

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036574.D
 Acq On : 16 Jul 2024 17:59
 Operator : SY/MD
 Sample : P3238-16
 Misc : 5.72g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:30:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

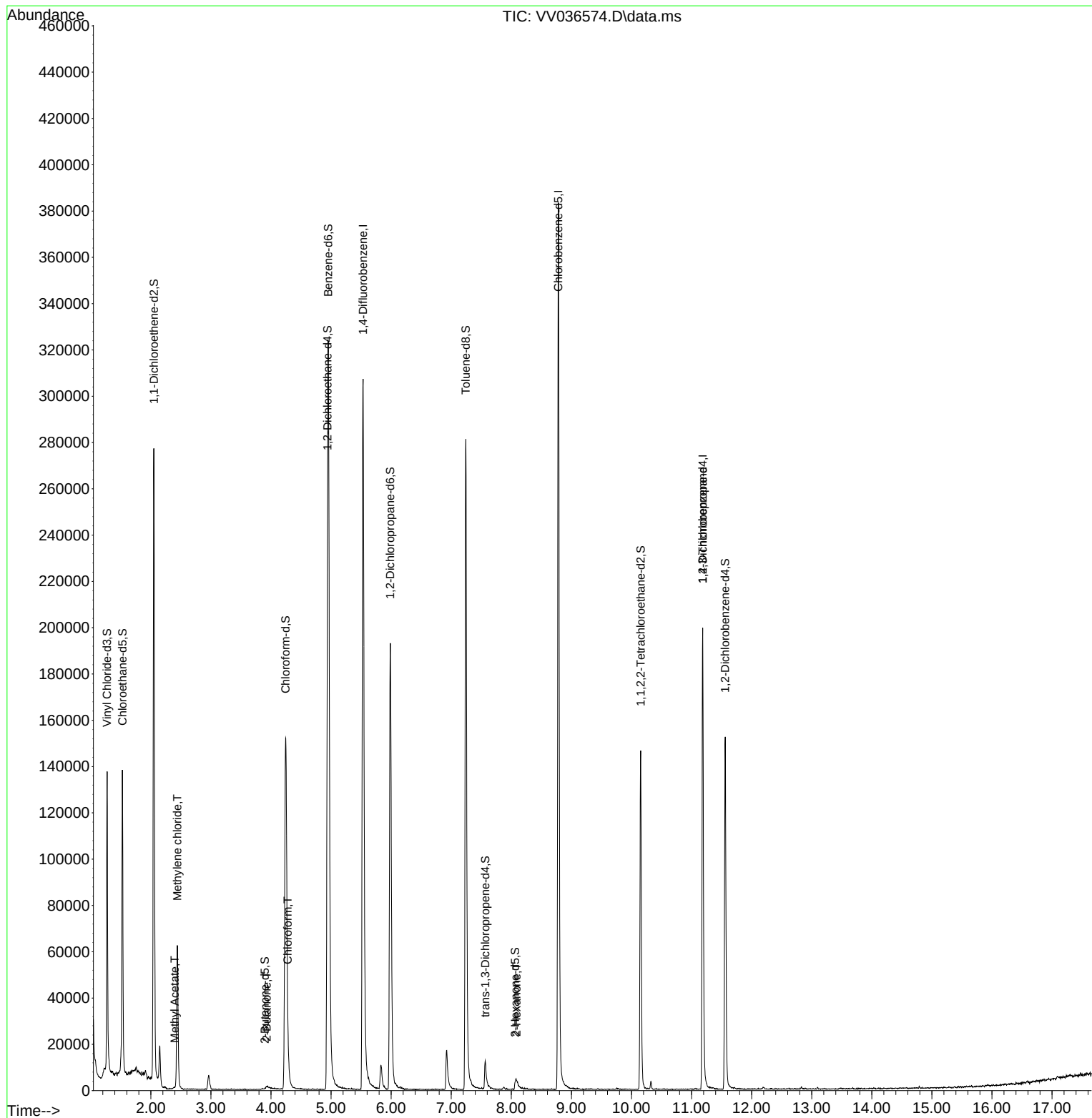
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	289566	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	233658	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	58284	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	85285	20.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.240%
7) Chloroethane-d5	1.526	69	85714	23.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.520%
11) 1,1-Dichloroethene-d2	2.050	65	44050	20.678	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.720%
21) 2-Butanone-d5	3.896	46	106	0.149	ug/L	0.06
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.300%#
24) Chloroform-d	4.243	84	170938	20.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	4.941	65	92258	22.069	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.280%
32) Benzene-d6	4.953	84	294007	25.222	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.880%
36) 1,2-Dichloropropane-d6	5.986	67	93596	26.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.760%
41) Toluene-d8	7.243	98	205737	19.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.520%
43) trans-1,3-Dichloroprop...	7.567	79	9032	6.253	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	25.000%#
47) 2-Hexanone-d5	8.063	63	609	1.578	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.160%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	70288	24.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	11.561	152	44894	22.697	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.394	43	519	0.383	ug/L #	68
16) Methylene chloride	2.439	84	28307	4.755	ug/L	97
22) 2-Butanone	3.931	43	1059	1.257	ug/L #	70
25) Chloroform	4.278	83	4928	0.590	ug/L	91
48) 2-Hexanone	8.088	43	2469	2.510	ug/L #	38
61) 1,2,3-Trichloropropane	11.185	75	5862	5.653	ug/L #	56

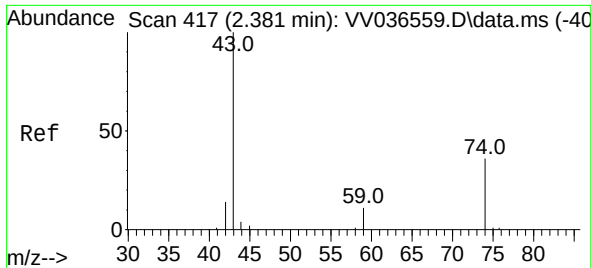
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.383 ug/L

RT: 2.394 min Scan# 41

Delta R.T. 0.013 min

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Instrument :

MSVOA_V

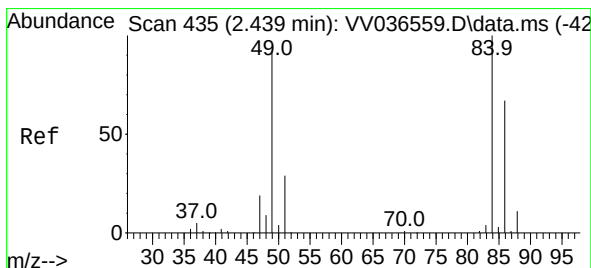
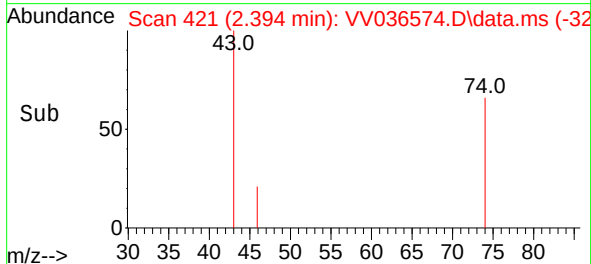
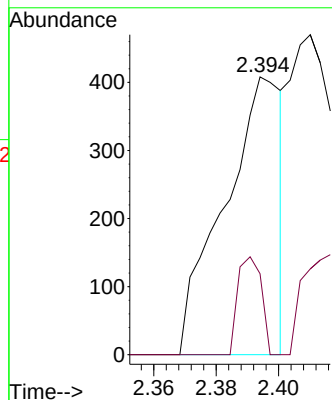
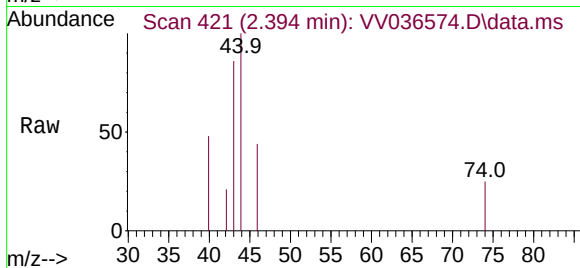
ClientSampleId :

Tgt Ion: 43 Resp: 519

Ion Ratio Lower Upper

43 100

74 14.6 26.3 39.5#



#16

Methylene chloride

Concen: 4.755 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

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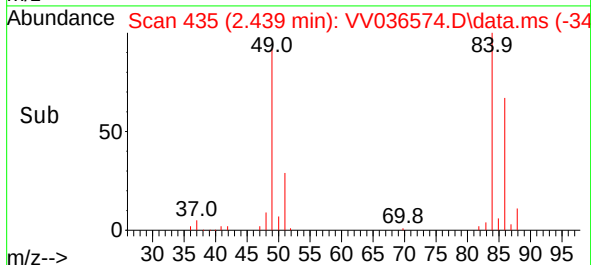
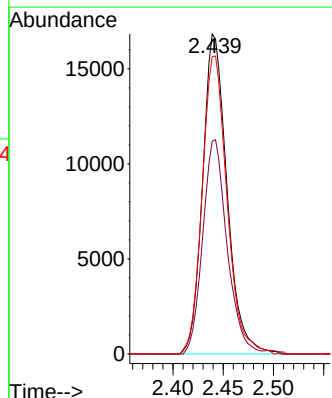
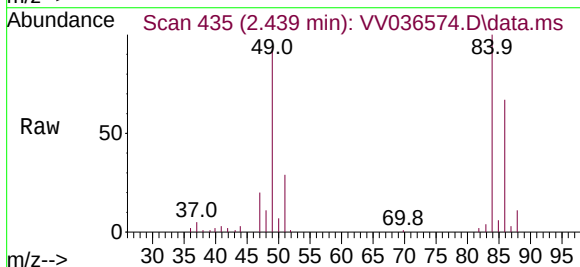
Tgt Ion: 84 Resp: 28307

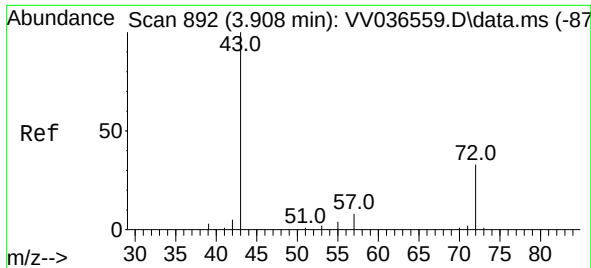
Ion Ratio Lower Upper

84 100

86 66.5 46.3 86.1

49 92.9 68.1 126.5





#22

2-Butanone

Concen: 1.257 ug/L

RT: 3.931 min Scan# 89

Delta R.T. 0.023 min

Lab File: VV036574.D

Acq: 16 Jul 2024 17:59

Instrument :

MSVOA_V

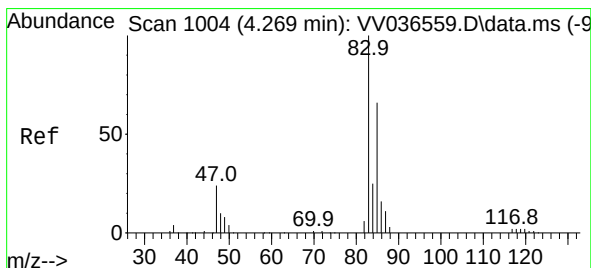
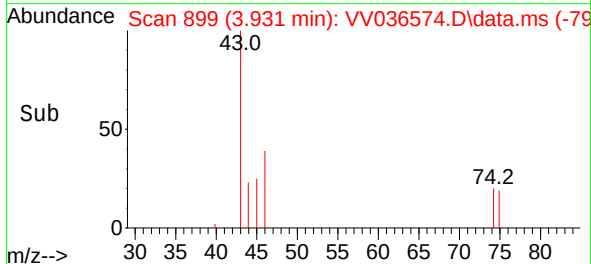
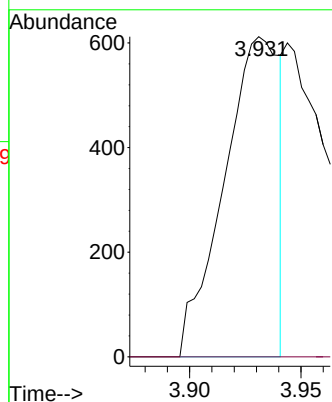
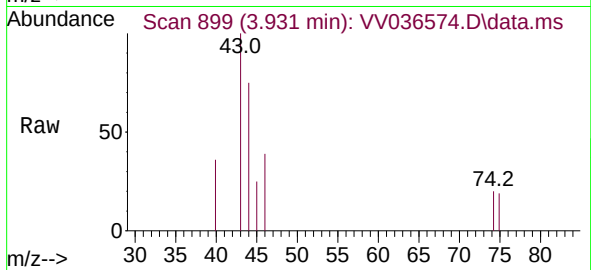
ClientSampleId :

Tgt Ion: 43 Resp: 1059

Ion Ratio Lower Upper

43 100

72 0.0 5.9 17.6#



#25

Chloroform

Concen: 0.590 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. 0.010 min

Lab File: VV036574.D

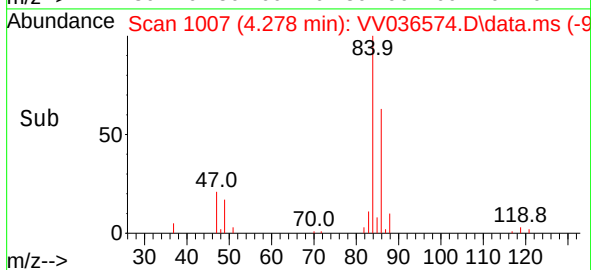
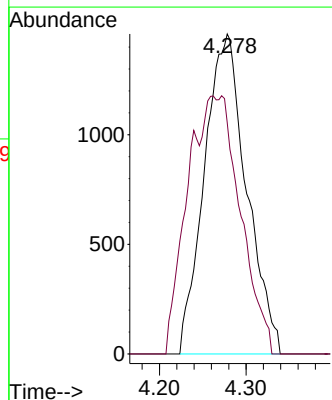
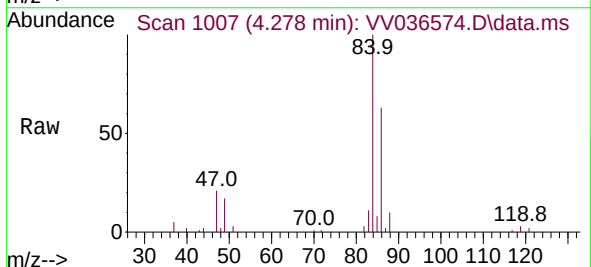
Acq: 16 Jul 2024 17:59

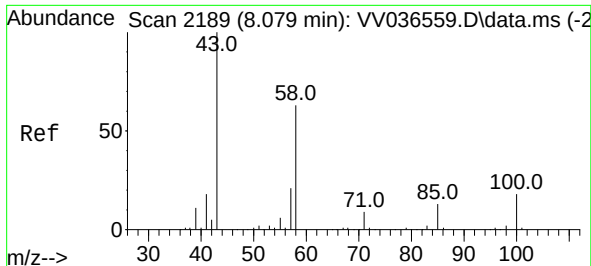
Tgt Ion: 83 Resp: 4928

Ion Ratio Lower Upper

83 100

85 72.3 45.6 84.6





#48

2-Hexanone

Concen: 2.510 ug/L

RT: 8.088 min Scan# 2189

Delta R.T. 0.010 min

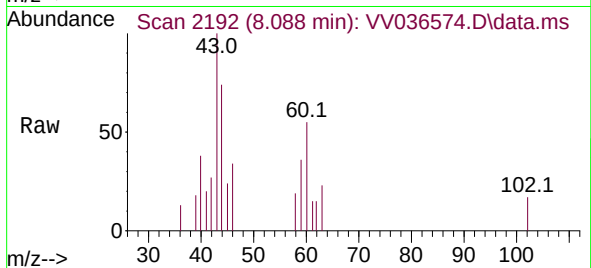
Lab File: VV036574.D

Acq: 16 Jul 2024 17:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2469

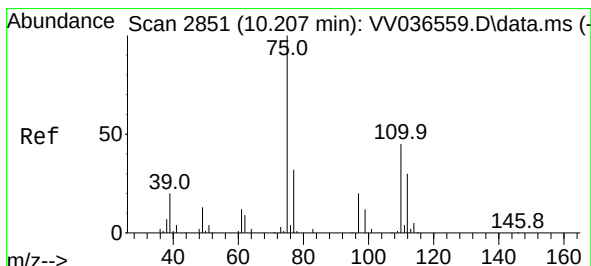
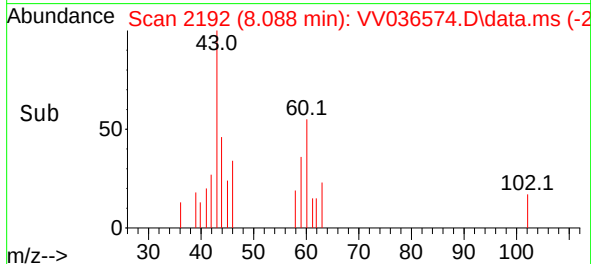
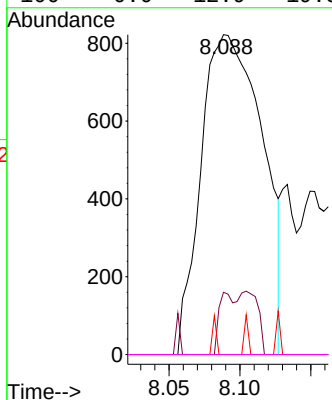
Ion Ratio Lower Upper

43 100

58 4.5 49.5 74.3#

57 0.0 15.3 22.9#

100 0.0 12.9 19.3#



#61

1,2,3-Trichloropropane

Concen: 5.653 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV036574.D

Acq: 16 Jul 2024 17:59

Tgt Ion: 75 Resp: 5862

Ion Ratio Lower Upper

75 100

77 39.2 25.6 38.4#

110 0.0 34.8 52.2#

