

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035778.D
 Acq On : 25 May 2024 03:14
 Operator : SY/MD
 Sample : P2570-21
 Misc : 5.20g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 05:08:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

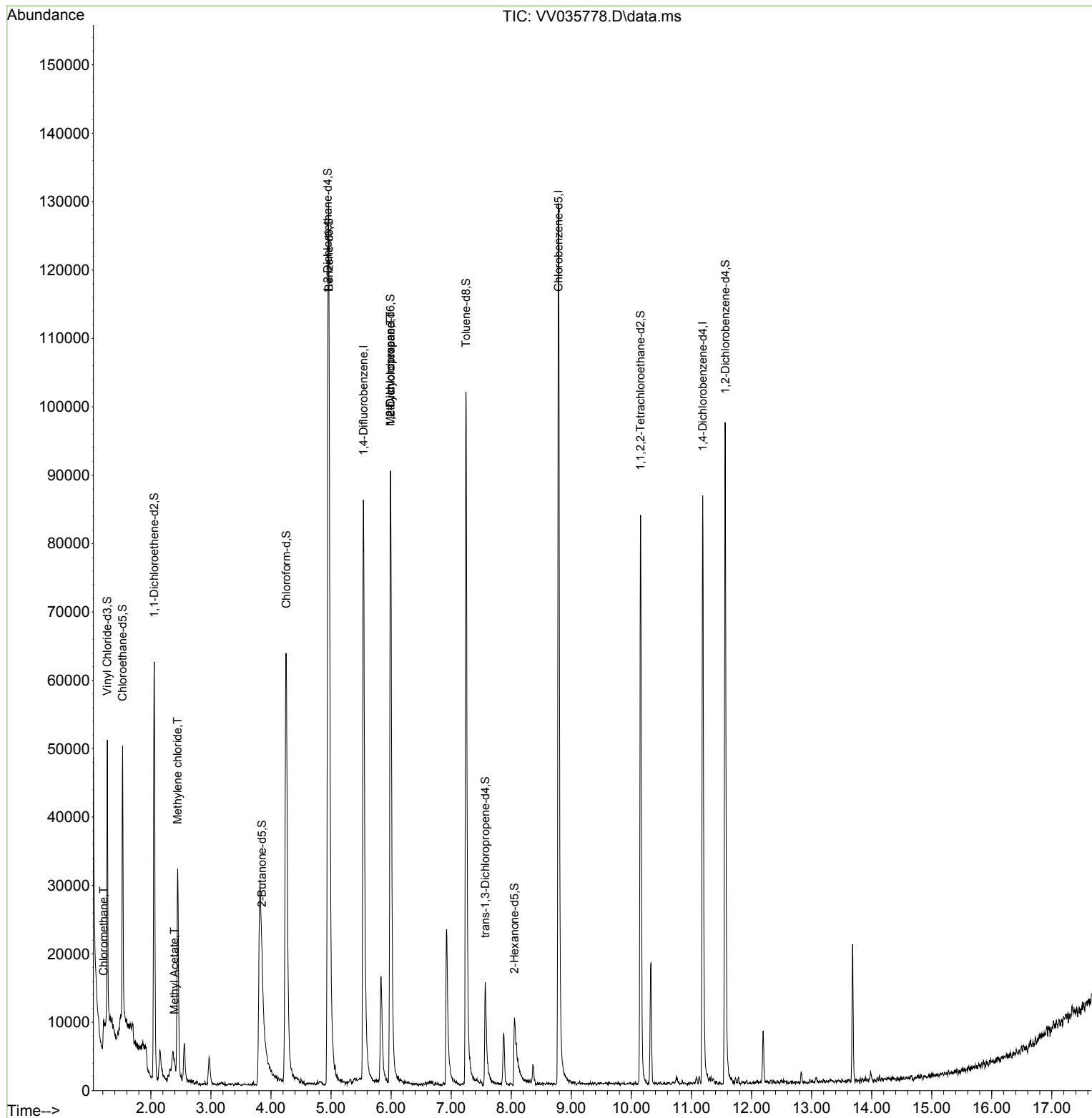
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	81556	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	25169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	24811	19.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.720%
7) Chloroethane-d5	1.529	69	25285	24.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.440%
11) 1,1-Dichloroethene-d2	2.056	65	10884	19.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.000%
21) 2-Butanone-d5	3.851	46	5978	16.711	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.420%
24) Chloroform-d	4.253	84	74009	30.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.080%
26) 1,2-Dichloroethane-d4	4.947	65	48883	40.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	163.120%#
32) Benzene-d6	4.963	84	111125	25.139	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.560%
36) 1,2-Dichloropropane-d6	5.989	67	48454	35.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.080%#
41) Toluene-d8	7.246	98	77478	19.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.760%
43) trans-1,3-Dichloroprop...	7.567	79	12178	20.873	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	8.053	63	4050	16.510	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	43727	33.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.040%#
66) 1,2-Dichlorobenzene-d4	11.564	152	27860	31.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.600%#
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1083	0.651	ug/L	89
15) Methyl Acetate	2.391	43	279	0.352	ug/L #	52
16) Methylene chloride	2.446	84	13686	7.277	ug/L	96
35) Methylcyclohexane	5.989	83	12119	5.280	ug/L #	20
37) 1,2-Dichloropropane	5.989	63	5118	3.670	ug/L #	86

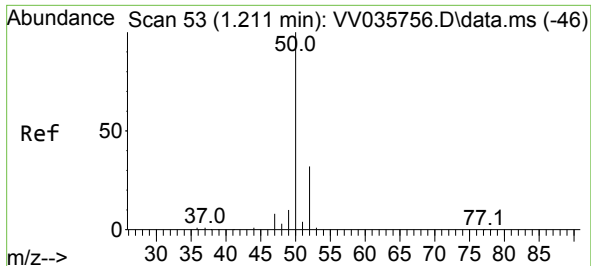
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 25 02:41:55 2024
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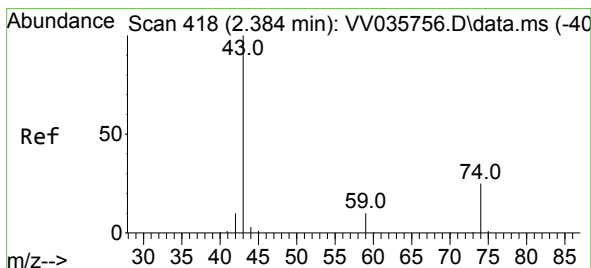
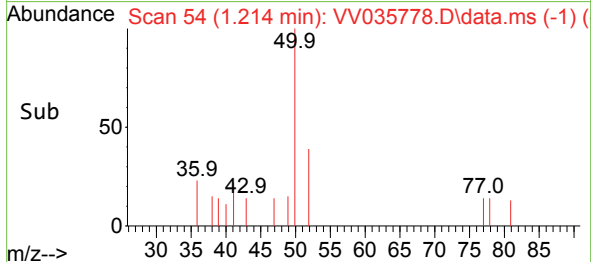
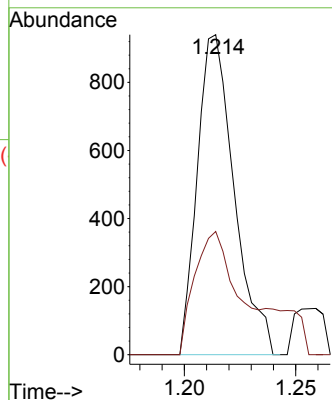
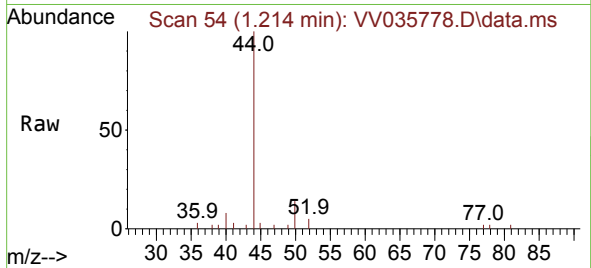




#3
Chloromethane
Concen: 0.651 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035778.D
Acq: 25 May 2024 03:14

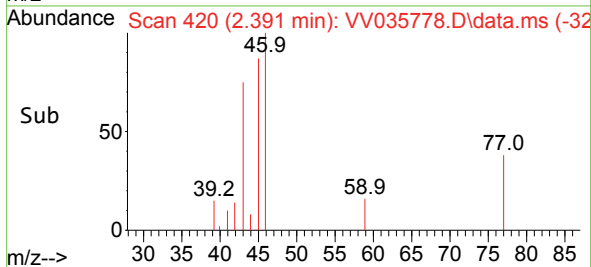
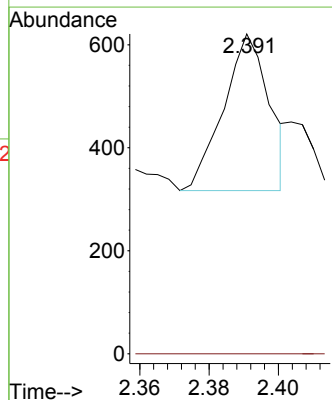
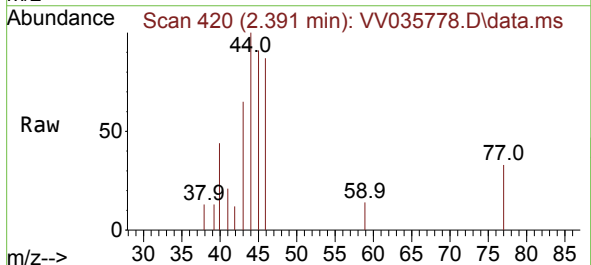
Instrument :
MSVOA_V
ClientSampleId :

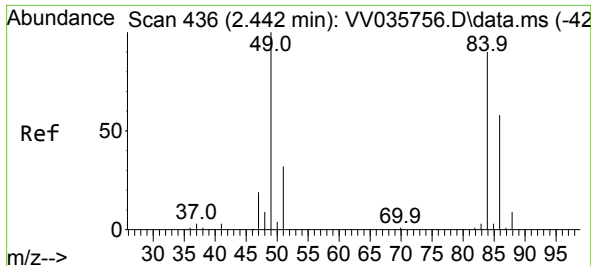
Tgt Ion: 50 Resp: 1083
Ion Ratio Lower Upper
50 100
52 38.5 22.7 42.1



#15
Methyl Acetate
Concen: 0.352 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.006 min
Lab File: VV035778.D
Acq: 25 May 2024 03:14

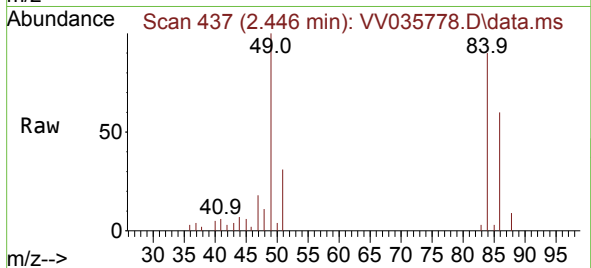
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



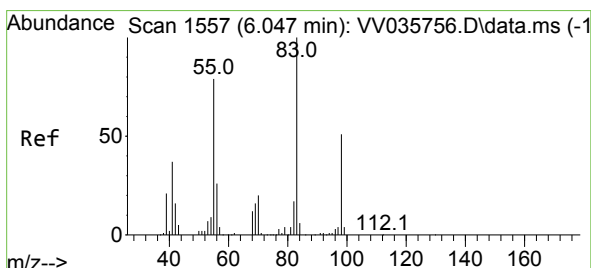
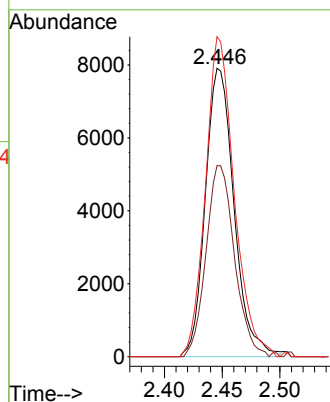
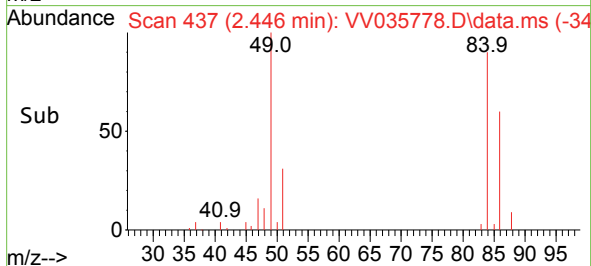


#16
Methylene chloride
Concen: 7.277 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035778.D
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ClientSampleId :

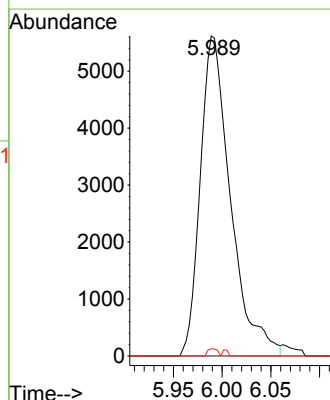
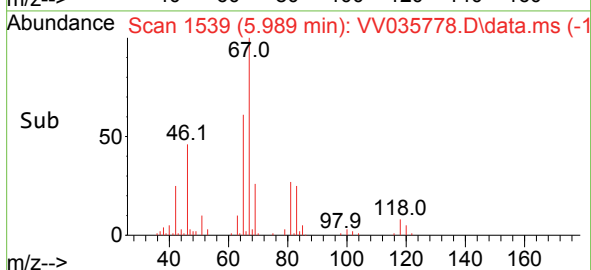
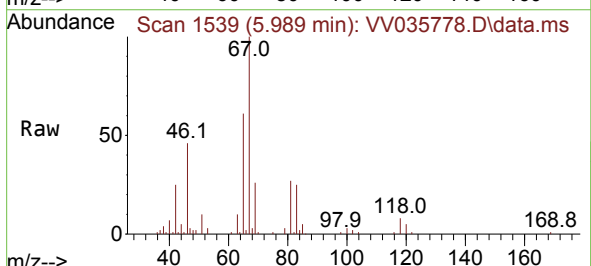


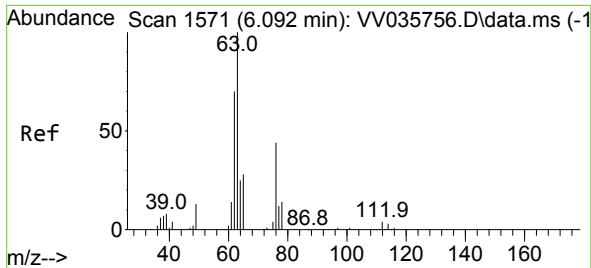
Tgt Ion: 84 Resp: 13686
Ion Ratio Lower Upper
84 100
86 66.2 43.8 81.3
49 111.0 75.3 139.9



#35
Methylcyclohexane
Concen: 5.280 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035778.D
Acq: 25 May 2024 03:14

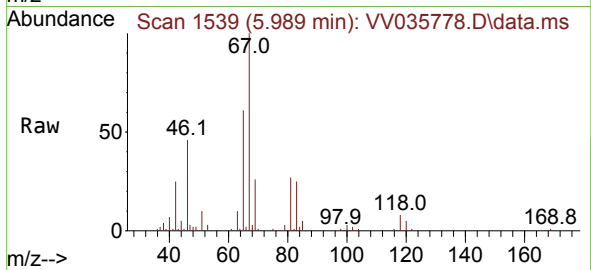
Tgt Ion: 83 Resp: 12119
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 0.7 38.6 58.0#





#37
1,2-Dichloropropane
Concen: 3.670 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV035778.D
Acq: 25 May 2024 03:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 5118
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

