

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035683.D
 Acq On : 22 May 2024 18:09
 Operator : SY/MD
 Sample : P2547-14
 Misc : 6.29g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 02:26:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 23 02:17:29 2024
 Response via : Initial Calibration

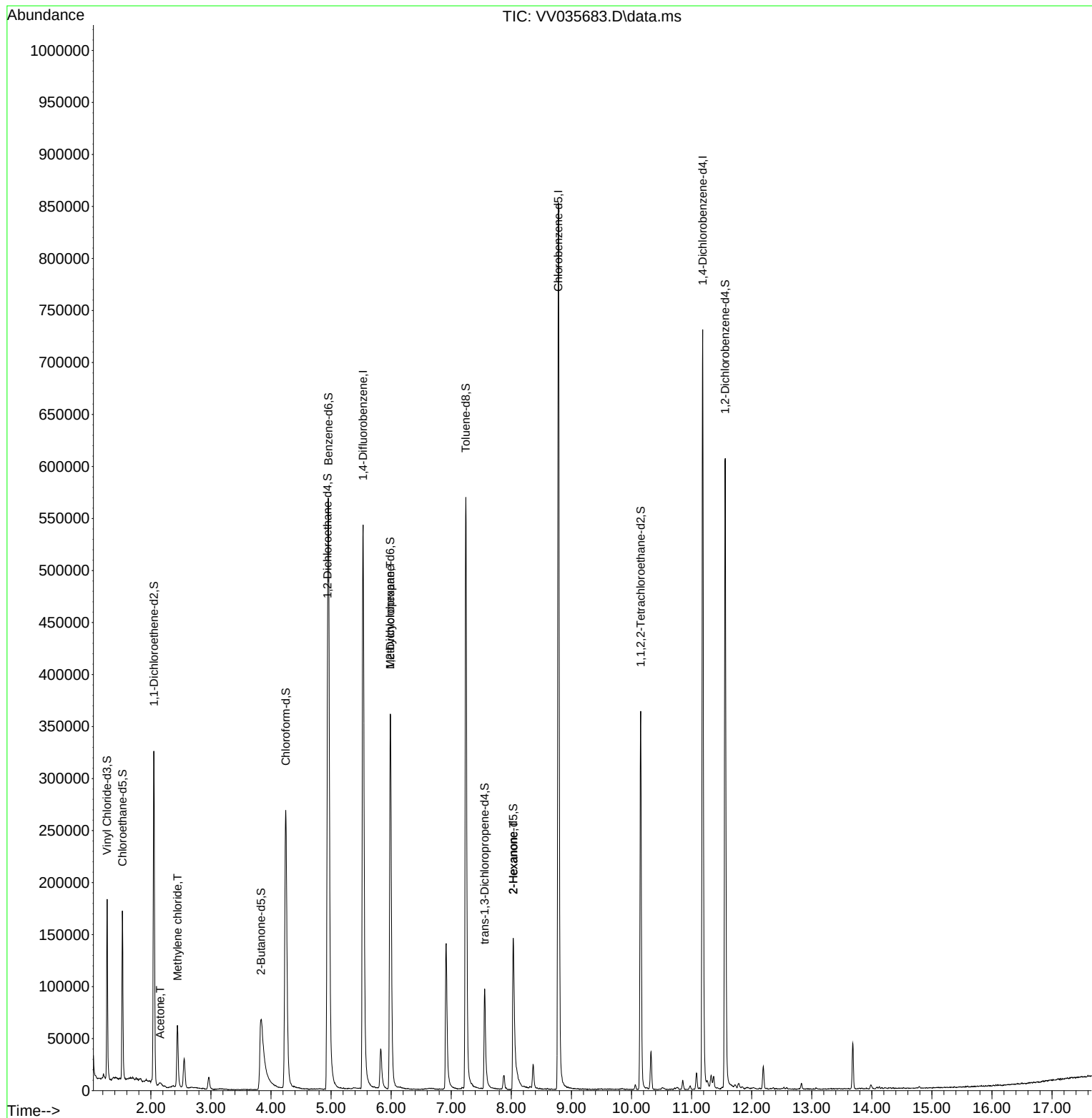
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	489060	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	494709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	194886	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	116238	15.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.520%
7) Chloroethane-d5	1.526	69	110624	18.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.560%
11) 1,1-Dichloroethene-d2	2.050	65	56015	16.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	3.834	46	85928	40.056	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.120%
24) Chloroform-d	4.246	84	303441	20.870	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.480%
26) 1,2-Dichloroethane-d4	4.941	65	170178	23.676	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	4.957	84	513996	18.980	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.920%
36) 1,2-Dichloropropane-d6	5.985	67	188666	22.575	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	7.243	98	404883	16.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.200%
43) trans-1,3-Dichloroprop...	7.555	79	65625	18.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.440%
47) 2-Hexanone-d5	8.030	63	59188	39.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	180829	22.455	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	163156	24.123	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.480%
Target Compounds						
13) Acetone	2.156	43	8699	2.770	ug/L	89
16) Methylene chloride	2.442	84	27276	2.419	ug/L	97
35) Methylcyclohexane	5.985	83	45155	3.211	ug/L #	22
48) 2-Hexanone	8.034	43	6593	1.719	ug/L #	62

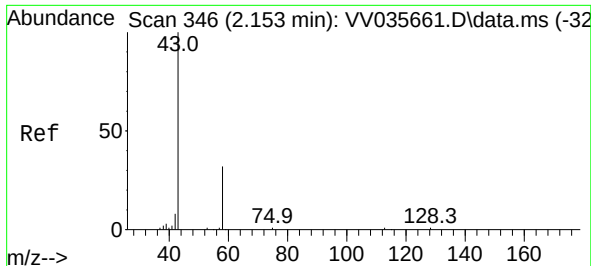
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.770 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

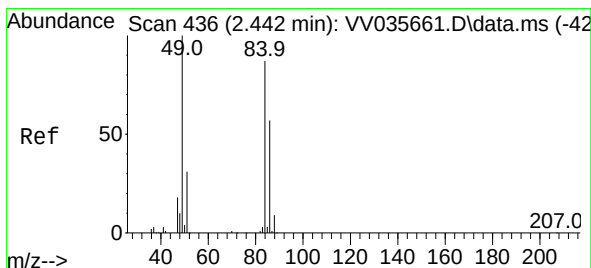
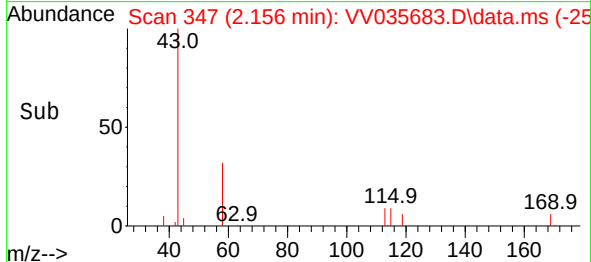
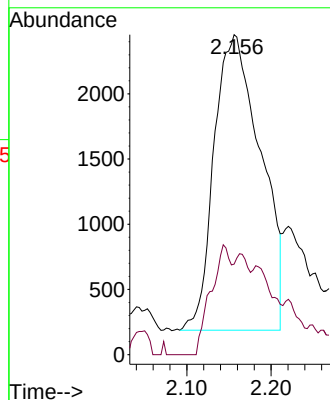
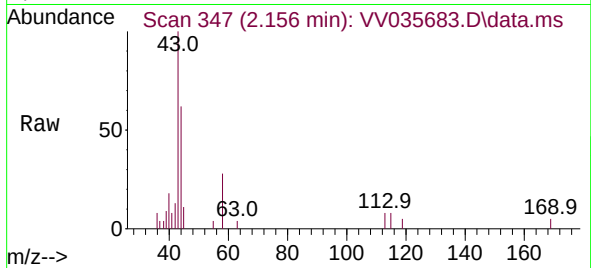
ClientSampleId :

Tgt Ion: 43 Resp: 8699

Ion Ratio Lower Upper

43 100

58 15.8 0.0 22.8



#16

Methylene chloride

Concen: 2.419 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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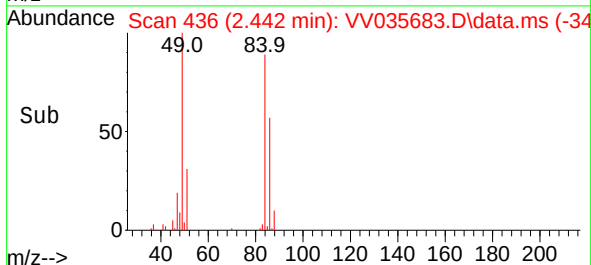
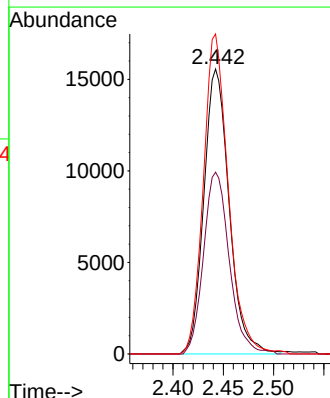
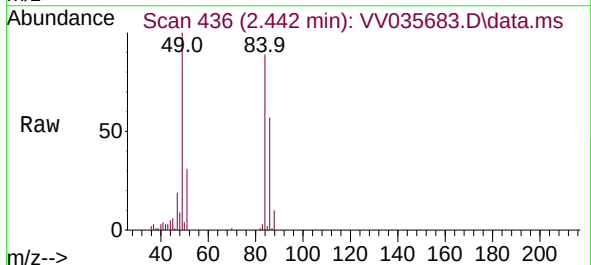
Tgt Ion: 84 Resp: 27276

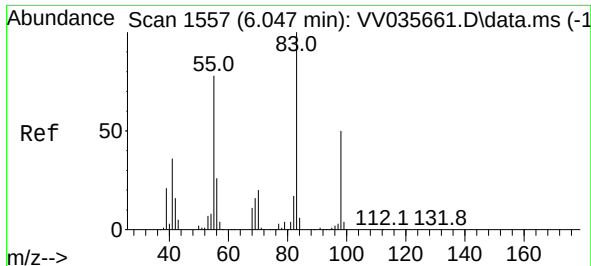
Ion Ratio Lower Upper

84 100

86 63.8 43.8 81.3

49 112.3 75.3 139.9





#35

Methylcyclohexane

Concen: 3.211 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.061 min

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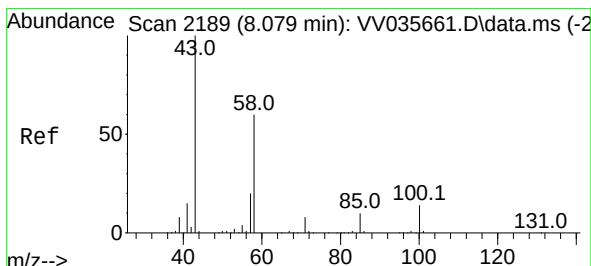
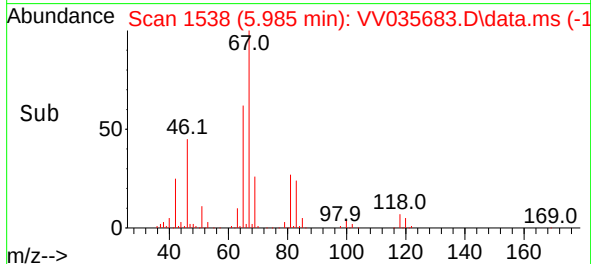
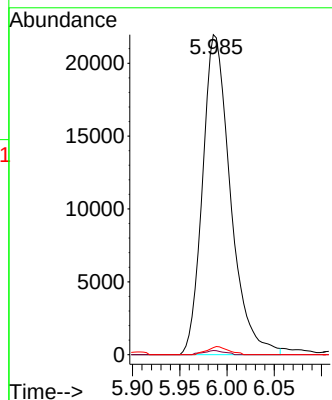
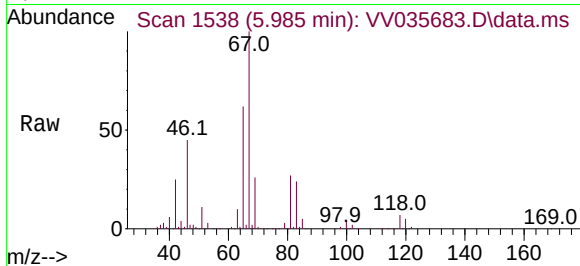
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Tgt Ion:	83	Resp:	45155
Ion	Ratio	Lower	Upper
83	100		
55	1.0	57.5	86.3#
98	1.9	38.6	58.0#



#48

2-Hexanone

Concen: 1.719 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

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Tgt Ion:	43	Resp:	6593
Ion	Ratio	Lower	Upper
43	100		
58	37.9	48.8	73.2#
57	54.6	16.9	25.3#
100	4.7	11.7	17.5#

