

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035654.D
 Acq On : 21 May 2024 21:24
 Operator : SY/MD
 Sample : P2547-18
 Misc : 4.86g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:40:06 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)

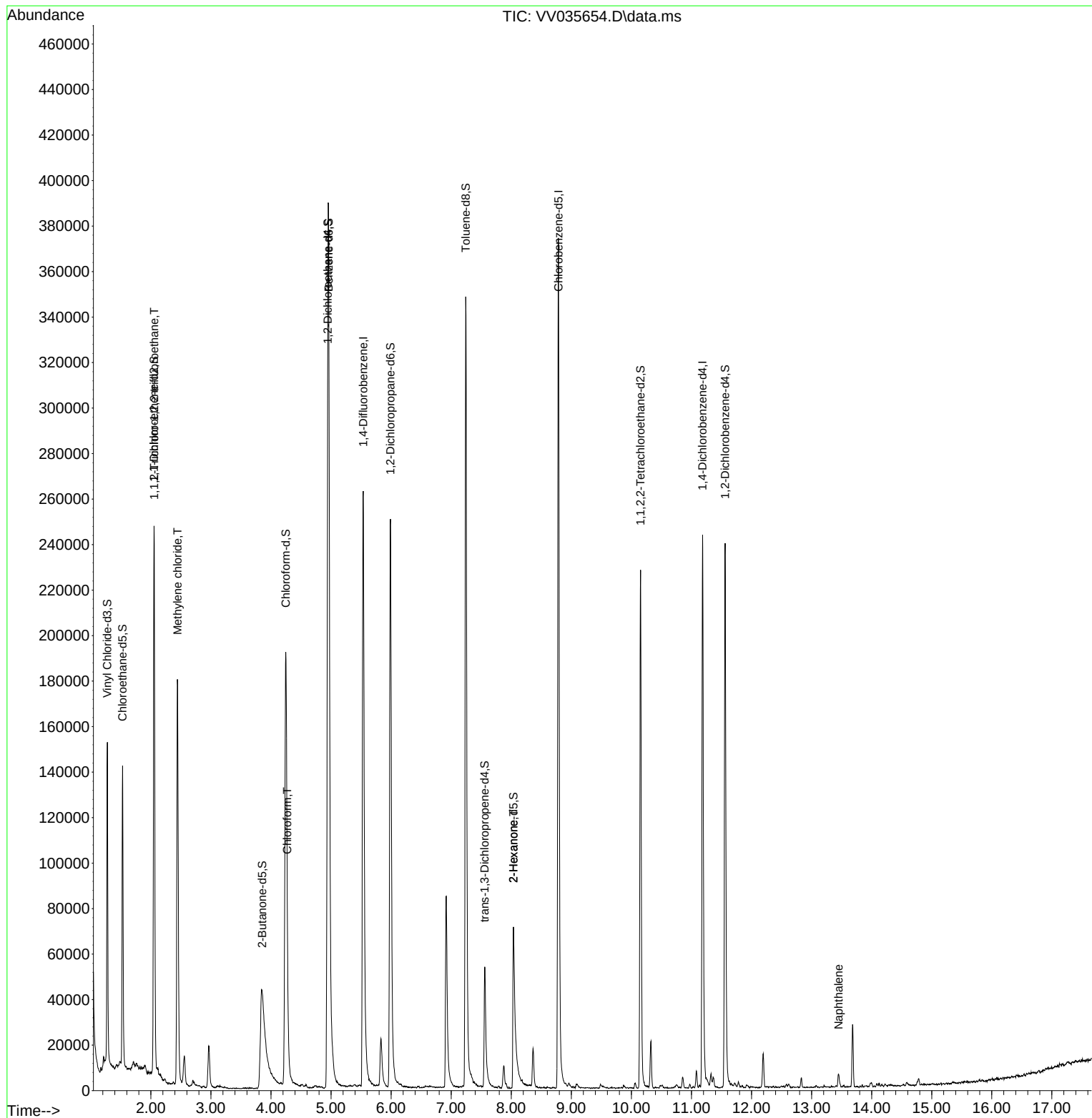
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	242233	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	222129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	91536	24.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.800%
7) Chloroethane-d5	1.529	69	86184	28.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.120%
11) 1,1-Dichloroethene-d2	2.053	65	41164	24.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.320%
21) 2-Butanone-d5	3.854	46	29608	27.866	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.740%
24) Chloroform-d	4.246	84	216250	30.029	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.120%
26) 1,2-Dichloroethane-d4	4.944	65	111801	31.404	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.600%
32) Benzene-d6	4.960	84	356654	29.332	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.320%
36) 1,2-Dichloropropane-d6	5.989	67	134140	35.748	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.000%#
41) Toluene-d8	7.243	98	250045	23.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	7.558	79	37750	23.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.080%
47) 2-Hexanone-d5	8.037	63	28450	42.164	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.320%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	114393	31.636	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.560%#
66) 1,2-Dichlorobenzene-d4	11.561	152	66783	28.804	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1697	0.403	ug/L #	49
16) Methylene chloride	2.442	84	79532	14.238	ug/L	94
25) Chloroform	4.272	83	4227	0.518	ug/L	83
48) 2-Hexanone	8.037	43	2564	1.489	ug/L #	70
71) Naphthalene	13.448	128	5791	1.082	ug/L #	89

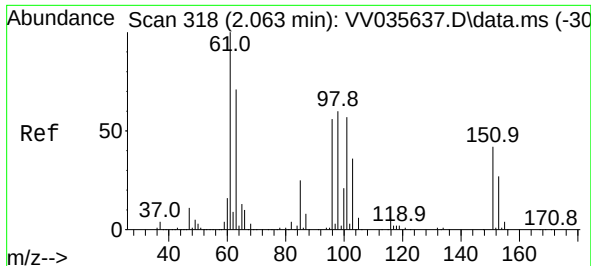
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#10

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

Concen: 0.403 ug/L

RT: 2.056 min Scan# 318

Delta R.T. -0.007 min

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MSVOA_V

ClientSampleId :

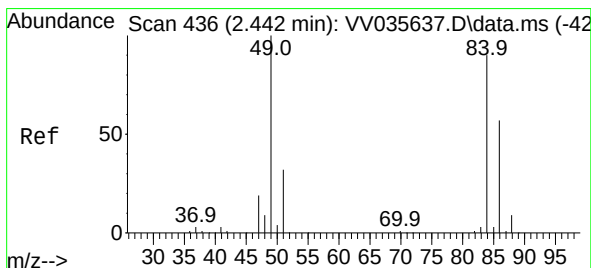
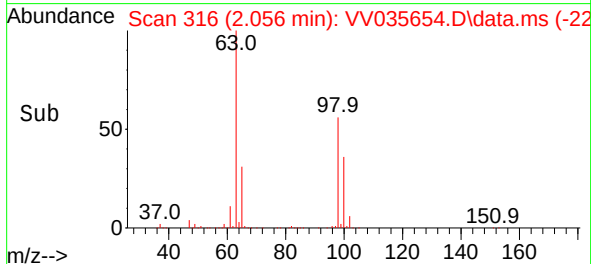
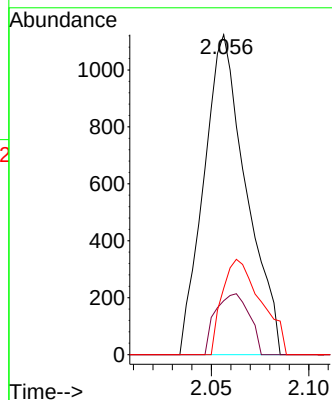
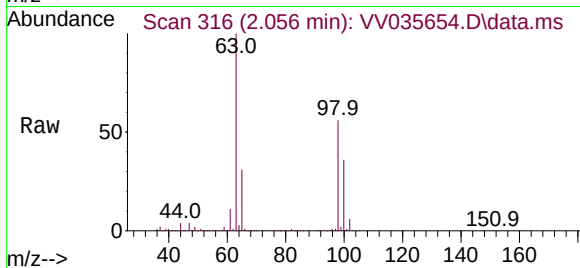
Tgt Ion:101 Resp: 1697

Ion Ratio Lower Upper

101 100

85 15.2 34.2 51.4#

151 27.4 59.5 89.3#



#16

Methylene chloride

Concen: 14.238 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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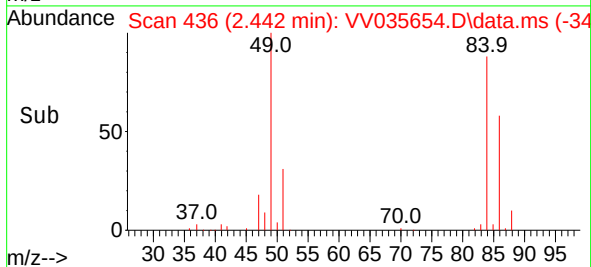
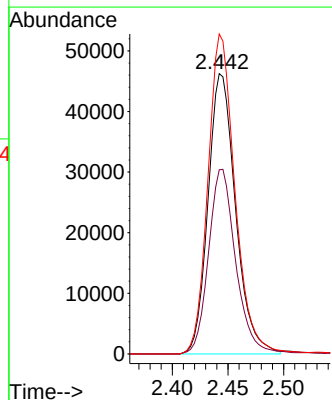
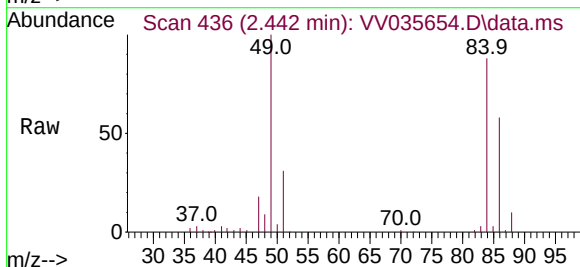
Tgt Ion: 84 Resp: 79532

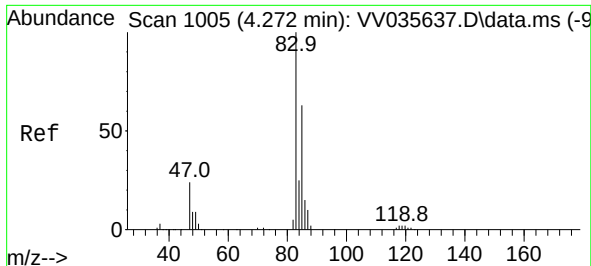
Ion Ratio Lower Upper

84 100

86 65.7 43.8 81.3

49 114.1 75.3 139.9





#25

Chloroform

Concen: 0.518 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

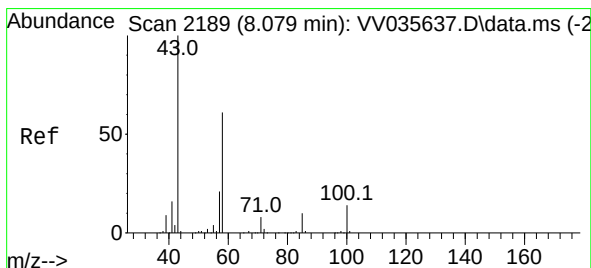
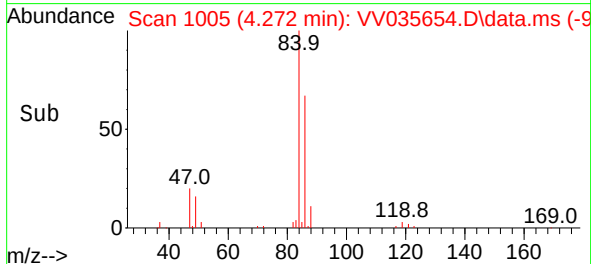
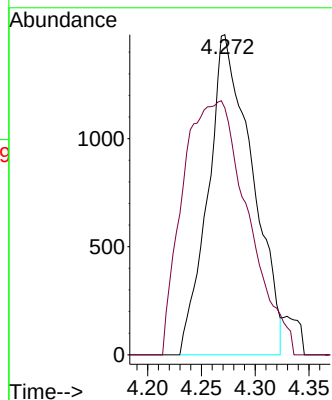
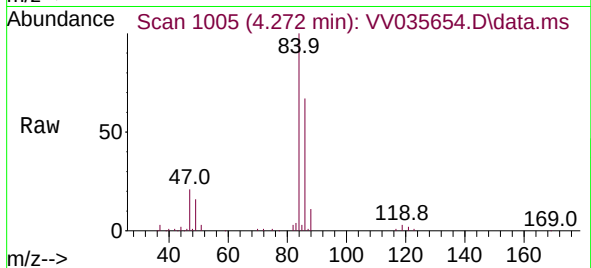
ClientSampleId :

Tgt Ion: 83 Resp: 4227

Ion Ratio Lower Upper

83 100

85 77.1 44.7 82.9



#48

2-Hexanone

Concen: 1.489 ug/L

RT: 8.037 min Scan# 2176

Delta R.T. -0.042 min

Lab File: VV035654.D

Acq: 21 May 2024 21:24

Tgt Ion: 43 Resp: 2564

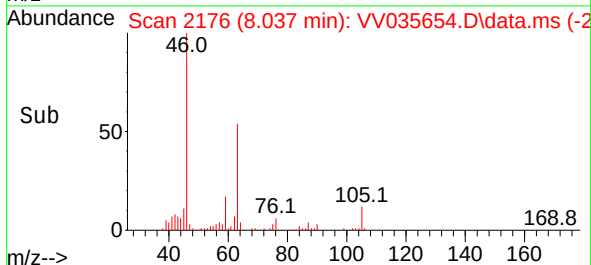
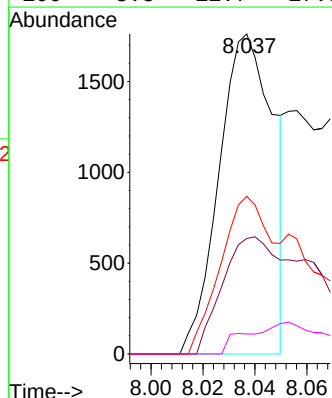
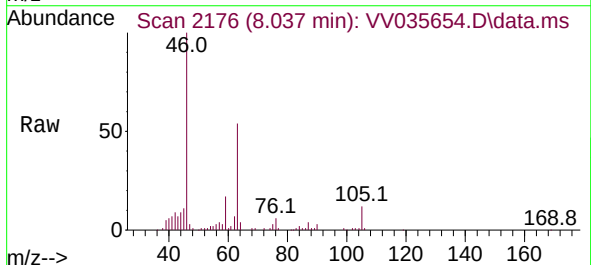
Ion Ratio Lower Upper

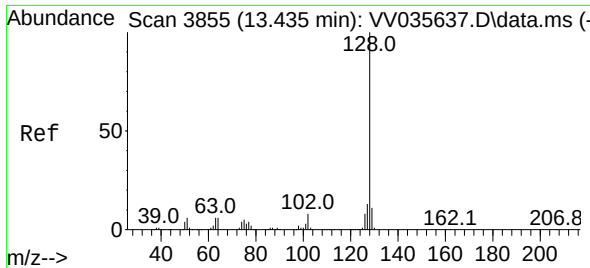
43 100

58 44.0 48.8 73.2#

57 47.6 16.9 25.3#

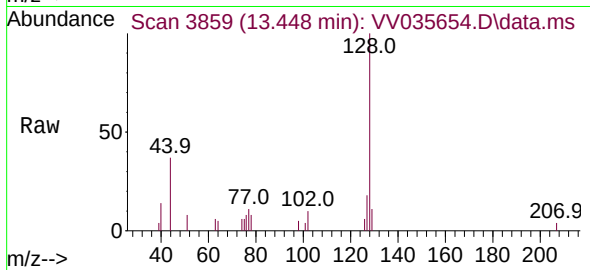
100 3.3 11.7 17.5#





#71
 Naphthalene
 Concen: 1.082 ug/L
 RT: 13.448 min Scan# 3859
 Delta R.T. 0.013 min
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 Acq: 21 May 2024 21:24

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	5791
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.4	15.6
129	4.5	8.6	13.0#

