

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035648.D
 Acq On : 21 May 2024 19:07
 Operator : SY/MD
 Sample : P2547-08
 Misc : 5.59g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:38:39 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)

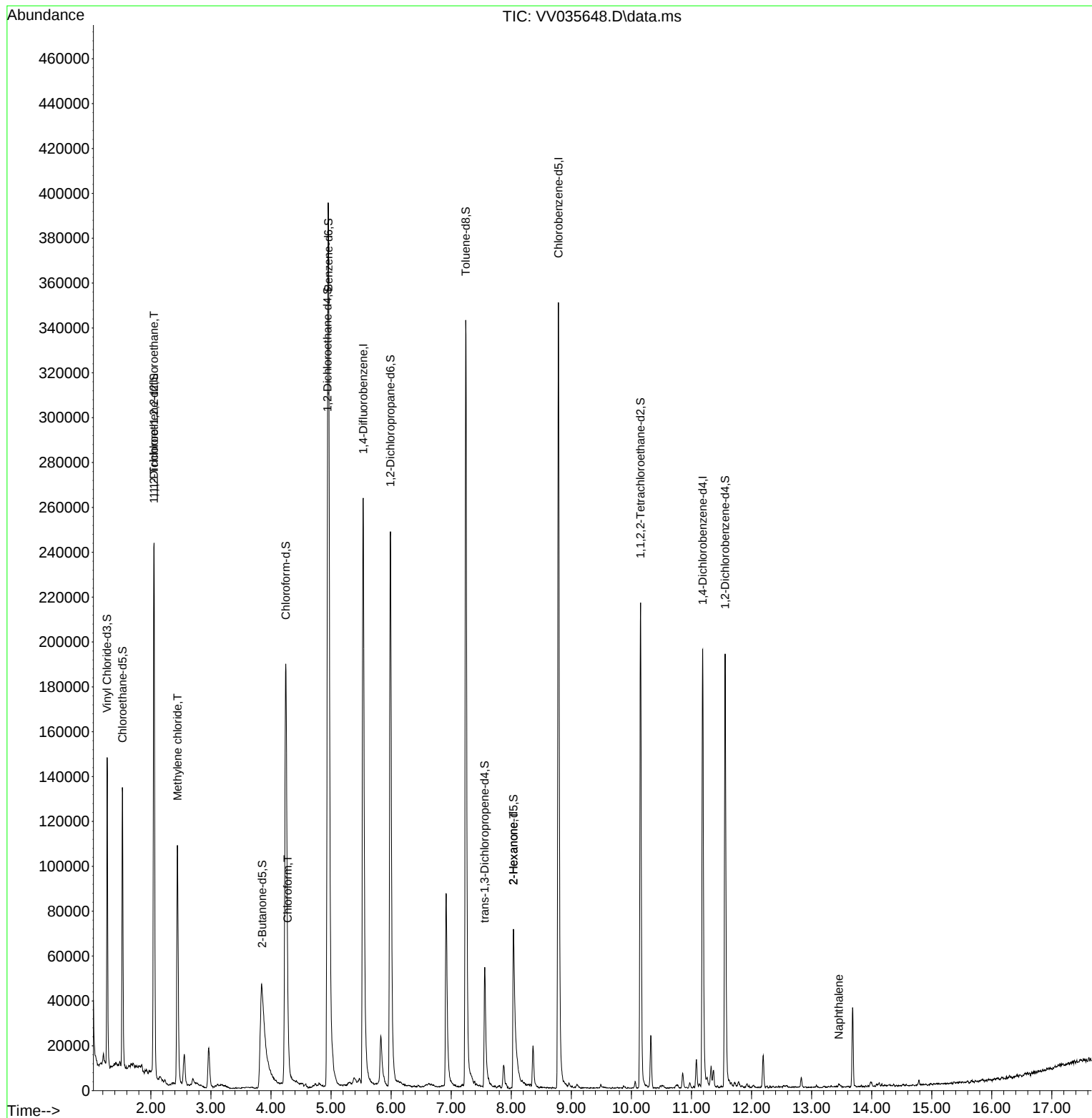
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	243884	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	210955	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	56653	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	91815	24.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.440%
7) Chloroethane-d5	1.526	69	85448	28.099	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.400%
11) 1,1-Dichloroethene-d2	2.053	65	41198	24.687	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.760%
21) 2-Butanone-d5	3.854	46	35056	32.770	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.540%
24) Chloroform-d	4.246	84	215516	29.724	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.880%
26) 1,2-Dichloroethane-d4	4.940	65	117248	32.711	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	130.840%#
32) Benzene-d6	4.956	84	355857	30.816	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.280%
36) 1,2-Dichloropropane-d6	5.989	67	132802	37.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.080%#
41) Toluene-d8	7.243	98	245294	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	7.558	79	38467	25.239	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.960%
47) 2-Hexanone-d5	8.037	63	27987	43.675	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.340%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	111526	32.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.920%#
66) 1,2-Dichlorobenzene-d4	11.561	152	52831	26.871	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	1656	0.391	ug/L #	34
16) Methylene chloride	2.442	84	47892	8.516	ug/L	93
25) Chloroform	4.278	83	4423	0.538	ug/L	79
48) 2-Hexanone	8.037	43	2985	1.825	ug/L #	66
71) Naphthalene	13.455	128	1569	0.346	ug/L #	76

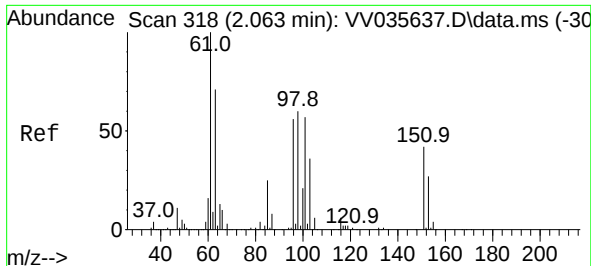
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 22 02:35:18 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.391 ug/L

RT: 2.050 min Scan# 318

Delta R.T. -0.013 min

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Acq: 21 May 2024 19:07

Instrument :

MSVOA_V

ClientSampleId :

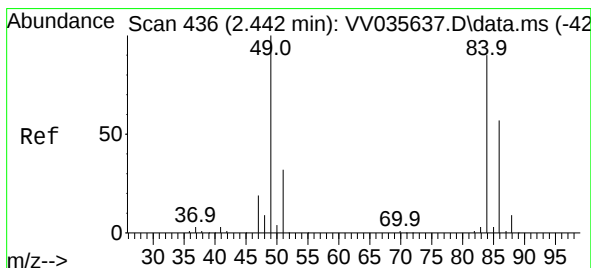
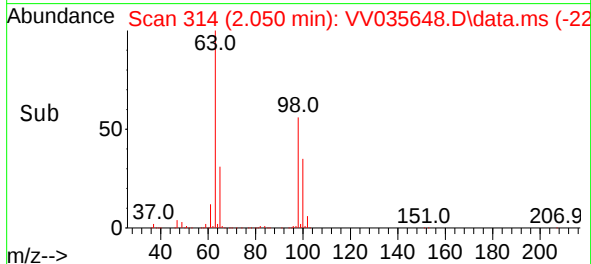
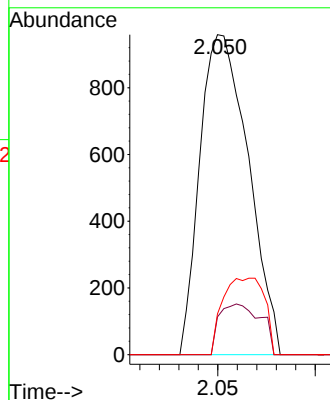
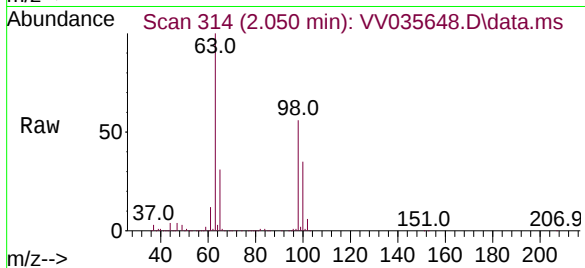
Tgt Ion:101 Resp: 1656

Ion Ratio Lower Upper

101 100

85 10.9 34.2 51.4#

151 11.1 59.5 89.3#



#16

Methylene chloride

Concen: 8.516 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV035648.D

Acq: 21 May 2024 19:07

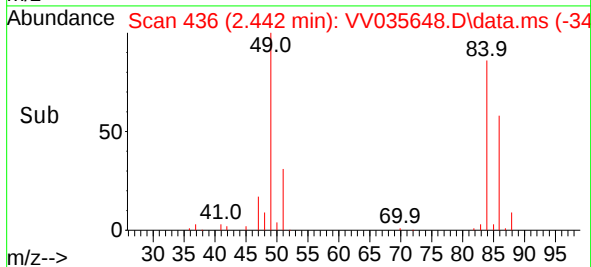
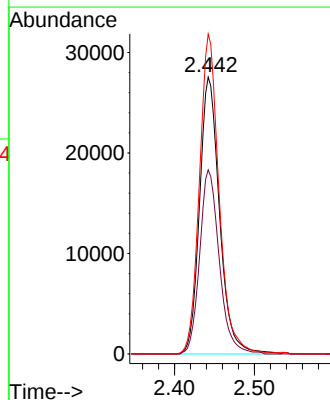
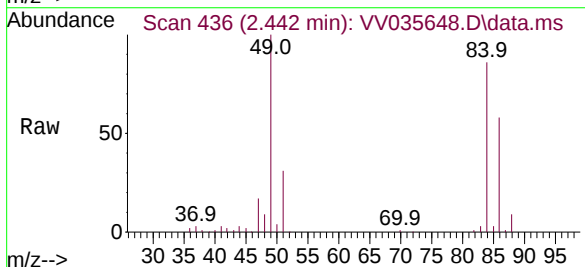
Tgt Ion: 84 Resp: 47892

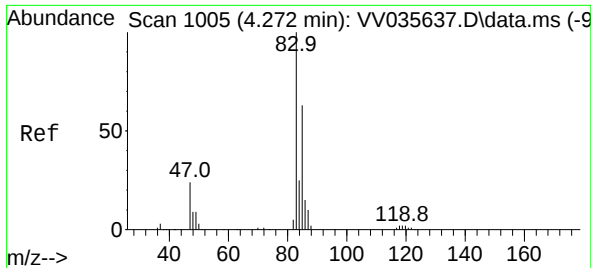
Ion Ratio Lower Upper

84 100

86 66.5 43.8 81.3

49 115.6 75.3 139.9





#25

Chloroform

Concen: 0.538 ug/L

RT: 4.278 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV035648.D

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Instrument :

MSVOA_V

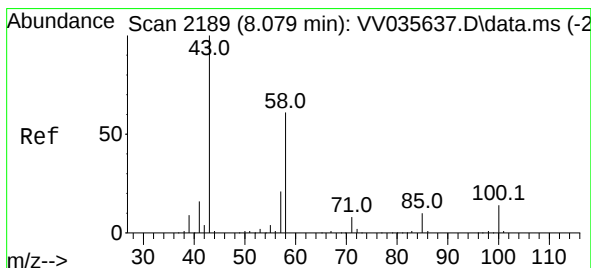
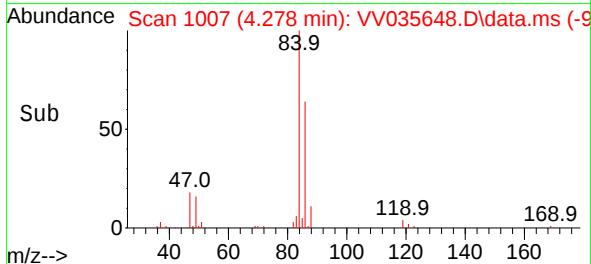
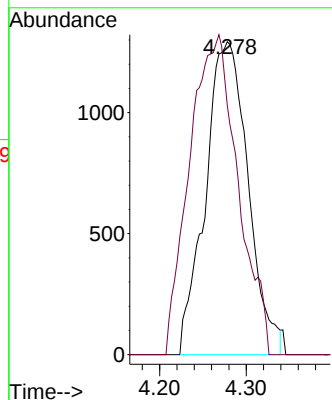
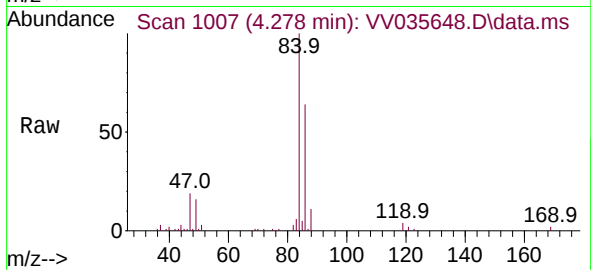
ClientSampleId :

Tgt Ion: 83 Resp: 4423

Ion Ratio Lower Upper

83 100

85 79.8 44.7 82.9



#48

2-Hexanone

Concen: 1.825 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.042 min

Lab File: VV035648.D

Acq: 21 May 2024 19:07

Tgt Ion: 43 Resp: 2985

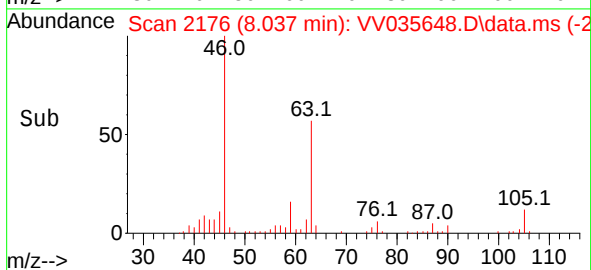
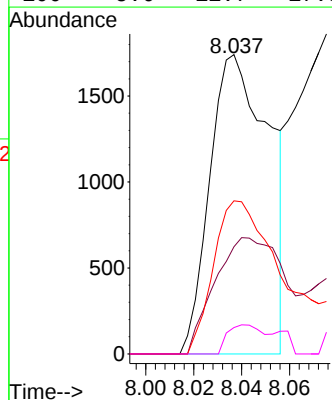
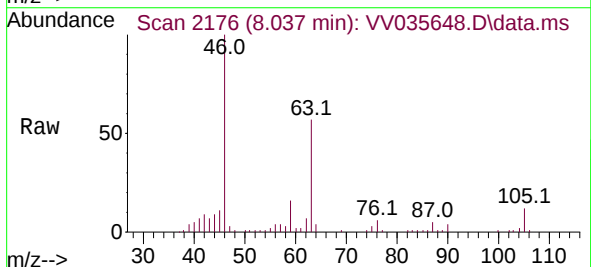
Ion Ratio Lower Upper

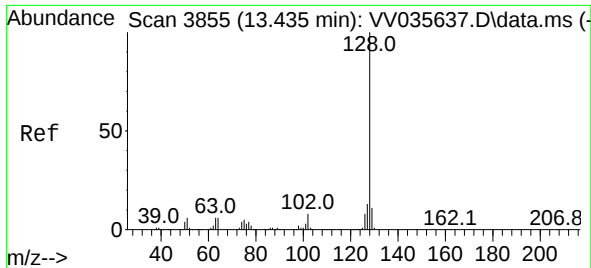
43 100

58 44.7 48.8 73.2#

57 58.2 16.9 25.3#

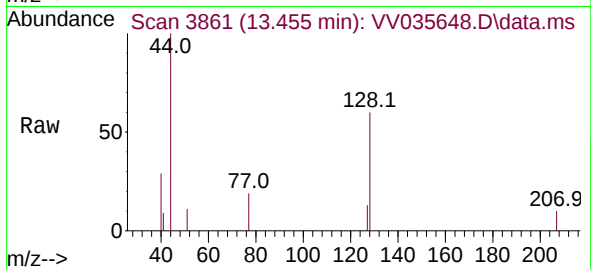
100 5.6 11.7 17.5#





#71
Naphthalene
Concen: 0.346 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.019 min
Lab File: VV035648.D
Acq: 21 May 2024 19:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1569
Ion Ratio Lower Upper
128 100
127 5.2 10.4 15.6#
129 0.0 8.6 13.0#

