

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035644.D
 Acq On : 21 May 2024 17:35
 Operator : SY/MD
 Sample : P2547-11
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:37:44 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)

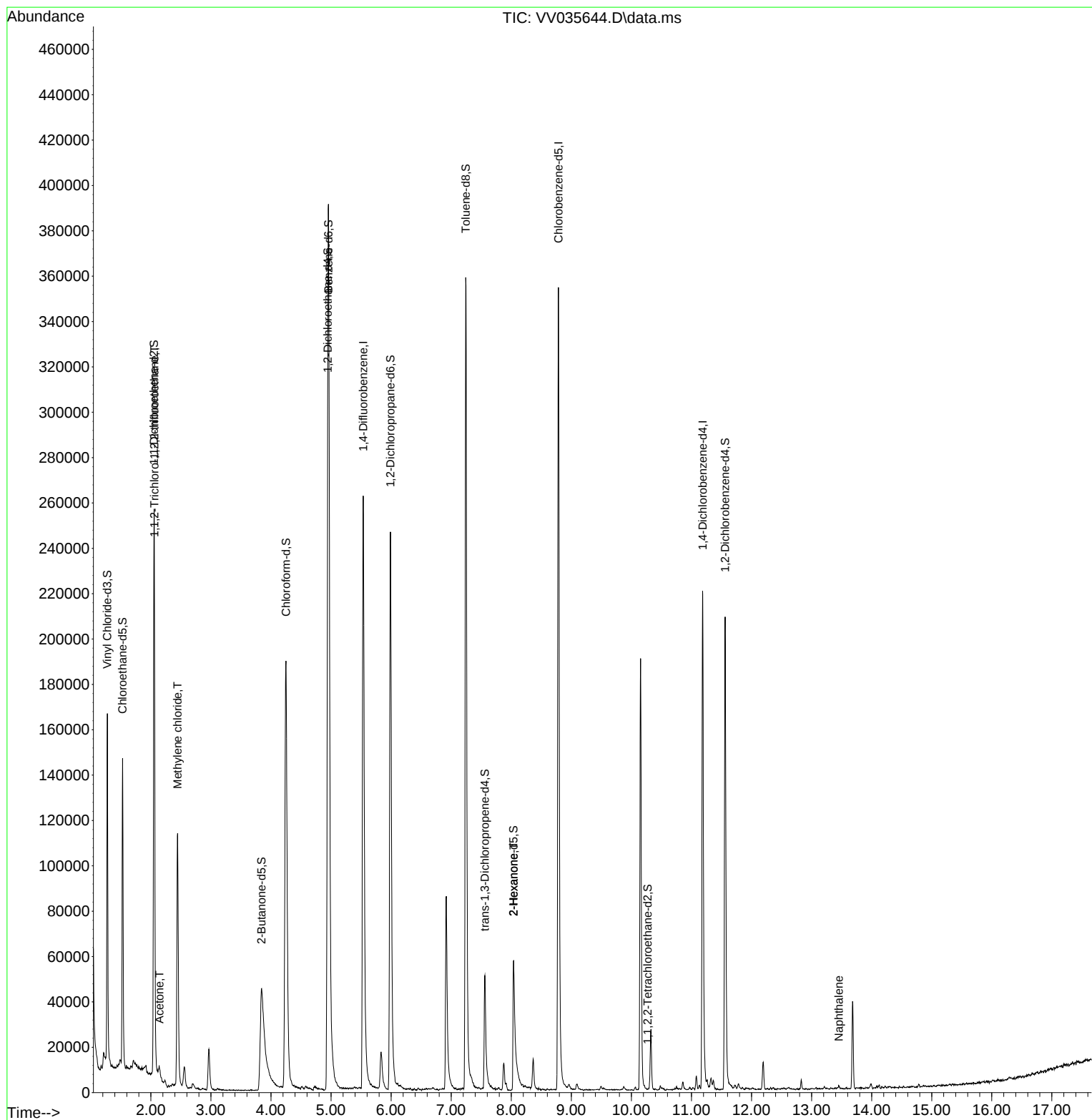
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	243634	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	209902	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61205	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	96165	25.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
7) Chloroethane-d5	1.529	69	87895	28.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.720%
11) 1,1-Dichloroethene-d2	2.053	65	42895	25.730	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.920%
21) 2-Butanone-d5	3.844	46	8722	8.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.320%#
24) Chloroform-d	4.249	84	215358	29.733	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.920%
26) 1,2-Dichloroethane-d4	4.944	65	107403	29.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.960%
32) Benzene-d6	4.957	84	361313	31.446	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.800%
36) 1,2-Dichloropropane-d6	5.989	67	129825	36.613	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.440%#
41) Toluene-d8	7.243	98	257259	25.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.640%
43) trans-1,3-Dichloroprop...	7.561	79	35650	23.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	8.037	63	23552	36.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.880%
56) 1,1,2,2-Tetrachloroeth...	10.271	84	156	0.046	ug/L	0.12
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.200%#
66) 1,2-Dichlorobenzene-d4	11.561	152	56970	26.821	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.280%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	2147	0.507	ug/L #	53
13) Acetone	2.143	43	2611	1.669	ug/L #	1
16) Methylene chloride	2.445	84	48852	8.695	ug/L	93
48) 2-Hexanone	8.040	43	2578	1.584	ug/L #	51
71) Naphthalene	13.455	128	1487	0.303	ug/L #	80

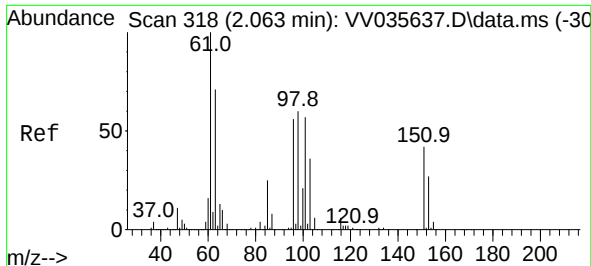
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035644.D
Acq On : 21 May 2024 17:35
Operator : SY/MD
Sample : P2547-11
Misc : 5.49g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

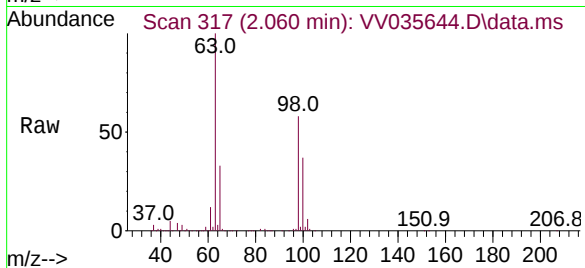
Quant Time: May 22 02:37:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:35:18 2024
Response via : Initial Calibration



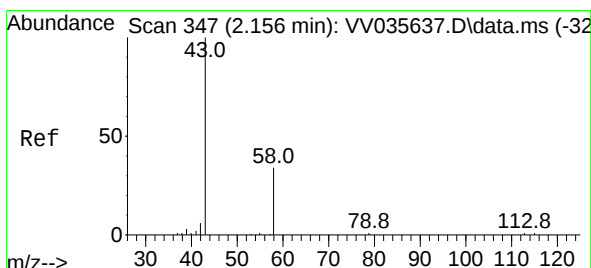
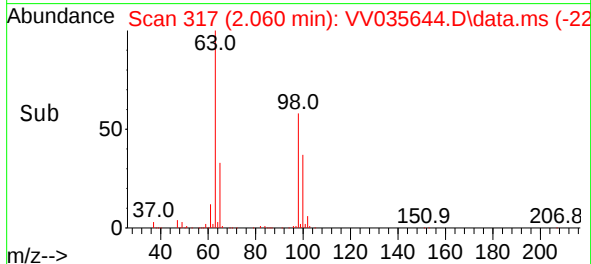
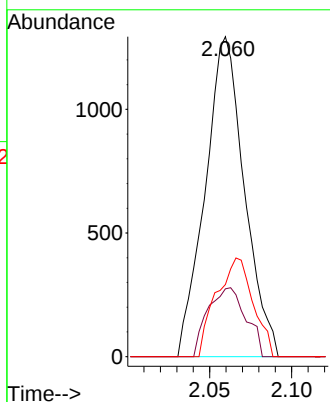


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.507 ug/L
RT: 2.060 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV035644.D
Acq: 21 May 2024 17:35

Instrument :
MSVOA_V
ClientSampleId :

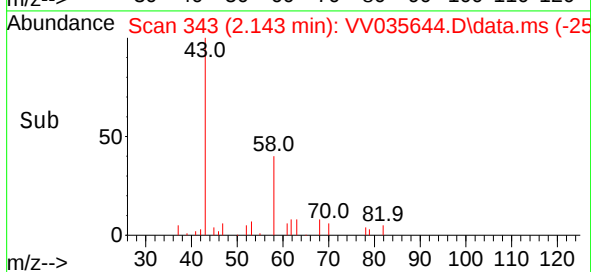
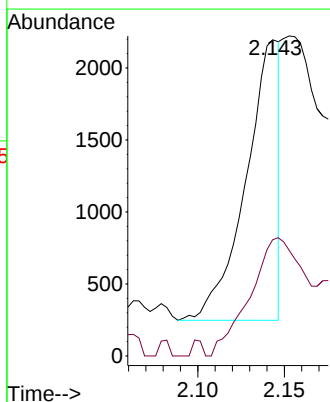
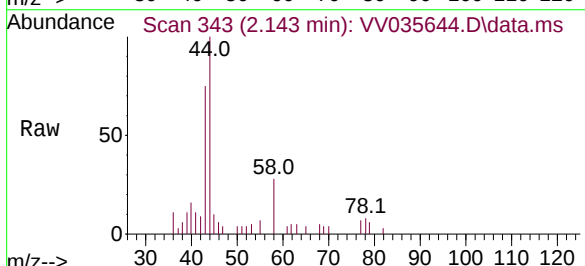


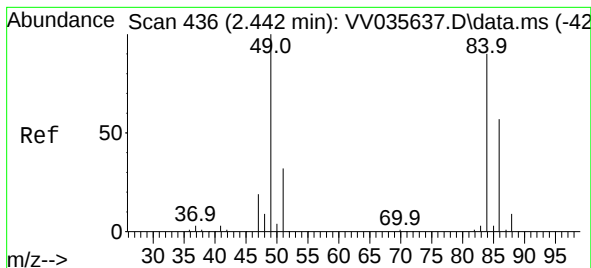
Tgt Ion: 101 Resp: 2147
Ion Ratio Lower Upper
101 100
85 19.8 34.2 51.4#
151 28.9 59.5 89.3#



#13
Acetone
Concen: 1.669 ug/L
RT: 2.143 min Scan# 343
Delta R.T. -0.013 min
Lab File: VV035644.D
Acq: 21 May 2024 17:35

Tgt Ion: 43 Resp: 2611
Ion Ratio Lower Upper
43 100
58 66.4 0.0 22.8#





#16

Methylene chloride

Concen: 8.695 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.003 min

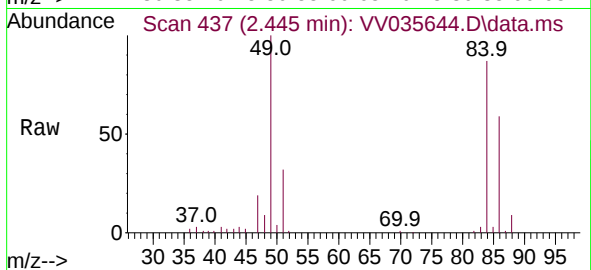
Lab File: VV035644.D

Acq: 21 May 2024 17:35

Instrument :

MSVOA_V

ClientSampleId :



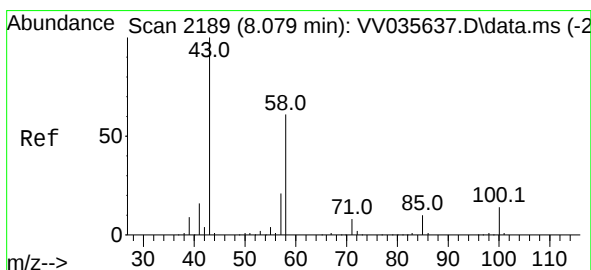
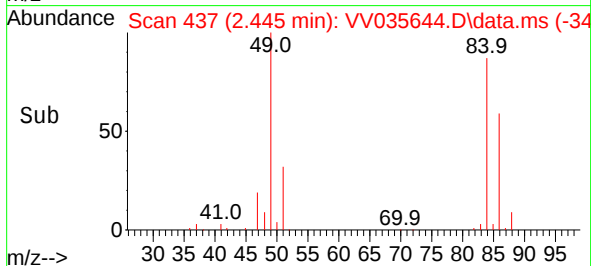
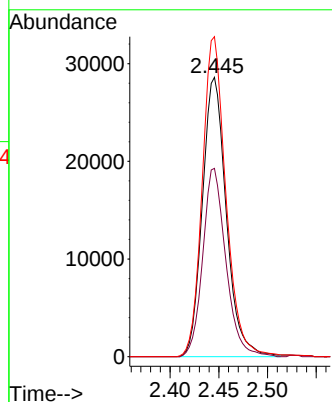
Tgt Ion: 84 Resp: 48852

Ion Ratio Lower Upper

84 100

86 67.4 43.8 81.3

49 114.6 75.3 139.9



#48

2-Hexanone

Concen: 1.584 ug/L

RT: 8.040 min Scan# 2177

Delta R.T. -0.039 min

Lab File: VV035644.D

Acq: 21 May 2024 17:35

Tgt Ion: 43 Resp: 2578

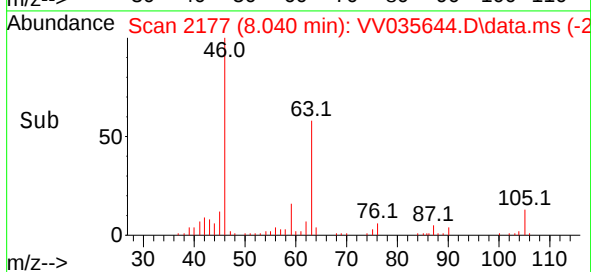
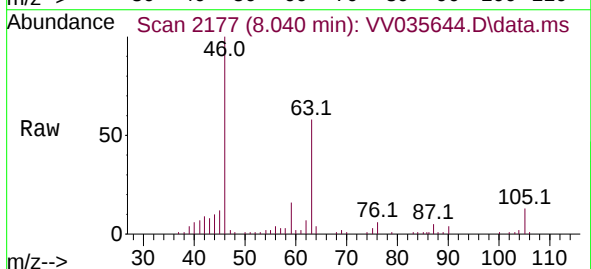
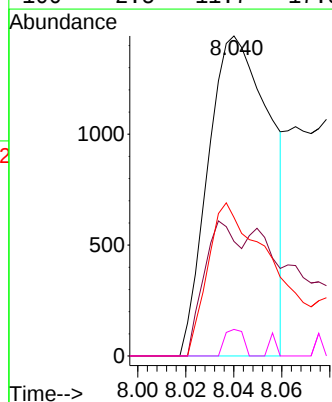
Ion Ratio Lower Upper

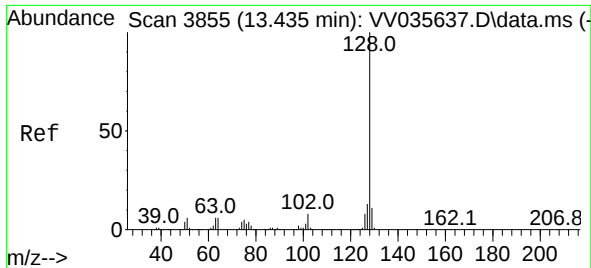
43 100

58 24.3 48.8 73.2#

57 51.0 16.9 25.3#

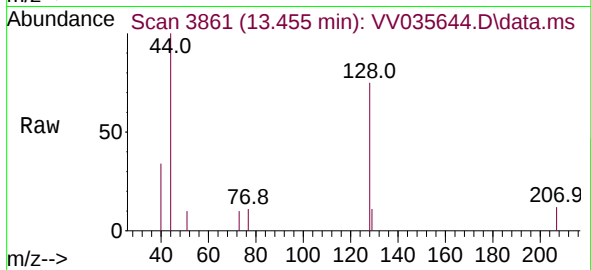
100 2.5 11.7 17.5#





#71
Naphthalene
Concen: 0.303 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV035644.D
Acq: 21 May 2024 17:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1487
Ion Ratio Lower Upper
128 100
127 4.8 10.4 15.6#
129 3.4 8.6 13.0#

