

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037029.D
 Acq On : 26 Aug 2024 15:55
 Operator : SY/MD
 Sample : P3697-04
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 02:01:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:58:15 2024
 Response via : Initial Calibration

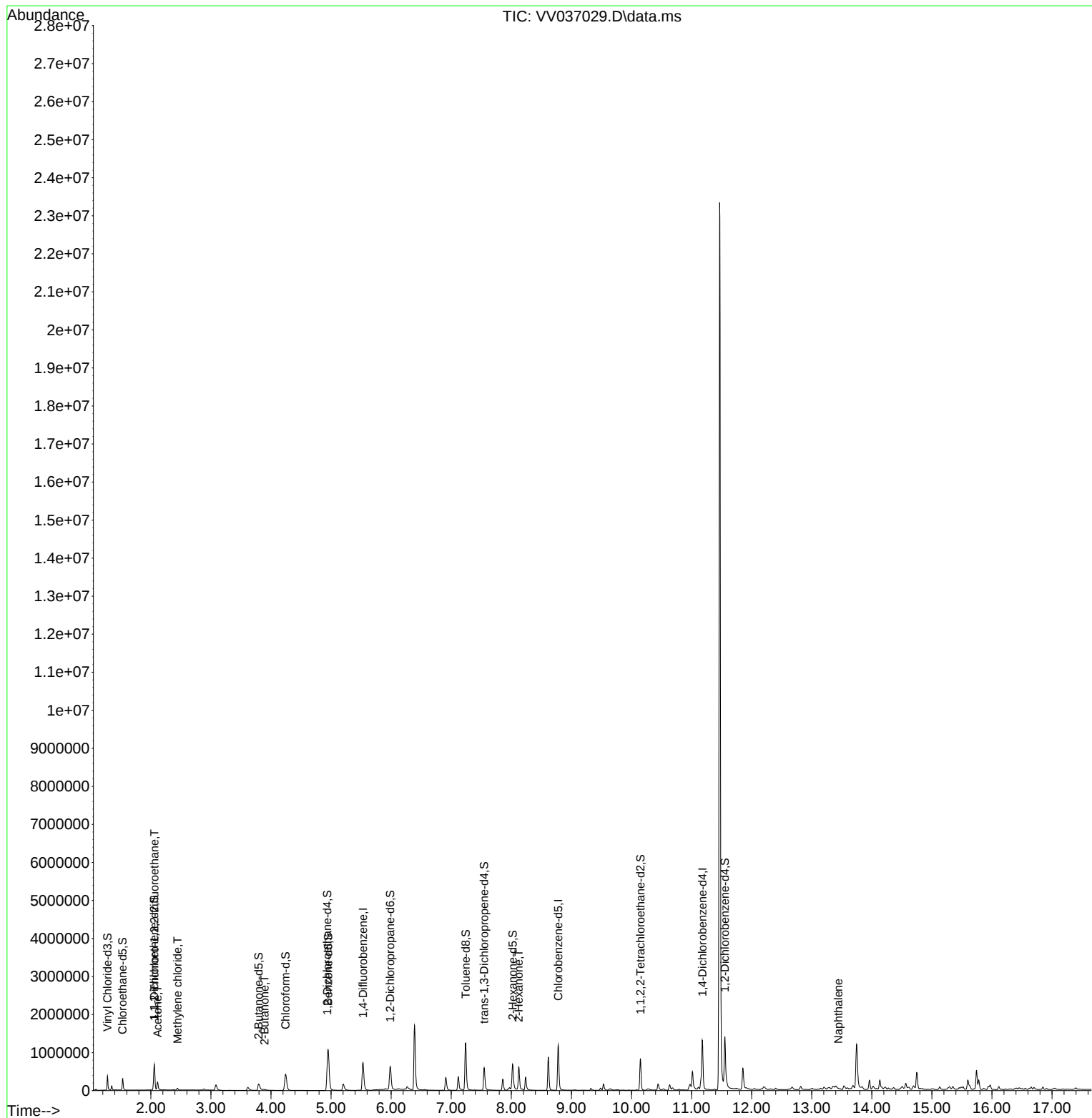
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	638746	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	628625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	315212	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	245393	41.998	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.000%
7) Chloroethane-d5	1.529	69	207957	46.051	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.056	65	109310	44.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
21) 2-Butanone-d5	3.796	46	285094	125.997	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.000%
24) Chloroform-d	4.243	84	451518	49.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
26) 1,2-Dichloroethane-d4	4.937	65	296130	51.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.840%
32) Benzene-d6	4.953	84	916823	48.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
36) 1,2-Dichloropropane-d6	5.985	67	301230	50.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.300%
41) Toluene-d8	7.239	98	832794	48.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.548	79	135392	49.210	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.420%
47) 2-Hexanone-d5	8.024	63	212574	130.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	130.970%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	399867	55.441	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.880%
66) 1,2-Dichlorobenzene-d4	11.554	152	320798	50.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3213	0.726	ug/L #	31
13) Acetone	2.111	43	214174	88.257	ug/L	96
16) Methylene chloride	2.442	84	17609	3.745	ug/L	94
22) 2-Butanone	3.892	43	37282	13.954	ug/L	98
48) 2-Hexanone	8.124	43	85275	22.300	ug/L #	1
71) Naphthalene	13.442	128	24052	1.347	ug/L	97

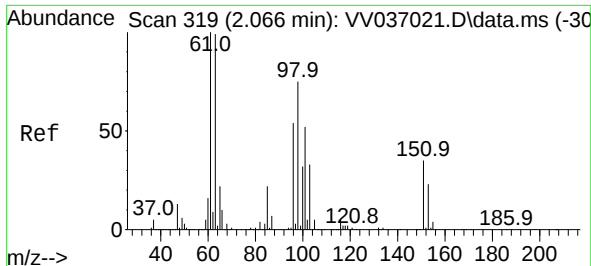
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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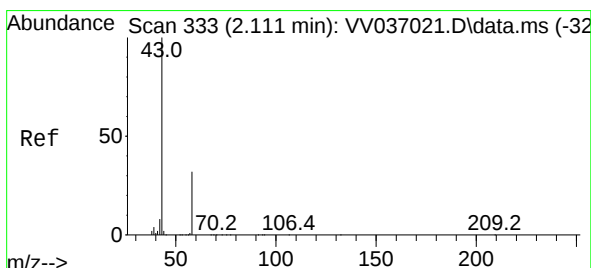
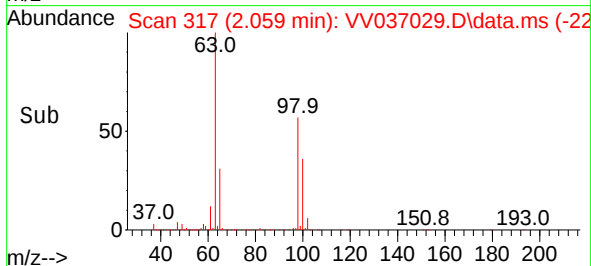
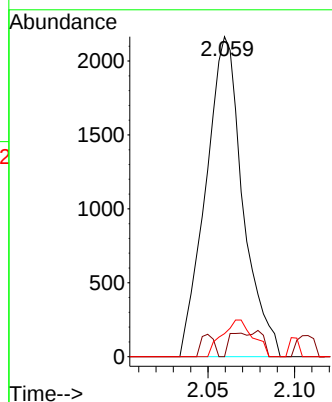
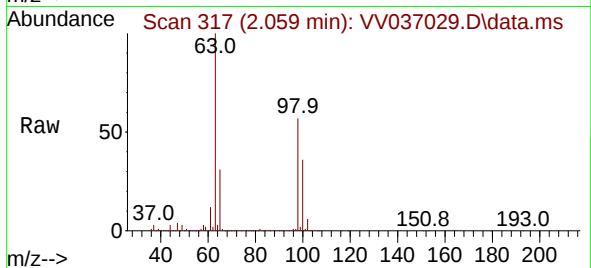




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.726 ug/L
 RT: 2.059 min Scan# 319
 Delta R.T. -0.007 min
 Lab File: VV037029.D
 Acq: 26 Aug 2024 15:55

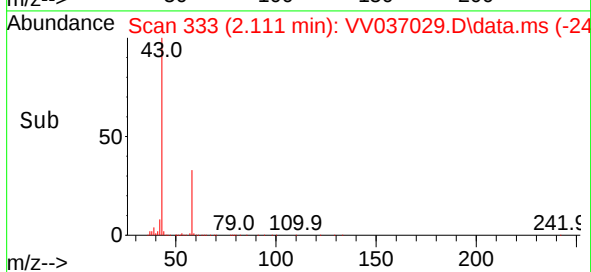
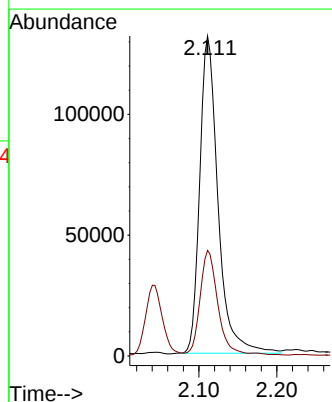
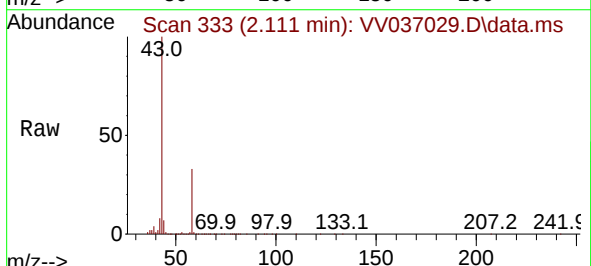
Instrument :
 MSVOA_V
 ClientSampleId :

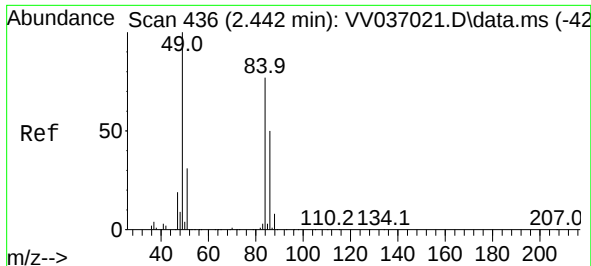
Tgt Ion:101 Resp: 3213
 Ion Ratio Lower Upper
 101 100
 85 3.7 35.6 53.4#
 151 9.6 55.0 82.4#



#13
 Acetone
 Concen: 88.257 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV037029.D
 Acq: 26 Aug 2024 15:55

Tgt Ion: 43 Resp: 214174
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 64.8





#16

Methylene chloride

Concen: 3.745 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.000 min

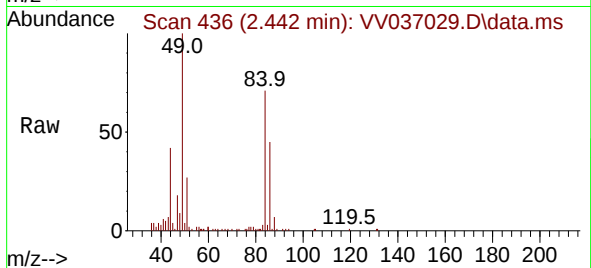
Lab File: VV037029.D

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MSVOA_V

ClientSampleId :



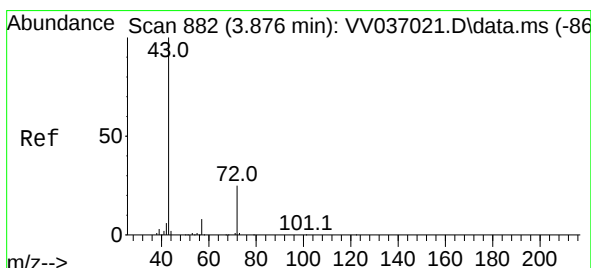
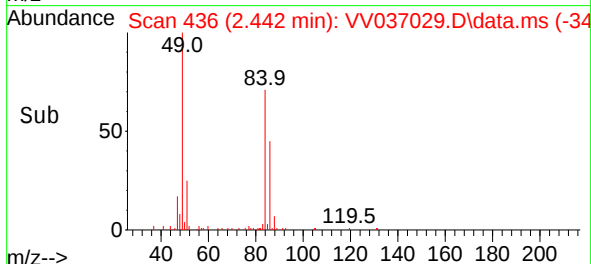
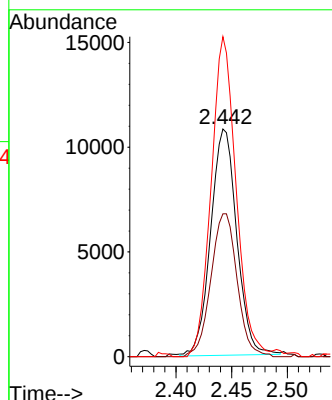
Tgt Ion: 84 Resp: 17609

Ion Ratio Lower Upper

84 100

86 62.7 44.7 82.9

49 140.5 91.4 169.8



#22

2-Butanone

Concen: 13.954 ug/L

RT: 3.892 min Scan# 887

Delta R.T. 0.016 min

Lab File: VV037029.D

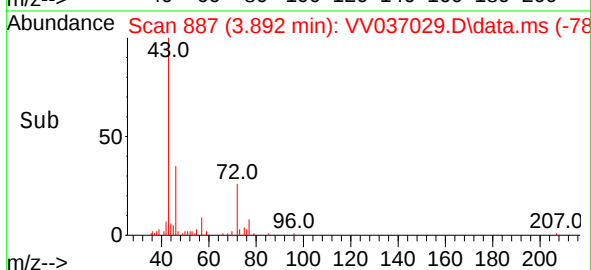
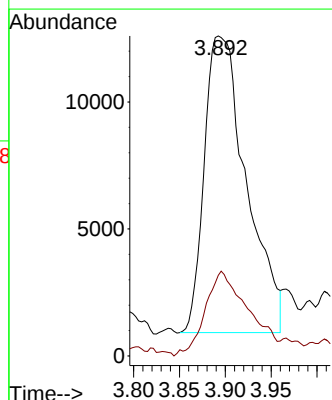
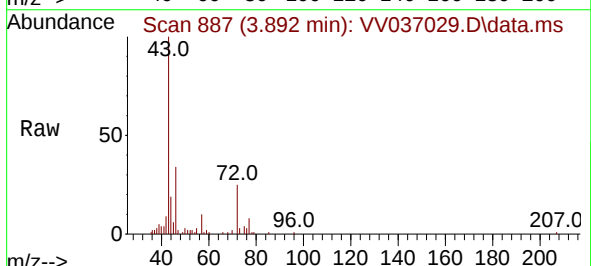
Acq: 26 Aug 2024 15:55

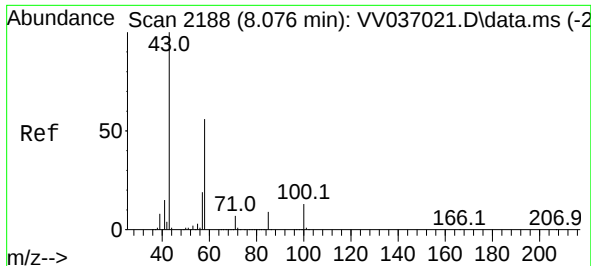
Tgt Ion: 43 Resp: 37282

Ion Ratio Lower Upper

43 100

72 24.5 12.7 38.0

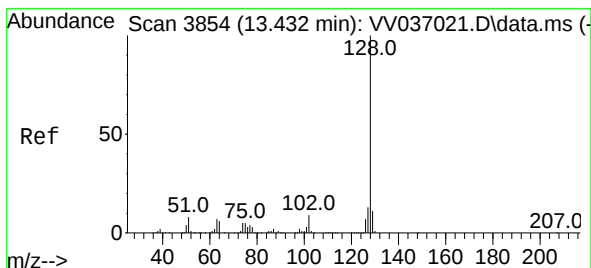
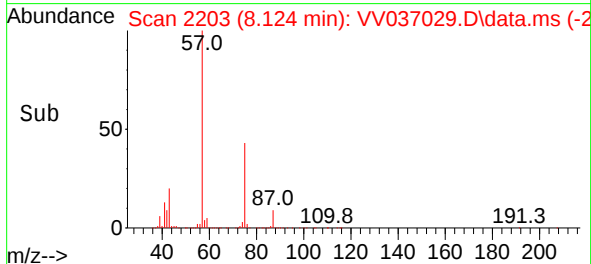
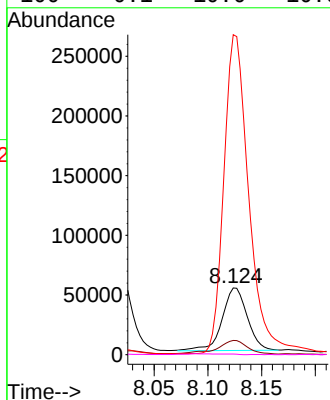
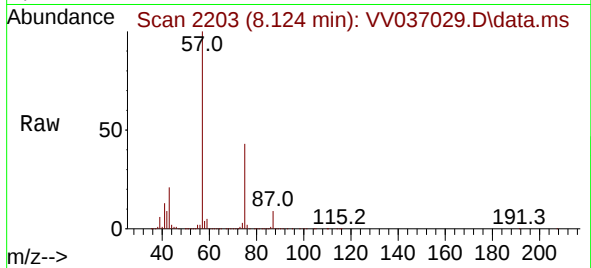




#48
2-Hexanone
Concen: 22.300 ug/L
RT: 8.124 min Scan# 2188
Delta R.T. 0.048 min
Lab File: VV037029.D
Acq: 26 Aug 2024 15:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 85275
Ion Ratio Lower Upper
43 100
58 22.5 46.0 69.0#
57 513.0 15.6 23.4#
100 0.1 10.6 16.0#



#71
Naphthalene
Concen: 1.347 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.009 min
Lab File: VV037029.D
Acq: 26 Aug 2024 15:55

Tgt Ion: 128 Resp: 24052
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.2
129 9.4 8.8 13.2

