

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036638.D
 Acq On : 23 Jul 2024 11:57
 Operator : SY/MD
 Sample : P3276-05
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 00:58:54 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)

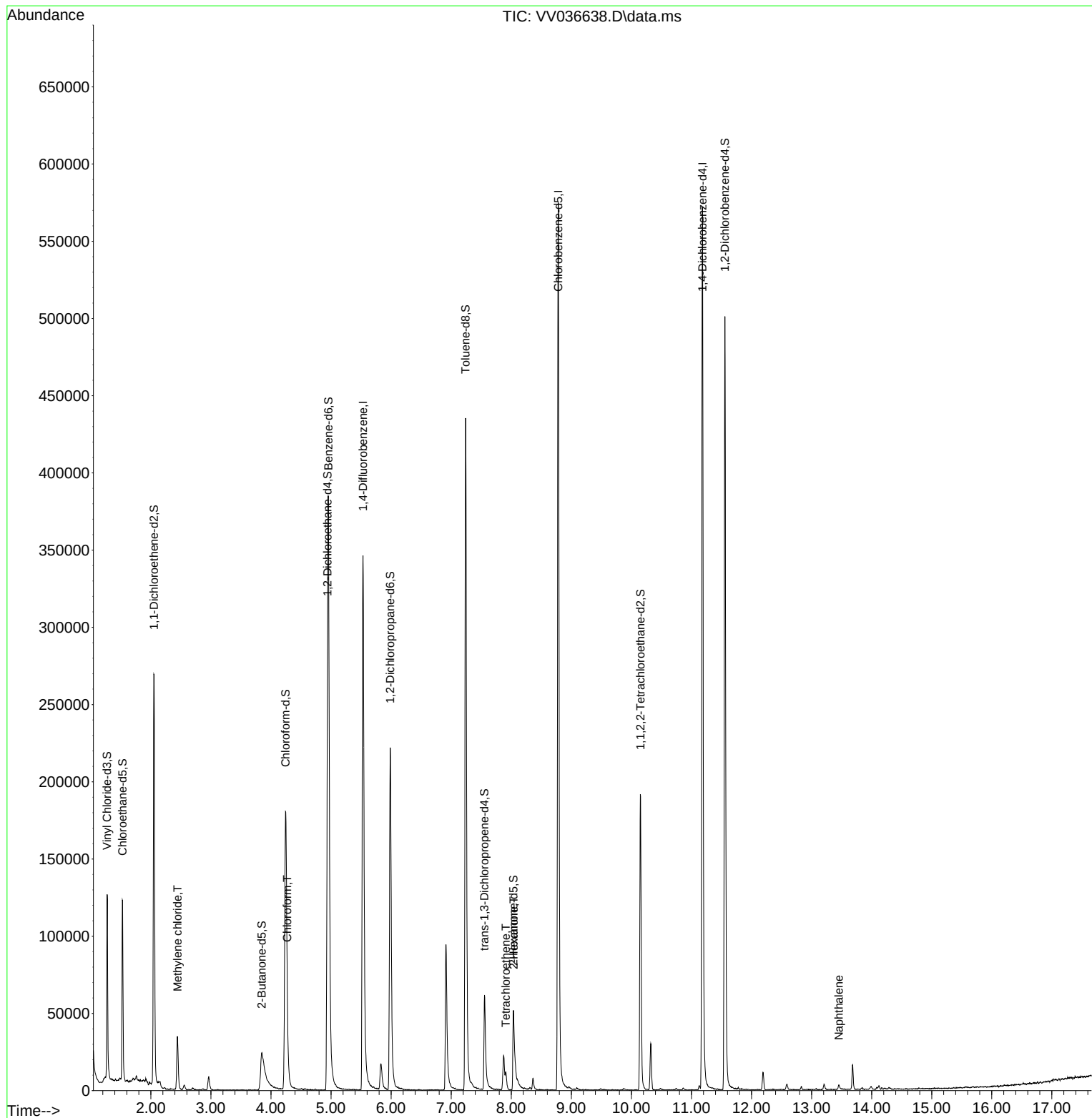
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	341727	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351046	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	166850	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	78993	21.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
7) Chloroethane-d5	1.526	69	78371	23.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.720%
11) 1,1-Dichloroethene-d2	2.050	65	43274	21.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.480%
21) 2-Butanone-d5	3.847	46	7331	8.393	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.780%#
24) Chloroform-d	4.243	84	204068	22.579	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	4.940	65	106465	23.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	4.957	84	359304	21.596	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.985	67	107601	22.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.800%
41) Toluene-d8	7.239	98	318754	20.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.320%
43) trans-1,3-Dichloroprop...	7.554	79	41929	19.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.600%
47) 2-Hexanone-d5	8.037	63	19907	31.554	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	90701	21.952	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	144452	24.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	16674	2.622	ug/L	90
25) Chloroform	4.272	83	6240	0.619	ug/L	89
46) Tetrachloroethene	7.908	164	3102	0.479	ug/L	91
48) 2-Hexanone	8.040	43	2092	1.245	ug/L #	68
71) Naphthalene	13.455	128	3969	0.365	ug/L #	81

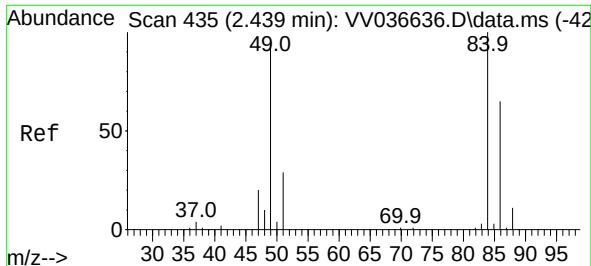
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 00:57:38 2024
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#16

Methylene chloride

Concen: 2.622 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

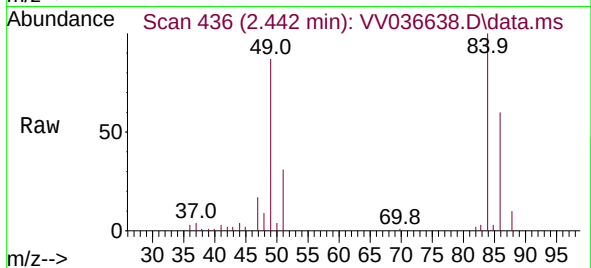
Lab File: VV036638.D

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MSVOA_V

ClientSampleId :



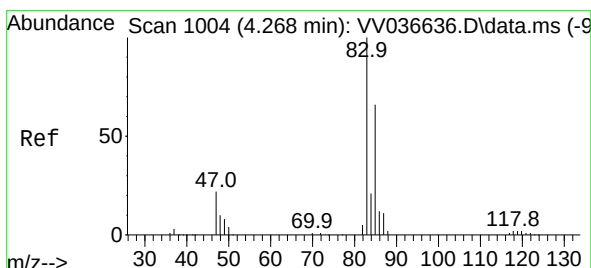
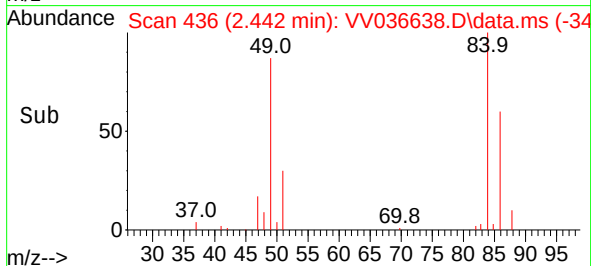
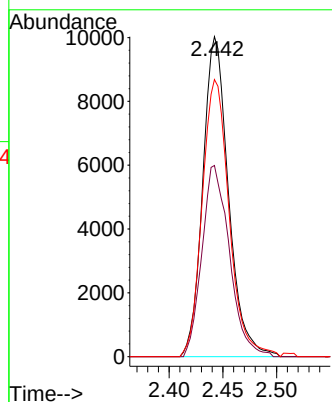
Tgt Ion: 84 Resp: 16674

Ion Ratio Lower Upper

84 100

86 59.8 47.2 87.6

49 86.6 67.3 125.1



#25

Chloroform

Concen: 0.619 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV036638.D

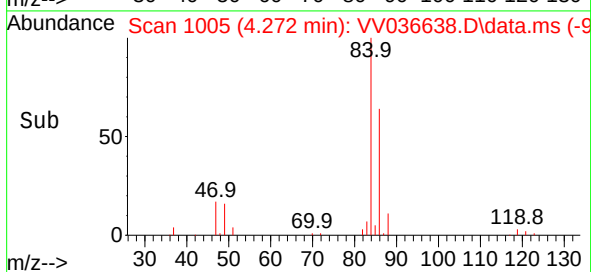
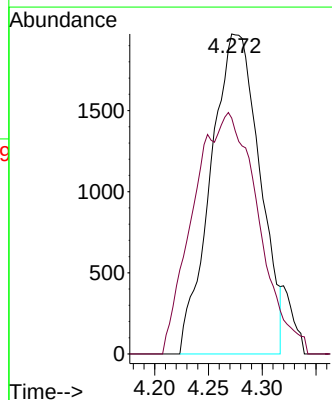
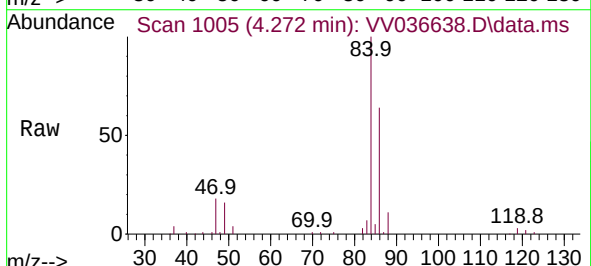
Acq: 23 Jul 2024 11:57

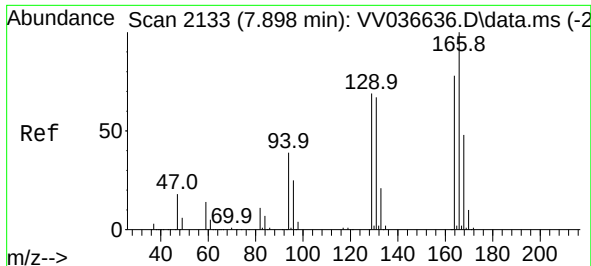
Tgt Ion: 83 Resp: 6240

Ion Ratio Lower Upper

83 100

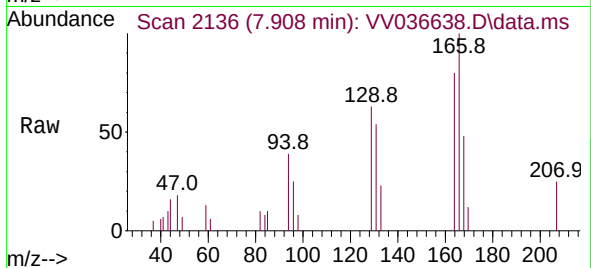
85 73.7 45.6 84.6



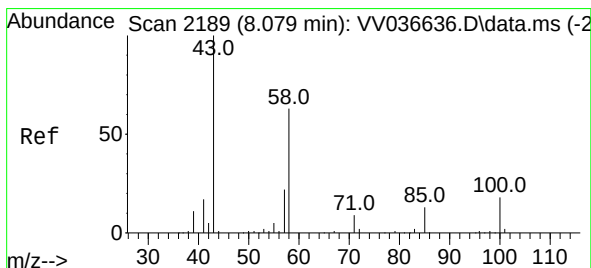
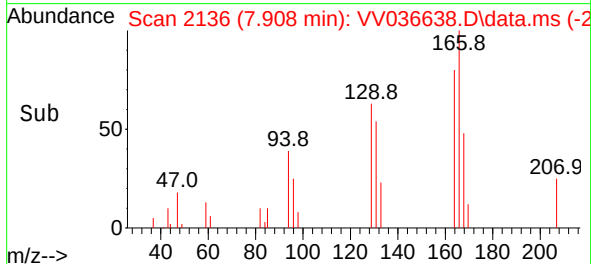
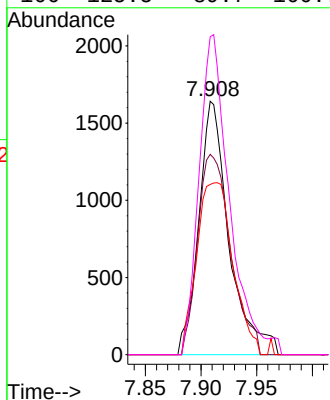


#46
Tetrachloroethene
Concen: 0.479 ug/L
RT: 7.908 min Scan# 2133
Delta R.T. 0.010 min
Lab File: VV036638.D
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Instrument :
MSVOA_V
ClientSampleId :

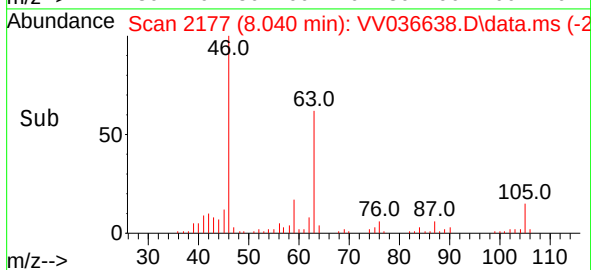
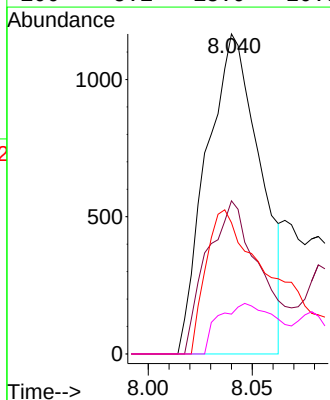
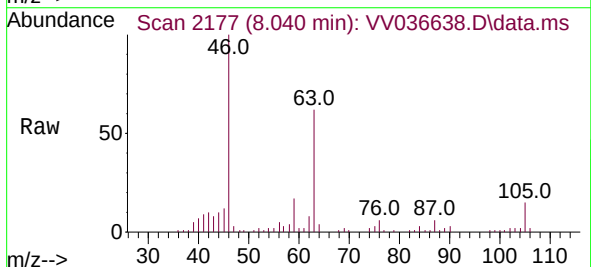


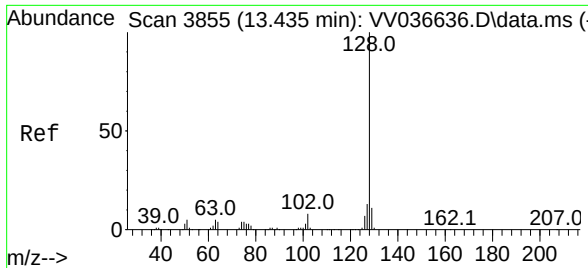
Tgt Ion:	164	Resp:	3102
Ion	Ratio	Lower	Upper
164	100		
129	79.0	61.0	113.2
131	67.2	60.1	111.5
166	125.5	89.7	166.7



#48
2-Hexanone
Concen: 1.245 ug/L
RT: 8.040 min Scan# 2177
Delta R.T. -0.039 min
Lab File: VV036638.D
Acq: 23 Jul 2024 11:57

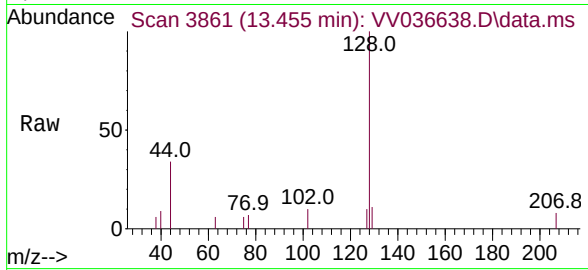
Tgt Ion:	43	Resp:	2092
Ion	Ratio	Lower	Upper
43	100		
58	48.9	50.6	75.8#
57	58.2	17.7	26.5#
100	5.1	13.9	20.9#





#71
 Naphthalene
 Concen: 0.365 ug/L
 RT: 13.455 min Scan# 3861
 Delta R.T. 0.019 min
 Lab File: VV036638.D
 Acq: 23 Jul 2024 11:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	3969
Ion Ratio	Lower	Upper	
128	100		
127	5.7	10.4	15.6#
129	3.4	8.7	13.1#

