

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035656.D
 Acq On : 21 May 2024 22:09
 Operator : SY/MD
 Sample : P2547-16
 Misc : 5.27g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:40:38 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)

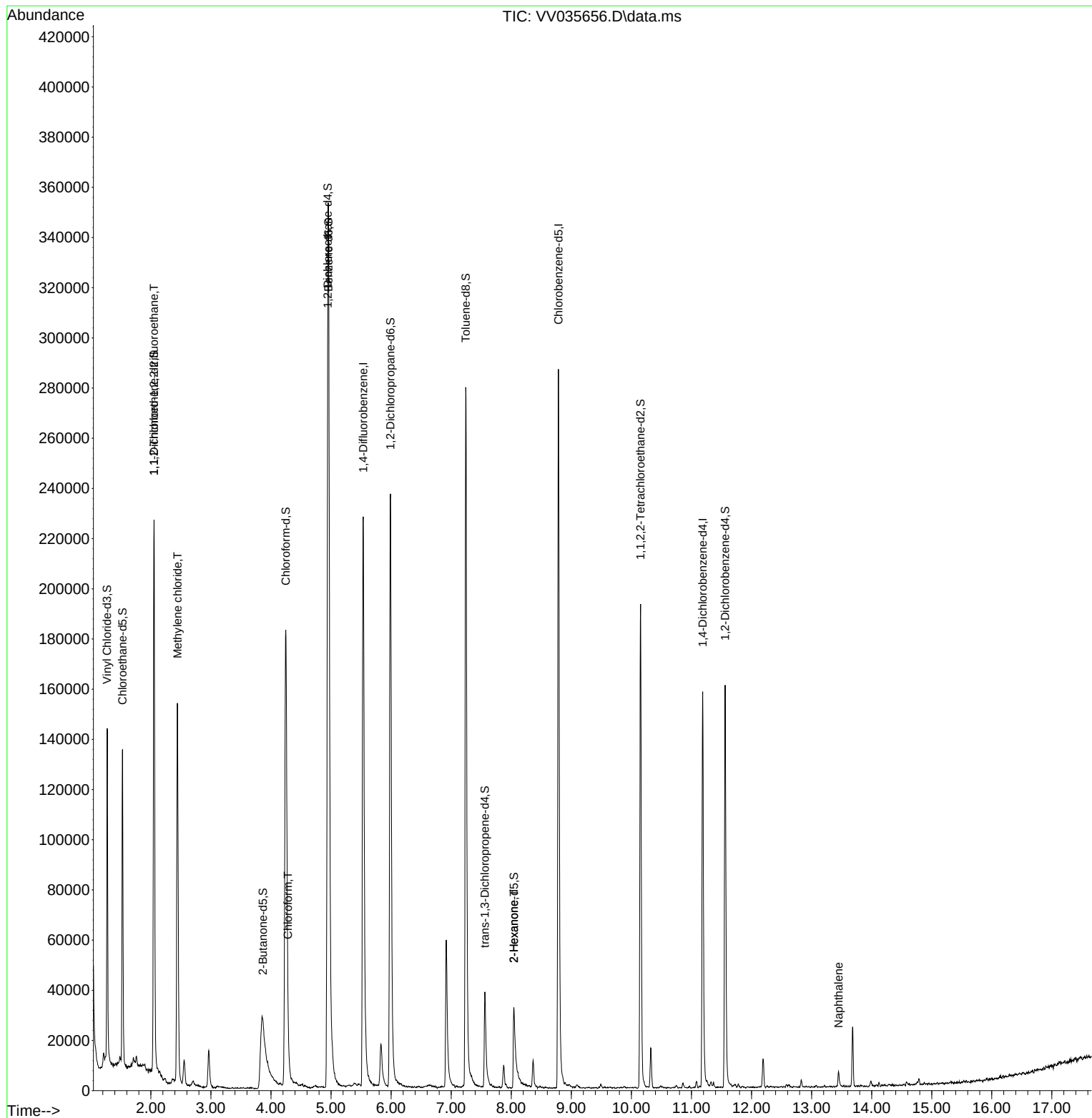
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	207311	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	168587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	44910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	85136	26.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.280%
7) Chloroethane-d5	1.529	69	83600	32.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.360%
11) 1,1-Dichloroethene-d2	2.053	65	37524	26.452	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.800%
21) 2-Butanone-d5	3.863	46	23048	25.346	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.700%
24) Chloroform-d	4.246	84	208420	33.817	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	135.280%
26) 1,2-Dichloroethane-d4	4.944	65	109575	35.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	143.840%#
32) Benzene-d6	4.957	84	317849	34.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.760%#
36) 1,2-Dichloropropane-d6	5.989	67	127177	44.656	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	178.640%#
41) Toluene-d8	7.243	98	202703	24.680	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.720%
43) trans-1,3-Dichloroprop...	7.561	79	27042	22.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	8.043	63	13603	26.563	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.120%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	98332	35.831	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	143.320%#
66) 1,2-Dichlorobenzene-d4	11.561	152	44985	28.863	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.440%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1393	0.387	ug/L #	37
16) Methylene chloride	2.442	84	67753	14.173	ug/L	96
25) Chloroform	4.281	83	4254	0.609	ug/L	92
48) 2-Hexanone	8.043	43	1618	1.238	ug/L #	44
71) Naphthalene	13.451	128	6096	1.695	ug/L #	94

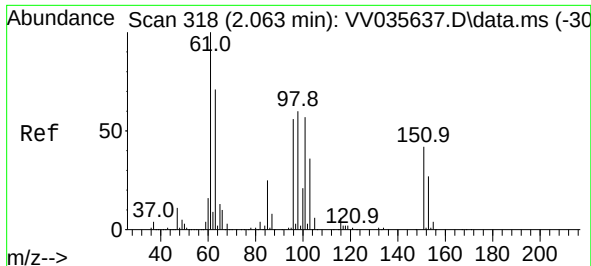
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035656.D
Acq On : 21 May 2024 22:09
Operator : SY/MD
Sample : P2547-16
Misc : 5.27g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 22 02:40:38 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: 0.387 ug/L

RT: 2.053 min Scan# 318

Delta R.T. -0.010 min

Lab File: VV035656.D

Acq: 21 May 2024 22:09

Instrument :

MSVOA_V

ClientSampleId :

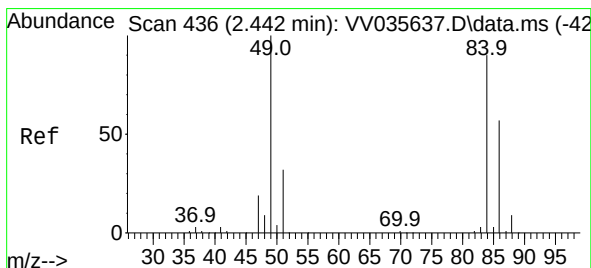
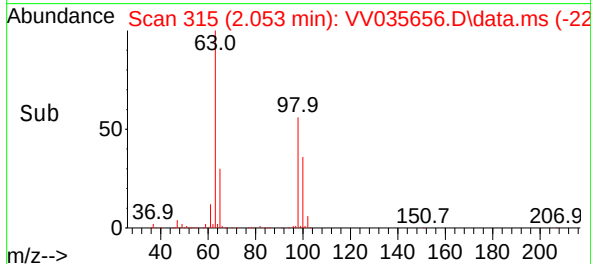
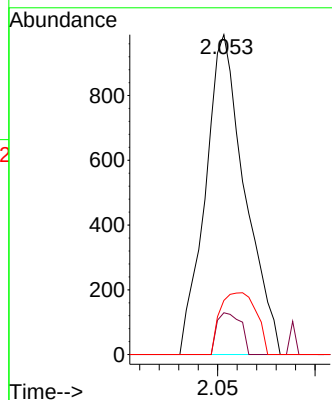
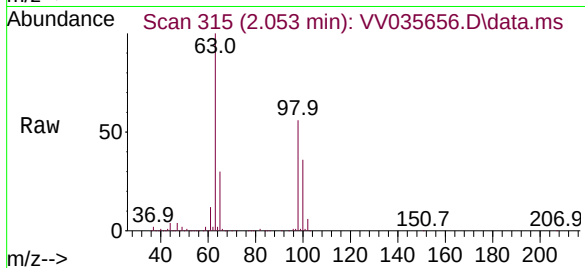
Tgt Ion:101 Resp: 1393

Ion Ratio Lower Upper

101 100

85 7.9 34.2 51.4#

151 17.5 59.5 89.3#



#16

Methylene chloride

Concen: 14.173 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV035656.D

Acq: 21 May 2024 22:09

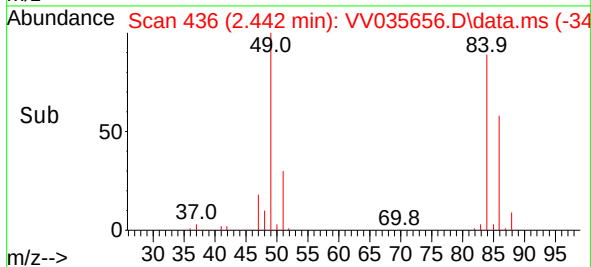
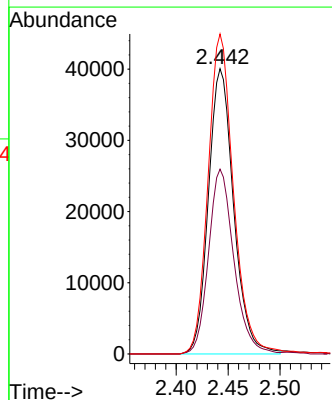
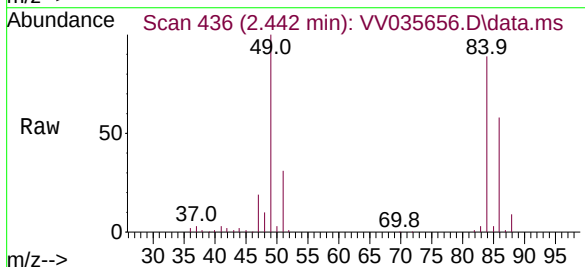
Tgt Ion: 84 Resp: 67753

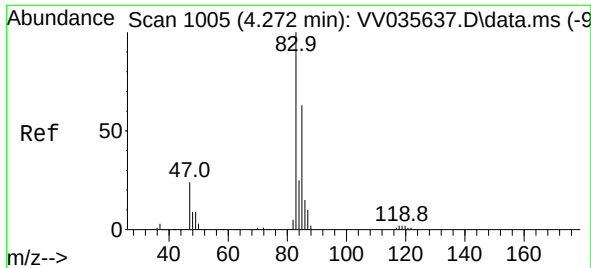
Ion Ratio Lower Upper

84 100

86 64.8 43.8 81.3

49 112.2 75.3 139.9





#25

Chloroform

Concen: 0.609 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV035656.D

Acq: 21 May 2024 22:09

Instrument :

MSVOA_V

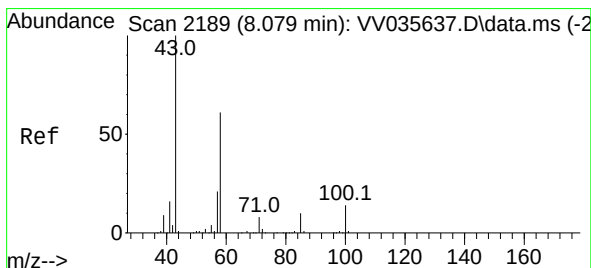
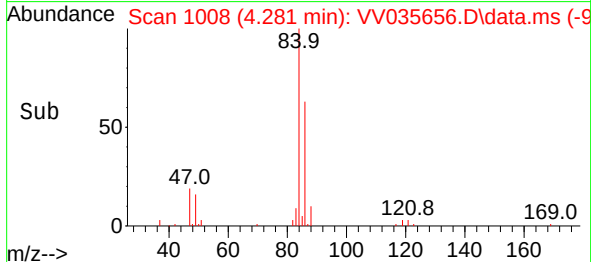
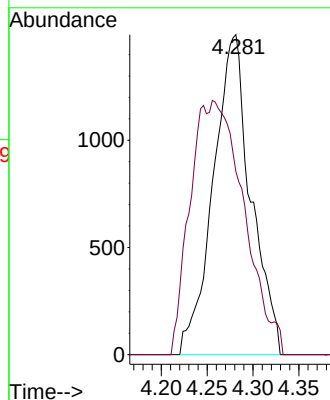
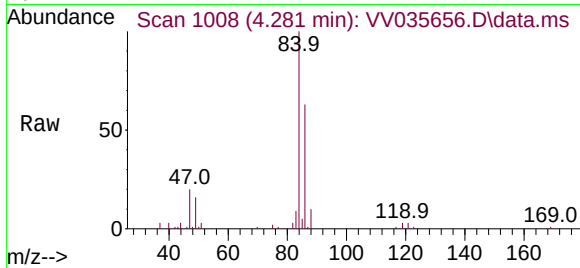
ClientSampleId :

Tgt Ion: 83 Resp: 4254

Ion Ratio Lower Upper

83 100

85 57.2 44.7 82.9



#48

2-Hexanone

Concen: 1.238 ug/L

RT: 8.043 min Scan# 2178

Delta R.T. -0.036 min

Lab File: VV035656.D

Acq: 21 May 2024 22:09

Tgt Ion: 43 Resp: 1618

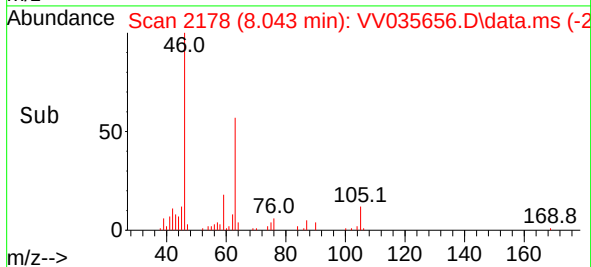
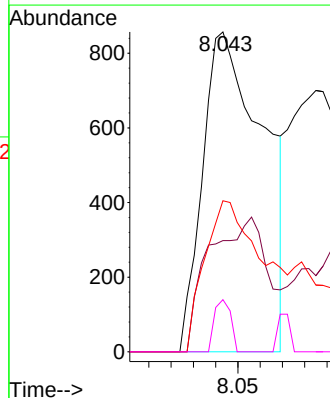
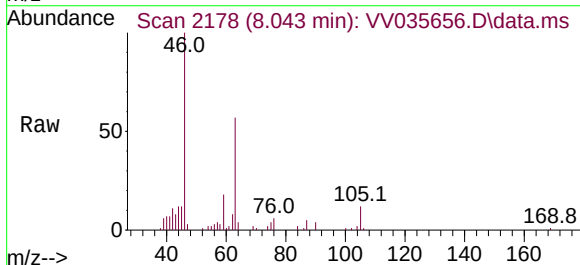
Ion Ratio Lower Upper

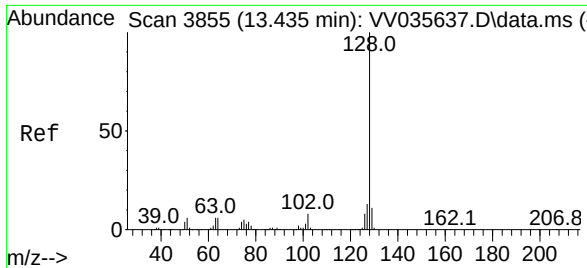
43 100

58 7.8 48.8 73.2#

57 38.8 16.9 25.3#

100 4.4 11.7 17.5#





#71

Naphthalene

Concen: 1.695 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

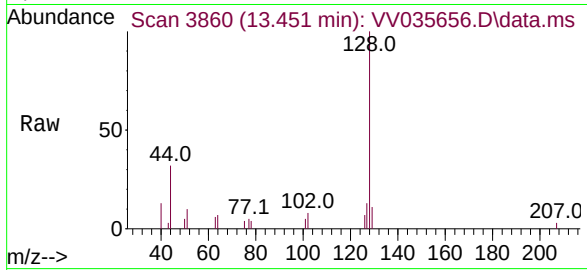
Lab File: VV035656.D

Acq: 21 May 2024 22:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 6096

Ion Ratio Lower Upper

128 100

127 11.7 10.4 15.6

129 7.7 8.6 13.0#

