

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036632.D
 Acq On : 22 Jul 2024 17:13
 Operator : SY/MD
 Sample : P3276-03
 Misc : 7.93g/10.0mL/MSVOA_V/SOILA
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 02:07:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

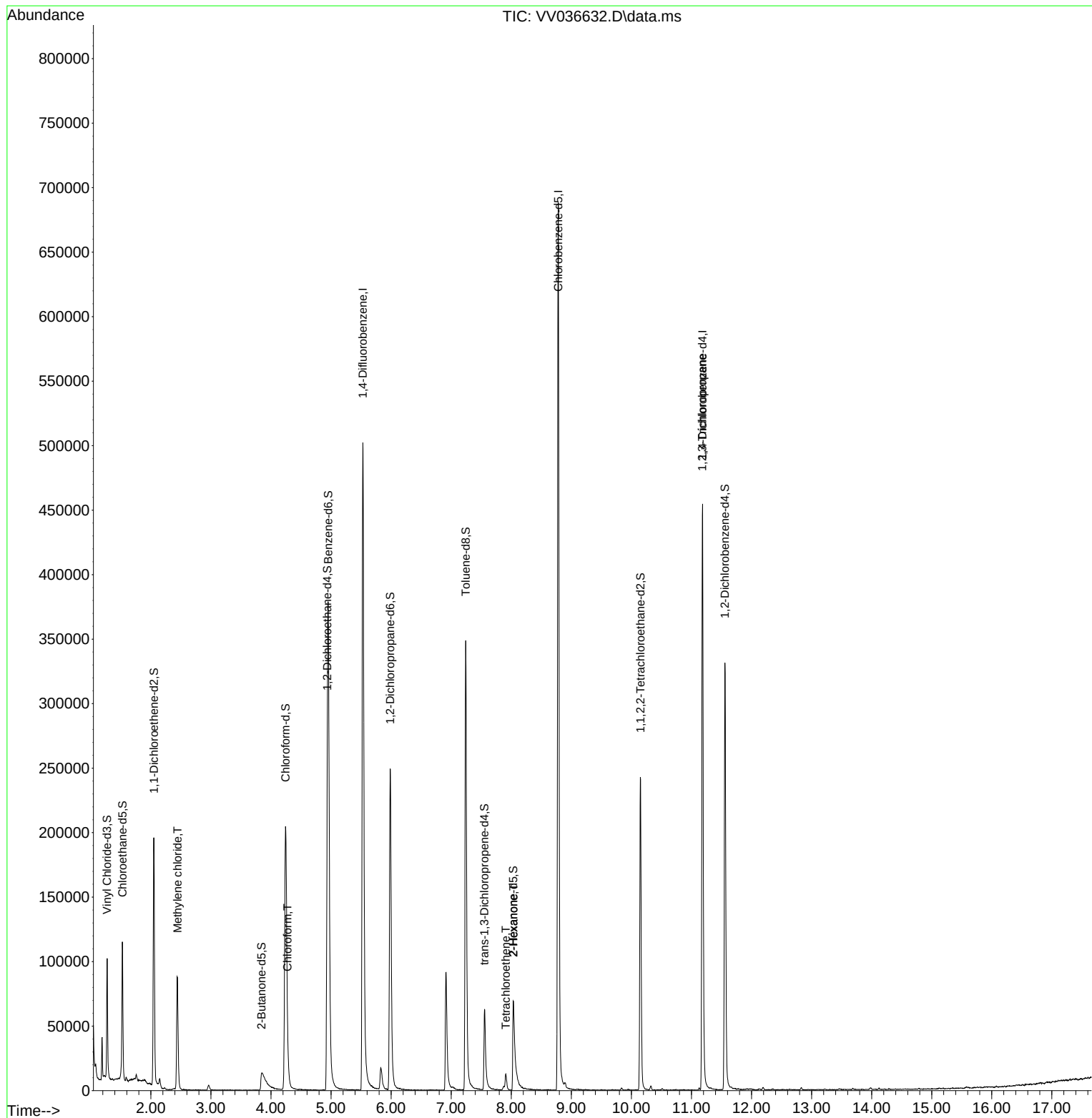
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	476695	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	425827	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	58359	11.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.720%
7) Chloroethane-d5	1.526	69	69823	14.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.240%
11) 1,1-Dichloroethene-d2	2.050	65	31383	11.368	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.480%
21) 2-Butanone-d5	3.841	46	7266	5.963	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.920%#
24) Chloroform-d	4.243	84	232058	18.407	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.640%
26) 1,2-Dichloroethane-d4	4.937	65	130071	20.913	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.640%
32) Benzene-d6	4.953	84	332041	16.452	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.800%
36) 1,2-Dichloropropane-d6	5.986	67	120808	21.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	7.243	98	255027	13.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.960%
43) trans-1,3-Dichloroprop...	7.555	79	42557	16.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.600%
47) 2-Hexanone-d5	8.034	63	25481	33.296	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.600%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	114878	22.921	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	99149	21.656	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.442	84	41269	4.653	ug/L	97
25) Chloroform	4.275	83	7842	0.558	ug/L	93
46) Tetrachloroethene	7.908	164	3493	0.445	ug/L	97
48) 2-Hexanone	8.037	43	2808	1.378	ug/L #	73
61) 1,2,3-Trichloropropane	11.181	75	12271	5.307	ug/L #	60

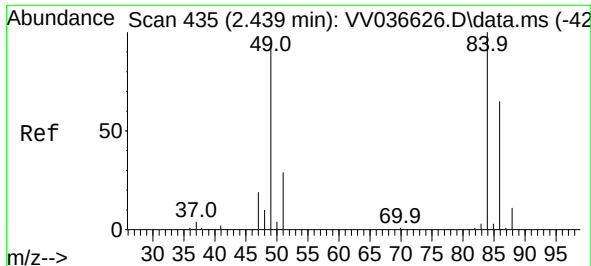
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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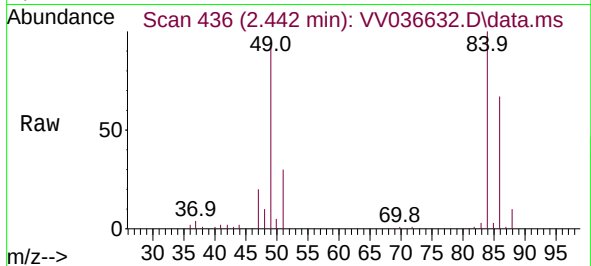
Quant Time: Jul 23 02:07:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
Response via : Initial Calibration



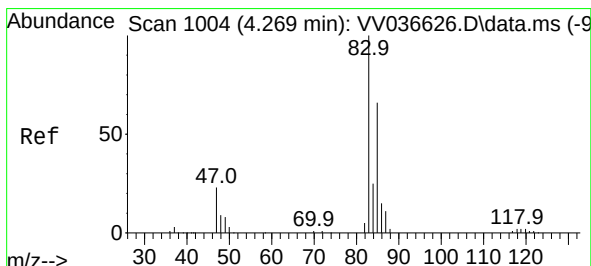
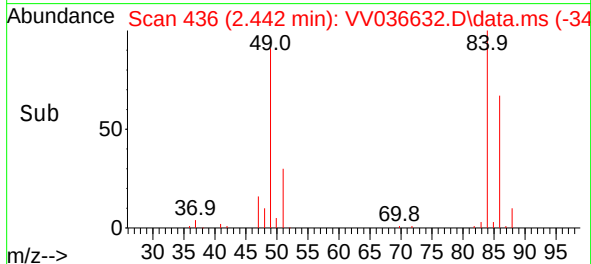
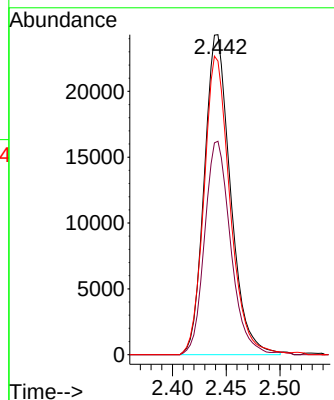


#16
Methylene chloride
Concen: 4.653 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036632.D
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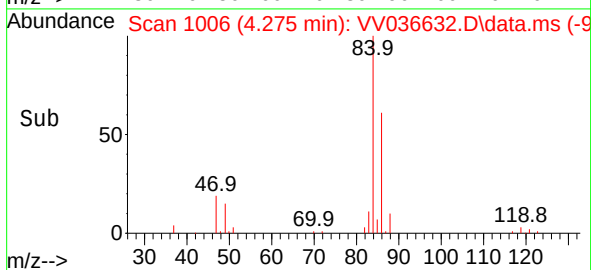
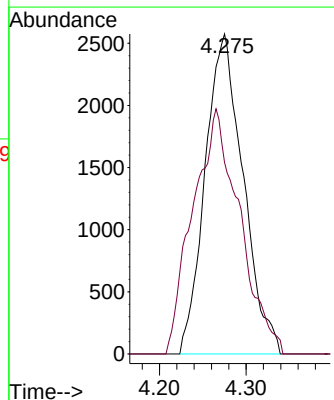
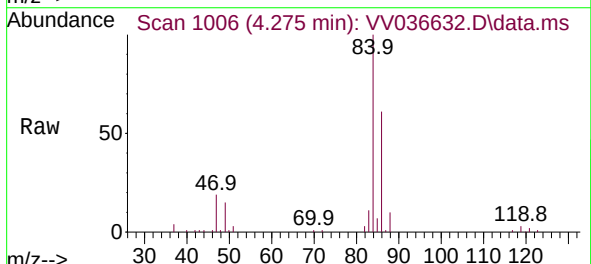


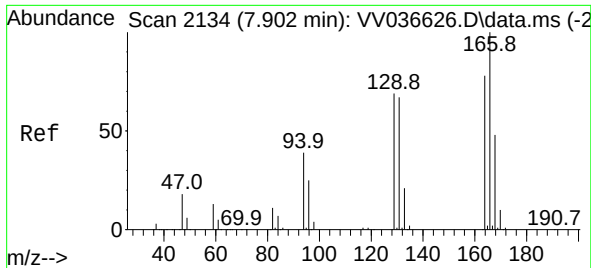
Tgt Ion: 84 Resp: 41269
Ion Ratio Lower Upper
84 100
86 66.7 47.2 87.6
49 91.7 67.3 125.1



#25
Chloroform
Concen: 0.558 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VV036632.D
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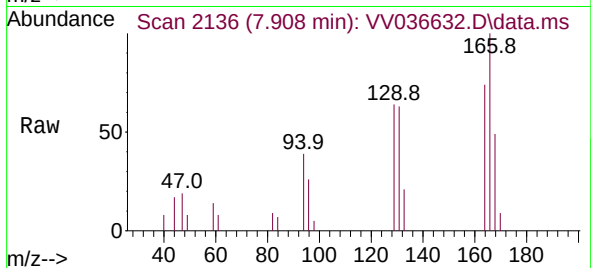
Tgt Ion: 83 Resp: 7842
Ion Ratio Lower Upper
83 100
85 59.9 45.6 84.6





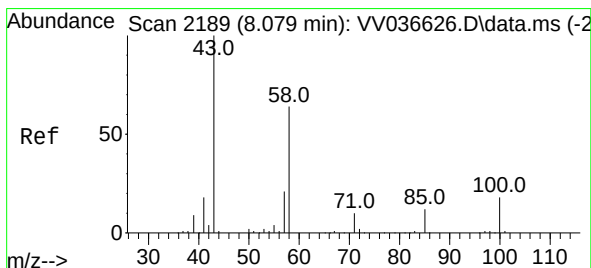
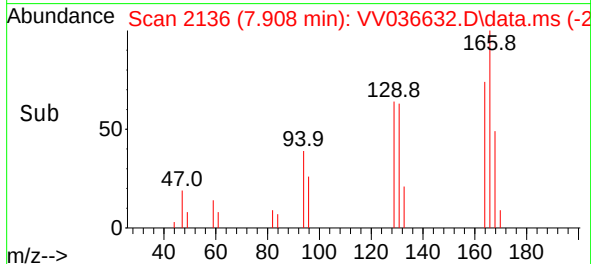
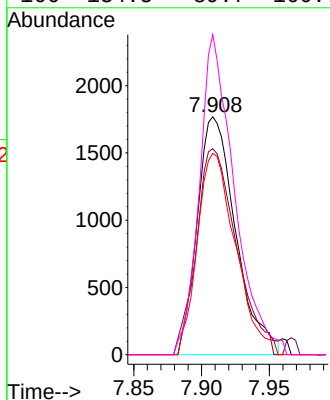
#46
Tetrachloroethene
Concen: 0.445 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036632.D
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Tgt Ion:164 Resp: 3493

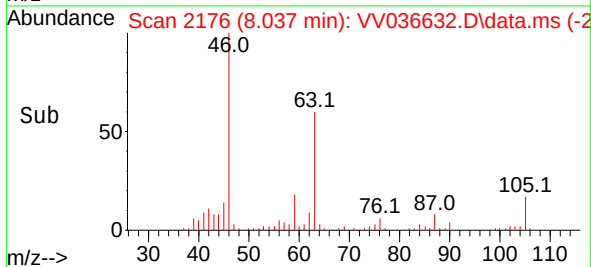
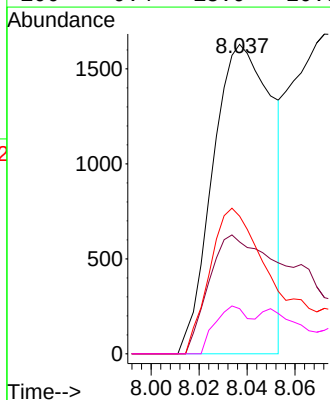
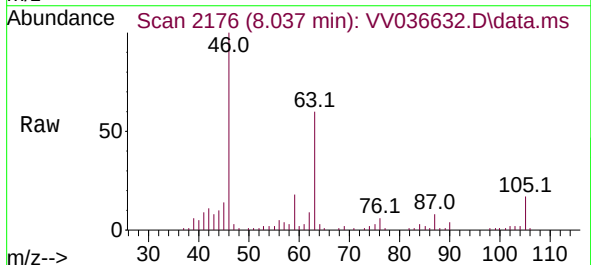
Ion	Ratio	Lower	Upper
164	100		
129	86.5	61.0	113.2
131	84.6	60.1	111.5
166	134.5	89.7	166.7

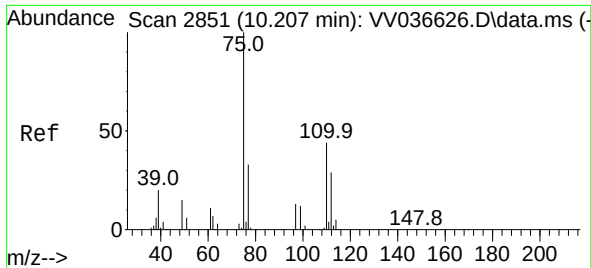


#48
2-Hexanone
Concen: 1.378 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.042 min
Lab File: VV036632.D
Acq: 22 Jul 2024 17:13

Tgt Ion: 43 Resp: 2808

Ion	Ratio	Lower	Upper
43	100		
58	45.3	50.6	75.8#
57	43.6	17.7	26.5#
100	9.4	13.9	20.9#





#61

1,2,3-Trichloropropane

Concen: 5.307 ug/L

RT: 11.181 min Scan# 31

Delta R.T. 0.974 min

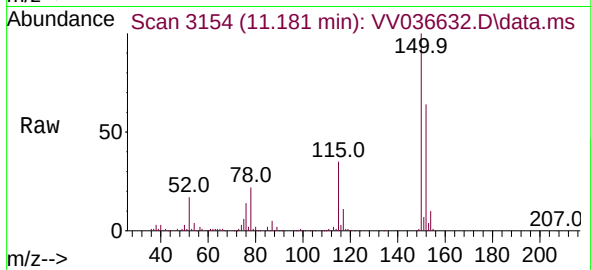
Lab File: VV036632.D

Acq: 22 Jul 2024 17:13

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 12271

Ion Ratio Lower Upper

75 100

77 36.3 25.9 38.9

110 3.1 36.2 54.4#

