

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
 Data File : VV036594.D
 Acq On : 17 Jul 2024 15:29
 Operator : SY/MD
 Sample : P3238-17
 Misc : 5.12g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 18 01:28:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 01:25:10 2024
 Response via : Initial Calibration

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

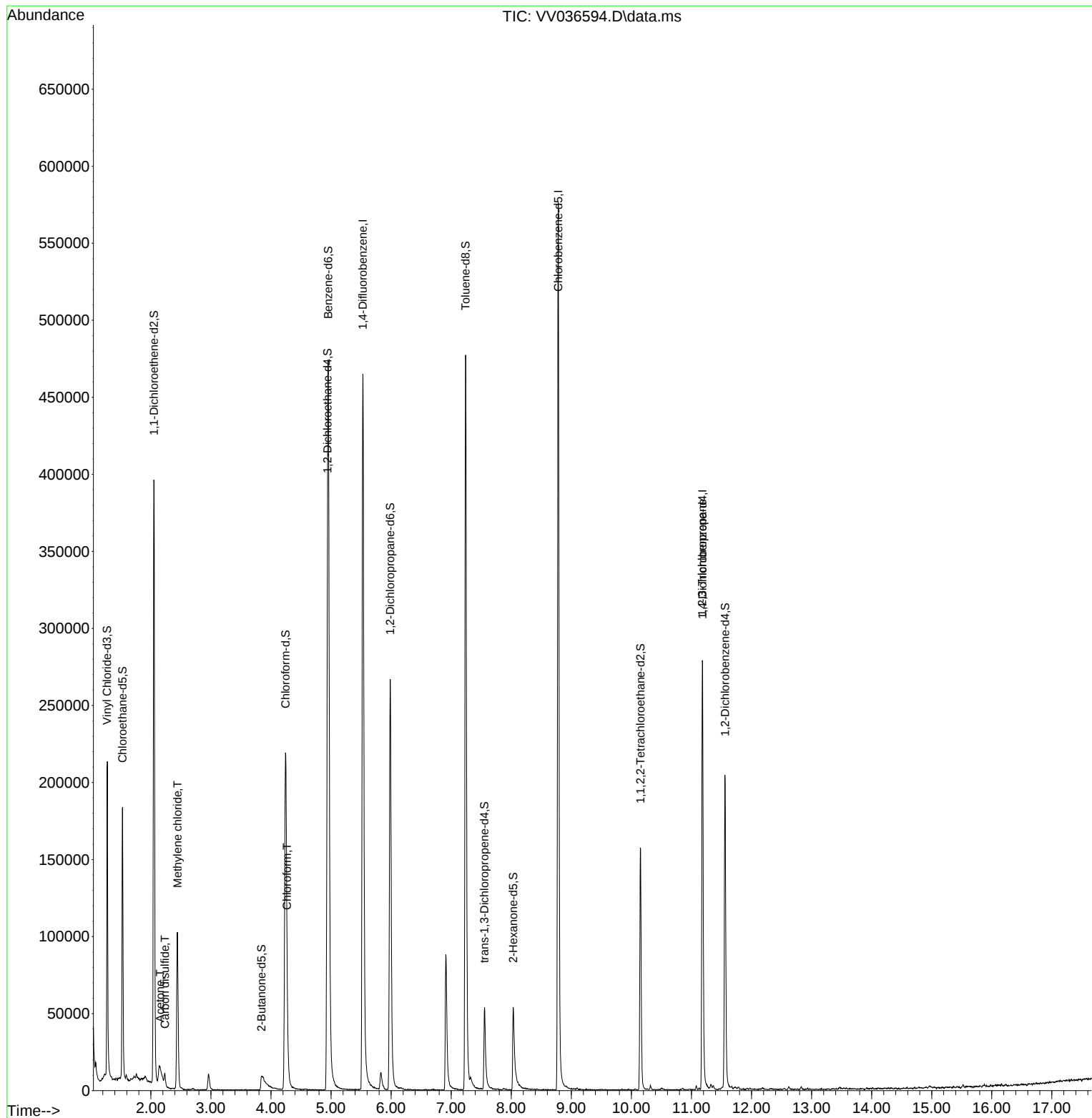
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	435210	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349789	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81338	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	131007	21.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
7) Chloroethane-d5	1.529	69	117602	21.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	2.050	65	63228	19.748	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.000%
21) 2-Butanone-d5	3.841	46	5116	4.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.580%#
24) Chloroform-d	4.243	84	243469	19.219	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.880%
26) 1,2-Dichloroethane-d4	4.941	65	117977	18.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.120%
32) Benzene-d6	4.953	84	441316	25.290	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.160%
36) 1,2-Dichloropropane-d6	5.986	67	129786	24.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.840%
41) Toluene-d8	7.240	98	342890	21.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.555	79	34780	16.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.320%
47) 2-Hexanone-d5	8.034	63	20207	34.984	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.960%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	75127	17.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	57572	20.857	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.440%
Target Compounds						Qvalue
13) Acetone	2.153	43	32760	21.713	ug/L	90
14) Carbon disulfide	2.233	76	7956	0.551	ug/L #	94
16) Methylene chloride	2.442	84	48145	5.381	ug/L	96
25) Chloroform	4.269	83	6754	0.538	ug/L	93
61) 1,2,3-Trichloropropane	11.182	75	7961	5.501	ug/L #	60

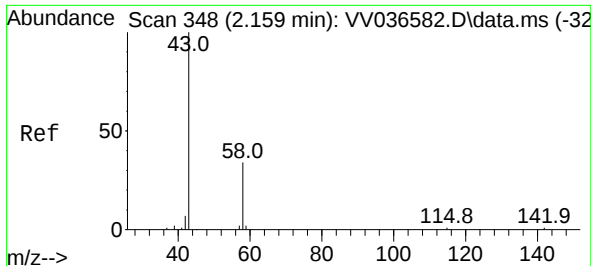
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.713 ug/L

RT: 2.153 min Scan# 348

Delta R.T. -0.006 min

Lab File: VV036594.D

Acq: 17 Jul 2024 15:29

Instrument :

MSVOA_V

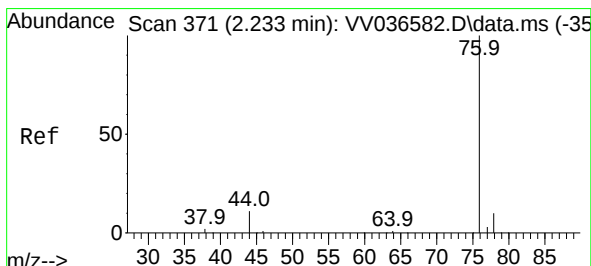
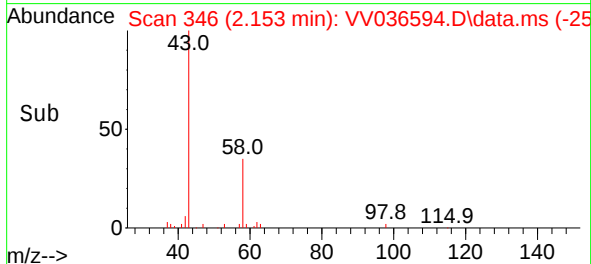
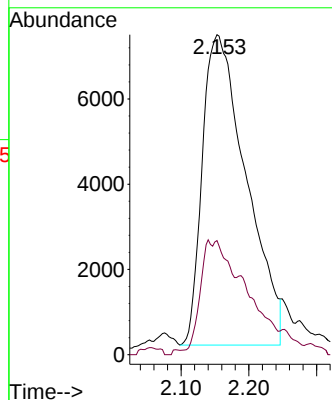
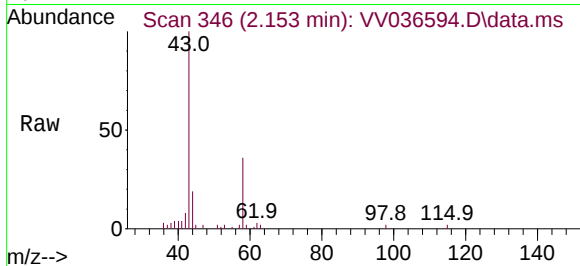
ClientSampleId :

Tgt Ion: 43 Resp: 32760

Ion Ratio Lower Upper

43 100

58 10.1 0.0 28.4



#14

Carbon disulfide

Concen: 0.551 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV036594.D

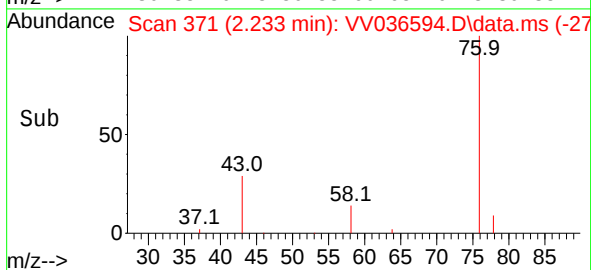
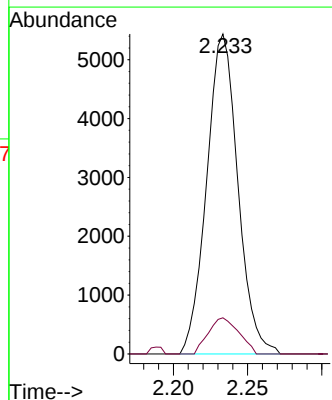
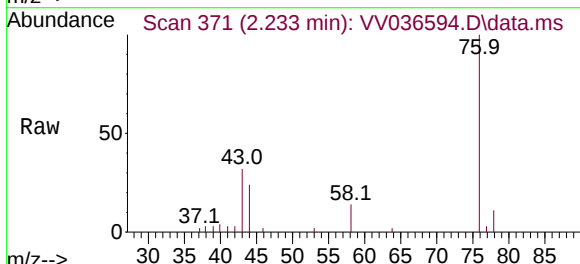
Acq: 17 Jul 2024 15:29

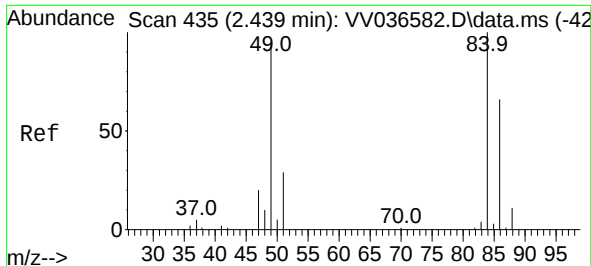
Tgt Ion: 76 Resp: 7956

Ion Ratio Lower Upper

76 100

78 11.3 7.4 11.2#

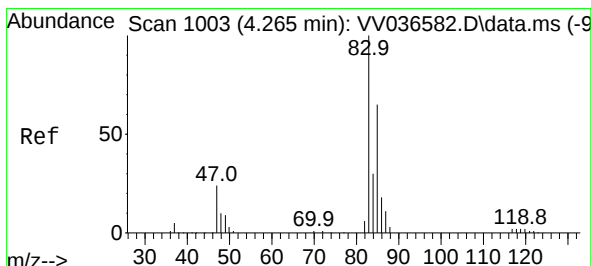
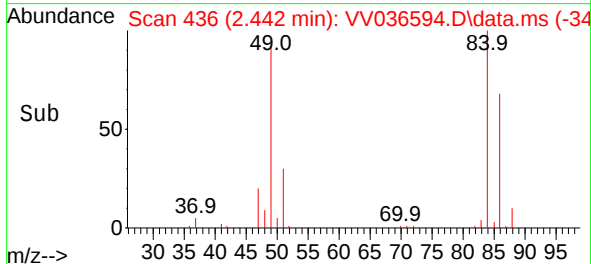
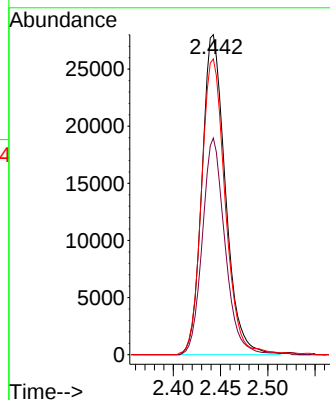
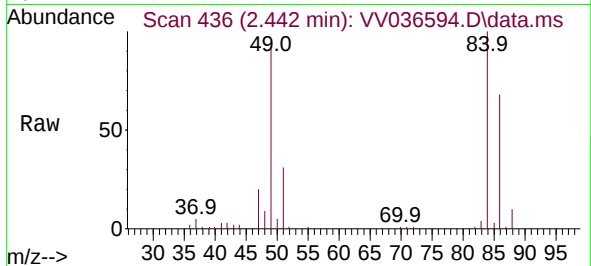




#16
Methylene chloride
Concen: 5.381 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036594.D
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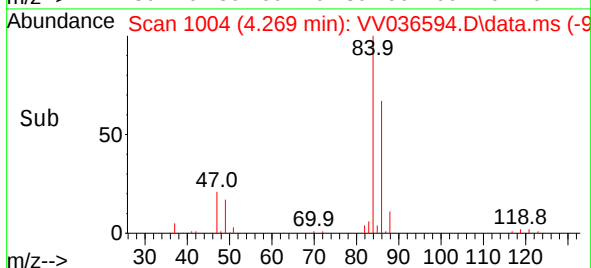
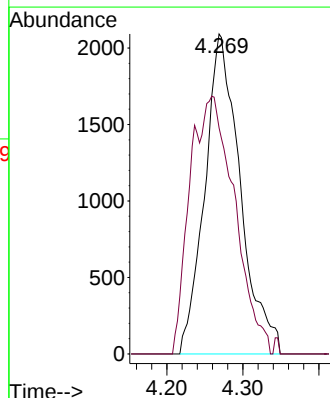
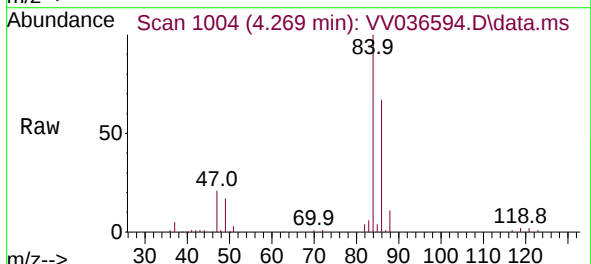
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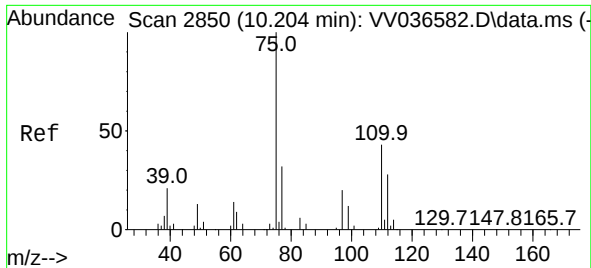
Tgt Ion: 84 Resp: 48145
Ion Ratio Lower Upper
84 100
86 67.7 46.3 86.1
49 92.5 68.1 126.5



#25
Chloroform
Concen: 0.538 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036594.D
Acq: 17 Jul 2024 15:29

Tgt Ion: 83 Resp: 6754
Ion Ratio Lower Upper
83 100
85 70.7 45.6 84.6





#61

1,2,3-Trichloropropane

Concen: 5.501 ug/L

RT: 11.182 min Scan# 31

Delta R.T. 0.978 min

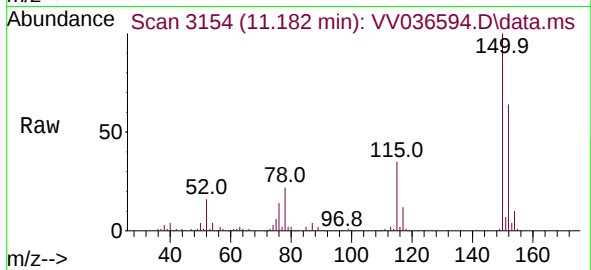
Lab File: VV036594.D

Acq: 17 Jul 2024 15:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 7961

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

110 2.5 34.8 52.2#

