

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072624\
 Data File : VW036734.D
 Acq On : 26 Jul 2024 16:29
 Operator : SY/MD
 Sample : P3328-18
 Misc : 9.39g/5.00mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:17:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

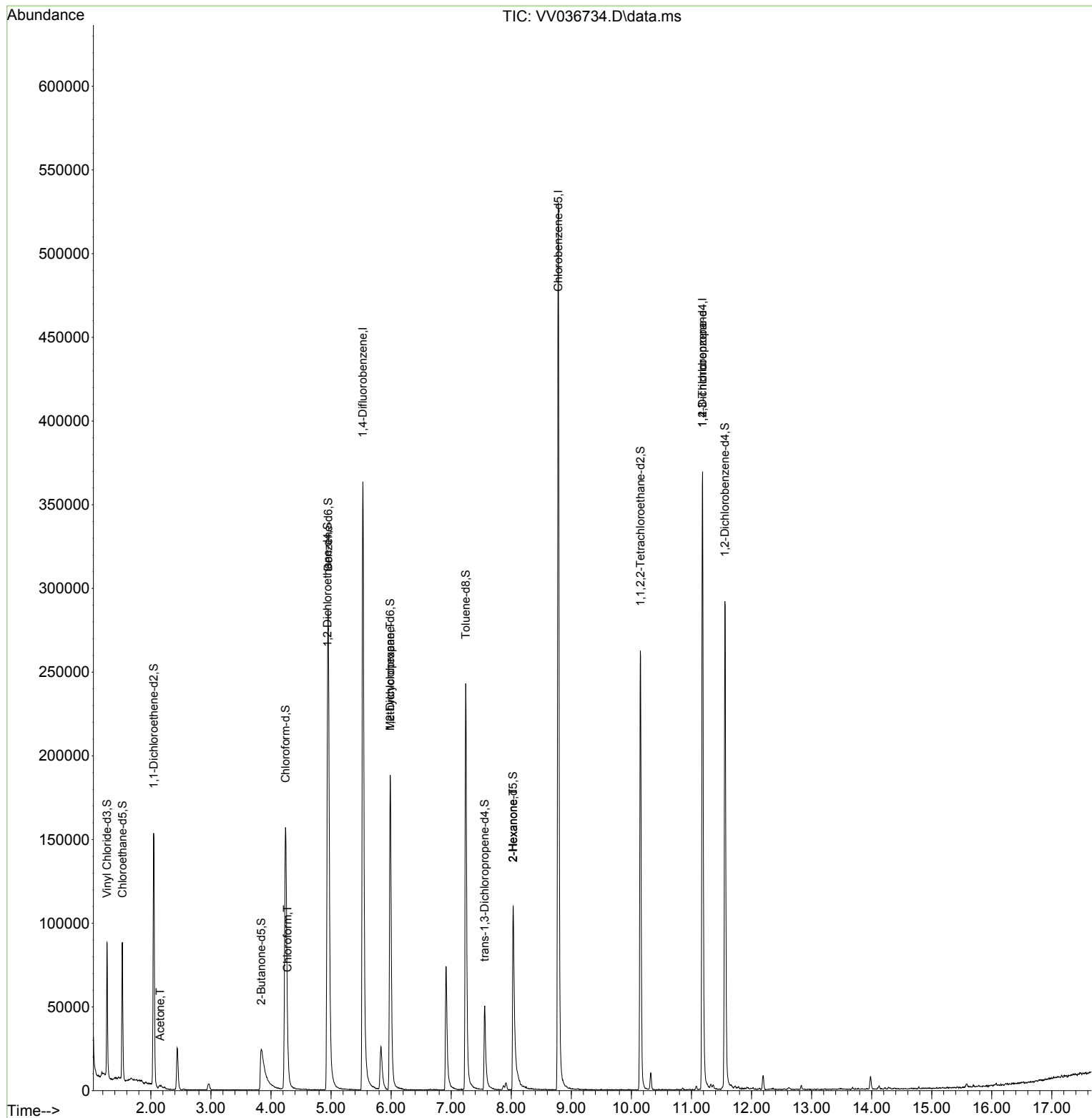
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	359017	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330196	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111855	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	54825	13.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.760%
7) Chloroethane-d5	1.526	69	57260	16.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.480%
11) 1,1-Dichloroethene-d2	2.047	65	24339	11.706	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.840%
21) 2-Butanone-d5	3.838	46	55574	60.560	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.120%
24) Chloroform-d	4.243	84	182272	19.196	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.800%
26) 1,2-Dichloroethane-d4	4.941	65	103167	22.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.080%
32) Benzene-d6	4.953	84	255361	16.318	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.280%
36) 1,2-Dichloropropane-d6	5.986	67	94468	21.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.760%
41) Toluene-d8	7.243	98	183719	12.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.200%
43) trans-1,3-Dichloroprop...	7.558	79	35916	18.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.480%
47) 2-Hexanone-d5	8.030	63	40224	67.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.560%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	126142	32.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.840%#
66) 1,2-Dichlorobenzene-d4	11.558	152	85651	21.936	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	1697	1.138	ug/L	72
25) Chloroform	4.275	83	6325	0.597	ug/L	96
35) Methylcyclohexane	5.986	83	26426	3.234	ug/L #	23
48) 2-Hexanone	8.034	43	4606	2.915	ug/L #	73
61) 1,2,3-Trichloropropane	11.185	75	10284	5.215	ug/L #	58

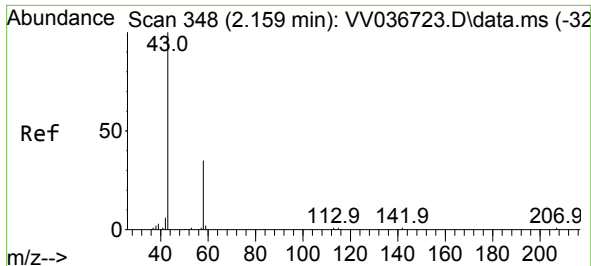
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.138 ug/L

RT: 2.153 min Scan# 34

Delta R.T. -0.006 min

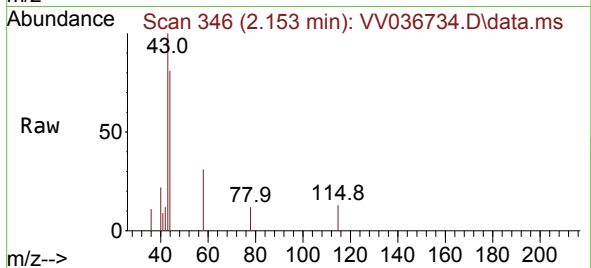
Lab File: VV036734.D

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MSVOA_V

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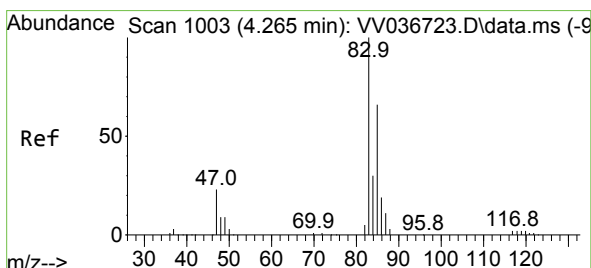
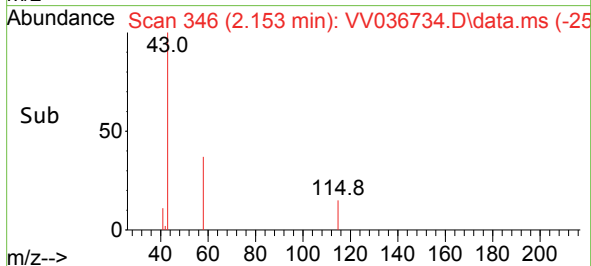
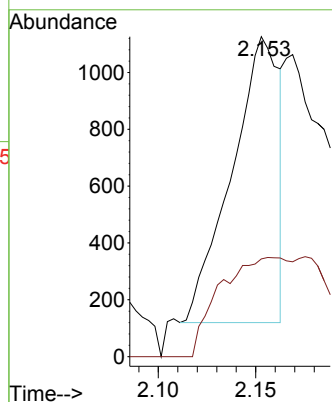


Tgt Ion: 43 Resp: 1697

Ion Ratio Lower Upper

43 100

58 0.6 0.0 23.0



#25

Chloroform

Concen: 0.597 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.010 min

Lab File: VV036734.D

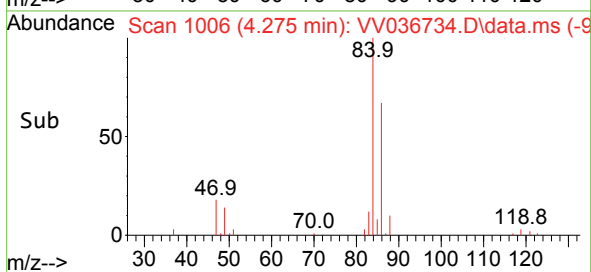
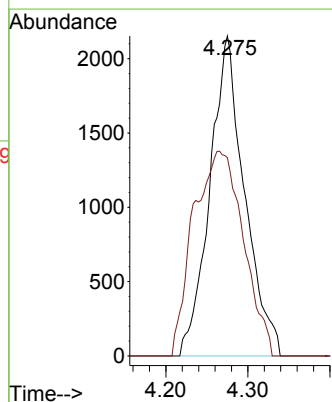
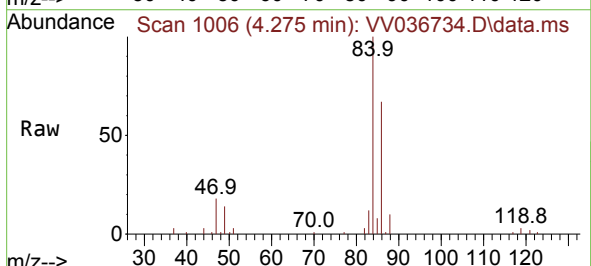
Acq: 26 Jul 2024 16:29

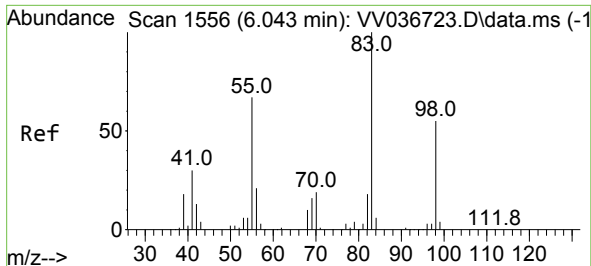
Tgt Ion: 83 Resp: 6325

Ion Ratio Lower Upper

83 100

85 62.0 45.6 84.6

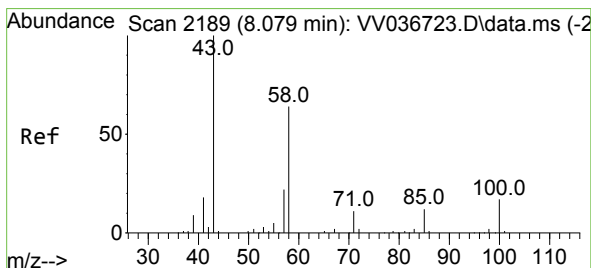
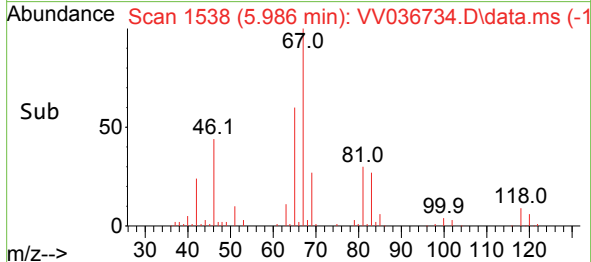
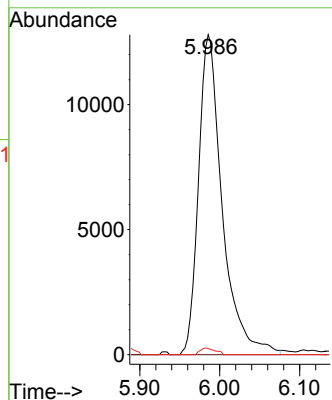
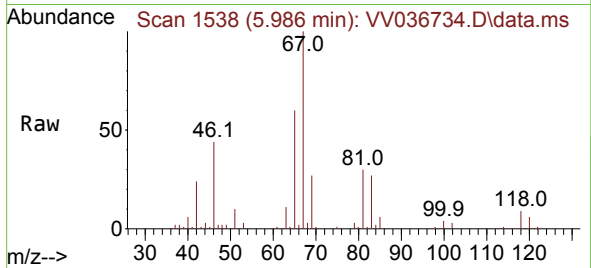




#35
Methylcyclohexane
Concen: 3.234 ug/L
RT: 5.986 min Scan# 1
Delta R.T. -0.058 min
Lab File: VV036734.D
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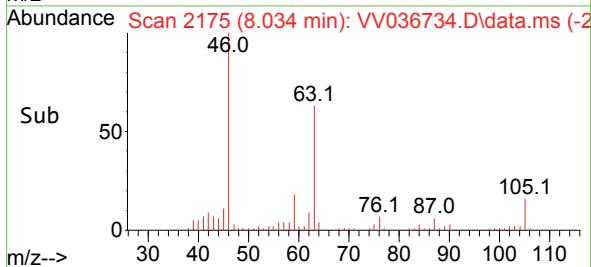
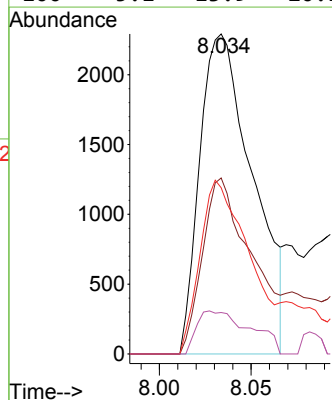
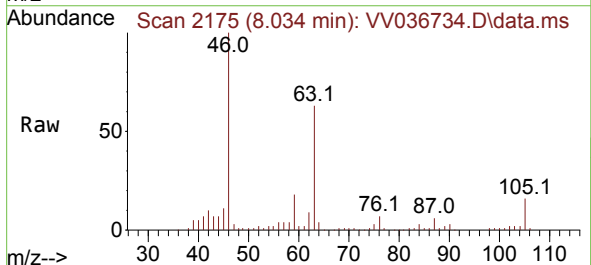
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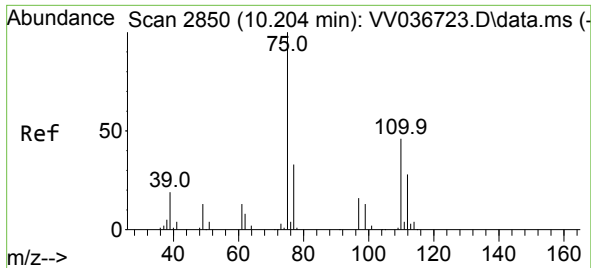
Tgt Ion: 83 Resp: 26426
Ion Ratio Lower Upper
83 100
55 0.0 50.8 76.2#
98 1.2 41.3 61.9#



#48
2-Hexanone
Concen: 2.915 ug/L
RT: 8.034 min Scan# 2175
Delta R.T. -0.045 min
Lab File: VV036734.D
Acq: 26 Jul 2024 16:29

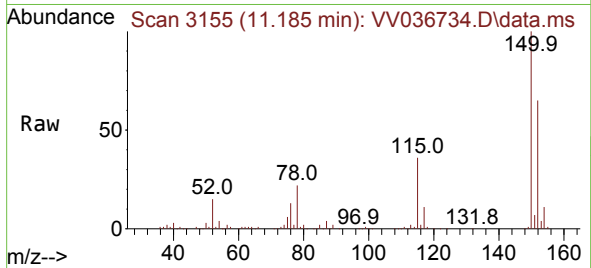
Tgt Ion: 43 Resp: 4606
Ion Ratio Lower Upper
43 100
58 51.3 50.6 75.8
57 49.9 17.7 26.5#
100 5.1 13.9 20.9#





#61
 1,2,3-Trichloropropane
 Concen: 5.215 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.981 min
 Lab File: VV036734.D
 Acq: 26 Jul 2024 16:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	10284
Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.9	38.9
110	1.6	36.2	54.4#

