

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052224\
 Data File : VV035663.D
 Acq On : 22 May 2024 10:33
 Operator : SY/MD
 Sample : P2547-21
 Misc : 7.16g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 02:21:27 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)

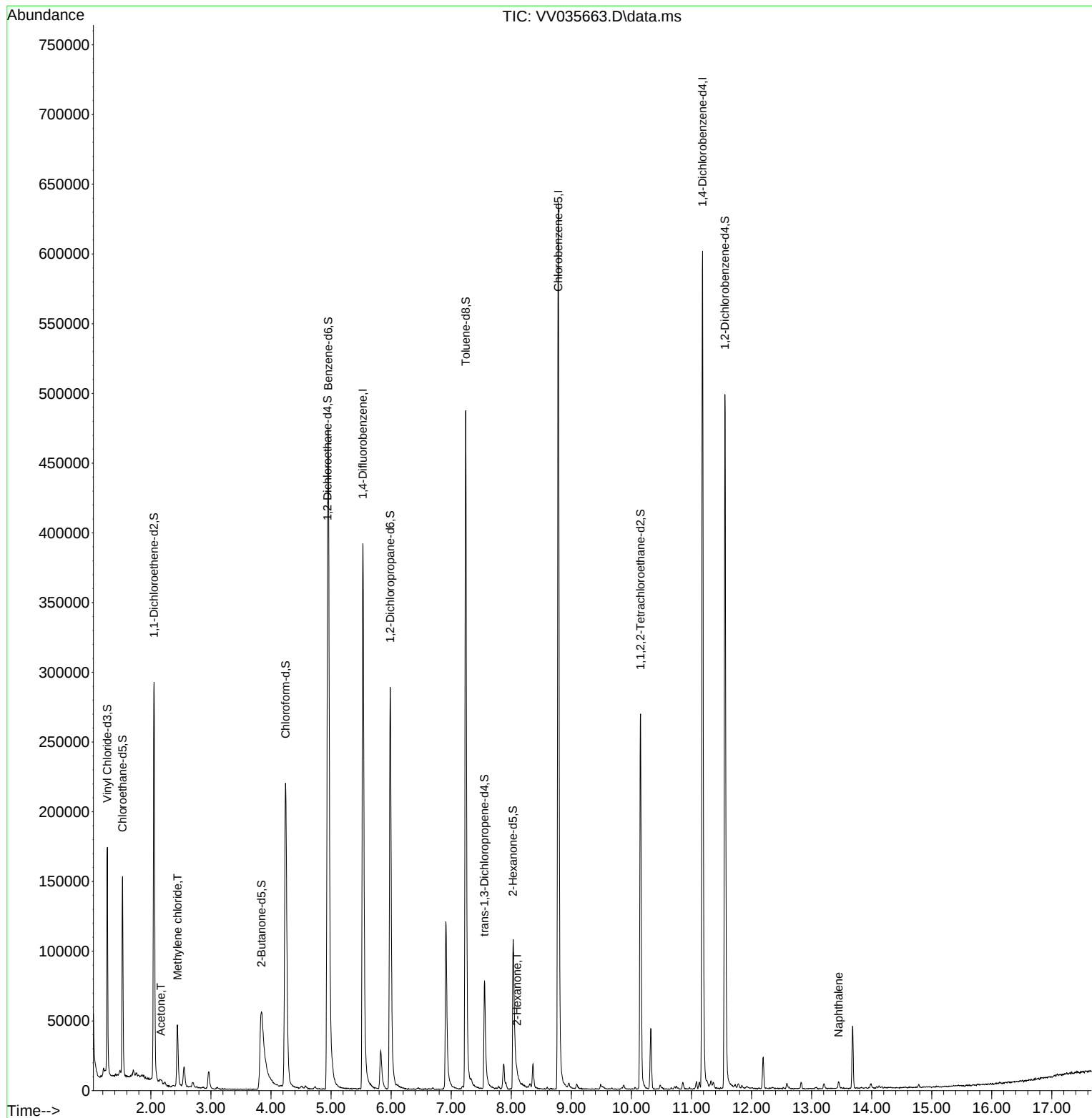
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	357917	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	373852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	162561	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	103147	18.645	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.600%
7) Chloroethane-d5	1.529	69	95743	21.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.053	65	48069	19.627	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.520%
21) 2-Butanone-d5	3.841	46	63774	40.622	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.240%
24) Chloroform-d	4.243	84	247962	23.303	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.940	65	131217	24.945	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.760%
32) Benzene-d6	4.953	84	435443	21.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	5.985	67	150379	23.811	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	7.243	98	342739	18.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.280%
43) trans-1,3-Dichloroprop...	7.554	79	52279	19.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.440%
47) 2-Hexanone-d5	8.030	63	45605	40.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.320%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	136259	22.390	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	11.557	152	132534	23.492	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.960%
Target Compounds						Qvalue
13) Acetone	2.166	43	8918	3.881	ug/L	78
16) Methylene chloride	2.442	84	19736	2.391	ug/L	98
48) 2-Hexanone	8.098	43	2380	0.821	ug/L #	37
71) Naphthalene	13.451	128	5106	0.392	ug/L #	83

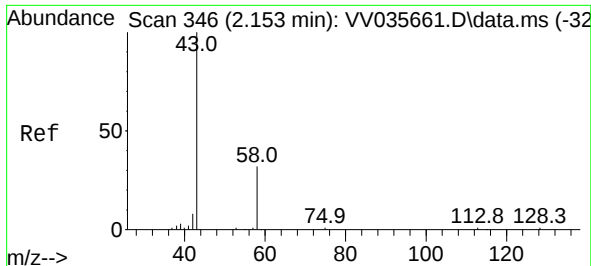
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 02:17:29 2024
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#13

Acetone

Concen: 3.881 ug/L

RT: 2.166 min Scan# 346

Delta R.T. 0.013 min

Lab File: VV035663.D

Acq: 22 May 2024 10:33

Instrument :

MSVOA_V

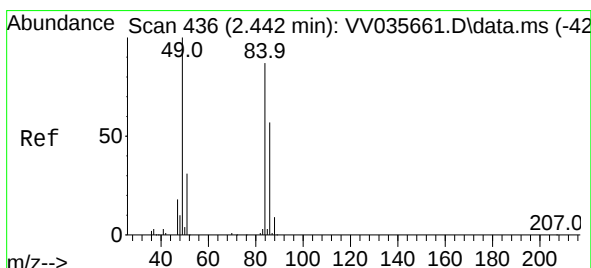
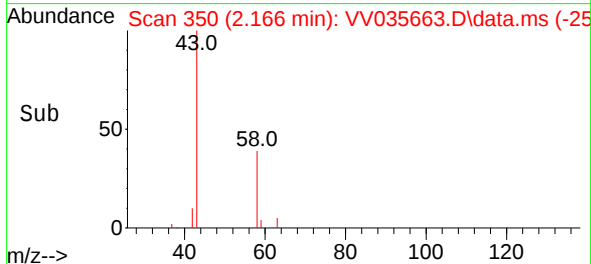
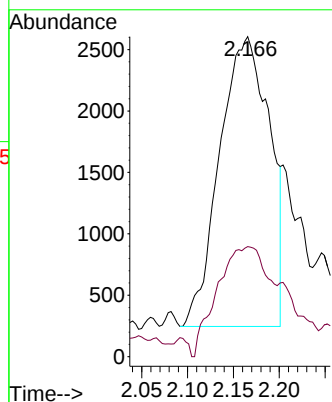
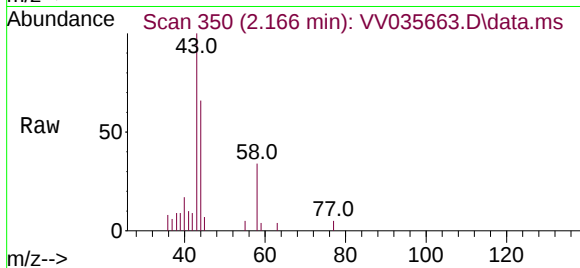
ClientSampleId :

Tgt Ion: 43 Resp: 8918

Ion Ratio Lower Upper

43 100

58 19.8 0.0 22.8



#16

Methylene chloride

Concen: 2.391 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

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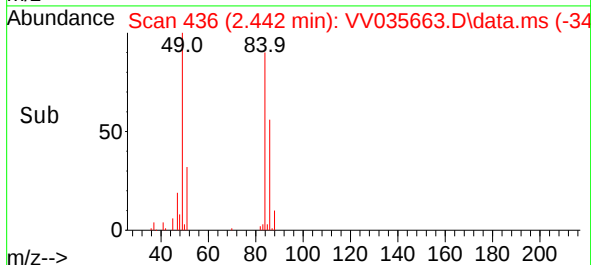
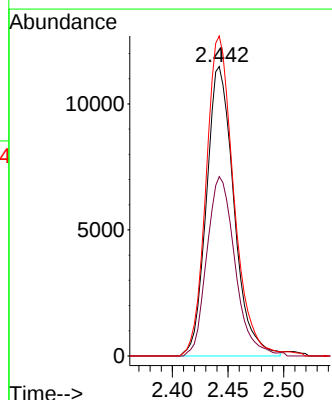
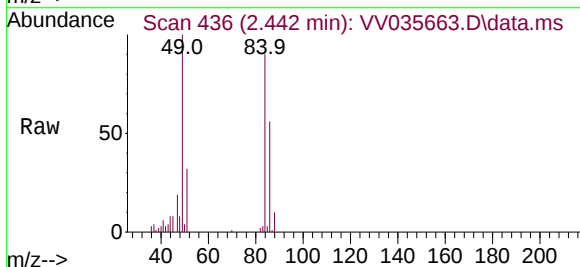
Tgt Ion: 84 Resp: 19736

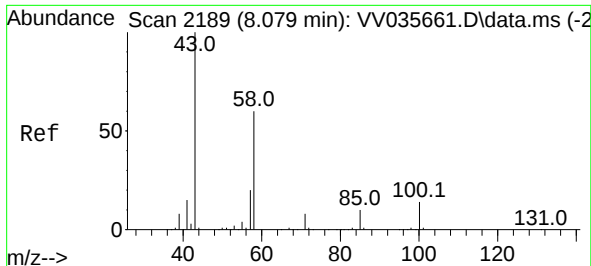
Ion Ratio Lower Upper

84 100

86 62.0 43.8 81.3

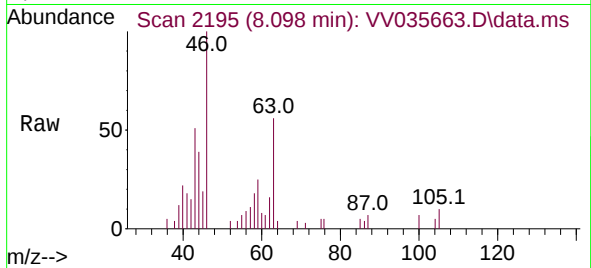
49 110.6 75.3 139.9



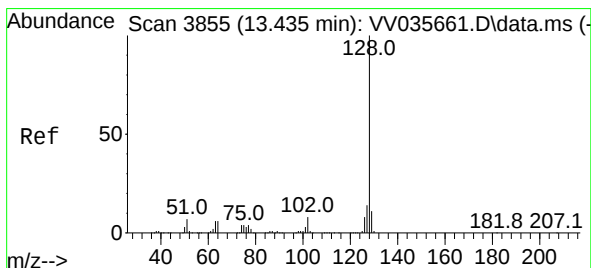
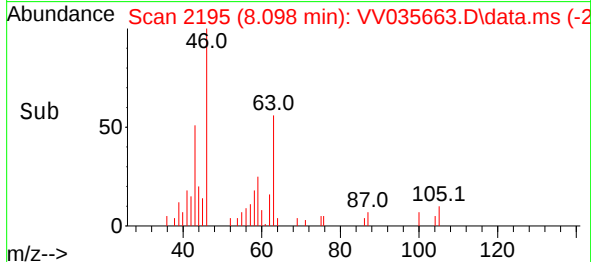
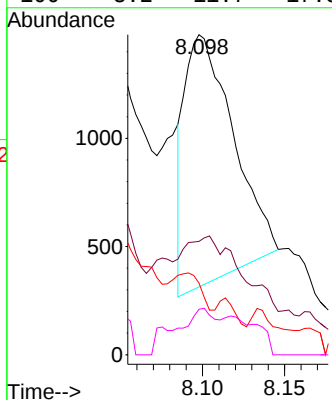


#48
2-Hexanone
Concen: 0.821 ug/L
RT: 8.098 min Scan# 2189
Delta R.T. 0.019 min
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	43	Resp:	2380
Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.8	73.2#
57	4.1	16.9	25.3#
100	3.2	11.7	17.5#



#71
Naphthalene
Concen: 0.392 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.016 min
Lab File: VV035663.D
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Tgt Ion:	128	Resp:	5106
Ion	Ratio	Lower	Upper
128	100		
127	6.3	10.4	15.6#
129	4.1	8.6	13.0#

