

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036524.D
 Acq On : 15 Jul 2024 13:51
 Operator : SY/MD
 Sample : P3215-07
 Misc : 5.32g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:27:25 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)

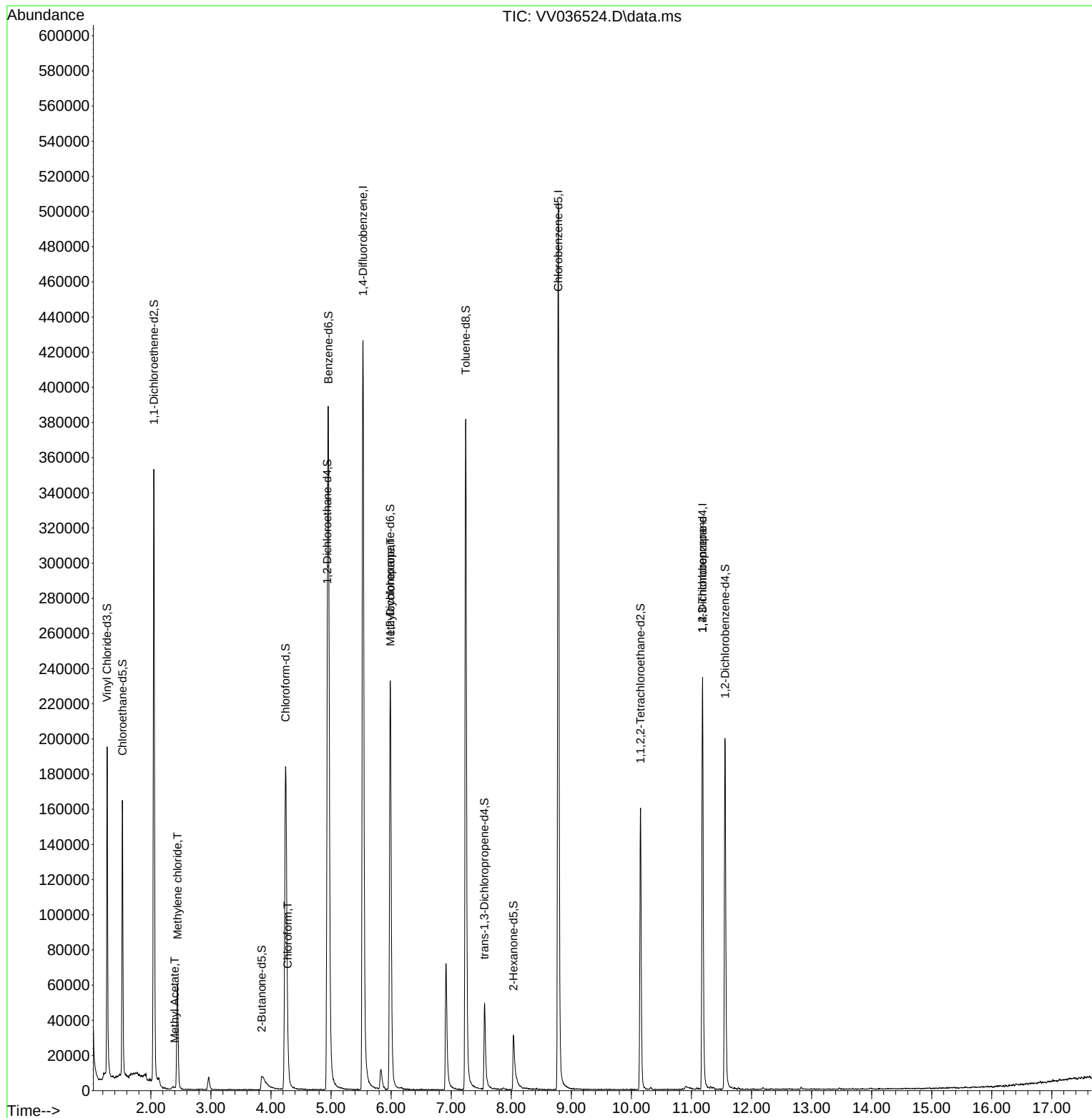
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	398081	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	304335	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	67475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123650	21.681	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.720%
7) Chloroethane-d5	1.526	69	103294	20.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.880%
11) 1,1-Dichloroethene-d2	2.050	65	54809	18.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.840%
21) 2-Butanone-d5	3.844	46	7505	7.688	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	15.380%#
24) Chloroform-d	4.243	84	204052	17.610	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.440%
26) 1,2-Dichloroethane-d4	4.937	65	106428	18.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.080%
32) Benzene-d6	4.957	84	363878	23.966	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	5.986	67	112474	24.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.440%
41) Toluene-d8	7.243	98	275240	19.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.555	79	32246	17.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.560%
47) 2-Hexanone-d5	8.037	63	11745	23.371	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	77928	20.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	57053	24.916	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.680%
Target Compounds						Qvalue
15) Methyl Acetate	2.397	43	641	0.344	ug/L #	42
16) Methylene chloride	2.442	84	29364	3.588	ug/L	94
25) Chloroform	4.278	83	6133	0.534	ug/L	93
35) Methylcyclohexane	5.989	83	30048	5.494	ug/L #	22
61) 1,2,3-Trichloropropane	11.185	75	6591	5.490	ug/L #	58

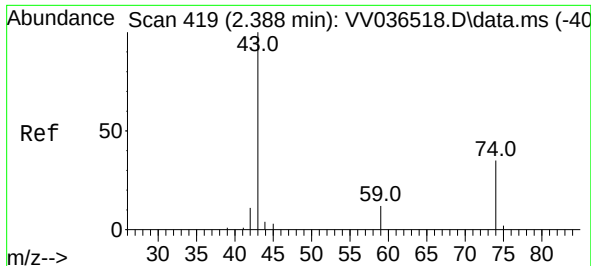
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#15

Methyl Acetate

Concen: 0.344 ug/L

RT: 2.397 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV036524.D

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Instrument :

MSVOA_V

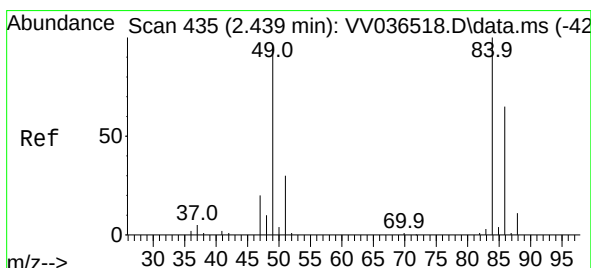
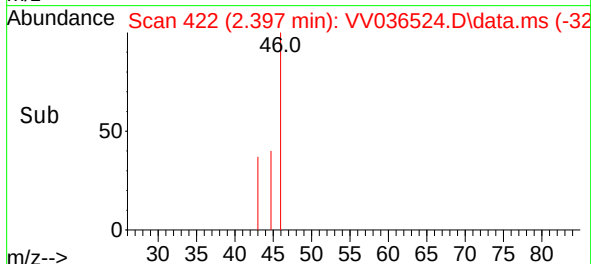
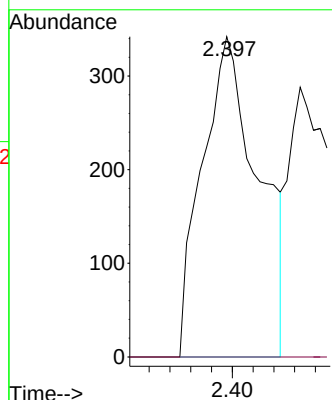
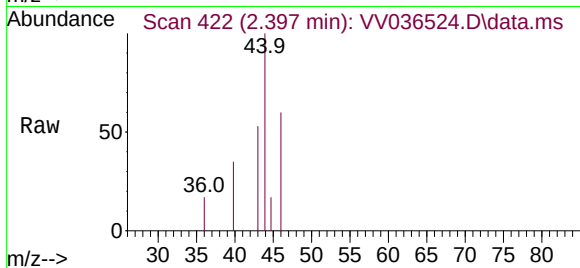
ClientSampleId :

Tgt Ion: 43 Resp: 641

Ion Ratio Lower Upper

43 100

74 0.0 26.3 39.5#



#16

Methylene chloride

Concen: 3.588 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

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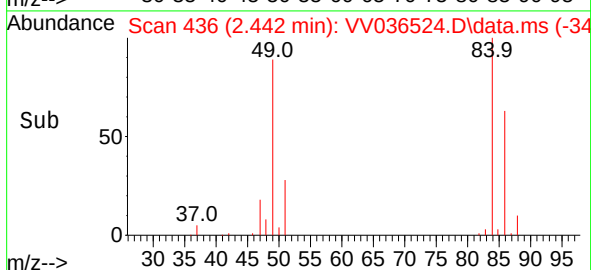
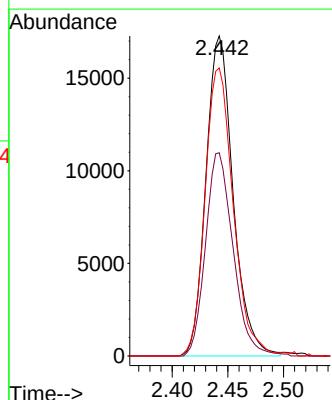
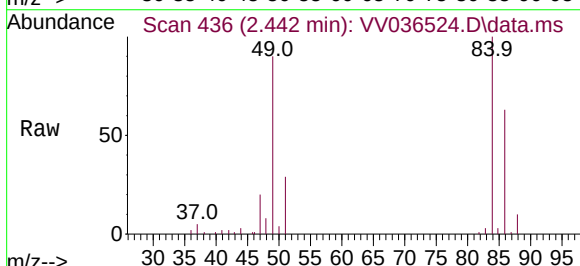
Tgt Ion: 84 Resp: 29364

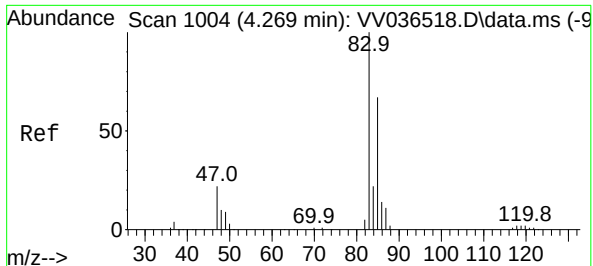
Ion Ratio Lower Upper

84 100

86 63.5 46.3 86.1

49 90.0 68.1 126.5





#25

Chloroform

Concen: 0.534 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036524.D

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Instrument :

MSVOA_V

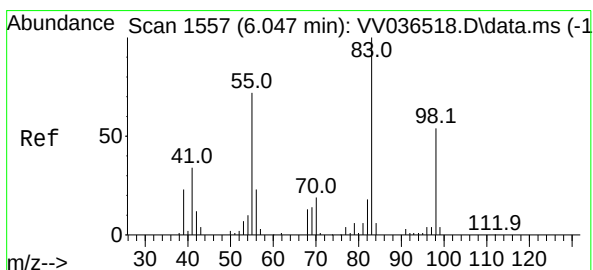
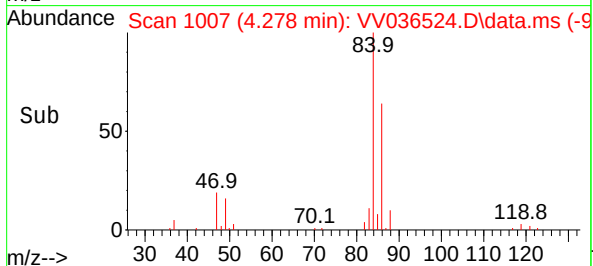
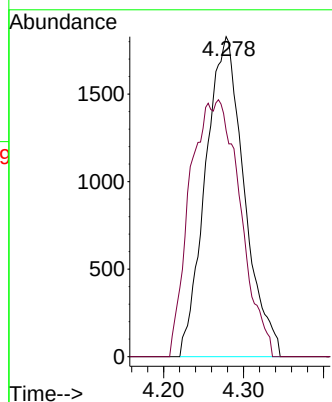
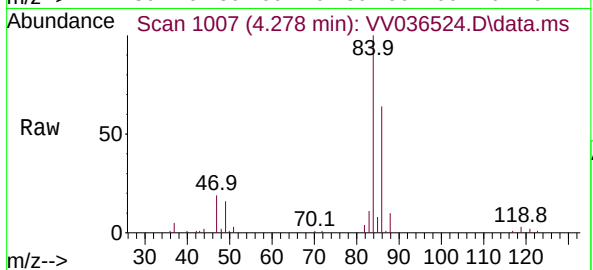
ClientSampleId :

Tgt Ion: 83 Resp: 6133

Ion Ratio Lower Upper

83 100

85 70.7 45.6 84.6



#35

Methylcyclohexane

Concen: 5.494 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV036524.D

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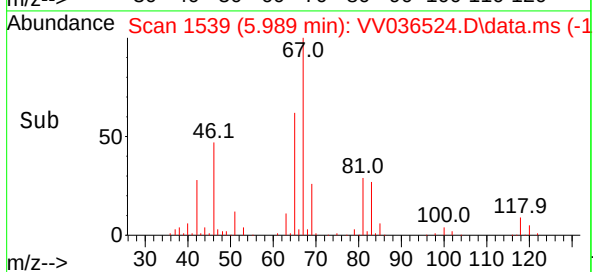
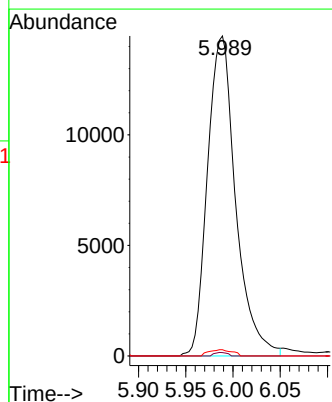
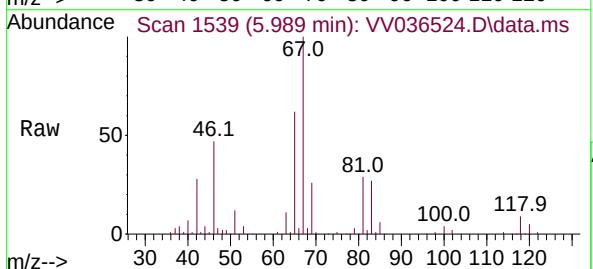
Tgt Ion: 83 Resp: 30048

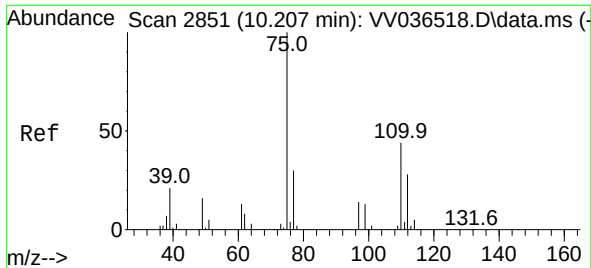
Ion Ratio Lower Upper

83 100

55 0.5 54.3 81.5#

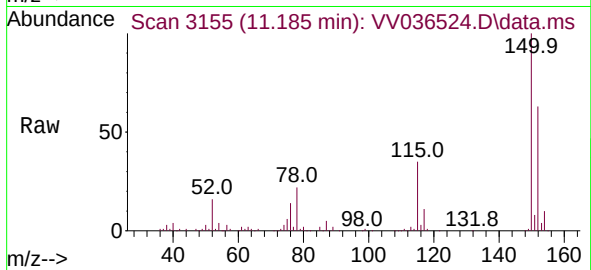
98 1.6 41.7 62.5#





#61
 1,2,3-Trichloropropane
 Concen: 5.490 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.977 min
 Lab File: VV036524.D
 Acq: 15 Jul 2024 13:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6591
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.6 38.4
 110 1.9 34.8 52.2#

