

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036539.D
 Acq On : 15 Jul 2024 19:40
 Operator : SY/MD
 Sample : P3238-05
 Misc : 5.84g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:31:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

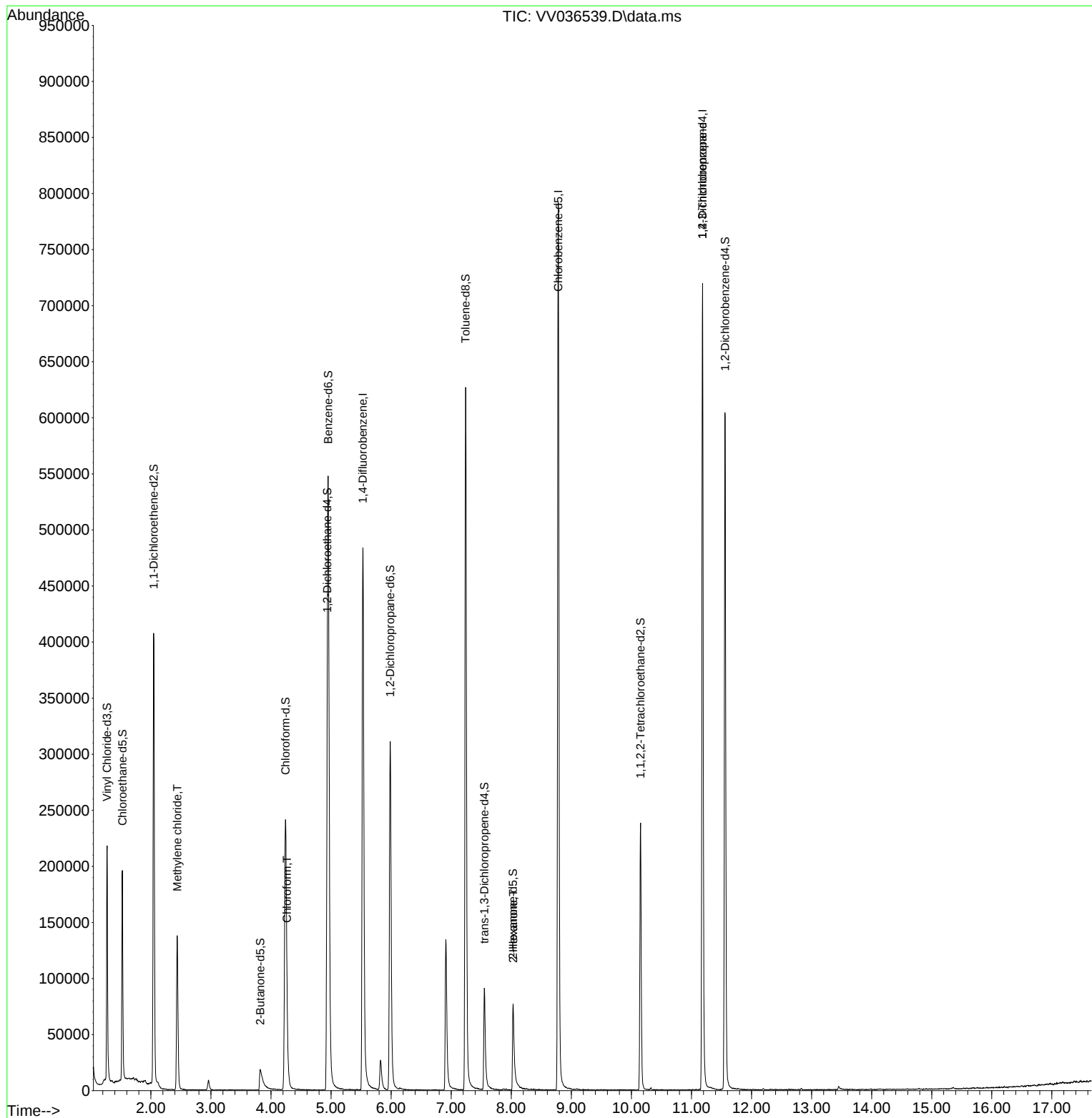
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	450779	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	466859	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	203333	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	142209	22.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.080%
7) Chloroethane-d5	1.526	69	127176	22.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
11) 1,1-Dichloroethene-d2	2.047	65	64767	19.530	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.120%
21) 2-Butanone-d5	3.821	46	28491	25.775	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.560%
24) Chloroform-d	4.243	84	269323	20.526	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	4.937	65	138099	21.220	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.880%
32) Benzene-d6	4.953	84	505435	21.701	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.985	67	147997	21.321	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.280%
41) Toluene-d8	7.239	98	444519	20.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.720%
43) trans-1,3-Dichloroprop...	7.551	79	56340	19.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.080%
47) 2-Hexanone-d5	8.030	63	27169	35.242	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.480%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	111491	19.071	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	170180	24.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	64590	6.969	ug/L	96
25) Chloroform	4.265	83	8454	0.650	ug/L	79
48) 2-Hexanone	8.034	43	3328	1.693	ug/L #	78
61) 1,2,3-Trichloropropane	11.185	75	20221	5.589	ug/L #	63

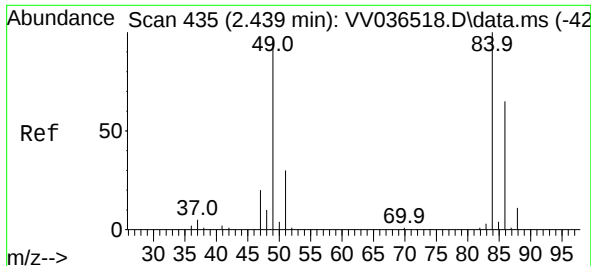
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration

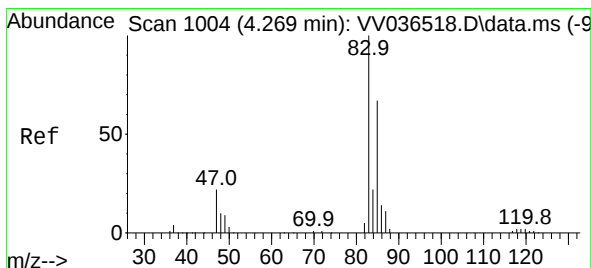
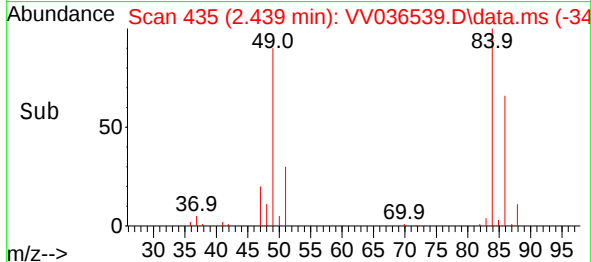
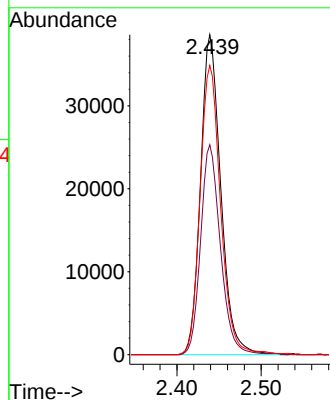
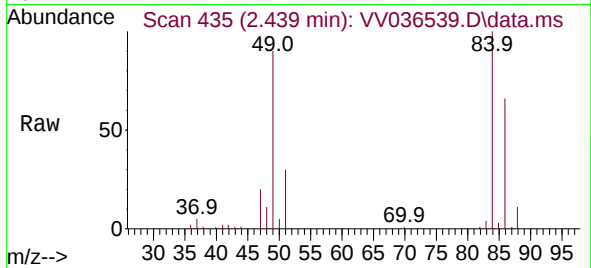




#16
Methylene chloride
Concen: 6.969 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036539.D
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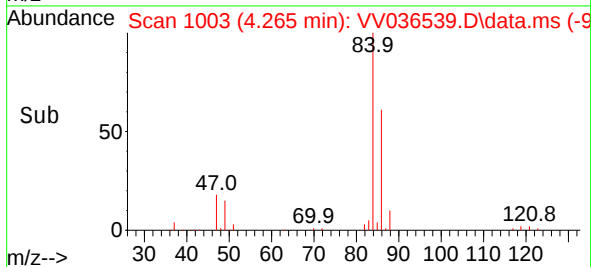
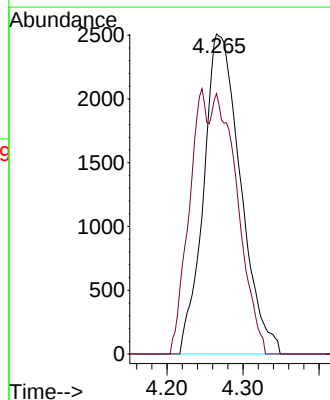
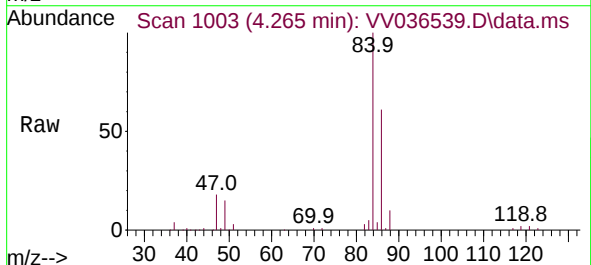
Instrument :
MSVOA_V
ClientSampleId :

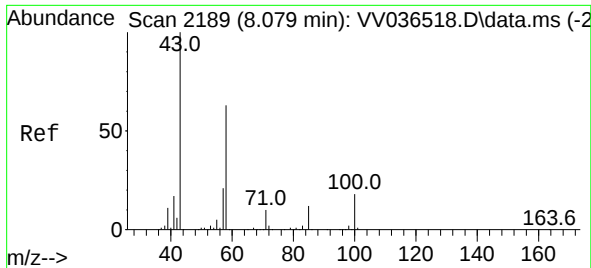
Tgt Ion: 84 Resp: 64590
Ion Ratio Lower Upper
84 100
86 65.6 46.3 86.1
49 90.4 68.1 126.5



#25
Chloroform
Concen: 0.650 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV036539.D
Acq: 15 Jul 2024 19:40

Tgt Ion: 83 Resp: 8454
Ion Ratio Lower Upper
83 100
85 81.4 45.6 84.6



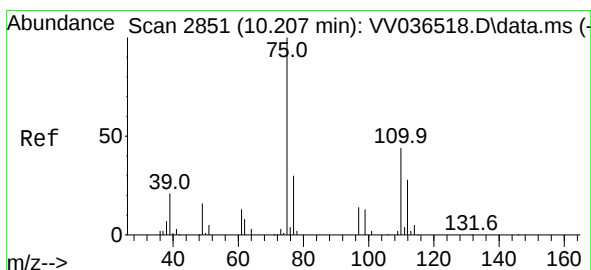
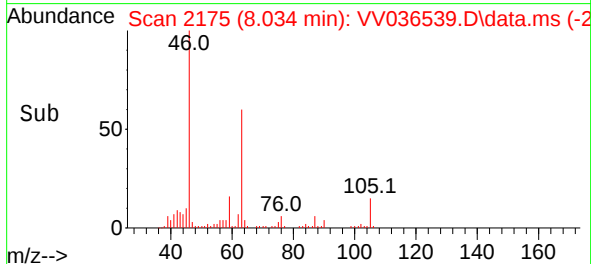
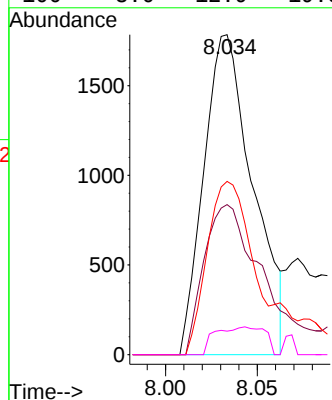
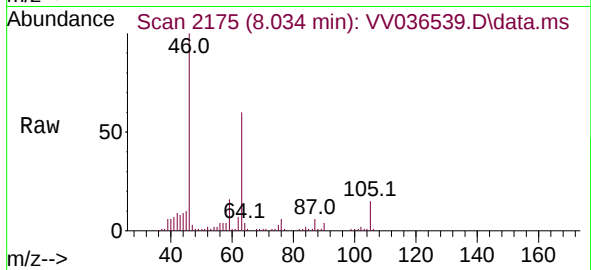


#48
2-Hexanone
Concen: 1.693 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV036539.D
Acq: 15 Jul 2024 19:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 3328

Ion	Ratio	Lower	Upper
43	100		
58	57.0	49.5	74.3
57	48.4	15.3	22.9#
100	3.0	12.9	19.3#



#61
1,2,3-Trichloropropane
Concen: 5.589 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV036539.D
Acq: 15 Jul 2024 19:40

Tgt Ion: 75 Resp: 20221

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.6	38.4
110	3.3	34.8	52.2#

