

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035349.D
 Acq On : 23 Apr 2024 10:32
 Operator : SY/MD
 Sample : P2170-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:27:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

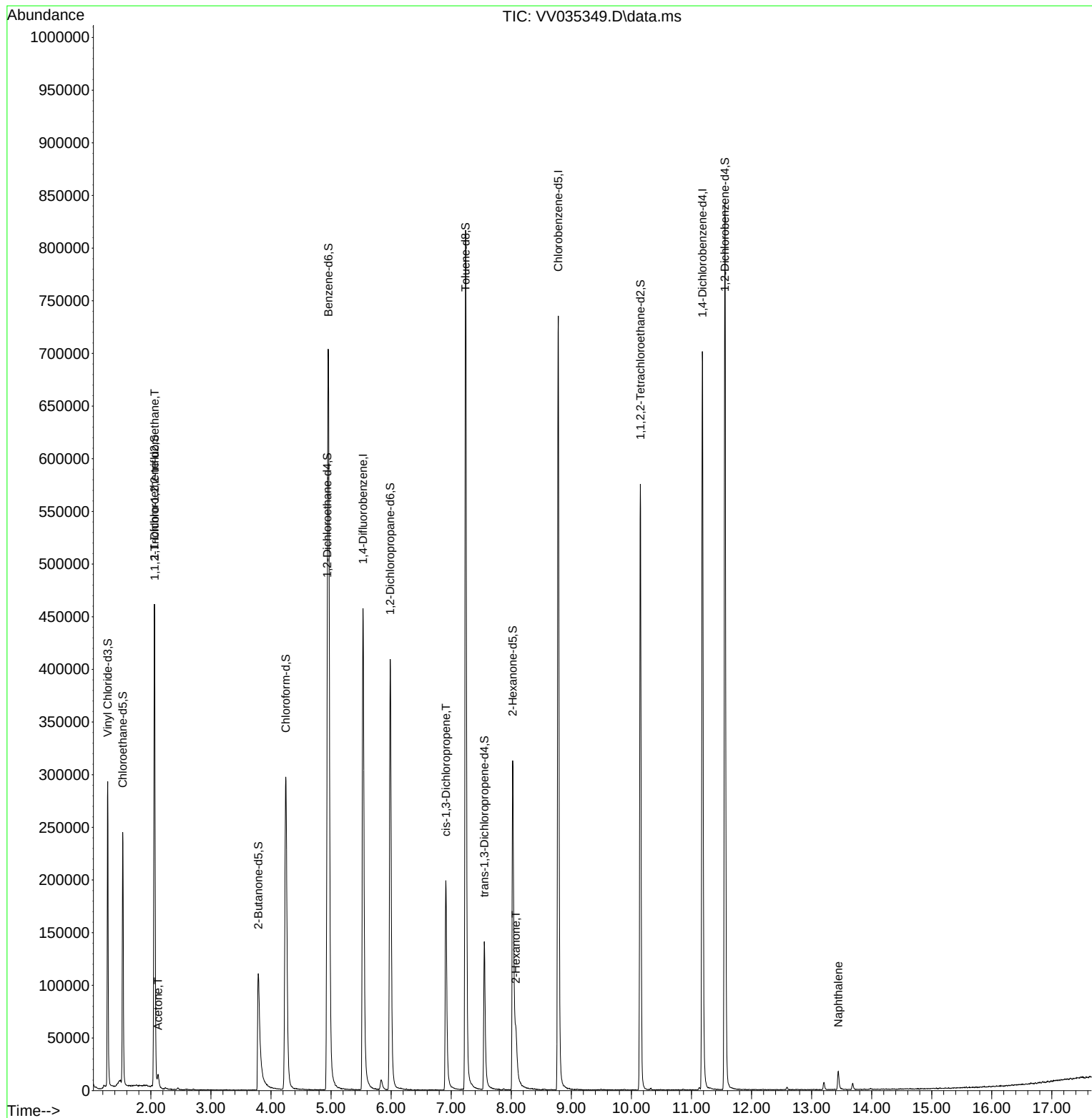
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	412424	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	415615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	191360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	191775	48.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.300%		
7) Chloroethane-d5	1.532	69	153678	44.422	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.840%		
11) 1,1-Dichloroethene-d2	2.059	65	79116	45.314	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.620%		
21) 2-Butanone-d5	3.789	46	187681	79.451	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.450%		
24) Chloroform-d	4.246	84	327030	48.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.660%		
26) 1,2-Dichloroethane-d4	4.937	65	203595	47.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.780%		
32) Benzene-d6	4.956	84	650727	46.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
36) 1,2-Dichloropropane-d6	5.985	67	212667	47.971	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.940%		
41) Toluene-d8	7.239	98	563823	44.845	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.680%		
43) trans-1,3-Dichloroprop...	7.551	79	90349	41.922	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.840%		
47) 2-Hexanone-d5	8.024	63	106836	63.740	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	63.740%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	280577	45.960	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.920%		
66) 1,2-Dichlorobenzene-d4	11.557	152	219962	51.196	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2379	0.735	ug/L #	24
13) Acetone	2.121	43	10010	4.616	ug/L	99
39) cis-1,3-Dichloropropene	6.911	75	5034	0.853	ug/L #	68
48) 2-Hexanone	8.079	43	31655	7.783	ug/L #	92
71) Naphthalene	13.445	128	16450	1.389	ug/L	98

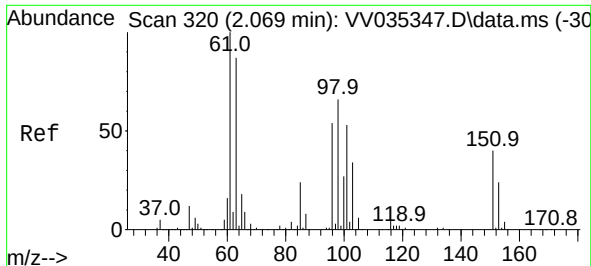
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.735 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.006 min

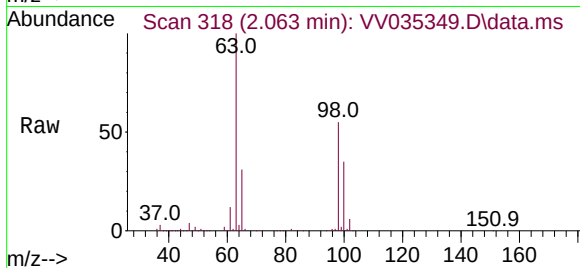
Lab File: VV035349.D

Acq: 23 Apr 2024 10:32

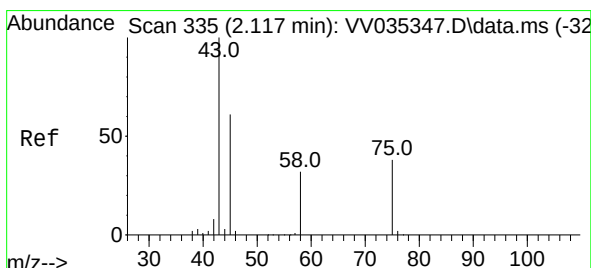
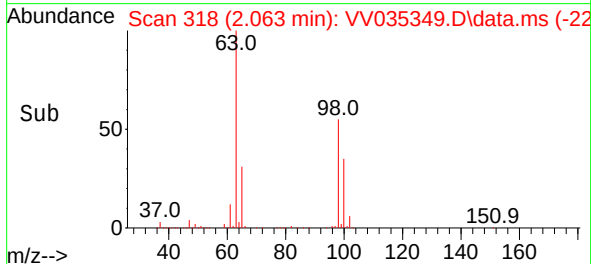
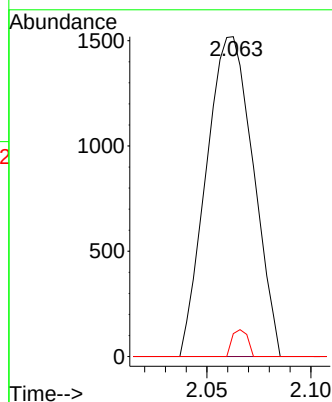
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	101	Resp:	2379
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.3	52.9#
151	2.8	55.0	82.4#



#13

Acetone

Concen: 4.616 ug/L

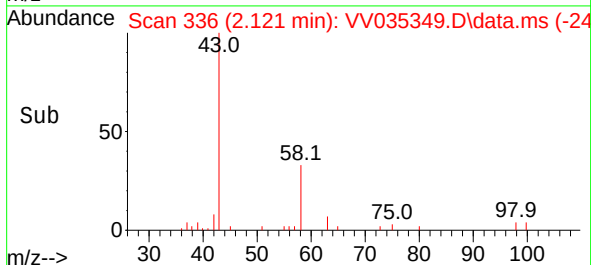
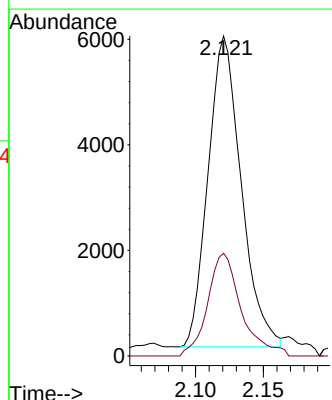
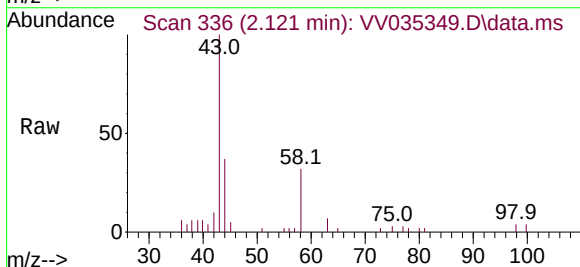
RT: 2.121 min Scan# 336

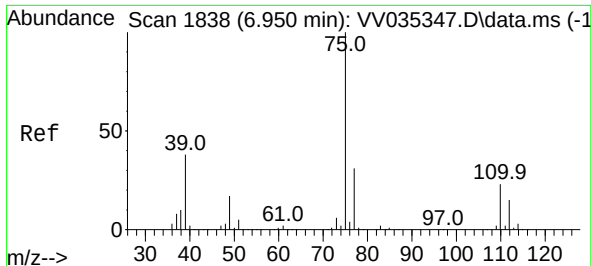
Delta R.T. 0.003 min

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Tgt Ion:	43	Resp:	10010
Ion	Ratio	Lower	Upper
43	100		
58	33.4	0.0	66.0





#39

cis-1,3-Dichloropropene

Concen: 0.853 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.039 min

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Instrument :

MSVOA_V

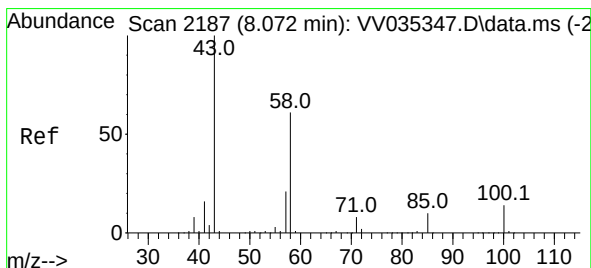
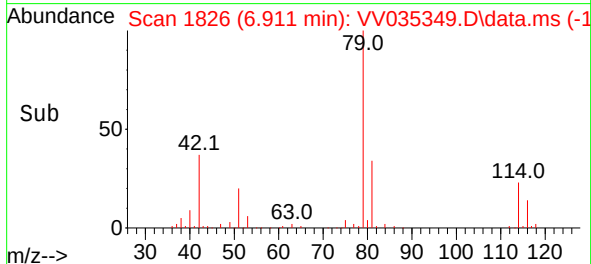
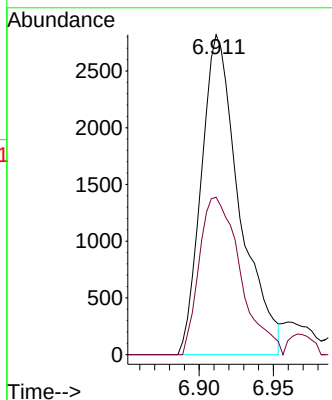
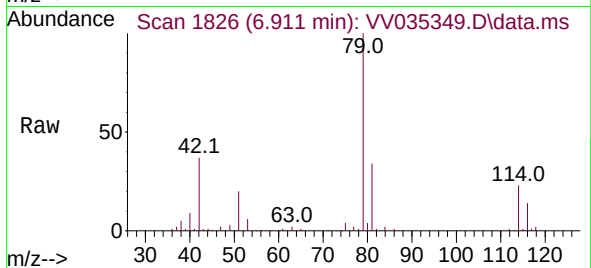
ClientSampleId :

Tgt Ion: 75 Resp: 5034

Ion Ratio Lower Upper

75 100

77 49.2 21.9 40.7#



#48

2-Hexanone

Concen: 7.783 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VV035349.D

Acq: 23 Apr 2024 10:32

Tgt Ion: 43 Resp: 31655

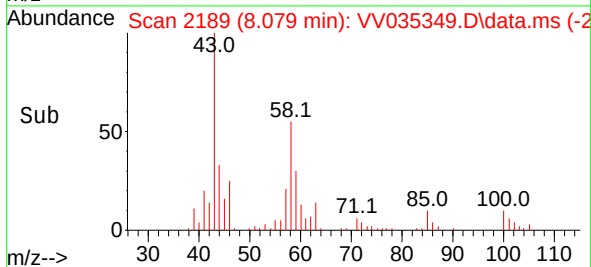
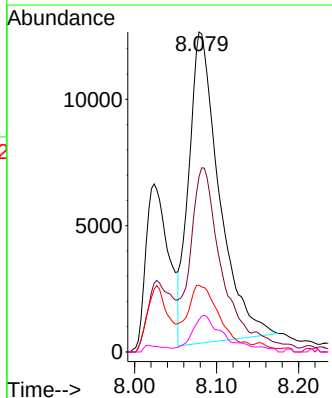
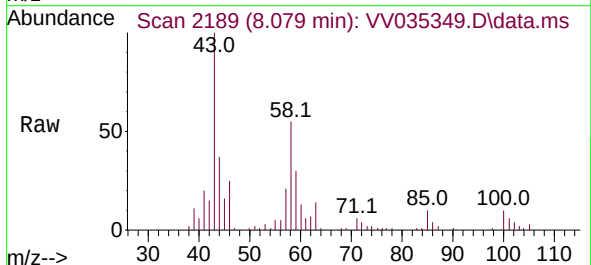
Ion Ratio Lower Upper

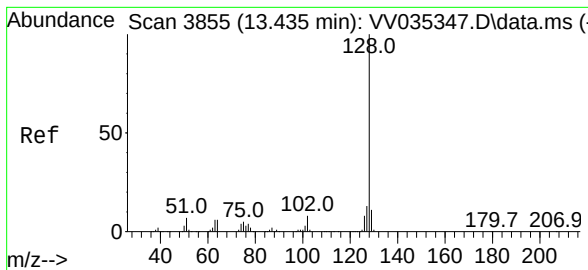
43 100

58 48.7 45.4 68.2

57 20.2 16.2 24.4

100 8.9 10.1 15.1#





#71

Naphthalene

Concen: 1.389 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.010 min

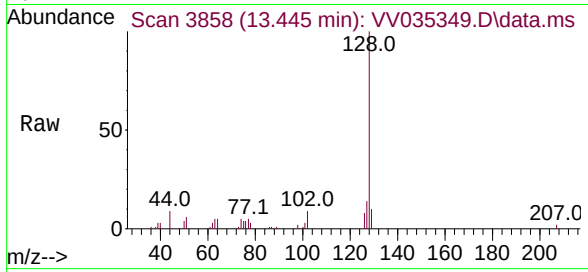
Lab File: VV035349.D

Acq: 23 Apr 2024 10:32

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 16450

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 9.1 8.7 13.1

