

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035761.D
 Acq On : 24 May 2024 20:43
 Operator : SY/MD
 Sample : P2589-03
 Misc : 5.65g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 25 02:47:16 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)

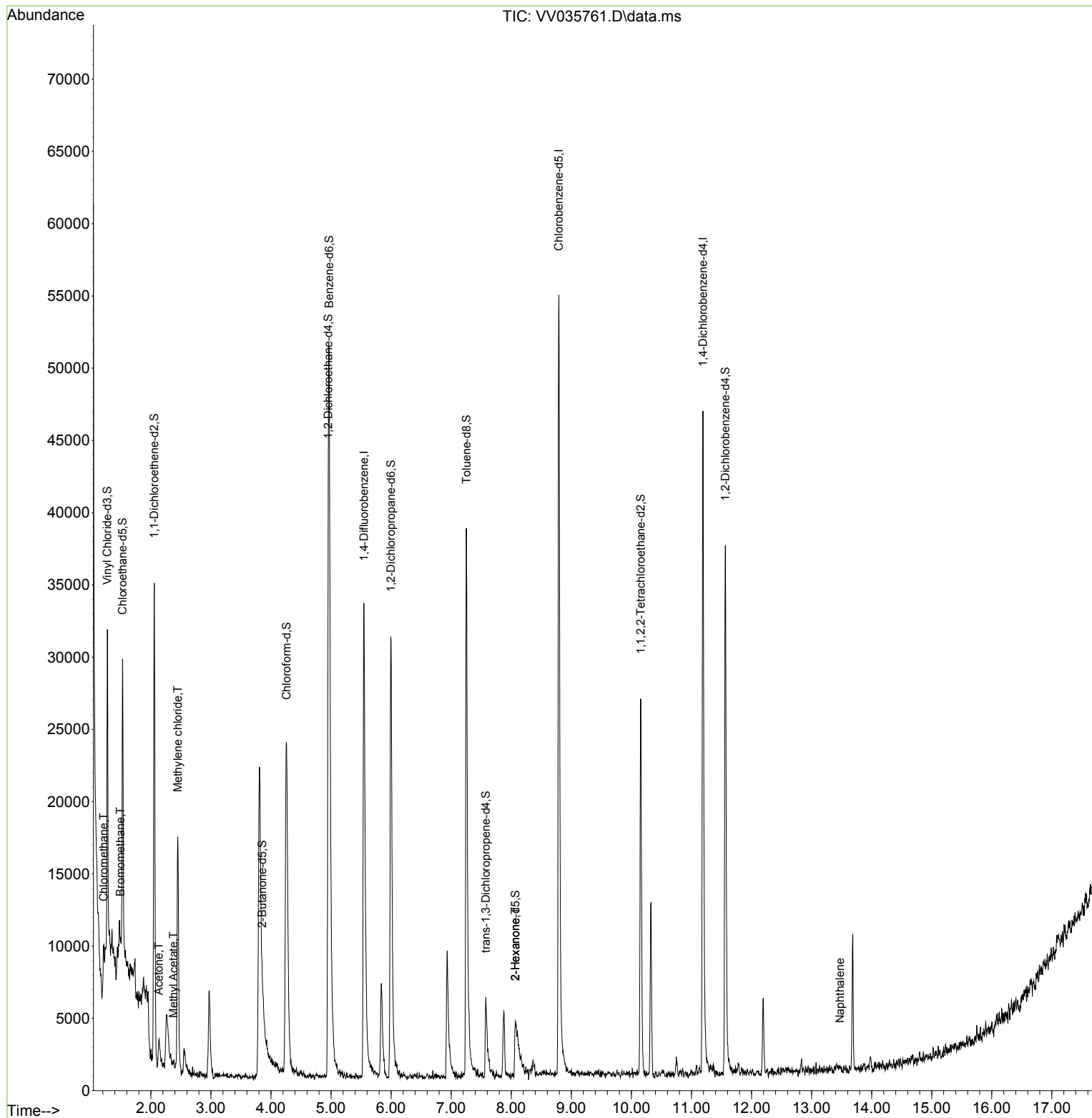
Internal Standards						
1) 1,4-Difluorobenzene	5.548	114	33991	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.793	117	35638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	14444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14352	27.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.280%
7) Chloroethane-d5	1.529	69	12806	30.215	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.840%
11) 1,1-Dichloroethene-d2	2.057	65	5701	24.511	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.040%
21) 2-Butanone-d5	3.854	46	978	6.560	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	13.120%#
24) Chloroform-d	4.259	84	29000	28.698	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.800%
26) 1,2-Dichloroethane-d4	4.953	65	17680	35.390	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	141.560%#
32) Benzene-d6	4.966	84	45146	23.142	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.560%
36) 1,2-Dichloropropane-d6	5.995	67	17921	29.767	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.080%
41) Toluene-d8	7.252	98	30914	17.805	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.240%
43) trans-1,3-Dichloroprop...	7.577	79	3790	14.720	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.880%
47) 2-Hexanone-d5	8.066	63	1661	15.343	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14294	24.639	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	11.564	152	10870	21.685	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						Qvalue
3) Chloromethane	1.214	50	1216	1.753	ug/L	92
6) Bromomethane	1.491	94	654	1.441	ug/L	95
13) Acetone	2.134	43	2699	12.366	ug/L	95
15) Methyl Acetate	2.378	43	129	0.390	ug/L #	52
16) Methylene chloride	2.449	84	7326	9.346	ug/L	97
48) 2-Hexanone	8.066	43	252	0.912	ug/L #	60
71) Naphthalene	13.474	128	505	0.437	ug/L #	69

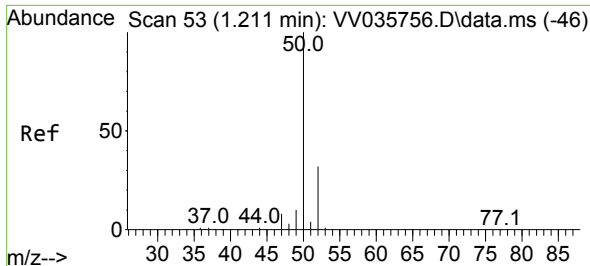
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

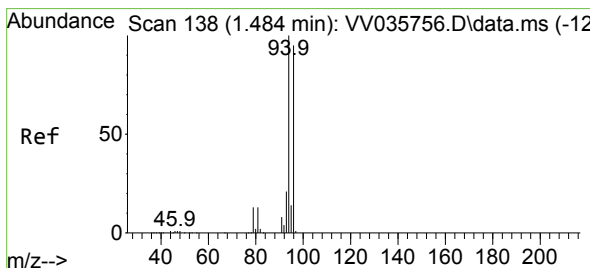
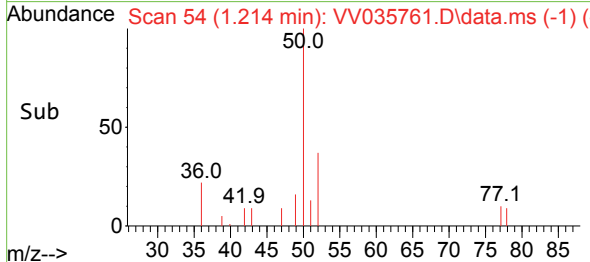
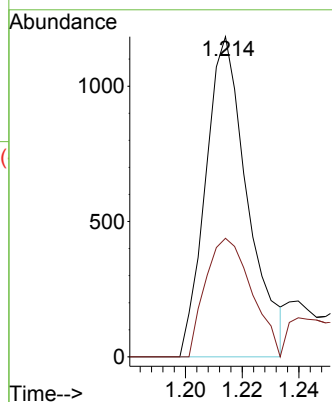
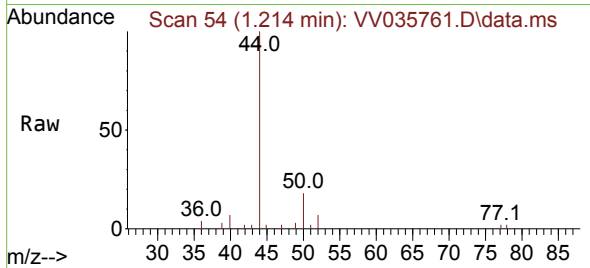




#3
Chloromethane
Concen: 1.753 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035761.D
Acq: 24 May 2024 20:43

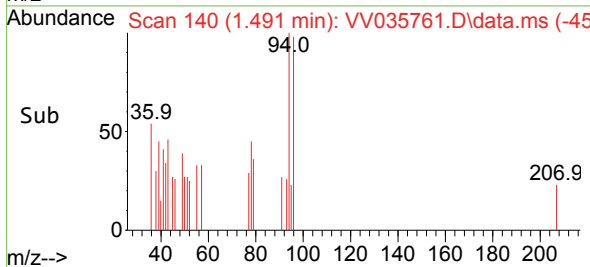
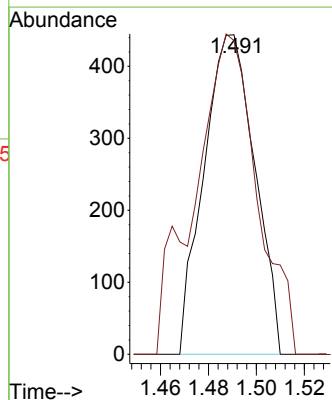
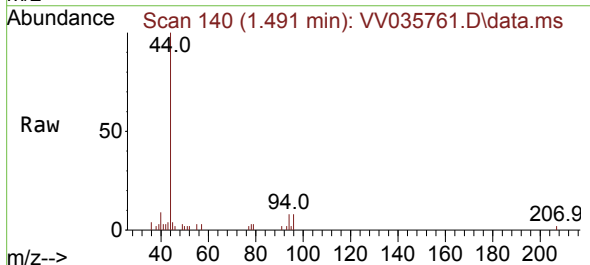
Instrument :
MSVOA_V
ClientSampleId :

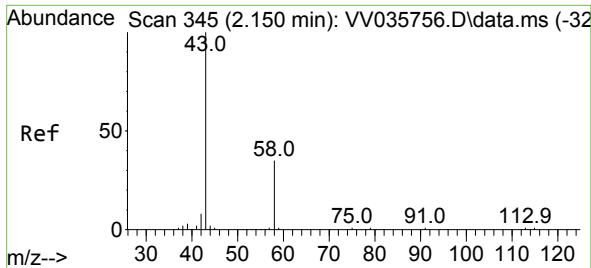
Tgt Ion: 50 Resp: 1216
Ion Ratio Lower Upper
50 100
52 37.0 22.7 42.1



#6
Bromomethane
Concen: 1.441 ug/L
RT: 1.491 min Scan# 140
Delta R.T. 0.007 min
Lab File: VV035761.D
Acq: 24 May 2024 20:43

Tgt Ion: 94 Resp: 654
Ion Ratio Lower Upper
94 100
96 98.2 65.2 121.0





#13

Acetone

Concen: 12.366 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.016 min

Lab File: VV035761.D

Acq: 24 May 2024 20:43

Instrument :

MSVOA_V

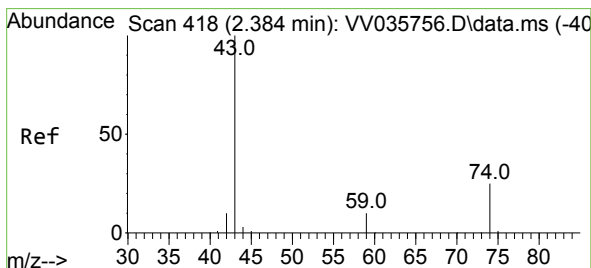
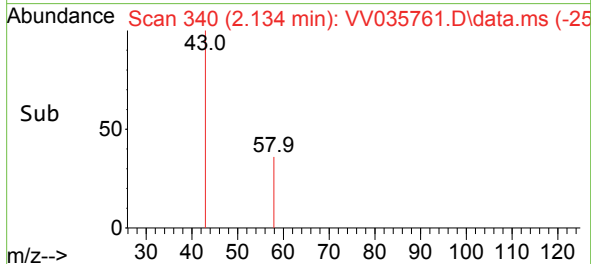
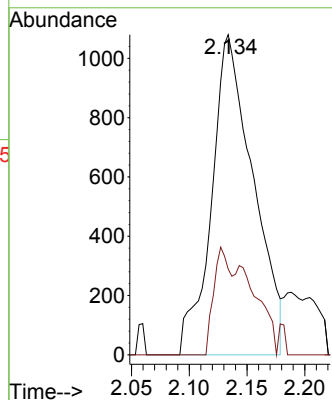
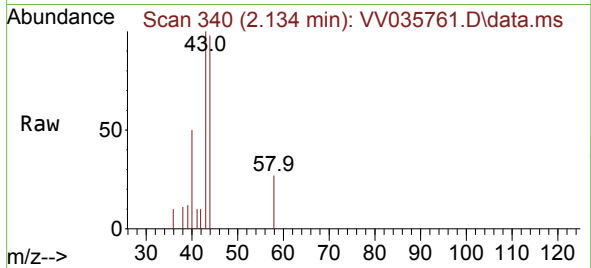
ClientSampleId :

Tgt Ion: 43 Resp: 2699

Ion Ratio Lower Upper

43 100

58 13.5 0.0 22.8



#15

Methyl Acetate

Concen: 0.390 ug/L

RT: 2.378 min Scan# 416

Delta R.T. -0.006 min

Lab File: VV035761.D

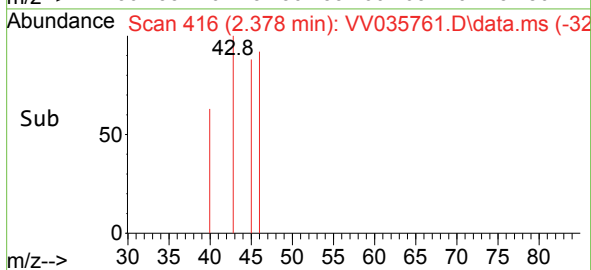
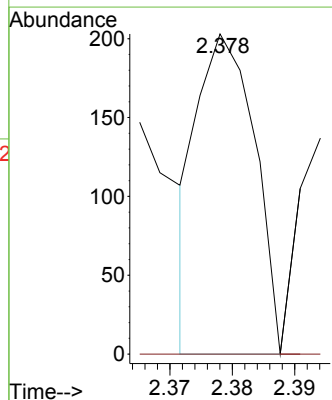
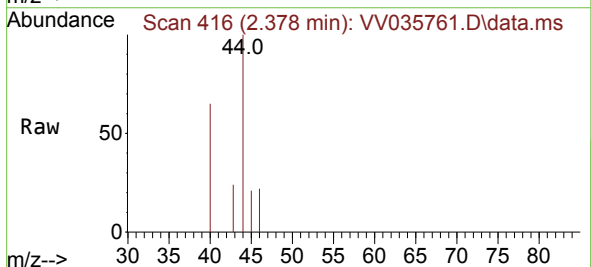
Acq: 24 May 2024 20:43

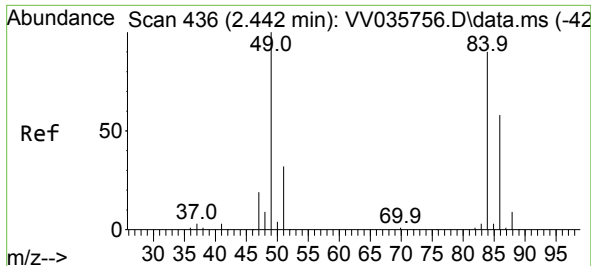
Tgt Ion: 43 Resp: 129

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#

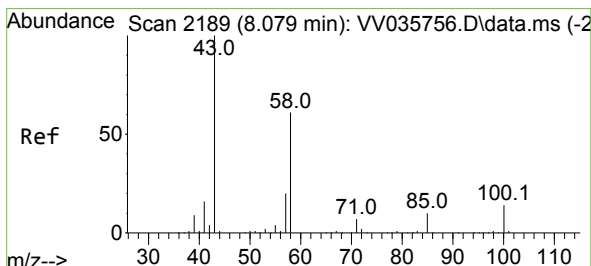
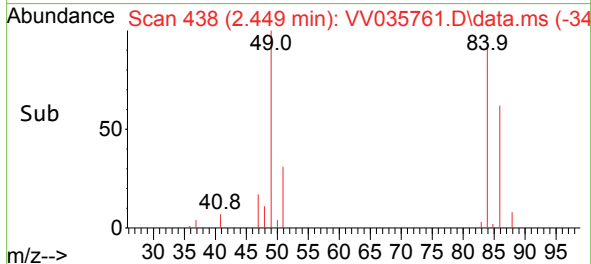
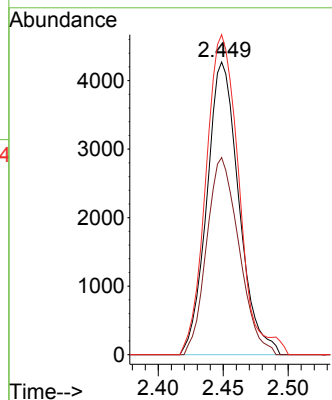
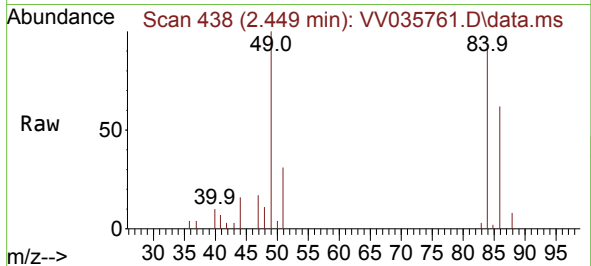




#16
Methylene chloride
Concen: 9.346 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.007 min
Lab File: VV035761.D
Acq: 24 May 2024 20:43

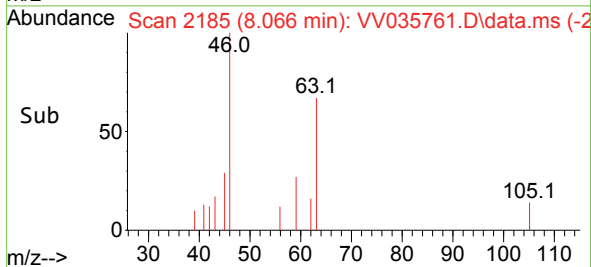
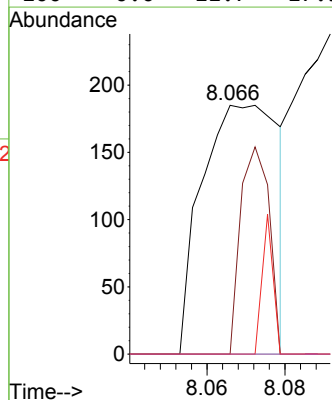
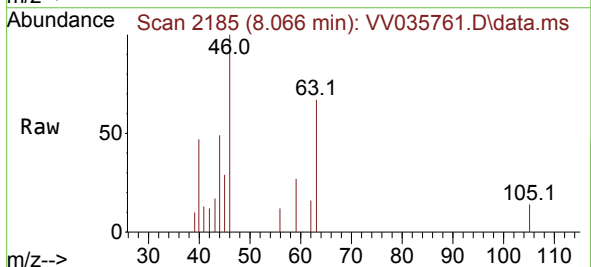
Instrument :
MSVOA_V
ClientSampleId :

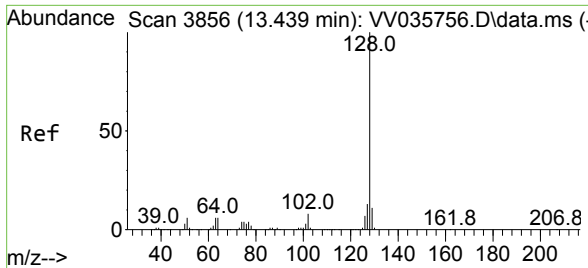
Tgt Ion: 84 Resp: 7326
Ion Ratio Lower Upper
84 100
86 67.4 43.8 81.3
49 109.4 75.3 139.9



#48
2-Hexanone
Concen: 0.912 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.013 min
Lab File: VV035761.D
Acq: 24 May 2024 20:43

Tgt Ion: 43 Resp: 252
Ion Ratio Lower Upper
43 100
58 31.3 48.8 73.2#
57 0.0 16.9 25.3#
100 0.0 11.7 17.5#





#71

Naphthalene

Concen: 0.437 ug/L

RT: 13.474 min Scan# 3867

Delta R.T. 0.035 min

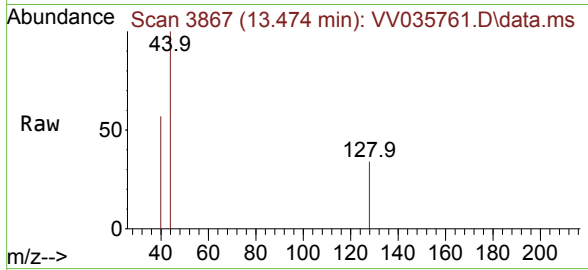
Lab File: VV035761.D

Acq: 24 May 2024 20:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 505

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#

