

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036575.D
 Acq On : 16 Jul 2024 18:22
 Operator : SY/MD
 Sample : P3238-17
 Misc : 5.04g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:30:33 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)

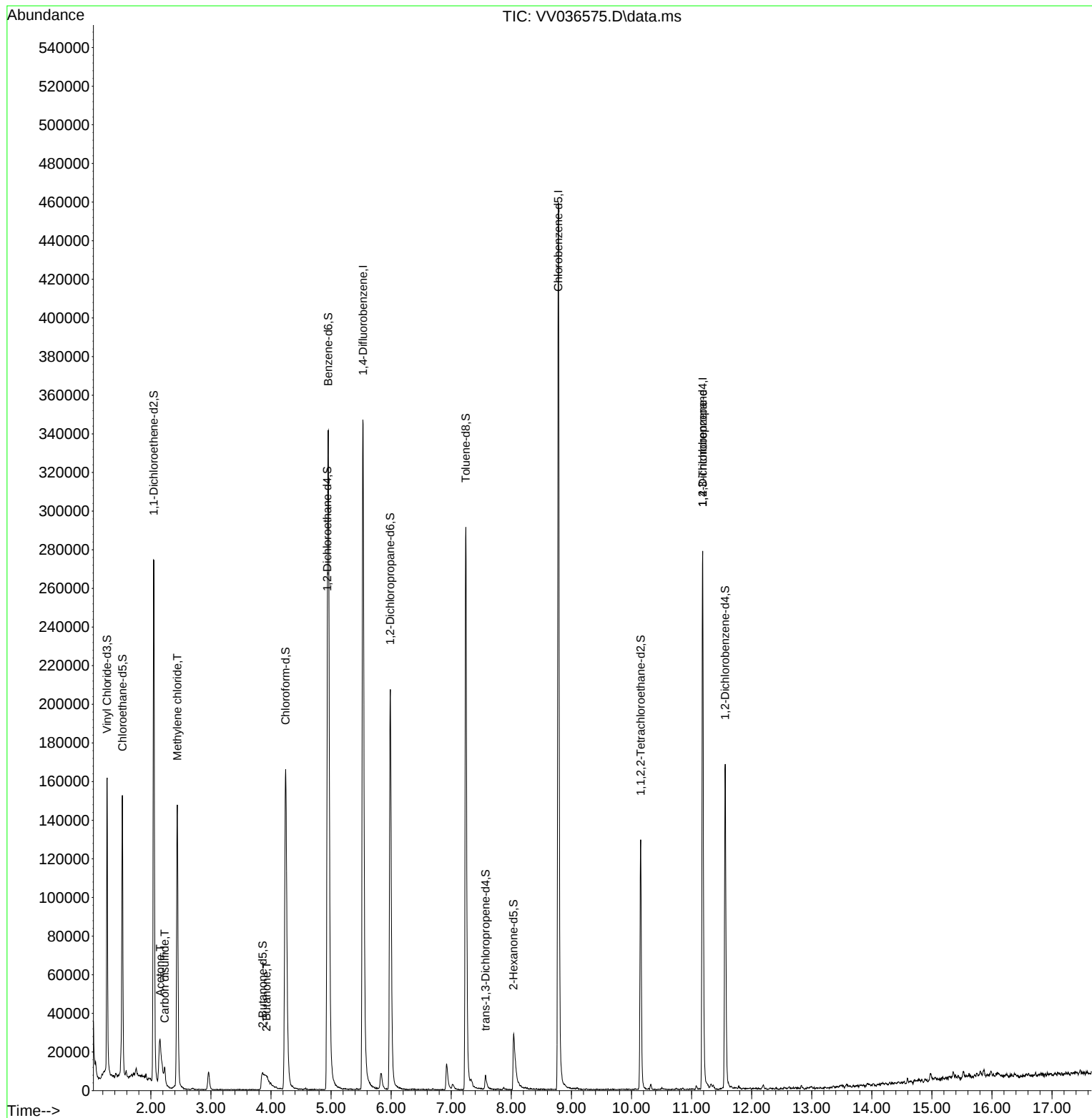
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	327237	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	276876	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81477	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	100042	21.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
7) Chloroethane-d5	1.526	69	94800	23.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.520%
11) 1,1-Dichloroethene-d2	2.047	65	42899	17.819	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.280%
21) 2-Butanone-d5	3.860	46	13544	16.879	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.760%
24) Chloroform-d	4.243	84	185499	19.475	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.880%
26) 1,2-Dichloroethane-d4	4.937	65	93892	19.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.480%
32) Benzene-d6	4.953	84	313103	22.667	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.680%
36) 1,2-Dichloropropane-d6	5.985	67	99671	24.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	7.243	98	207271	16.263	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.040%
43) trans-1,3-Dichloroprop...	7.571	79	5576	3.258	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	13.040%#
47) 2-Hexanone-d5	8.037	63	8563	18.729	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	37.460%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	61540	17.750	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	47103	17.035	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.160%#
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	50042	44.111	ug/L	73
14) Carbon disulfide	2.230	76	8350	0.769	ug/L	97
16) Methylene chloride	2.439	84	69181	10.283	ug/L	98
22) 2-Butanone	3.924	43	4470	4.693	ug/L #	60
61) 1,2,3-Trichloropropane	11.185	75	8006	5.523	ug/L #	58

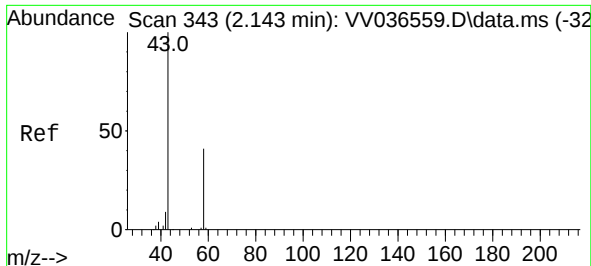
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 44.111 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV036575.D

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Instrument :

MSVOA_V

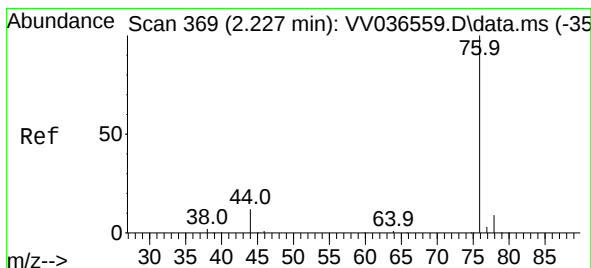
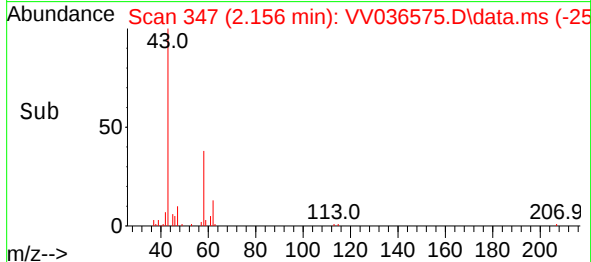
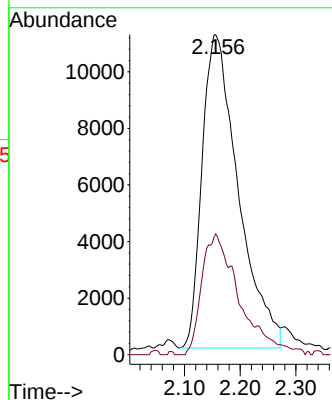
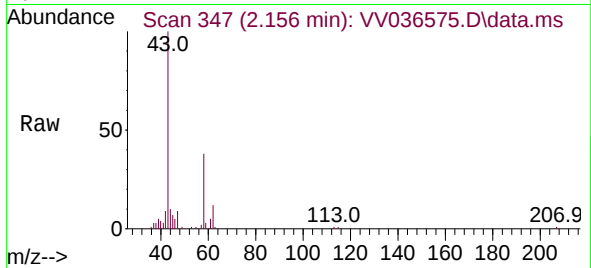
ClientSampleId :

Tgt Ion: 43 Resp: 50042

Ion Ratio Lower Upper

43 100

58 25.1 0.0 28.4



#14

Carbon disulfide

Concen: 0.769 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.003 min

Lab File: VV036575.D

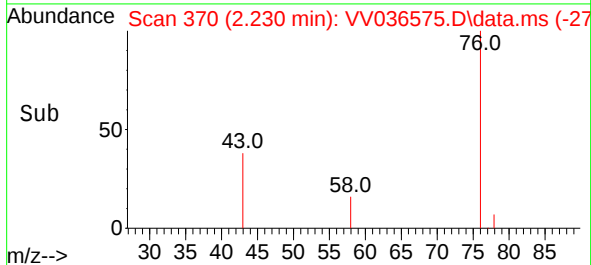
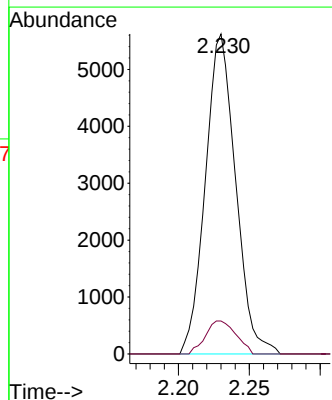
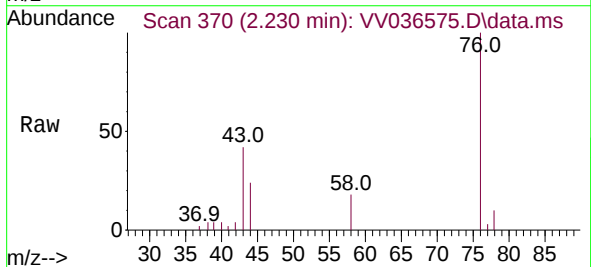
Acq: 16 Jul 2024 18:22

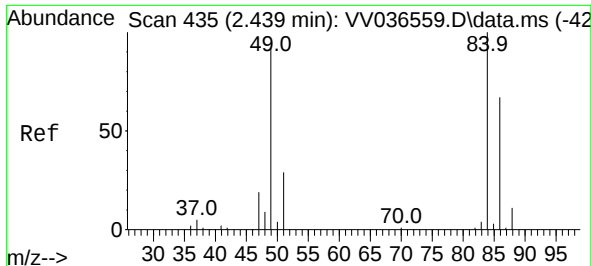
Tgt Ion: 76 Resp: 8350

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2





#16

Methylene chloride

Concen: 10.283 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

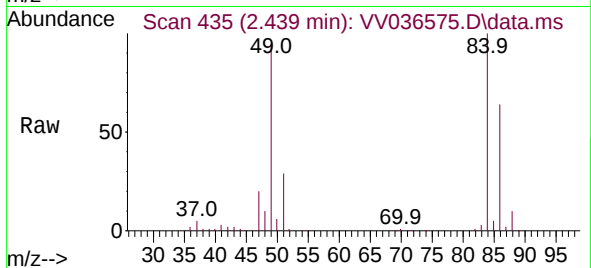
Lab File: VV036575.D

Acq: 16 Jul 2024 18:22

Instrument :

MSVOA_V

ClientSampleId :



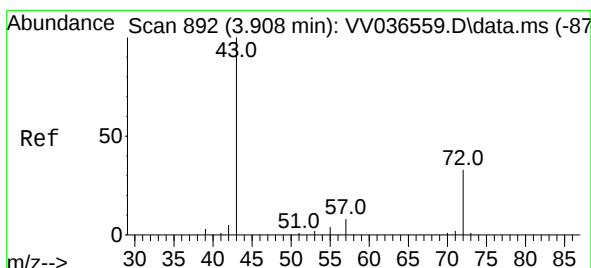
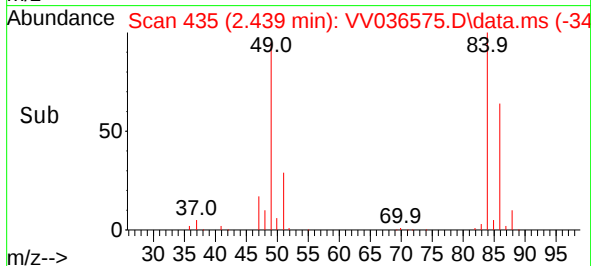
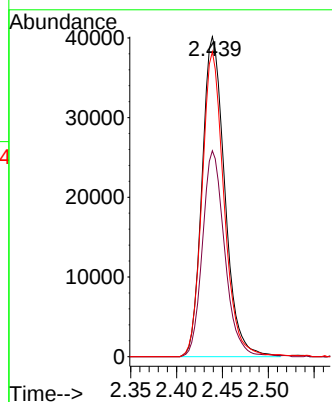
Tgt Ion: 84 Resp: 69181

Ion Ratio Lower Upper

84 100

86 64.4 46.3 86.1

49 95.3 68.1 126.5



#22

2-Butanone

Concen: 4.693 ug/L

RT: 3.924 min Scan# 897

Delta R.T. 0.016 min

Lab File: VV036575.D

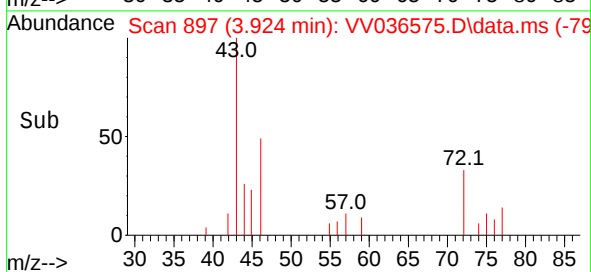
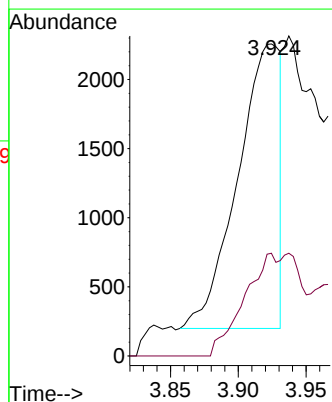
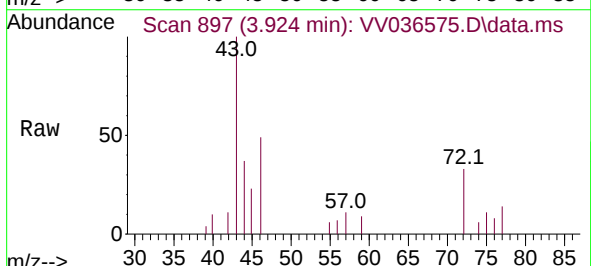
Acq: 16 Jul 2024 18:22

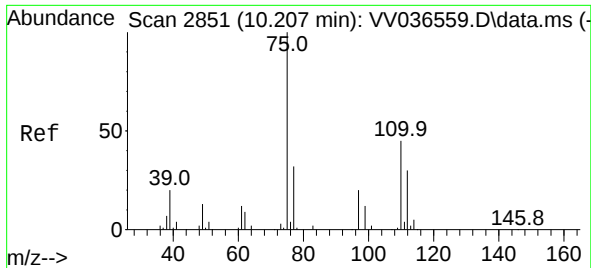
Tgt Ion: 43 Resp: 4470

Ion Ratio Lower Upper

43 100

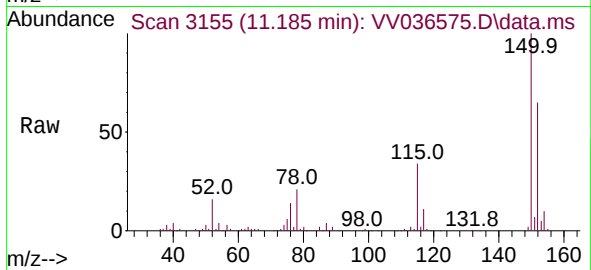
72 27.3 5.9 17.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.523 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.977 min
 Lab File: VV036575.D
 Acq: 16 Jul 2024 18:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	8006
Ion Ratio	Lower	Upper	
75	100		
77	39.1	25.6	38.4#
110	2.3	34.8	52.2#

