

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035652.D
 Acq On : 21 May 2024 20:38
 Operator : SY/MD
 Sample : P2547-22
 Misc : 7.47g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 02:39:38 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)

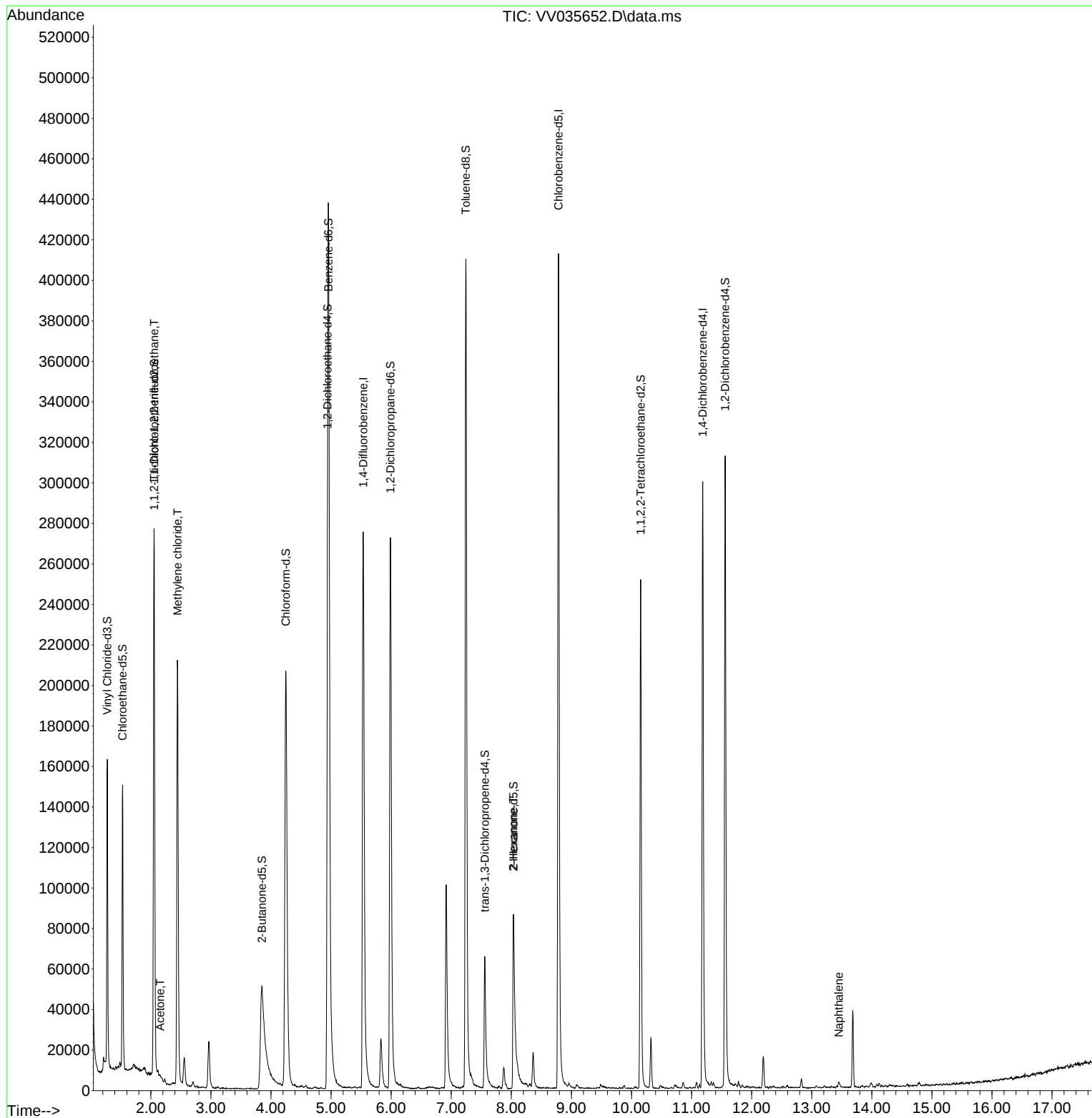
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	256218	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	248470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81662	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	97091	24.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
7) Chloroethane-d5	1.529	69	91609	28.674	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.680%
11) 1,1-Dichloroethene-d2	2.053	65	46200	26.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.400%
21) 2-Butanone-d5	3.851	46	52320	46.554	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.100%
24) Chloroform-d	4.246	84	235044	30.857	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.440%
26) 1,2-Dichloroethane-d4	4.941	65	125042	33.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.840%#
32) Benzene-d6	4.957	84	397363	29.215	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.880%
36) 1,2-Dichloropropane-d6	5.989	67	142183	33.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.480%#
41) Toluene-d8	7.243	98	295705	24.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	7.558	79	44741	24.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.680%
47) 2-Hexanone-d5	8.034	63	35621	47.195	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	125285	30.975	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.920%#
66) 1,2-Dichlorobenzene-d4	11.561	152	84874	29.948	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1739	0.391	ug/L #	45
13) Acetone	2.153	43	4519	2.747	ug/L #	59
16) Methylene chloride	2.442	84	93782	15.873	ug/L	97
48) 2-Hexanone	8.037	43	2937	1.524	ug/L #	67
71) Naphthalene	13.451	128	3289	0.503	ug/L #	92

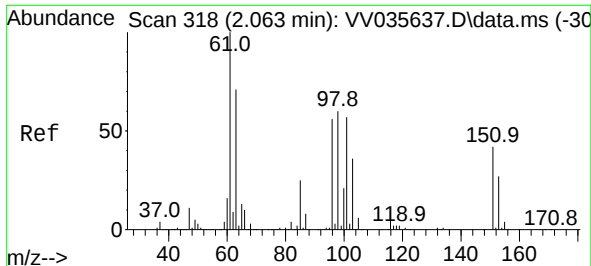
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

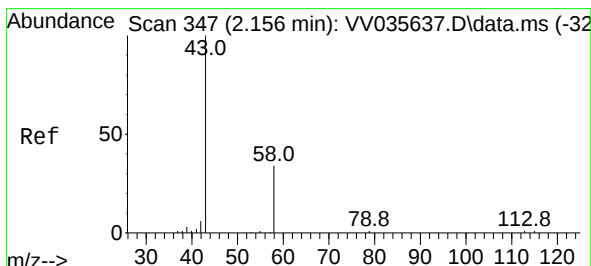
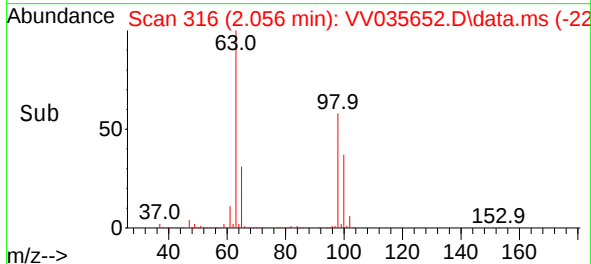
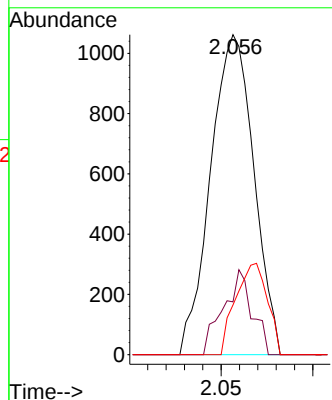
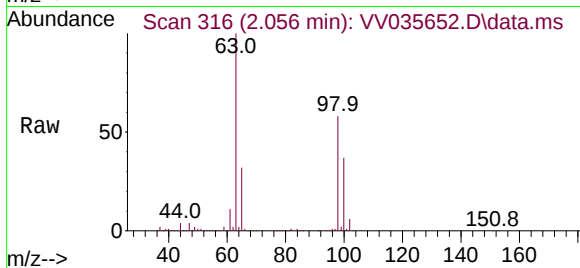




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.391 ug/L
 RT: 2.056 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV035652.D
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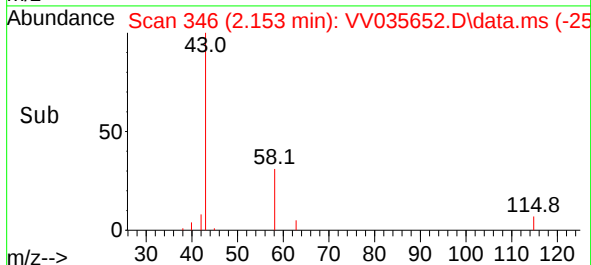
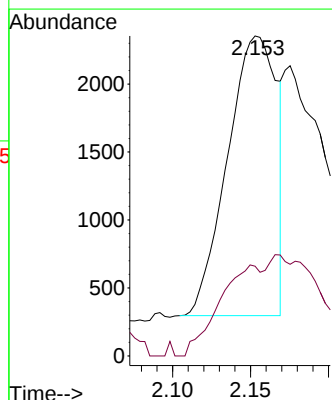
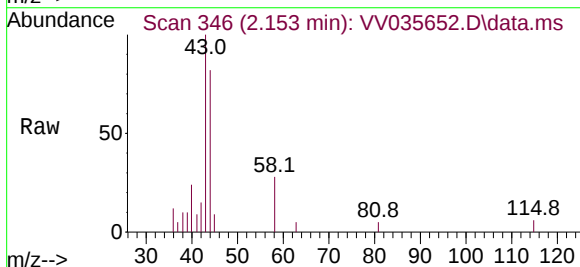
Instrument :
 MSVOA_V
 ClientSampleId :

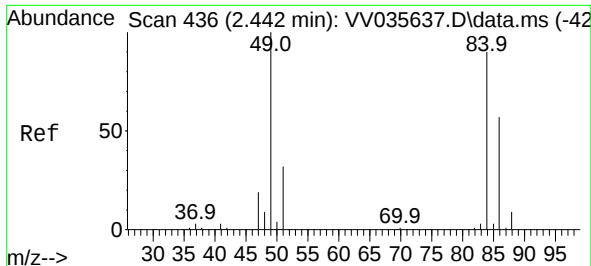
Tgt Ion:101 Resp: 1739
 Ion Ratio Lower Upper
 101 100
 85 16.3 34.2 51.4#
 151 20.9 59.5 89.3#



#13
 Acetone
 Concen: 2.747 ug/L
 RT: 2.153 min Scan# 346
 Delta R.T. -0.003 min
 Lab File: VV035652.D
 Acq: 21 May 2024 20:38

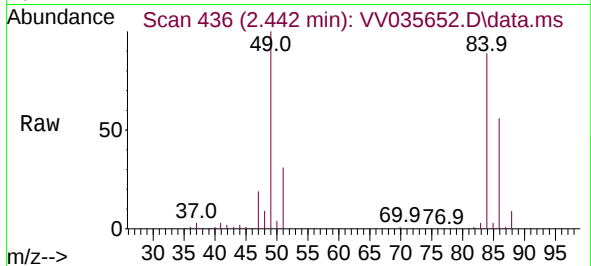
Tgt Ion: 43 Resp: 4519
 Ion Ratio Lower Upper
 43 100
 58 27.0 0.0 22.8#



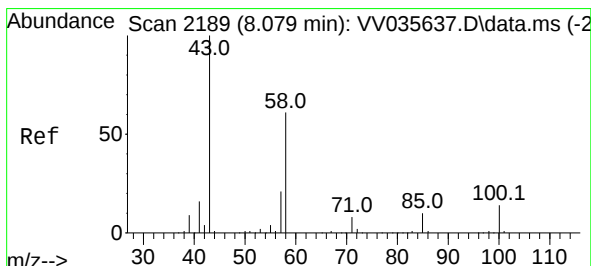
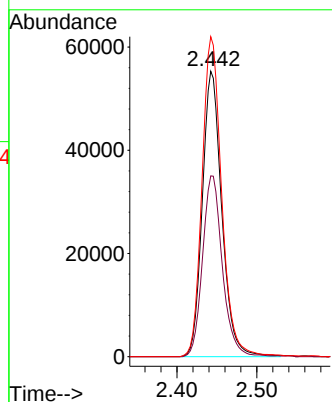


#16
Methylene chloride
Concen: 15.873 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV035652.D
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ClientSampleId :

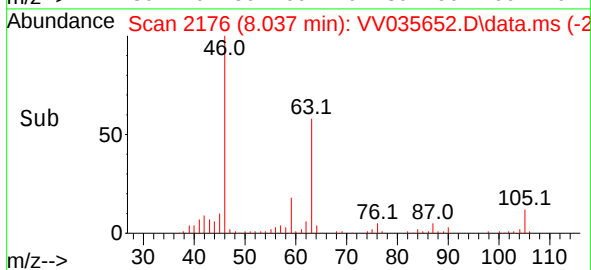
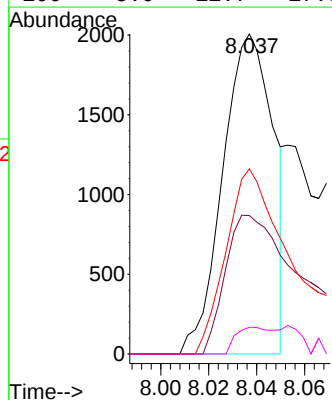
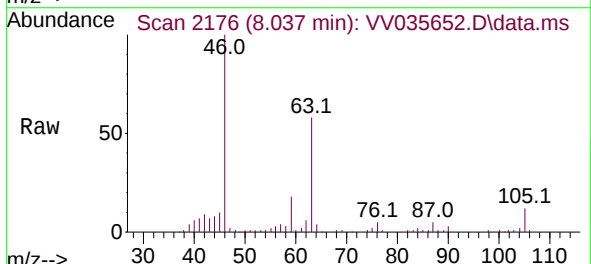


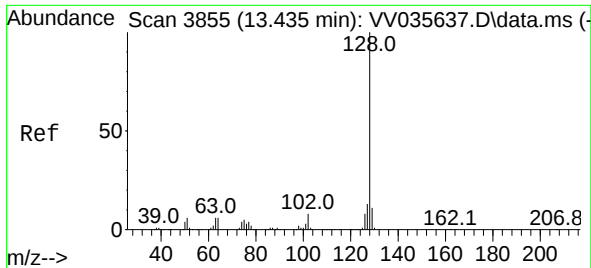
Tgt Ion:	84	Resp:	93782
Ion	Ratio	Lower	Upper
84	100		
86	63.3	43.8	81.3
49	112.1	75.3	139.9



#48
2-Hexanone
Concen: 1.524 ug/L
RT: 8.037 min Scan# 2176
Delta R.T. -0.042 min
Lab File: VV035652.D
Acq: 21 May 2024 20:38

Tgt Ion:	43	Resp:	2937
Ion	Ratio	Lower	Upper
43	100		
58	65.1	48.8	73.2
57	77.1	16.9	25.3#
100	5.9	11.7	17.5#





#71

Naphthalene

Concen: 0.503 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.016 min

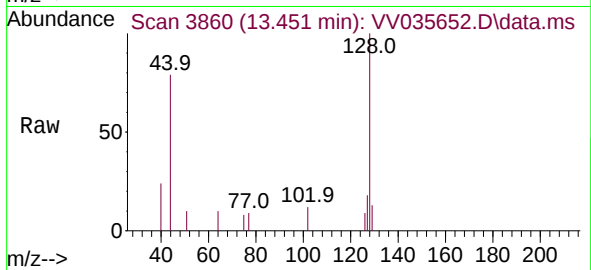
Lab File: VV035652.D

Acq: 21 May 2024 20:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 3289

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 5.1 8.6 13.0#

