

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071724\
 Data File : VV036593.D
 Acq On : 17 Jul 2024 15:06
 Operator : SY/MD
 Sample : P3238-16
 Misc : 5.10g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 18 01:28:33 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)

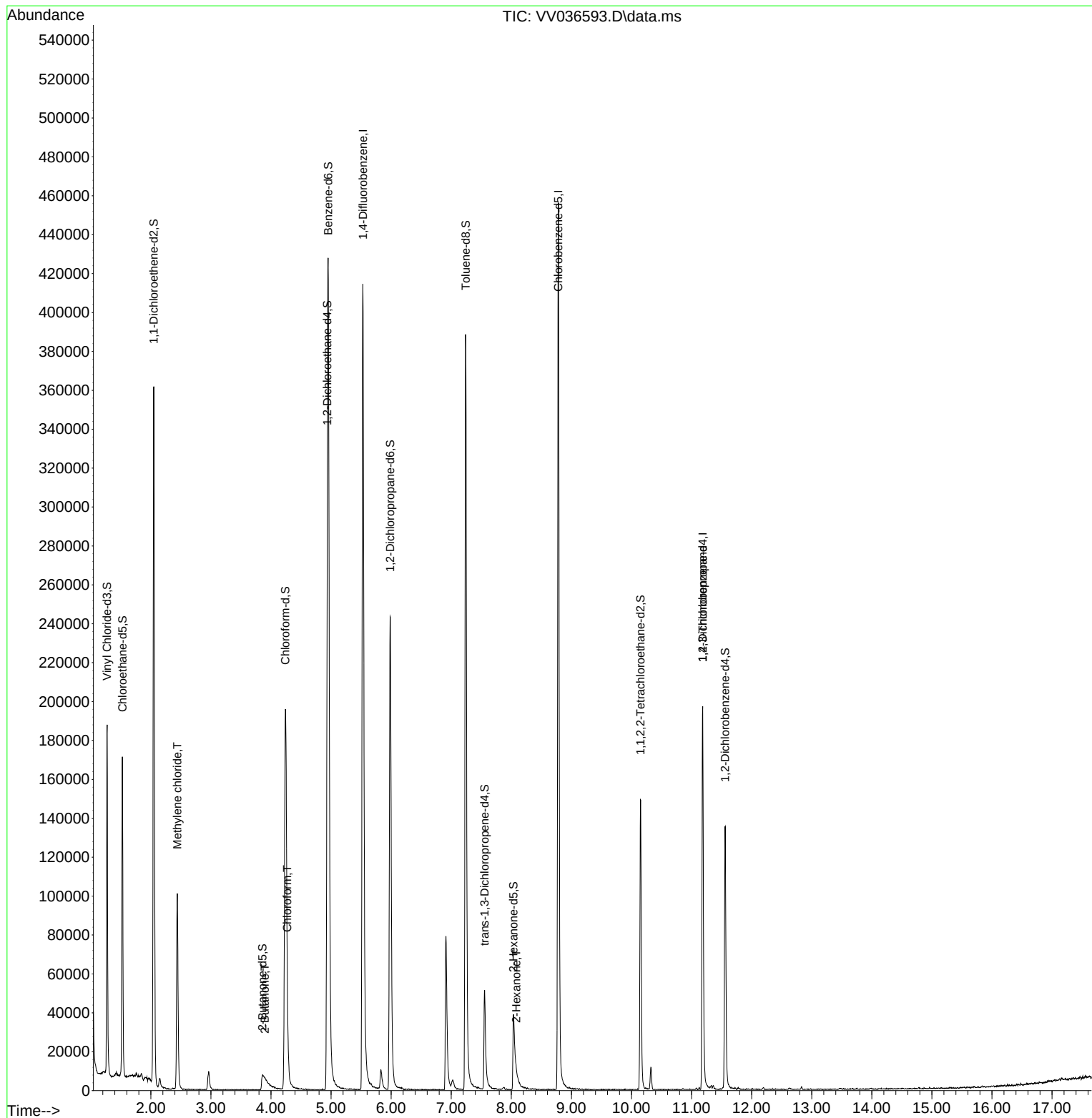
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	391897	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	58397	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	122065	21.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.960%
7) Chloroethane-d5	1.526	69	110666	22.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.160%
11) 1,1-Dichloroethene-d2	2.047	65	58942	20.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.760%
21) 2-Butanone-d5	3.857	46	12721	13.237	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.480%
24) Chloroform-d	4.240	84	222202	19.479	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.920%
26) 1,2-Dichloroethane-d4	4.937	65	115054	20.335	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.360%
32) Benzene-d6	4.953	84	396391	28.067	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.280%
36) 1,2-Dichloropropane-d6	5.982	67	118675	28.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.800%
41) Toluene-d8	7.239	98	281068	21.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	7.555	79	33743	19.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.120%
47) 2-Hexanone-d5	8.034	63	13432	28.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.460%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	71789	20.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	39472	19.917	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.680%
Target Compounds						Qvalue
16) Methylene chloride	2.439	84	48049	5.964	ug/L	96
22) 2-Butanone	3.896	43	1677	1.470	ug/L #	70
25) Chloroform	4.272	83	6212	0.549	ug/L	85
48) 2-Hexanone	8.082	43	4750	3.985	ug/L #	38
61) 1,2,3-Trichloropropane	11.185	75	5633	5.422	ug/L #	58

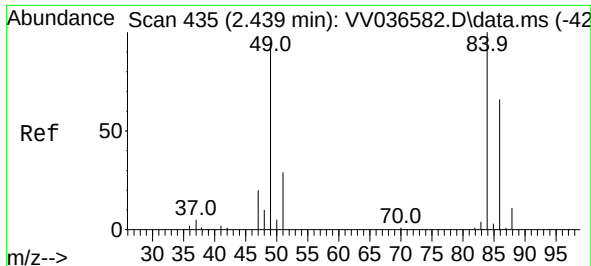
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

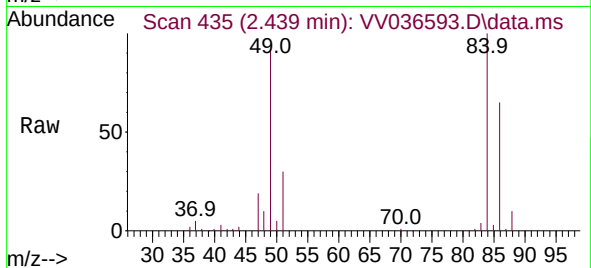
Quant Time: Jul 18 01:28:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 18 01:25:10 2024
Response via : Initial Calibration



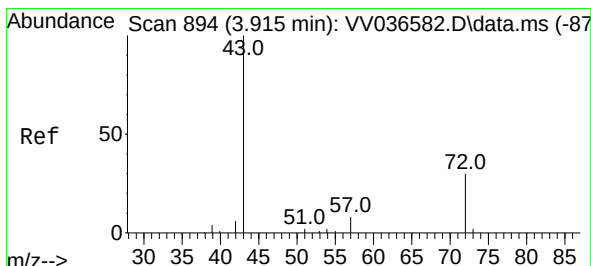
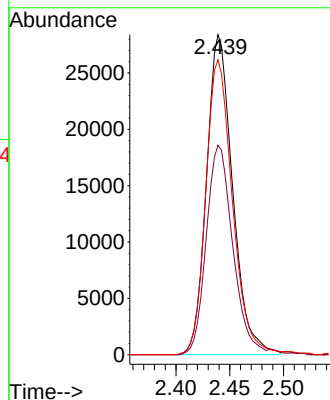
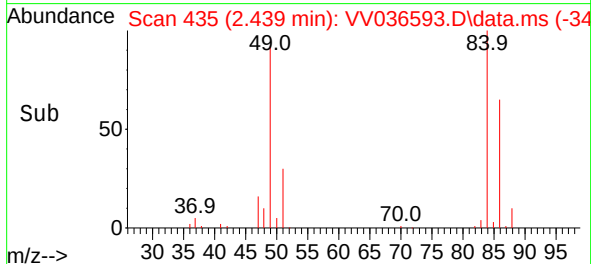


#16
Methylene chloride
Concen: 5.964 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV036593.D
Acq: 17 Jul 2024 15:06

Instrument :
MSVOA_V
ClientSampleId :

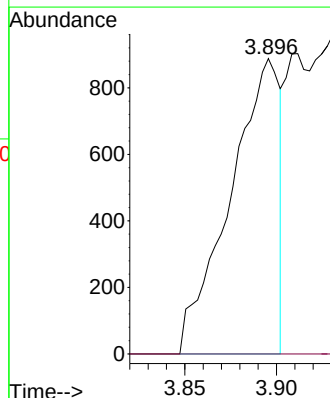
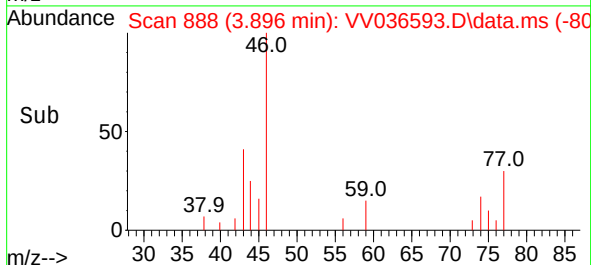
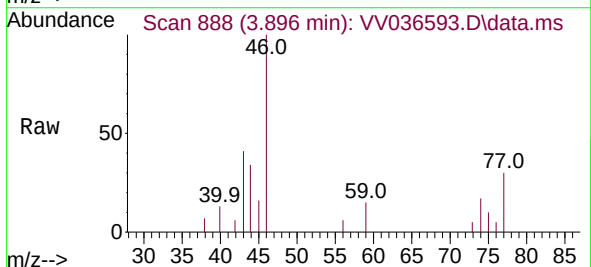


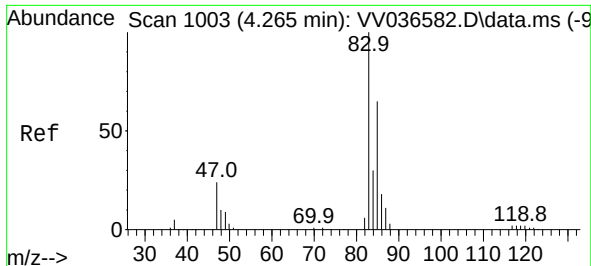
Tgt Ion: 84 Resp: 48049
Ion Ratio Lower Upper
84 100
86 65.4 46.3 86.1
49 92.1 68.1 126.5



#22
2-Butanone
Concen: 1.470 ug/L
RT: 3.896 min Scan# 888
Delta R.T. -0.019 min
Lab File: VV036593.D
Acq: 17 Jul 2024 15:06

Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
72 0.0 5.9 17.6#





#25

Chloroform

Concen: 0.549 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV036593.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_V

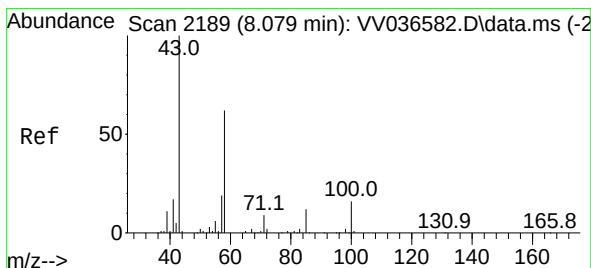
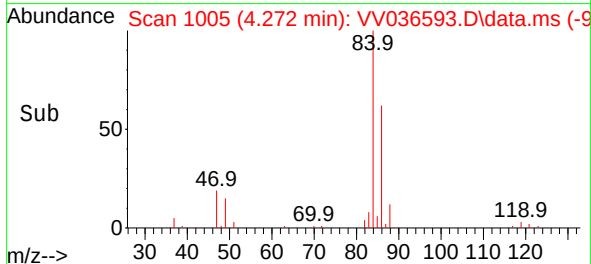
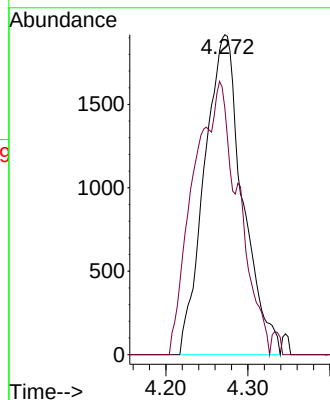
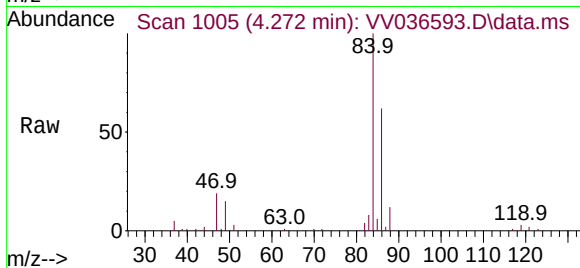
ClientSampleId :

Tgt Ion: 83 Resp: 6212

Ion Ratio Lower Upper

83 100

85 77.1 45.6 84.6



#48

2-Hexanone

Concen: 3.985 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.003 min

Lab File: VV036593.D

Acq: 17 Jul 2024 15:06

Tgt Ion: 43 Resp: 4750

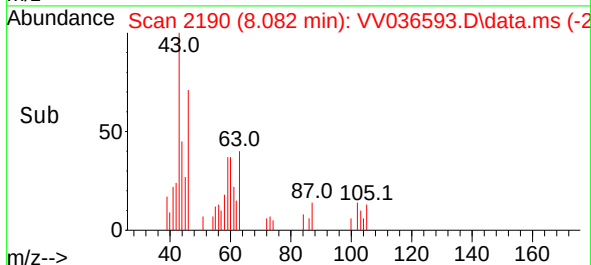
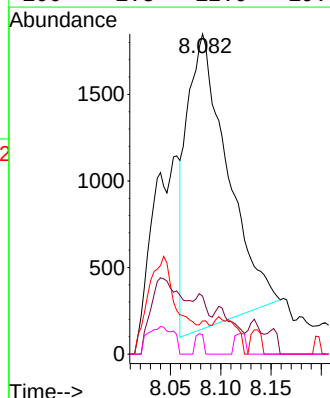
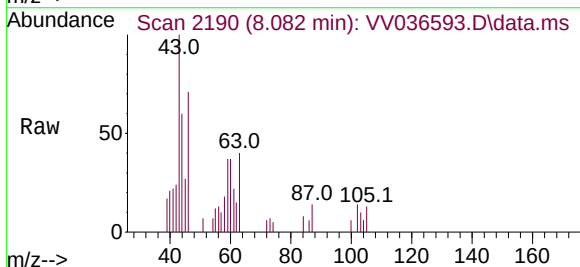
Ion Ratio Lower Upper

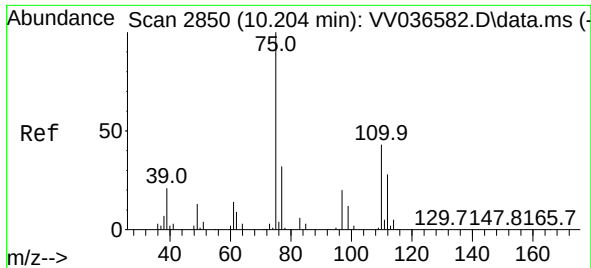
43 100

58 3.3 49.5 74.3#

57 0.6 15.3 22.9#

100 1.3 12.9 19.3#





#61

1,2,3-Trichloropropane

Concen: 5.422 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.981 min

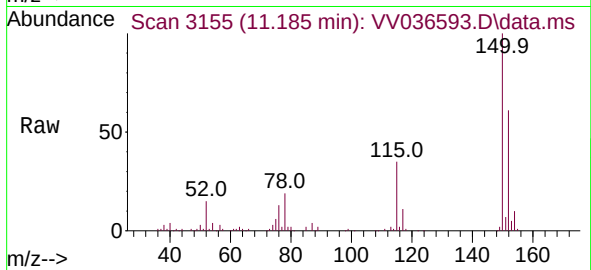
Lab File: VV036593.D

Acq: 17 Jul 2024 15:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5633

Ion Ratio Lower Upper

75 100

77 37.0 25.6 38.4

110 0.7 34.8 52.2#

