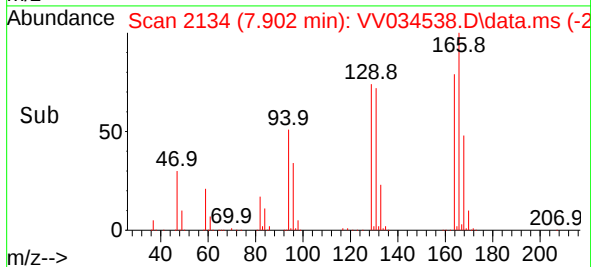
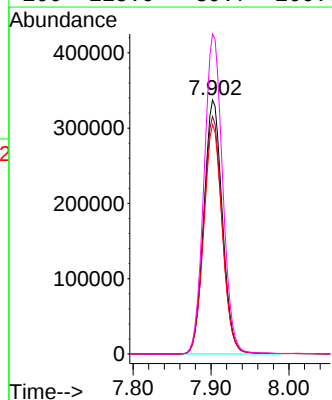
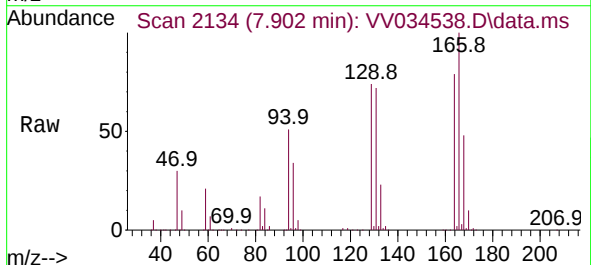


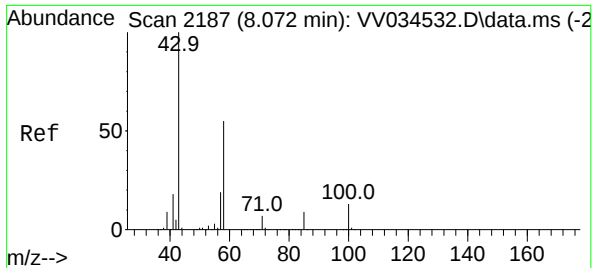
Tgt Ion: 97 Resp: 4851
Ion Ratio Lower Upper
97 100
99 20.4 43.8 81.4#
83 242.8 59.4 110.2#
85 41.2 38.4 71.4



#46
Tetrachloroethene
Concen: 283.459 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034538.D
Acq: 11 Mar 2024 13:07

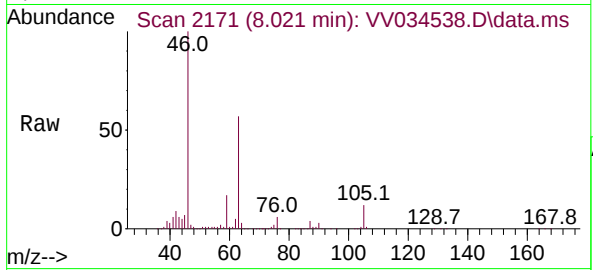
Tgt Ion:164 Resp: 555702
Ion Ratio Lower Upper
164 100
129 93.5 65.7 121.9
131 90.3 62.2 115.6
166 125.9 89.7 166.7





#48
 2-Hexanone
 Concen: 5.655 ug/L
 RT: 8.021 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VV034538.D
 Acq: 11 Mar 2024 13:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 16132
Ion Ratio	Lower Upper
43	100
58	25.1 42.0 63.0#
57	24.9 15.2 22.8#
100	0.0 10.0 15.0#

