

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036627.D
 Acq On : 22 Jul 2024 13:16
 Operator : SY/MD
 Sample : VV0722SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 02:05:45 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

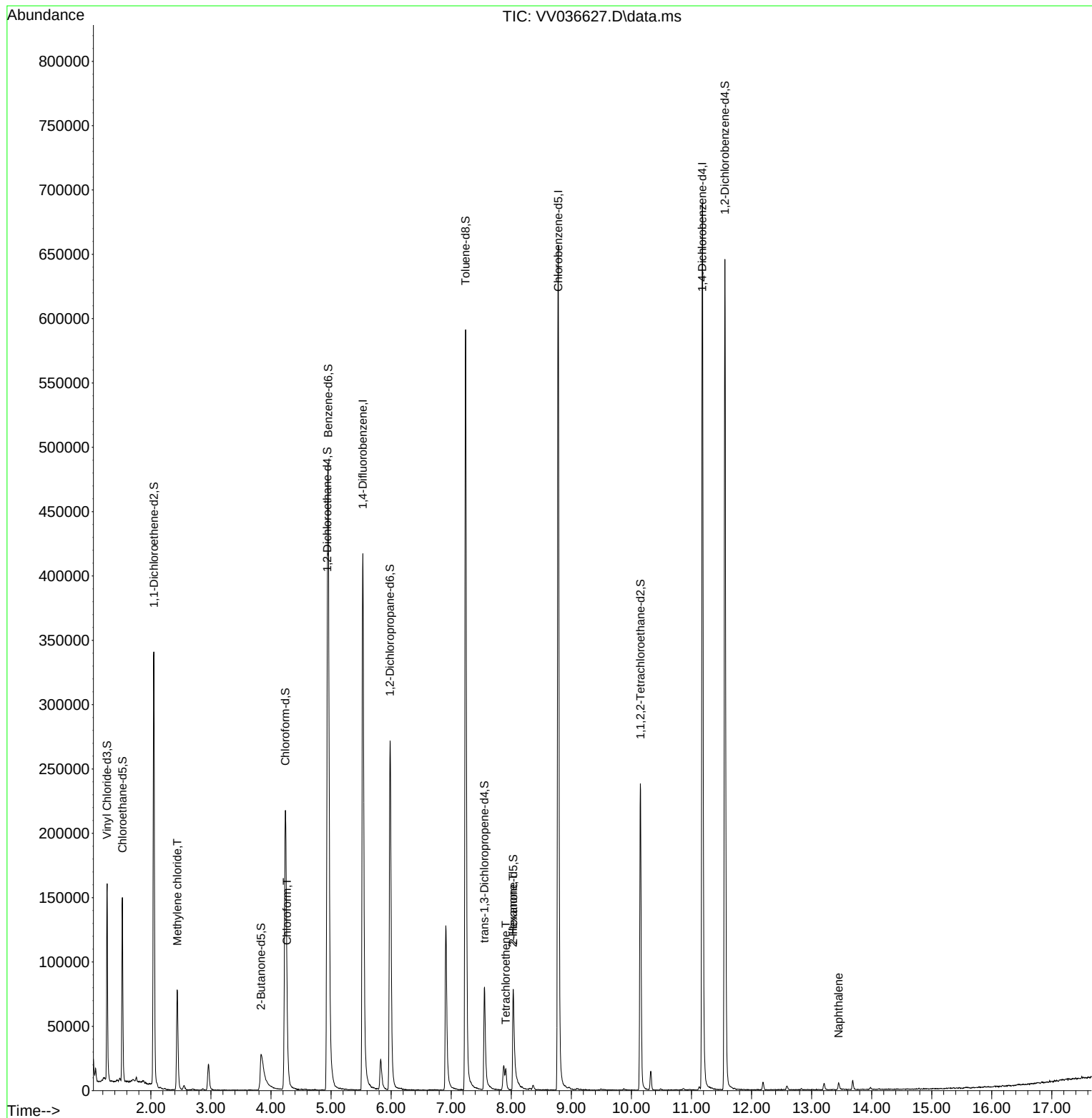
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	406035	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	406366	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	200580	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	102262	22.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.000%
7) Chloroethane-d5	1.526	69	97736	24.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.320%
11) 1,1-Dichloroethene-d2	2.050	65	55226	23.486	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.960%
21) 2-Butanone-d5	3.834	46	41630	40.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.220%
24) Chloroform-d	4.240	84	245847	22.894	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	4.937	65	131358	24.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.160%
32) Benzene-d6	4.953	84	459471	23.857	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.440%
36) 1,2-Dichloropropane-d6	5.982	67	132559	24.156	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	7.239	98	424612	23.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.555	79	53721	22.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.080%
47) 2-Hexanone-d5	8.034	63	32801	44.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	113362	23.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	186653	26.657	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	36978	4.895	ug/L	99
25) Chloroform	4.269	83	7388	0.617	ug/L	100
46) Tetrachloroethene	7.908	164	4122	0.550	ug/L	90
48) 2-Hexanone	8.030	43	3440	1.769	ug/L #	73
71) Naphthalene	13.451	128	5441	0.416	ug/L	97

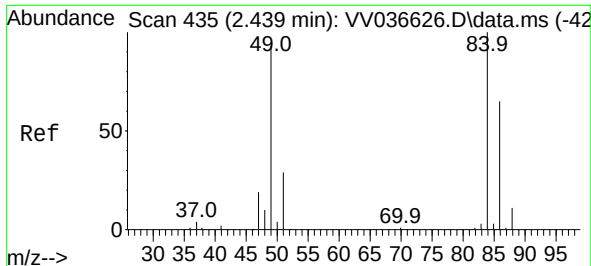
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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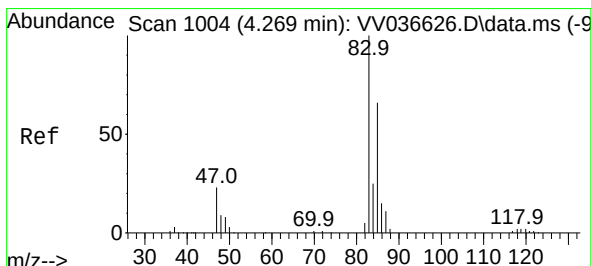
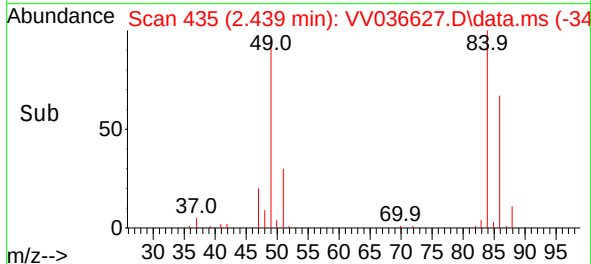
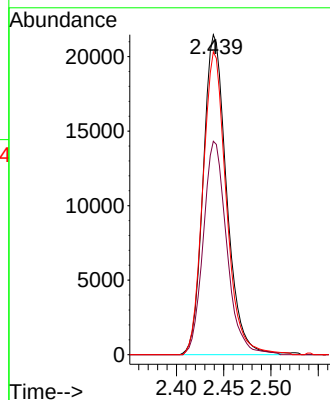
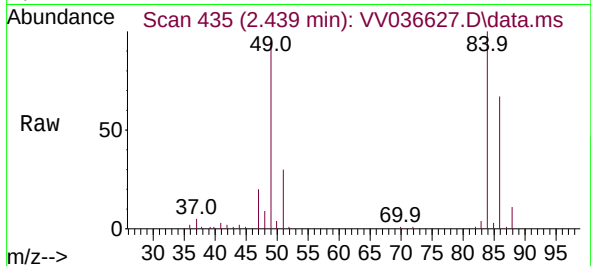




#16
Methylene chloride
Concen: 4.895 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036627.D
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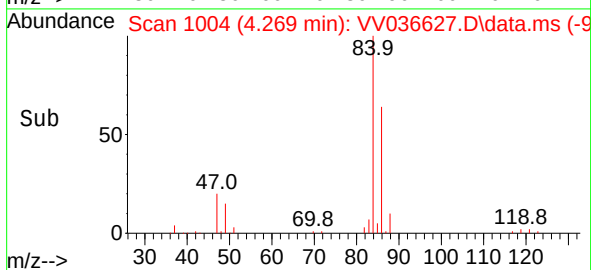
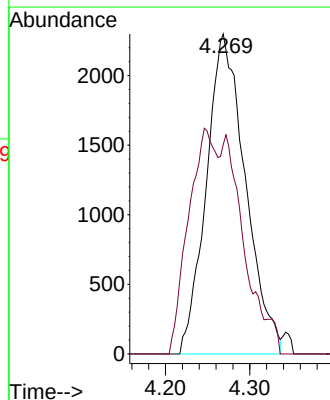
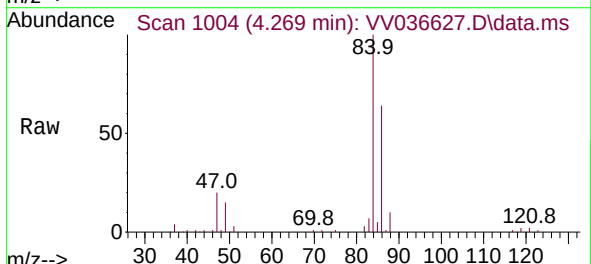
Instrument :
MSVOA_V
ClientSampleId :

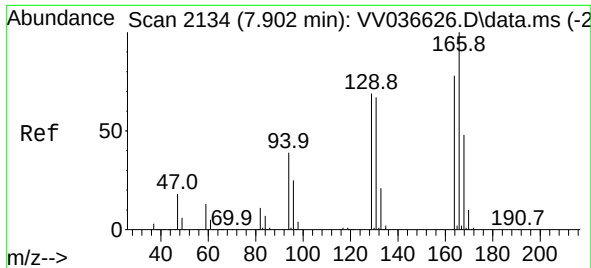
Tgt Ion: 84 Resp: 36978
Ion Ratio Lower Upper
84 100
86 66.7 47.2 87.6
49 94.7 67.3 125.1



#25
Chloroform
Concen: 0.617 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV036627.D
Acq: 22 Jul 2024 13:16

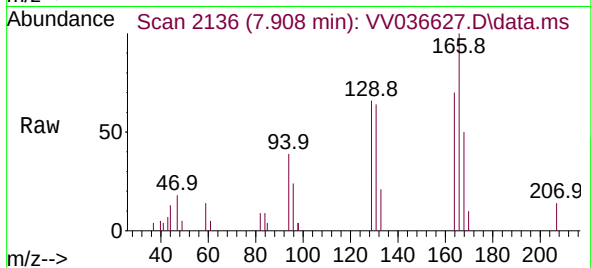
Tgt Ion: 83 Resp: 7388
Ion Ratio Lower Upper
83 100
85 65.5 45.6 84.6





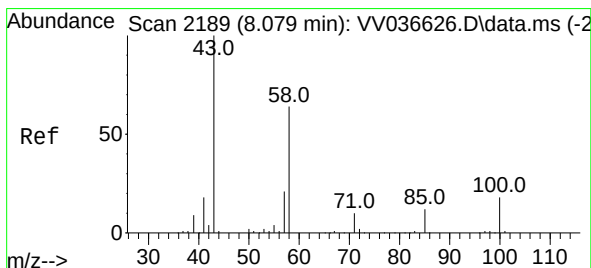
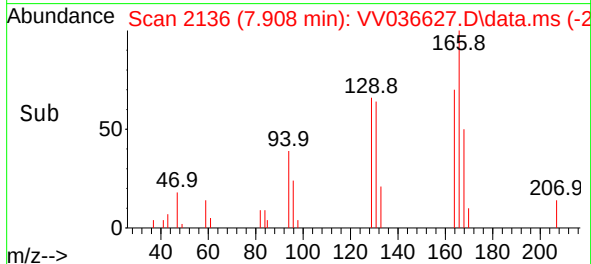
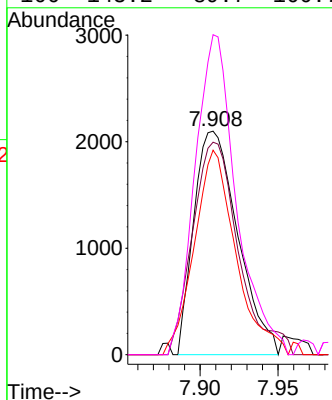
#46
Tetrachloroethene
Concen: 0.550 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV036627.D
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Tgt Ion:164 Resp: 4122

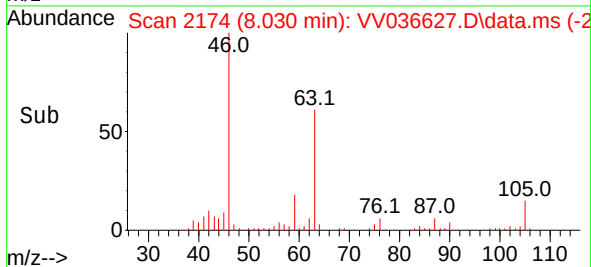
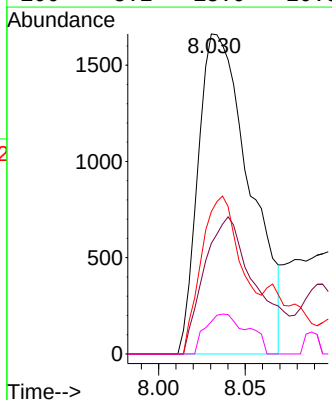
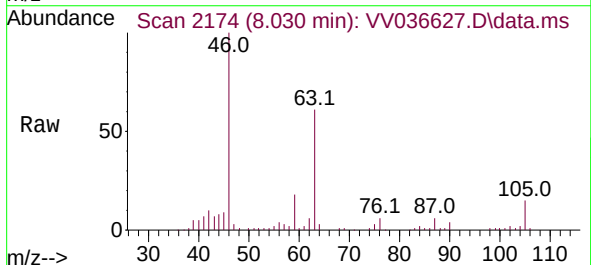
Ion	Ratio	Lower	Upper
164	100		
129	95.0	61.0	113.2
131	91.5	60.1	111.5
166	143.2	89.7	166.7

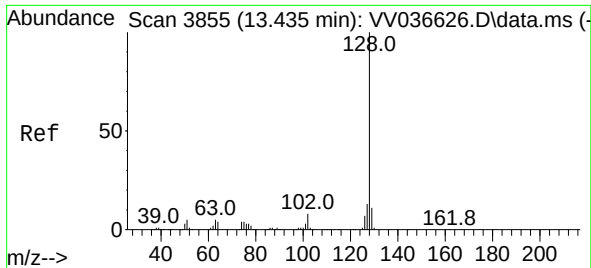


#48
2-Hexanone
Concen: 1.769 ug/L
RT: 8.030 min Scan# 2174
Delta R.T. -0.048 min
Lab File: VV036627.D
Acq: 22 Jul 2024 13:16

Tgt Ion: 43 Resp: 3440

Ion	Ratio	Lower	Upper
43	100		
58	43.4	50.6	75.8#
57	40.3	17.7	26.5#
100	8.2	13.9	20.9#





#71

Naphthalene

Concen: 0.416 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

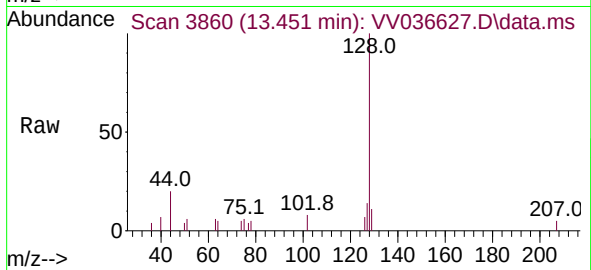
Lab File: VV036627.D

Acq: 22 Jul 2024 13:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	128	Resp:	5441
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	9.2	8.7	13.1

