

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035754.D
 Acq On : 24 May 2024 18:03
 Operator : SY/MD
 Sample : P2577-11
 Misc : 5.37g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 24 23:49:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

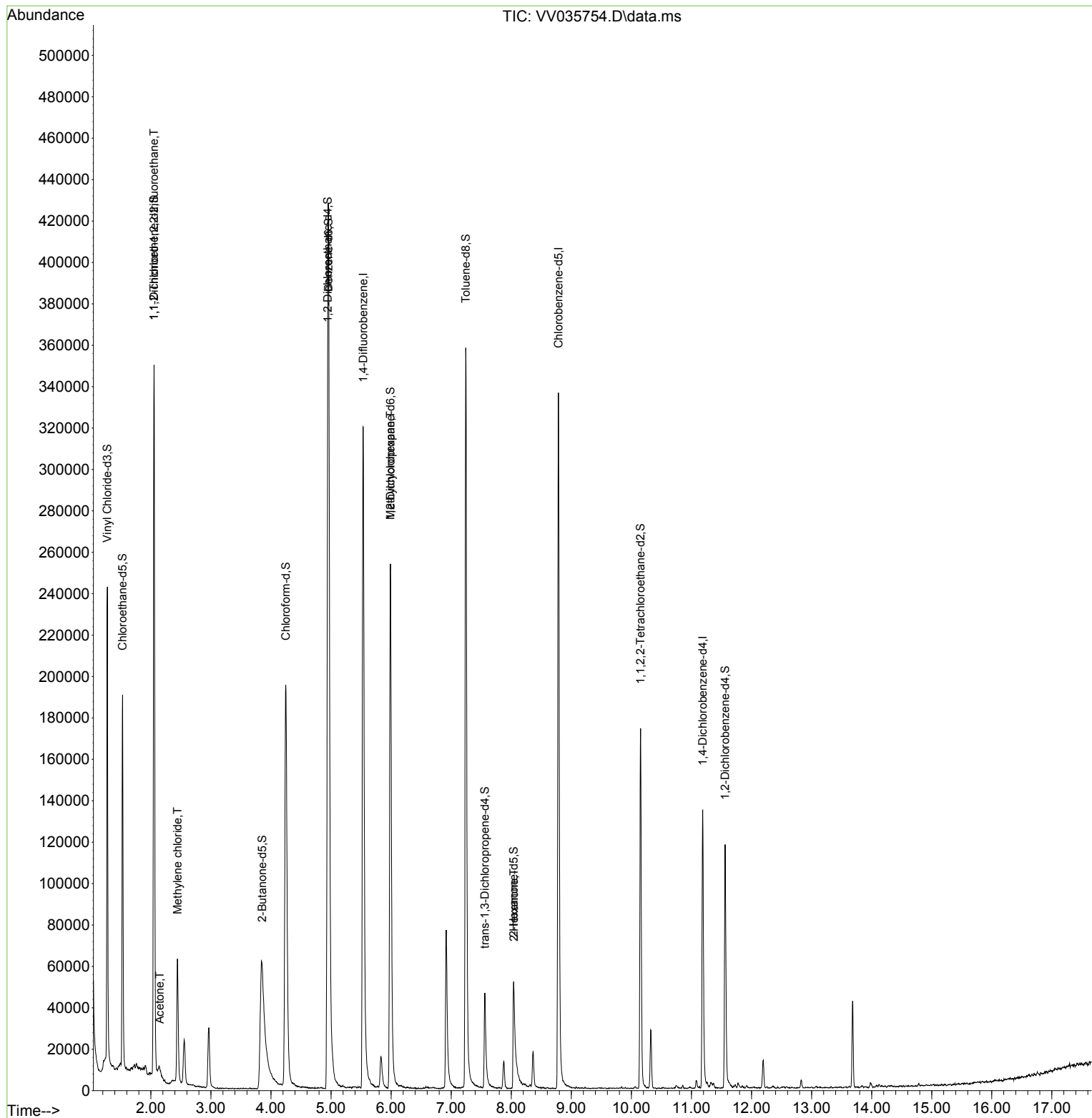
Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	288508	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	201127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	39196	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.275	65	149748	33.581	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	134.320%	
7) Chloroethane-d5		1.529	69	118119	32.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.320%	
11) 1,1-Dichloroethene-d2		2.053	65	59179	29.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	119.920%#	
21) 2-Butanone-d5		3.854	46	43188	34.127	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.260%	
24) Chloroform-d		4.246	84	222979	25.997	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4		4.944	65	120411	28.397	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.600%	
32) Benzene-d6		4.957	84	396318	35.997	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.000%#	
36) 1,2-Dichloropropane-d6		5.989	67	132338	38.950	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	155.800%#	
41) Toluene-d8		7.243	98	258924	26.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.680%	
43) trans-1,3-Dichloroprop...		7.561	79	31804	21.887	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.560%	
47) 2-Hexanone-d5		8.040	63	19216	31.453	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.900%	
56) 1,1,2,2-Tetrachloroeth...		10.153	84	88758	27.110	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.440%	
66) 1,2-Dichlorobenzene-d4		11.561	152	32938	24.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%	
Target Compounds						Qvalue	
10) 1,1,2-Trichloro-1,2,2-...		2.053	101	1917	0.383	ug/L #	20
13) Acetone		2.147	43	10086	5.445	ug/L	73
16) Methylene chloride		2.442	84	26423	3.972	ug/L	96
35) Methylcyclohexane		5.989	83	33015	5.775	ug/L #	21
48) 2-Hexanone		8.043	43	2463	1.579	ug/L #	77

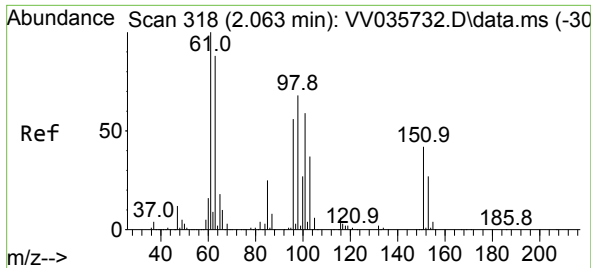
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration

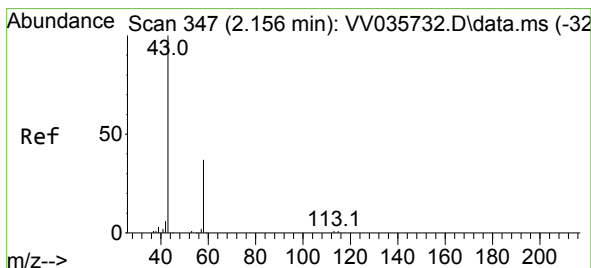
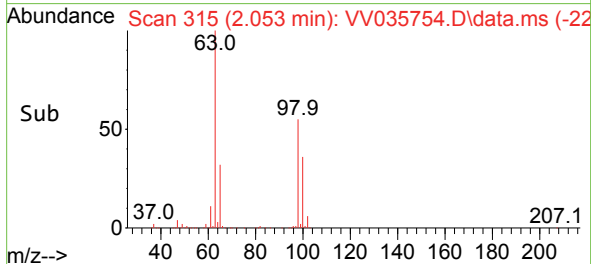
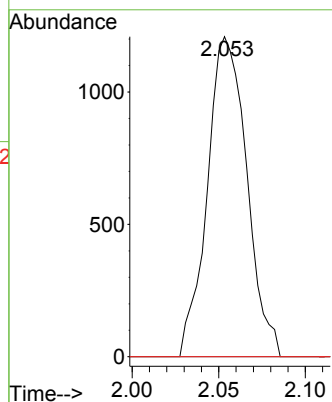
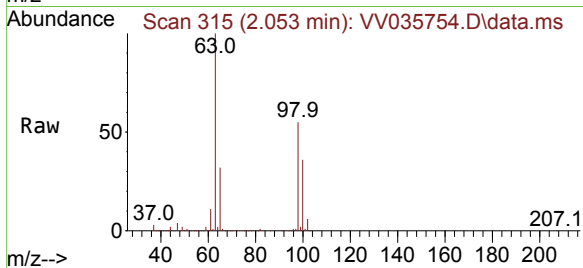




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.383 ug/L
RT: 2.053 min Scan# 318
Delta R.T. -0.009 min
Lab File: VV035754.D
Acq: 24 May 2024 18:03

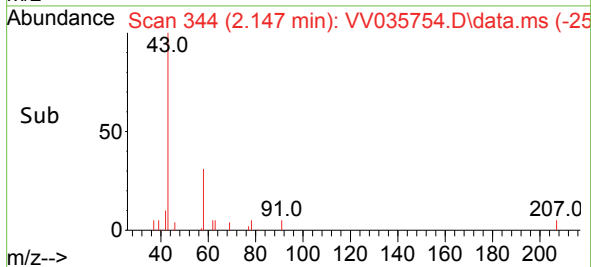
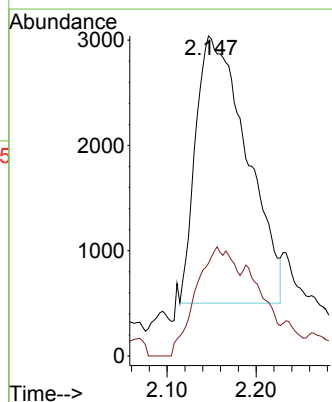
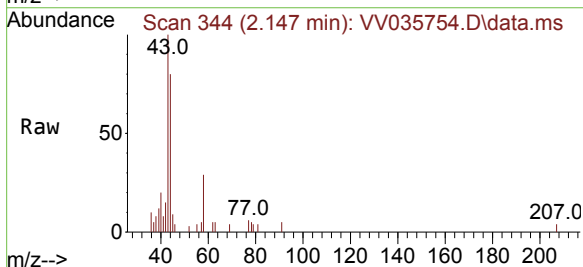
Instrument :
MSVOA_V
ClientSampleId :

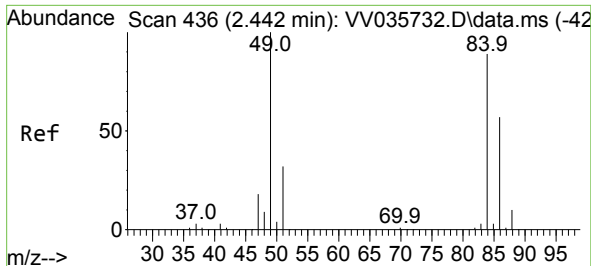
Tgt Ion:101 Resp: 1917
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 0.0 59.5 89.3#



#13
Acetone
Concen: 5.445 ug/L
RT: 2.147 min Scan# 344
Delta R.T. -0.009 min
Lab File: VV035754.D
Acq: 24 May 2024 18:03

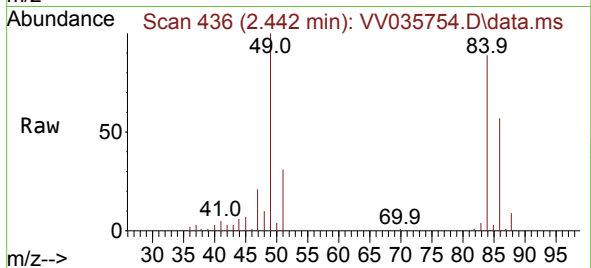
Tgt Ion: 43 Resp: 10086
Ion Ratio Lower Upper
43 100
58 21.6 0.0 22.8



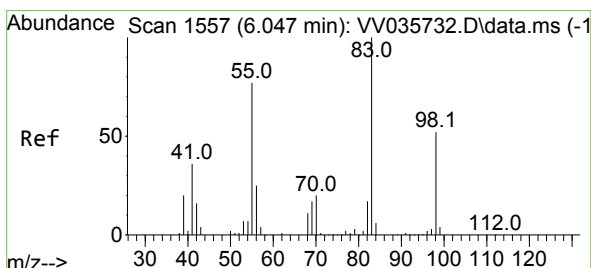
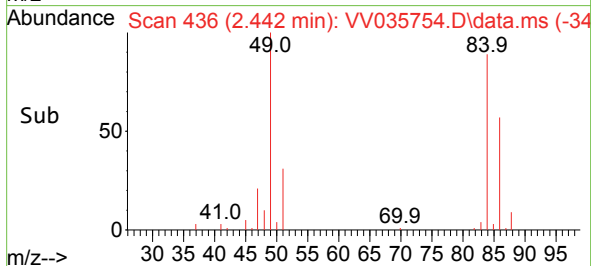
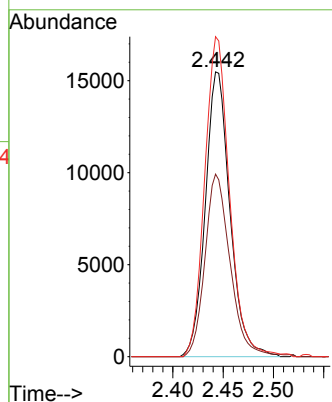


#16
Methylene chloride
Concen: 3.972 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035754.D
Acq: 24 May 2024 18:03

Instrument :
MSVOA_V
ClientSampleId :

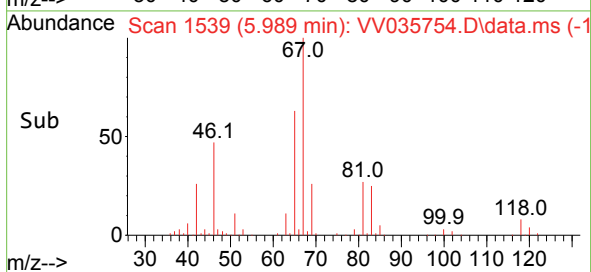
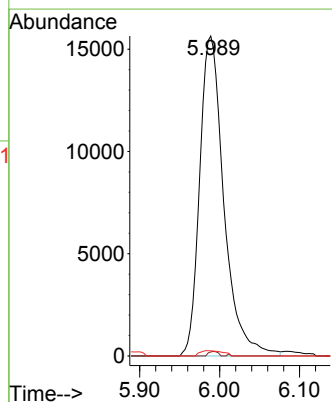
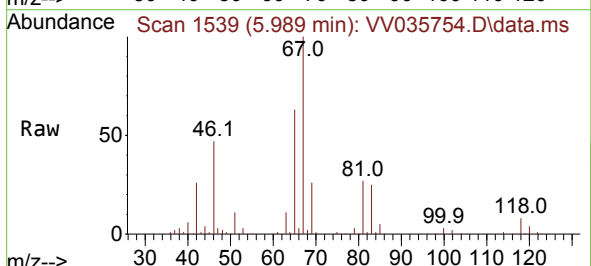


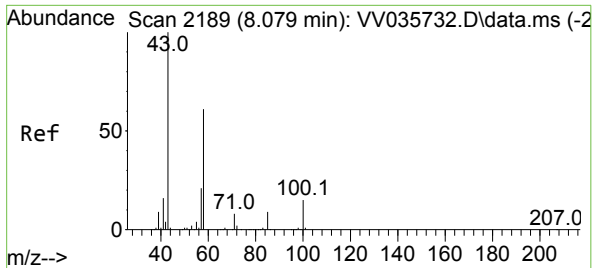
Tgt Ion: 84 Resp: 26423
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.3
49 112.4 75.3 139.9



#35
Methylcyclohexane
Concen: 5.775 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035754.D
Acq: 24 May 2024 18:03

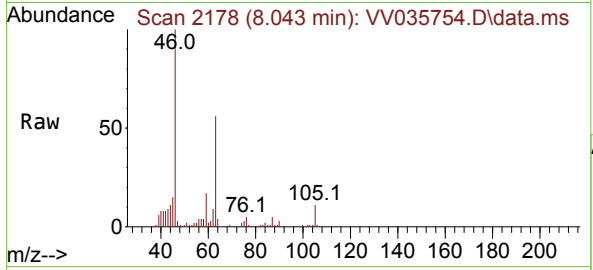
Tgt Ion: 83 Resp: 33015
Ion Ratio Lower Upper
83 100
55 0.5 57.5 86.3#
98 1.5 38.6 58.0#





#48
 2-Hexanone
 Concen: 1.579 ug/L
 RT: 8.043 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: VV035754.D
 Acq: 24 May 2024 18:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp:	2463
Ion	Ratio	Lower Upper
43	100	
58	48.2	48.8 73.2#
57	40.2	16.9 25.3#
100	4.0	11.7 17.5#

