

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035640.D
 Acq On : 21 May 2024 16:04
 Operator : SY/MD
 Sample : P2547-02
 Misc : 4.94g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

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

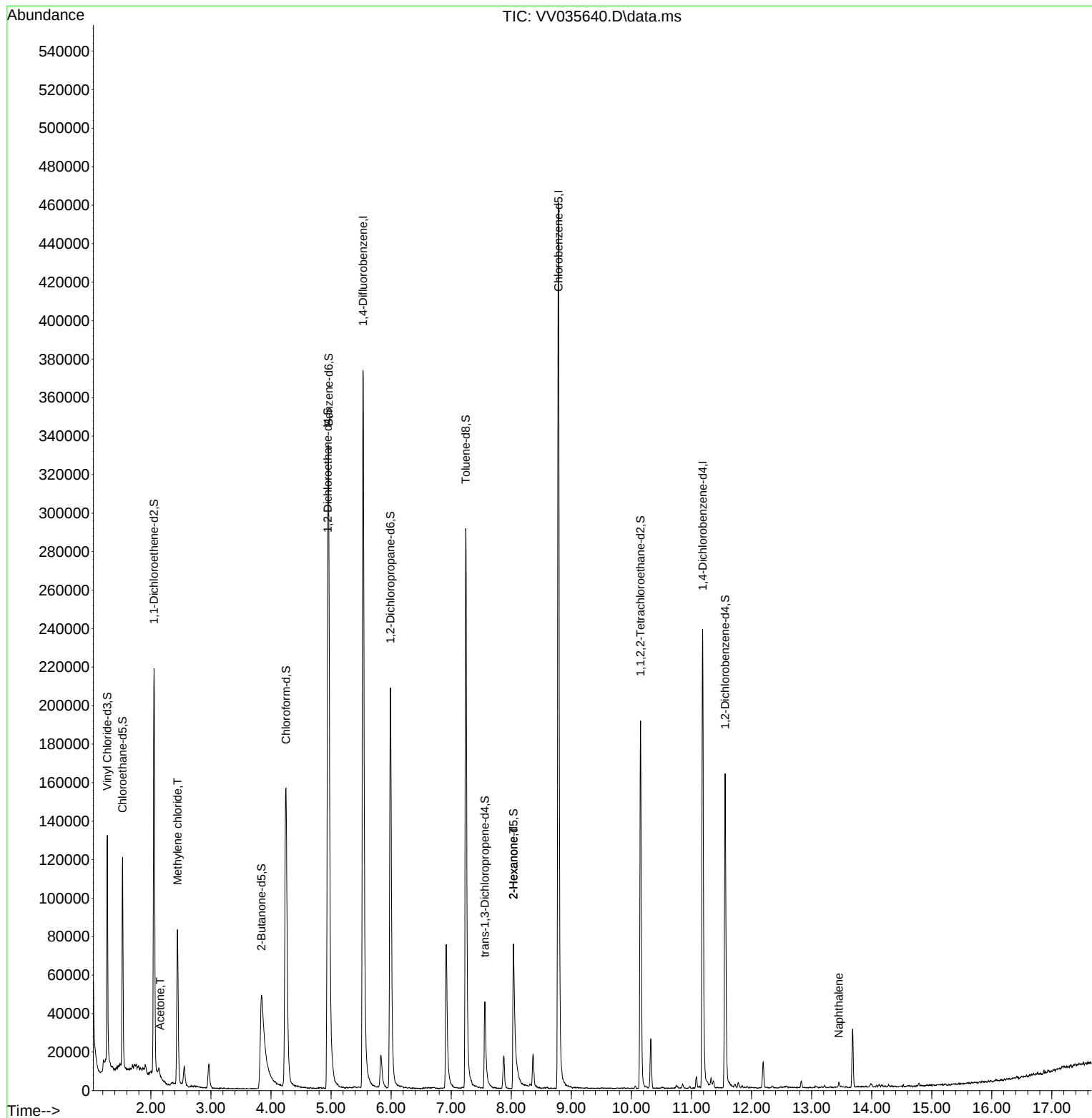
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340497	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	272452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68839	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	78714	14.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.840%
7) Chloroethane-d5	1.529	69	72647	17.111	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.440%
11) 1,1-Dichloroethene-d2	2.053	65	36326	15.591	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.360%
21) 2-Butanone-d5	3.844	46	41993	28.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.240%
24) Chloroform-d	4.249	84	180841	17.865	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.440%
26) 1,2-Dichloroethane-d4	4.944	65	100288	20.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.160%
32) Benzene-d6	4.960	84	301116	20.190	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.760%
36) 1,2-Dichloropropane-d6	5.989	67	110764	24.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.243	98	215336	16.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.880%
43) trans-1,3-Dichloroprop...	7.561	79	32620	16.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.280%
47) 2-Hexanone-d5	8.037	63	30553	36.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	99280	22.385	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	11.561	152	44895	18.792	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.160%
Target Compounds						
					Qvalue	
13) Acetone	2.153	43	4033	1.845	ug/L	80
16) Methylene chloride	2.442	84	35669	4.543	ug/L	97
48) 2-Hexanone	8.037	43	3822	1.809	ug/L #	44
71) Naphthalene	13.455	128	2455	0.445	ug/L #	87

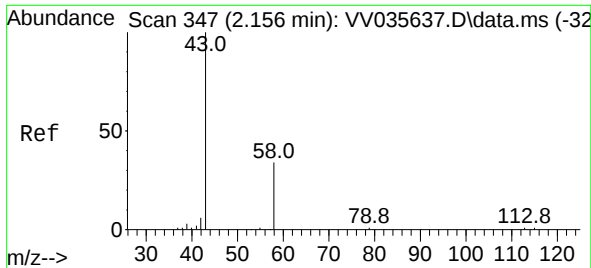
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 22 02:35:18 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.845 ug/L

RT: 2.153 min Scan# 347

Delta R.T. -0.003 min

Lab File: VV035640.D

Acq: 21 May 2024 16:04

Instrument :

MSVOA_V

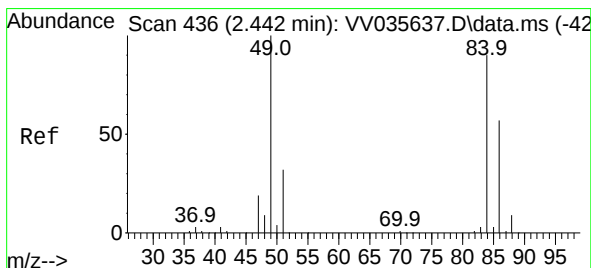
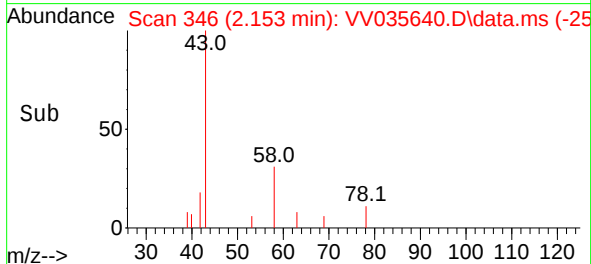
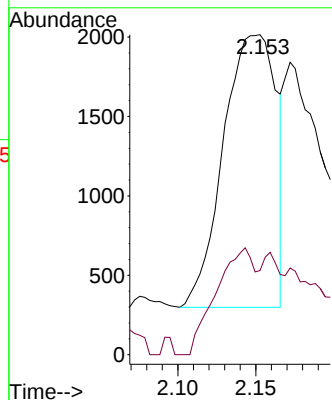
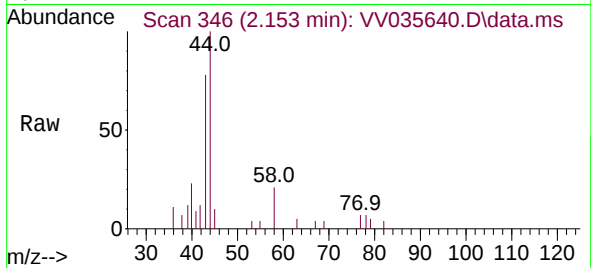
ClientSampleId :

Tgt Ion: 43 Resp: 4033

Ion Ratio Lower Upper

43 100

58 3.6 0.0 22.8



#16

Methylene chloride

Concen: 4.543 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV035640.D

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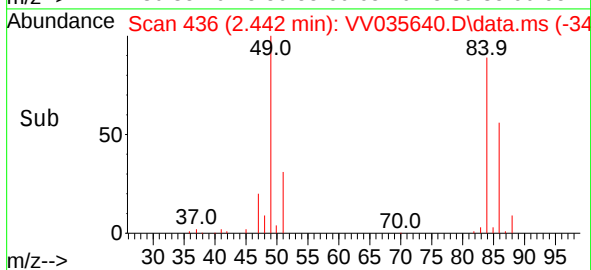
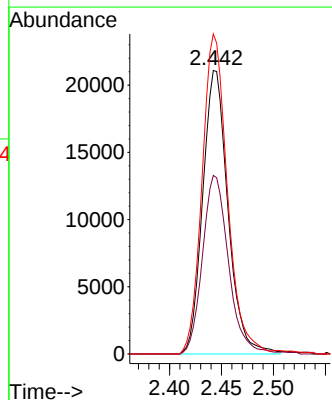
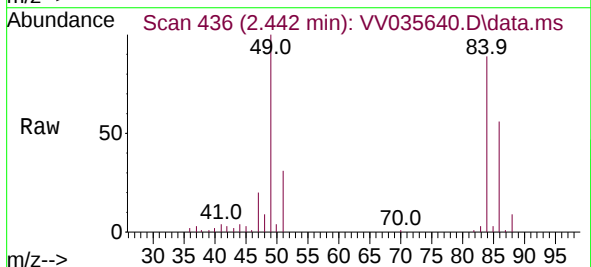
Tgt Ion: 84 Resp: 35669

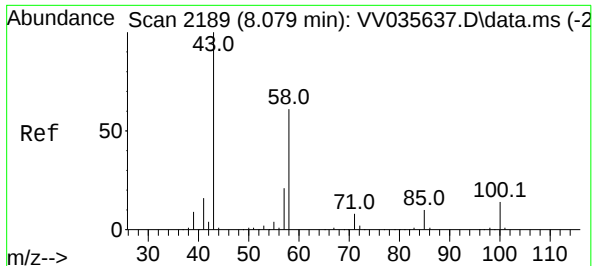
Ion Ratio Lower Upper

84 100

86 63.0 43.8 81.3

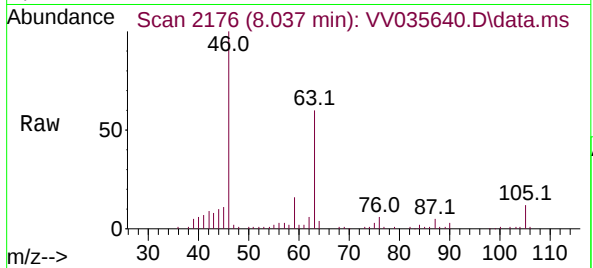
49 112.9 75.3 139.9



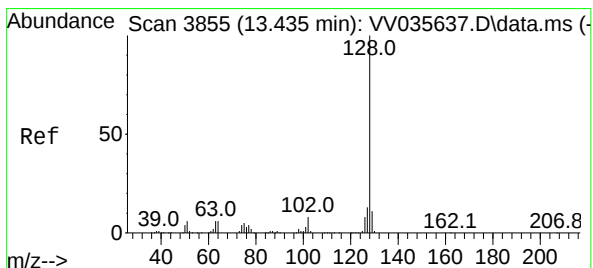
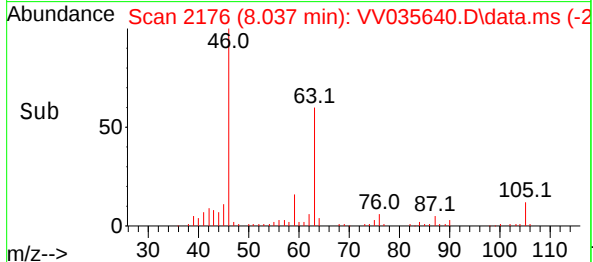
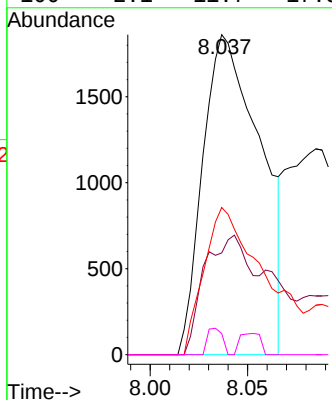


#48
2-Hexanone
Concen: 1.809 ug/L
RT: 8.037 min Scan# 2189
Delta R.T. -0.042 min
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 3822
Ion Ratio	Lower Upper
43	100
58	10.6 48.8 73.2#
57	42.1 16.9 25.3#
100	2.1 11.7 17.5#



#71
Naphthalene
Concen: 0.445 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV035640.D
Acq: 21 May 2024 16:04

Tgt Ion: 128	Resp: 2455
Ion Ratio	Lower Upper
128	100
127	7.3 10.4 15.6#
129	6.4 8.6 13.0#

