

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035693.D
 Acq On : 23 May 2024 11:08
 Operator : SY/MD
 Sample : P2568-01
 Misc : 5.48g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 01:46:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

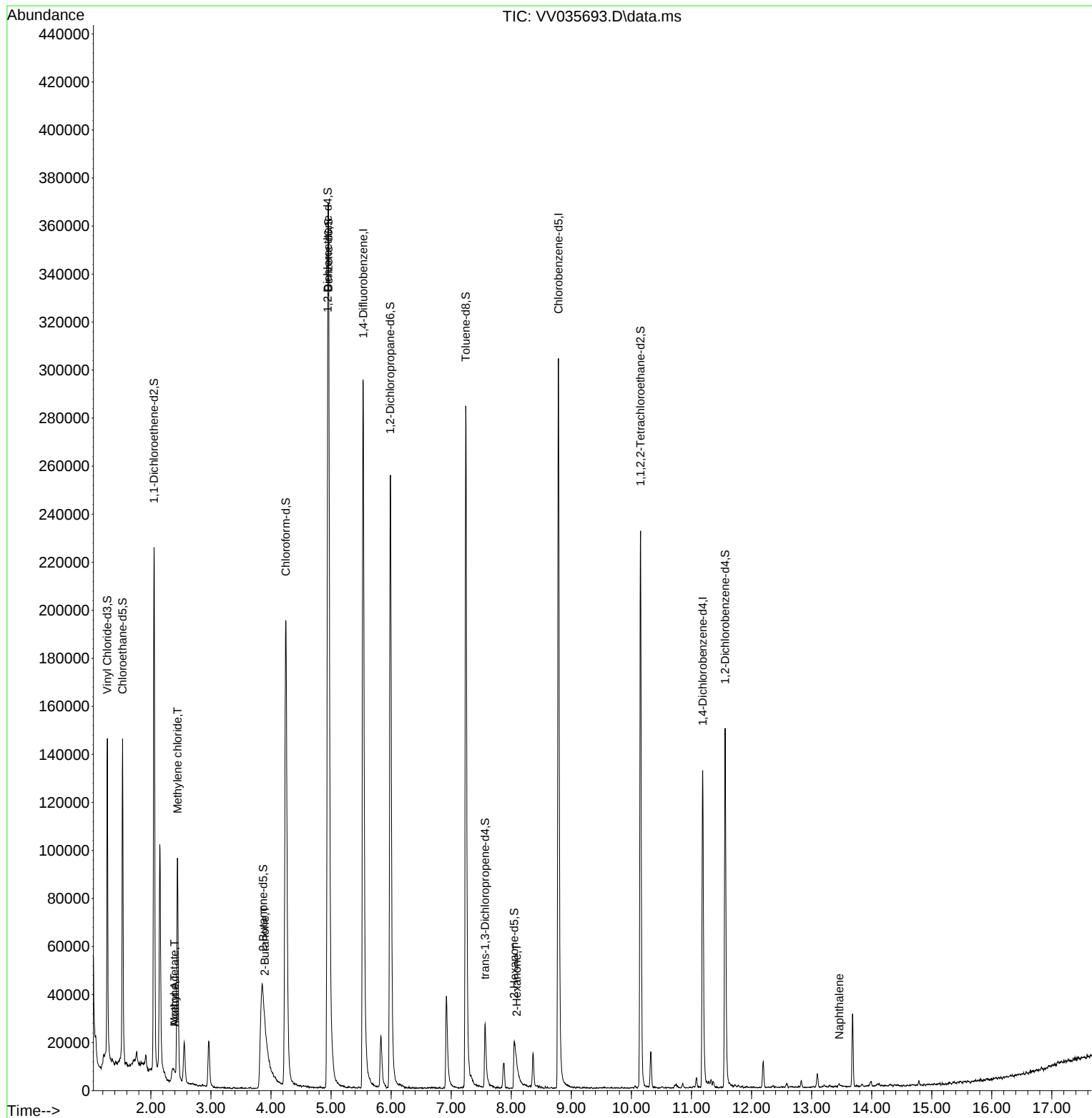
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	270301	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	184955	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	38510	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	84958	20.335	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.360%
7) Chloroethane-d5	1.529	69	87109	25.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.053	65	36887	19.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.760%
21) 2-Butanone-d5	3.870	46	24920	21.018	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.040%
24) Chloroform-d	4.246	84	222191	27.650	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	4.944	65	115231	29.006	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.040%
32) Benzene-d6	4.956	84	324208	32.022	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.080%
36) 1,2-Dichloropropane-d6	5.985	67	136337	43.636	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	174.560%#
41) Toluene-d8	7.243	98	206334	22.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.564	79	20464	15.315	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.240%
47) 2-Hexanone-d5	8.046	63	8123	14.458	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.920%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	117841	39.140	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.560%#
66) 1,2-Dichlorobenzene-d4	11.561	152	42648	31.911	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.640%#
Target Compounds						
					Qvalue	
13) Acetone	2.391	43	4269	2.460	ug/L	73
15) Methyl Acetate	2.391	43	4269	1.623	ug/L	95
16) Methylene chloride	2.442	84	41237	6.616	ug/L	98
22) 2-Butanone	3.899	43	6046	3.751	ug/L #	53
48) 2-Hexanone	8.091	43	4657	3.247	ug/L #	42
71) Naphthalene	13.461	128	2031	0.659	ug/L #	76

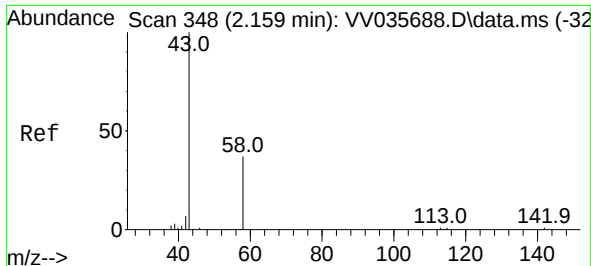
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.460 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.231 min

Lab File: VV035693.D

Acq: 23 May 2024 11:08

Instrument :

MSVOA_V

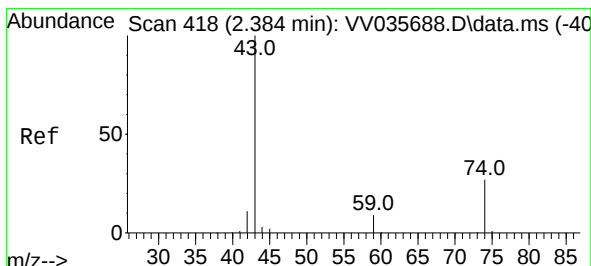
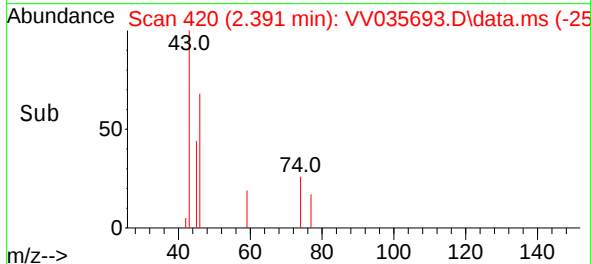
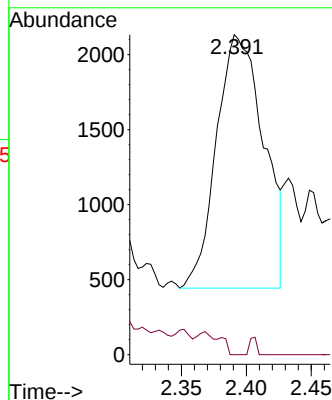
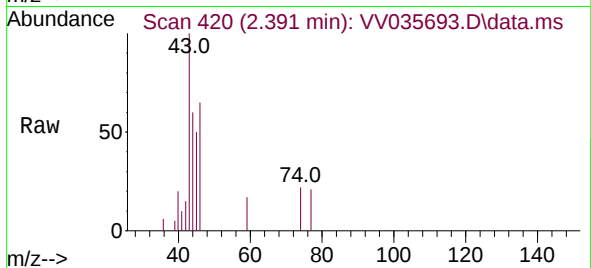
ClientSampleId :

Tgt Ion: 43 Resp: 4269

Ion Ratio Lower Upper

43 100

58 1.0 0.0 22.8



#15

Methyl Acetate

Concen: 1.623 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.006 min

Lab File: VV035693.D

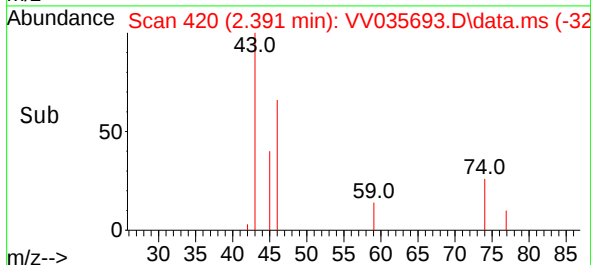
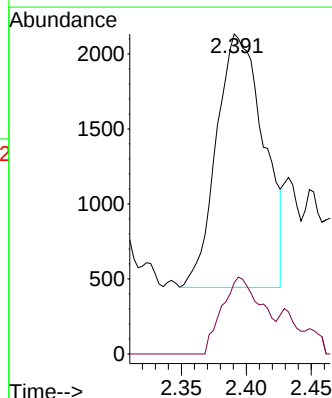
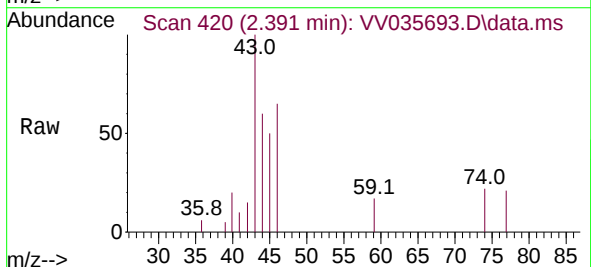
Acq: 23 May 2024 11:08

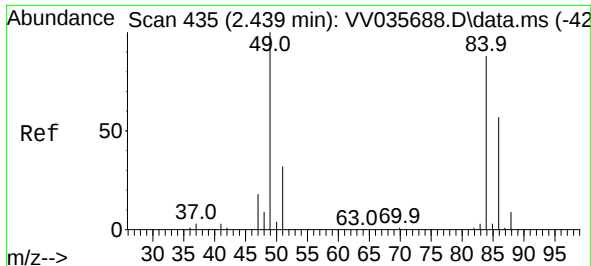
Tgt Ion: 43 Resp: 4269

Ion Ratio Lower Upper

43 100

74 25.8 18.6 27.8

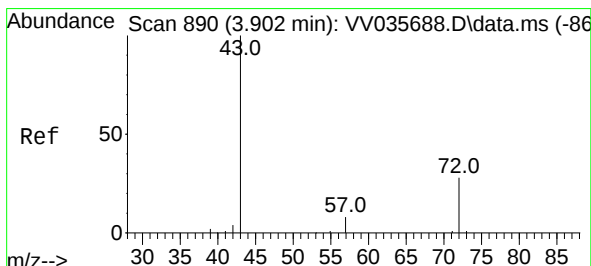
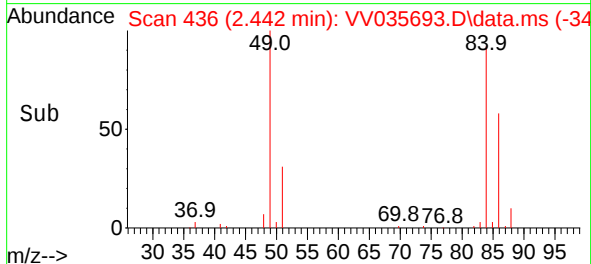
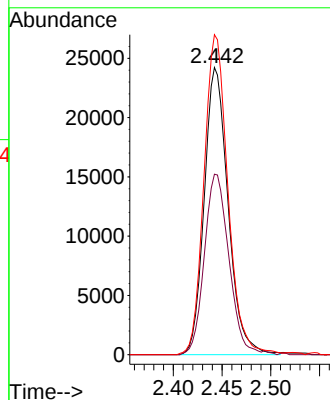
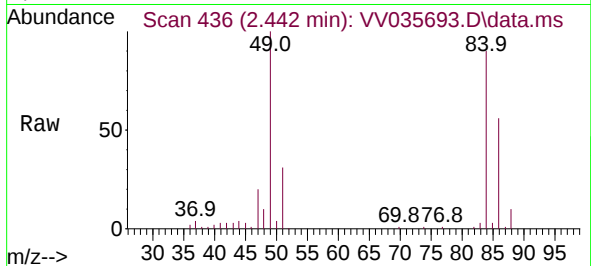




#16
Methylene chloride
Concen: 6.616 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035693.D
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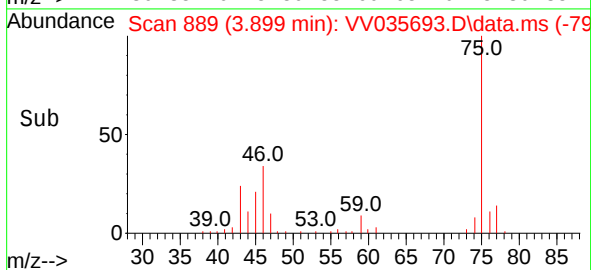
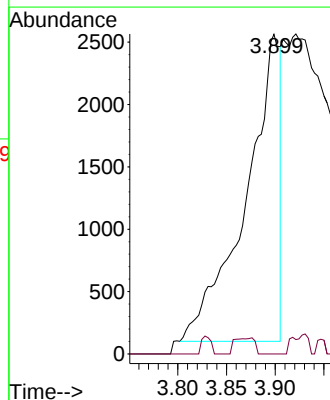
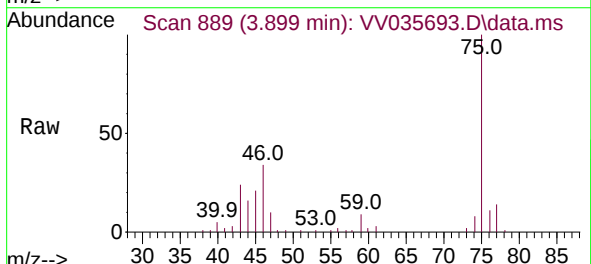
Instrument :
MSVOA_V
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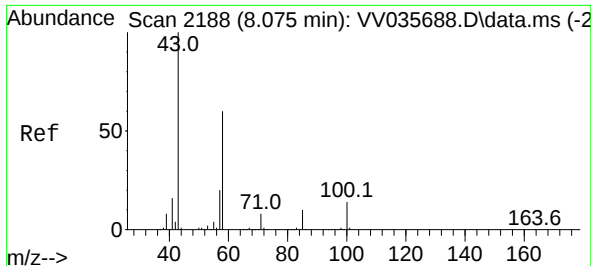
Tgt Ion: 84 Resp: 41237
Ion Ratio Lower Upper
84 100
86 62.8 43.8 81.3
49 111.4 75.3 139.9



#22
2-Butanone
Concen: 3.751 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.003 min
Lab File: VV035693.D
Acq: 23 May 2024 11:08

Tgt Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
72 1.2 12.3 36.9#





#48

2-Hexanone

Concen: 3.247 ug/L

RT: 8.091 min Scan# 2188

Delta R.T. 0.016 min

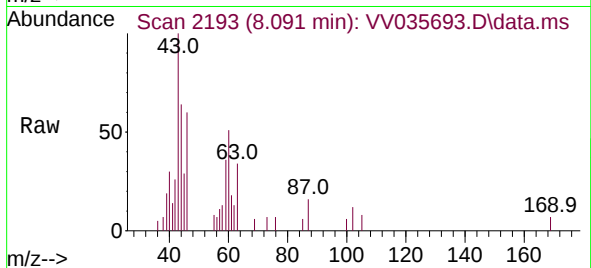
Lab File: VV035693.D

Acq: 23 May 2024 11:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4657

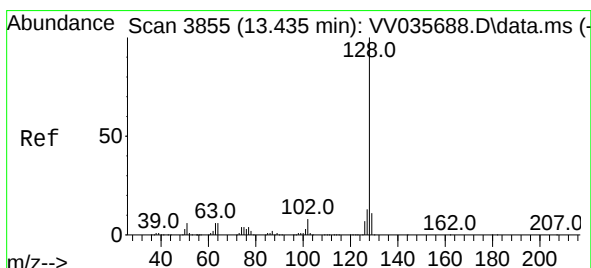
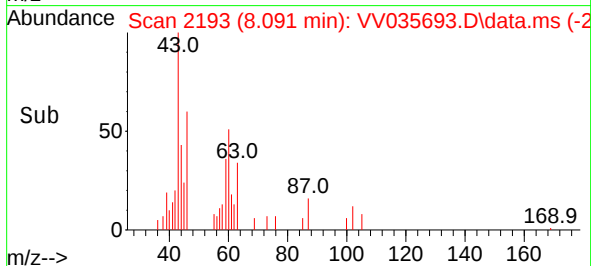
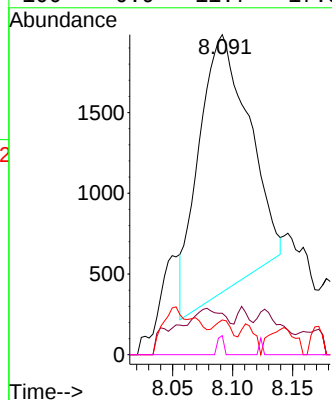
Ion Ratio Lower Upper

43 100

58 7.8 48.8 73.2#

57 1.8 16.9 25.3#

100 0.9 11.7 17.5#



#71

Naphthalene

Concen: 0.659 ug/L

RT: 13.461 min Scan# 3863

Delta R.T. 0.026 min

Lab File: VV035693.D

Acq: 23 May 2024 11:08

Tgt Ion: 128 Resp: 2031

Ion Ratio Lower Upper

128 100

127 4.9 10.4 15.6#

129 0.0 8.6 13.0#

