

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036511.D
 Acq On : 12 Jul 2024 16:35
 Operator : SY/MD
 Sample : P3215-13
 Misc : 4.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:11:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 13 04:06:53 2024
 Response via : Initial Calibration

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

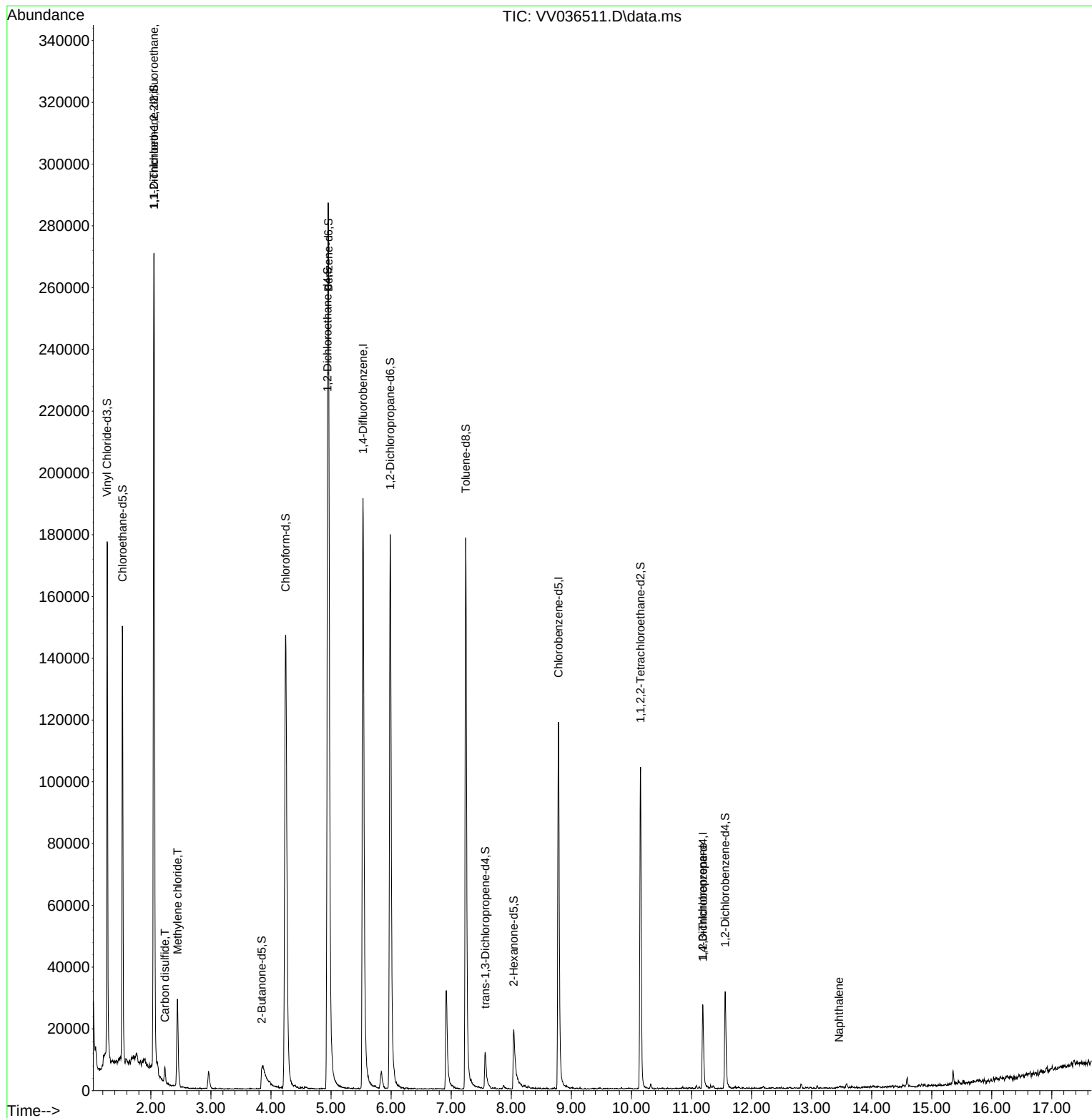
Internal Standards							
1) 1,4-Difluorobenzene		5.532	114	183782	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	74766	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.191	152	8583	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	109501	41.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 166.360%#		
7) Chloroethane-d5		1.526	69	90927	39.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 158.000%#		
11) 1,1-Dichloroethene-d2		2.050	65	44013	32.552	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 130.200%#		
21) 2-Butanone-d5		3.847	46	3538	7.851	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 15.700%#		
24) Chloroform-d		4.243	84	164154	30.686	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 122.760%		
26) 1,2-Dichloroethane-d4		4.940	65	67846	25.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.280%		
32) Benzene-d6		4.956	84	275246	73.793	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 295.160%#		
36) 1,2-Dichloropropane-d6		5.985	67	89079	80.134	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 320.520%#		
41) Toluene-d8		7.243	98	130469	37.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 151.640%#		
43) trans-1,3-Dichloroprop...		7.567	79	7683	16.624	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	= 66.480%		
47) 2-Hexanone-d5		8.040	63	7397	59.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.820%		
56) 1,1,2,2-Tetrachloroeth...		10.152	84	50015	53.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 213.680%#		
66) 1,2-Dichlorobenzene-d4		11.561	152	9183	31.527	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 126.120%#		
Target Compounds							
10) 1,1,2-Trichloro-1,2,2-...		2.053	101	1351	0.429	ug/L #	19
14) Carbon disulfide		2.233	76	5787	0.949	ug/L #	88
16) Methylene chloride		2.442	84	13273	3.513	ug/L	96
61) 1,2,3-Trichloropropane		11.188	75	1007	6.594	ug/L #	36
71) Naphthalene		13.458	128	253	0.540	ug/L #	69

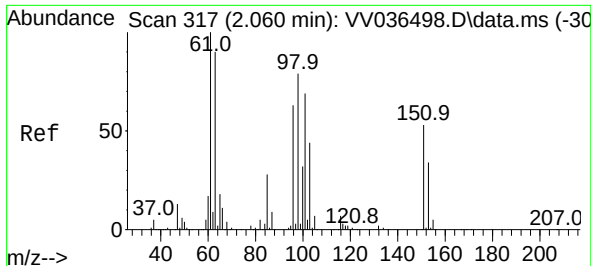
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.429 ug/L

RT: 2.053 min Scan# 317

Delta R.T. -0.007 min

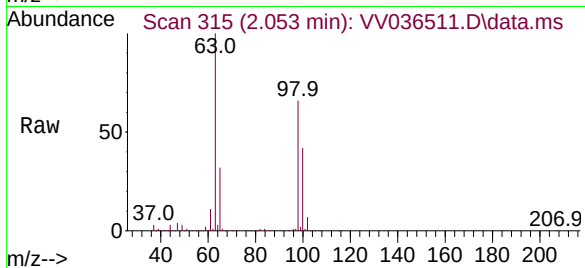
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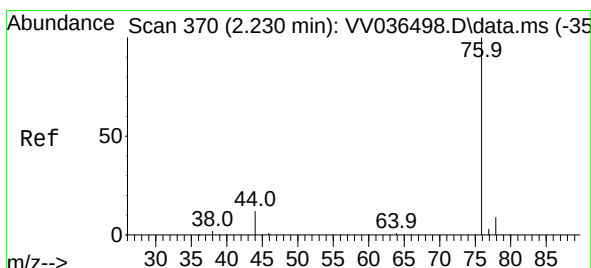
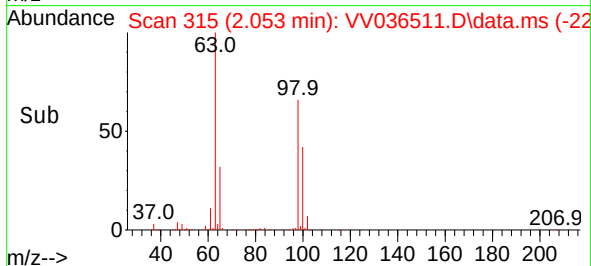
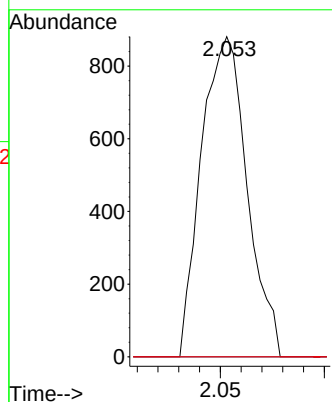
Tgt Ion:101 Resp: 1351

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

151 0.0 62.6 94.0#



#14

Carbon disulfide

Concen: 0.949 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV036511.D

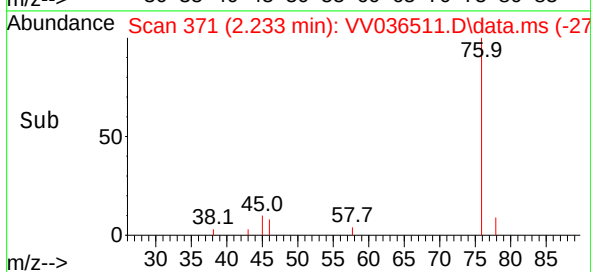
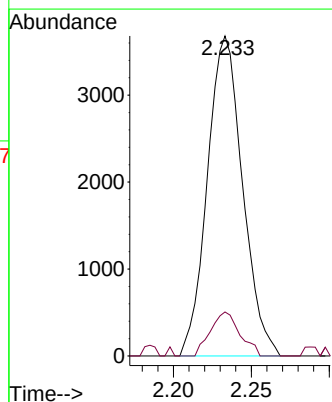
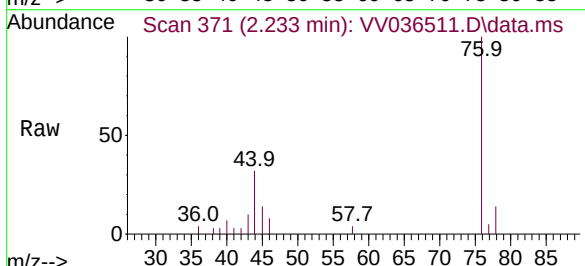
Acq: 12 Jul 2024 16:35

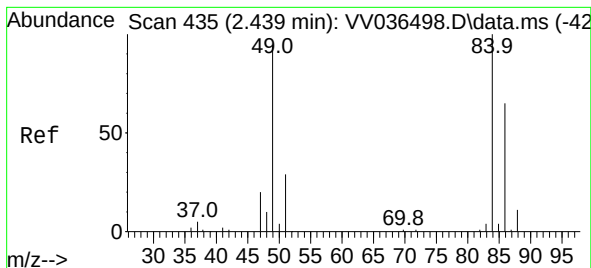
Tgt Ion: 76 Resp: 5787

Ion Ratio Lower Upper

76 100

78 13.7 7.4 11.2#





#16

Methylene chloride

Concen: 3.513 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV036511.D

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Instrument :

MSVOA_V

ClientSampleId :

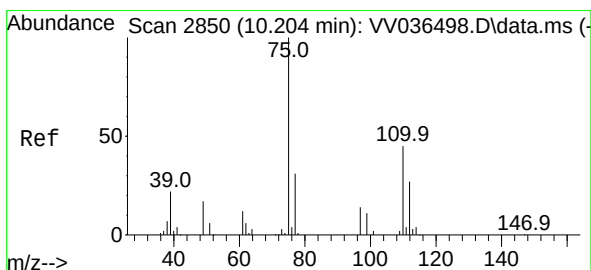
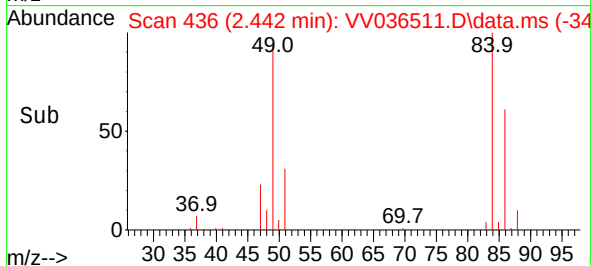
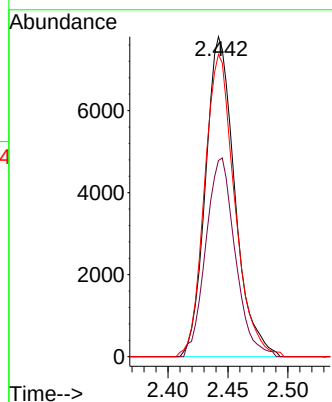
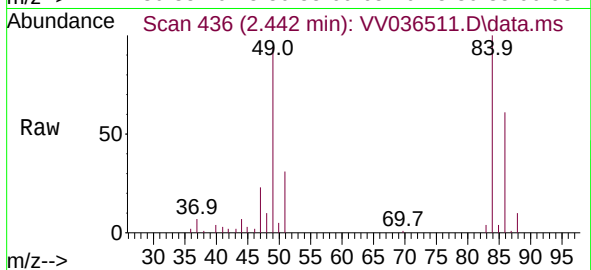
Tgt Ion: 84 Resp: 13273

Ion Ratio Lower Upper

84 100

86 61.3 46.3 86.1

49 94.5 68.1 126.5



#61

1,2,3-Trichloropropane

Concen: 6.594 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.984 min

Lab File: VV036511.D

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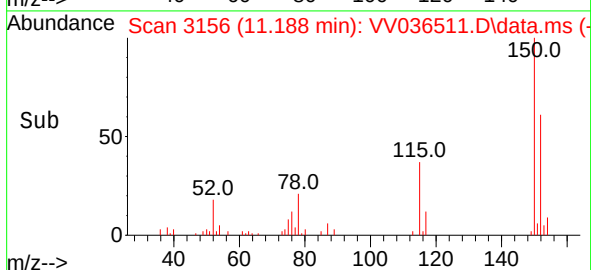
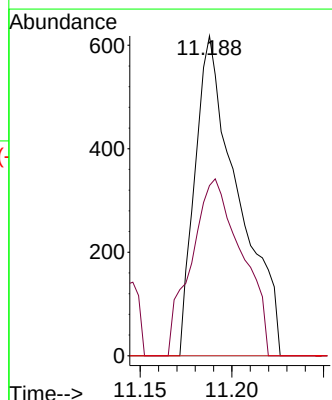
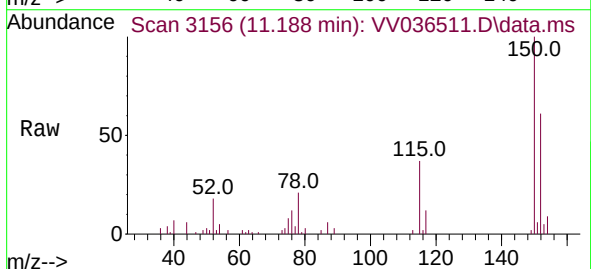
Tgt Ion: 75 Resp: 1007

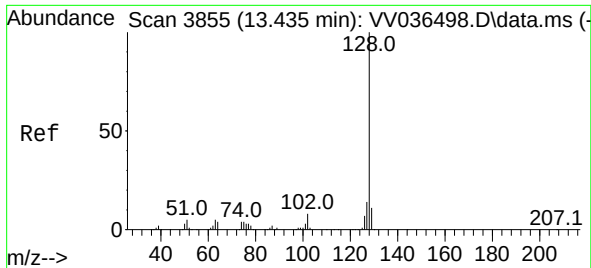
Ion Ratio Lower Upper

75 100

77 65.1 25.6 38.4#

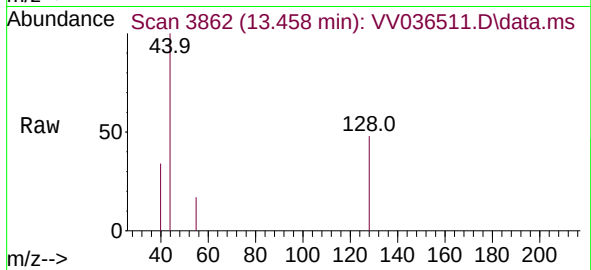
110 0.0 34.8 52.2#





#71
Naphthalene
Concen: 0.540 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.022 min
Lab File: VV036511.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	253
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	13.0#

