

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036566.D
 Acq On : 16 Jul 2024 14:49
 Operator : SY/MD
 Sample : P3238-08
 Misc : 4.67g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:28:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

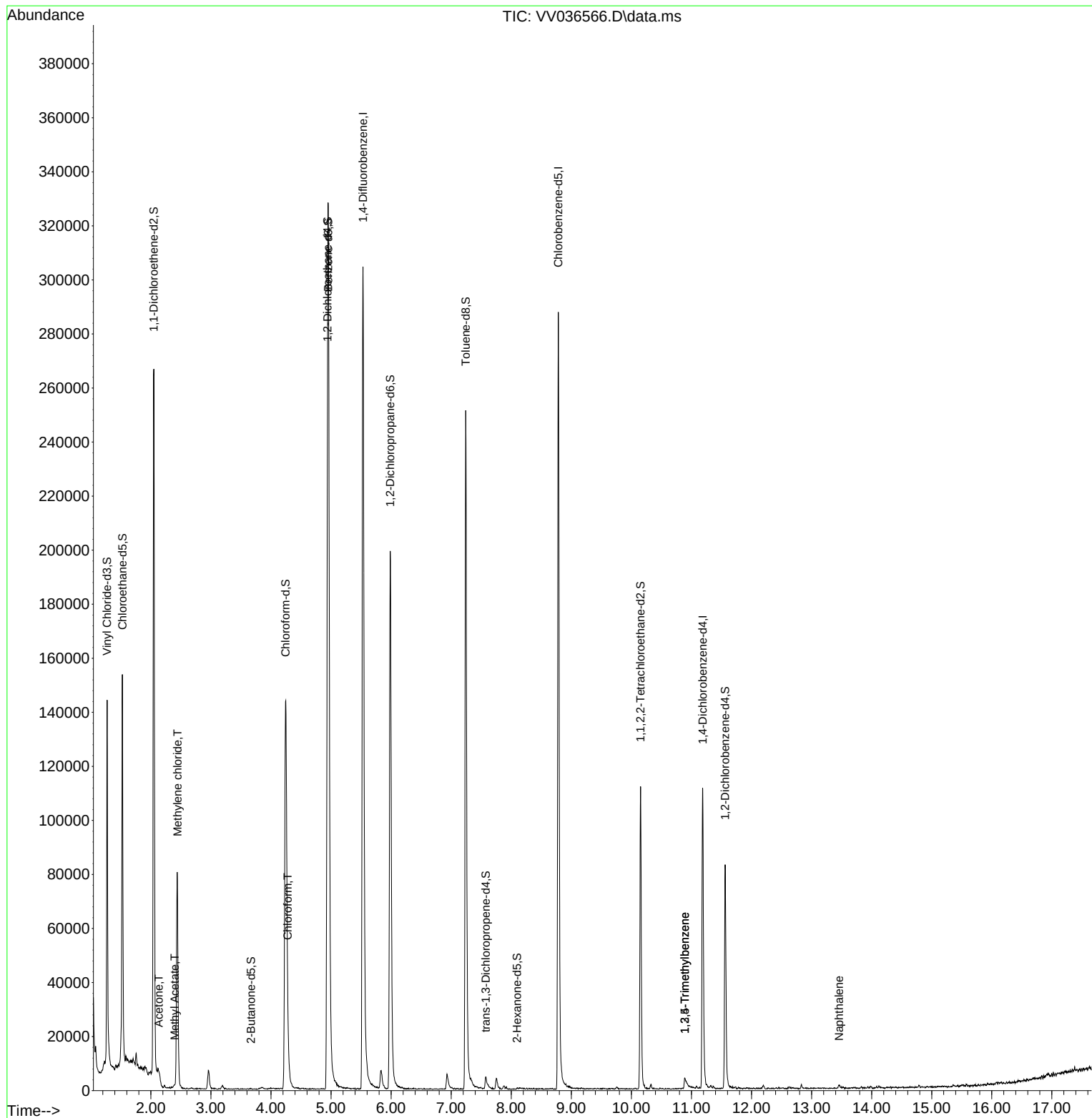
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	290362	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	177202	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	34066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	87510	21.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
7) Chloroethane-d5	1.526	69	93707	25.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.040%
11) 1,1-Dichloroethene-d2	2.047	65	42082	19.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.800%
21) 2-Butanone-d5	3.667	46	43	0.060	ug/L	-0.17
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.120%#
24) Chloroform-d	4.243	84	157420	18.626	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.520%
26) 1,2-Dichloroethane-d4	4.940	65	93170	22.226	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.920%
32) Benzene-d6	4.953	84	295388	33.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.640%
36) 1,2-Dichloropropane-d6	5.985	67	95933	36.412	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	145.640%#
41) Toluene-d8	7.243	98	180313	22.106	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	7.574	79	3308	3.020	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	12.080%#
47) 2-Hexanone-d5	8.098	63	40	0.137	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.280%#
56) 1,1,2,2-Tetrachloroeth...	10.152	84	52494	23.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	23820	20.604	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
13) Acetone	2.134	43	2217	2.202	ug/L #	7
15) Methyl Acetate	2.397	43	1614	1.187	ug/L #	76
16) Methylene chloride	2.442	84	32937	5.517	ug/L	98
25) Chloroform	4.278	83	11519	1.375	ug/L	99
62) 1,3,5-Trimethylbenzene	10.889	105	2150	0.882	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.889	105	2150	0.811	ug/L #	30
71) Naphthalene	13.458	128	1586	0.852	ug/L #	77

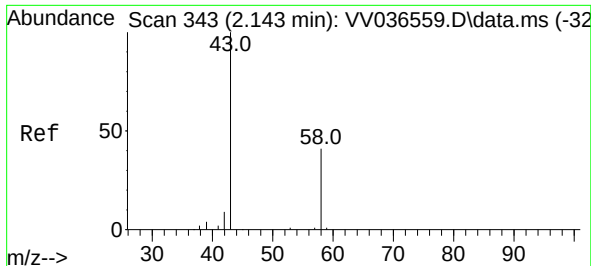
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.202 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV036566.D

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Instrument :

MSVOA_V

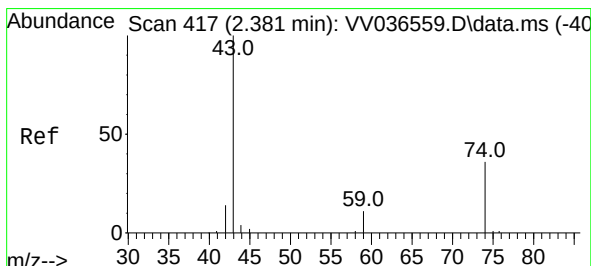
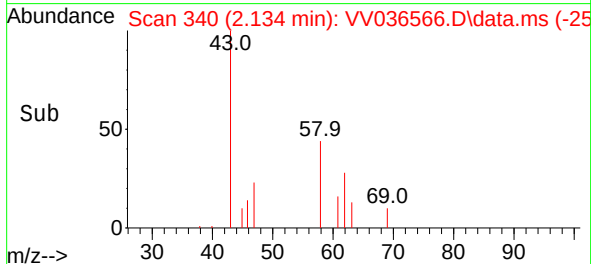
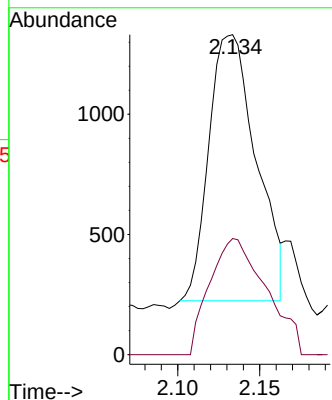
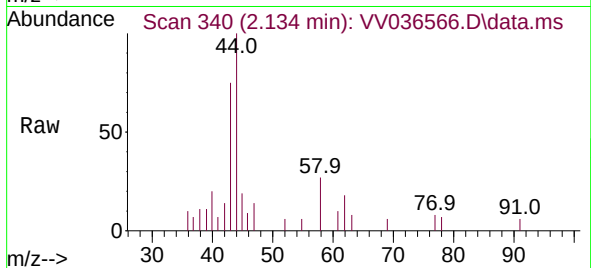
ClientSampleId :

Tgt Ion: 43 Resp: 2217

Ion Ratio Lower Upper

43 100

58 52.0 0.0 28.4#



#15

Methyl Acetate

Concen: 1.187 ug/L

RT: 2.397 min Scan# 422

Delta R.T. 0.016 min

Lab File: VV036566.D

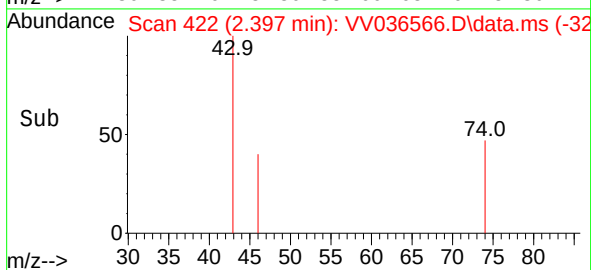
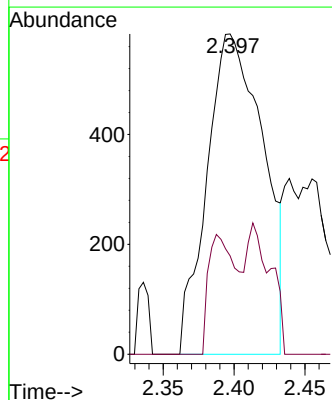
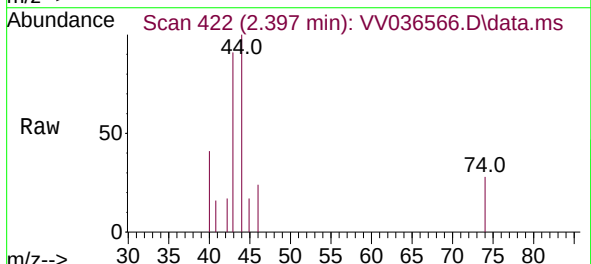
Acq: 16 Jul 2024 14:49

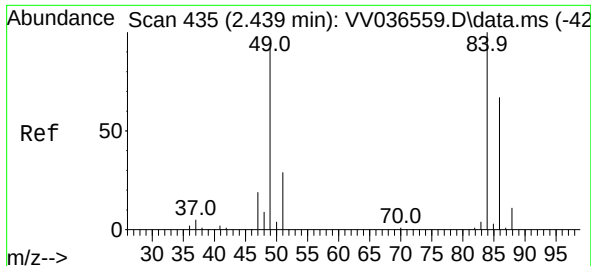
Tgt Ion: 43 Resp: 1614

Ion Ratio Lower Upper

43 100

74 19.1 26.3 39.5#

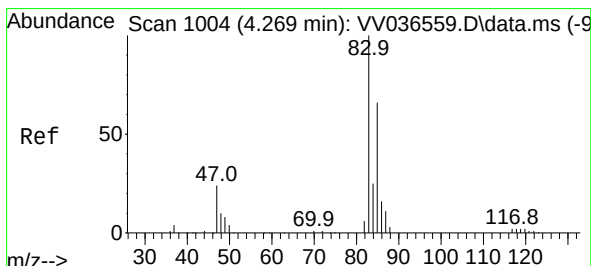
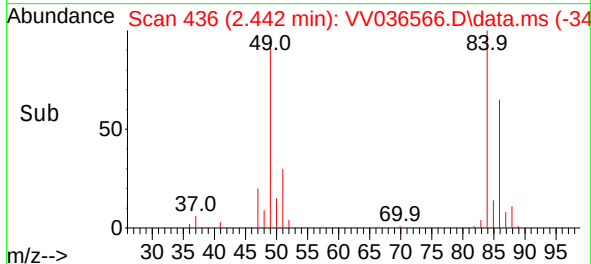
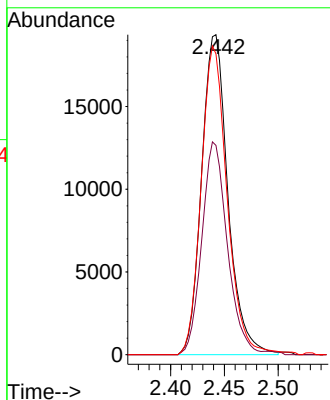
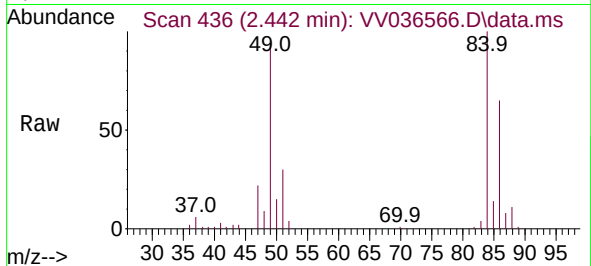




#16
Methylene chloride
Concen: 5.517 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036566.D
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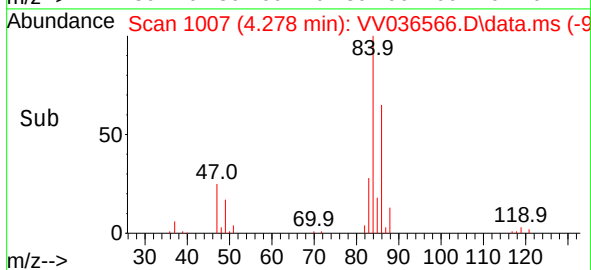
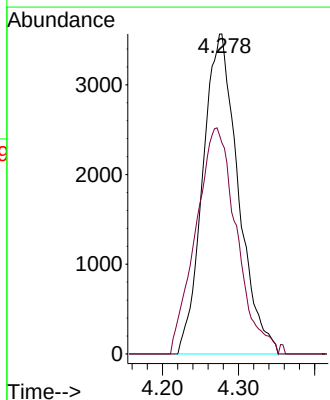
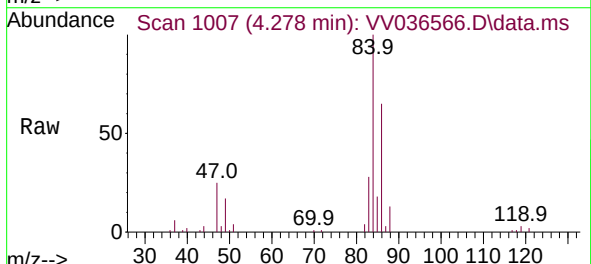
Instrument :
MSVOA_V
ClientSampleId :

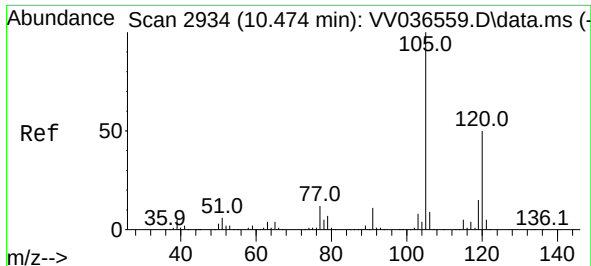
Tgt Ion: 84 Resp: 32937
Ion Ratio Lower Upper
84 100
86 65.4 46.3 86.1
49 94.0 68.1 126.5



#25
Chloroform
Concen: 1.375 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.010 min
Lab File: VV036566.D
Acq: 16 Jul 2024 14:49

Tgt Ion: 83 Resp: 11519
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.6





#62

1,3,5-Trimethylbenzene

Concen: 0.882 ug/L

RT: 10.889 min Scan# 3063

Delta R.T. 0.415 min

Lab File: VV036566.D

Acq: 16 Jul 2024 14:49

Instrument :

MSVOA_V

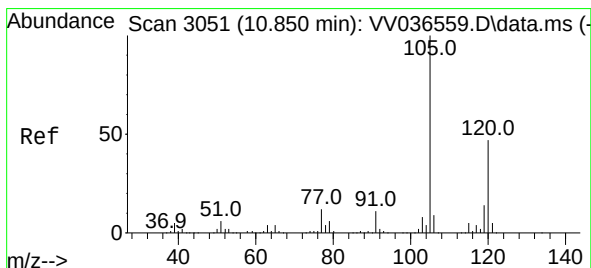
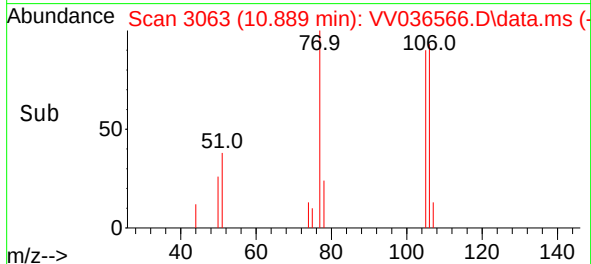
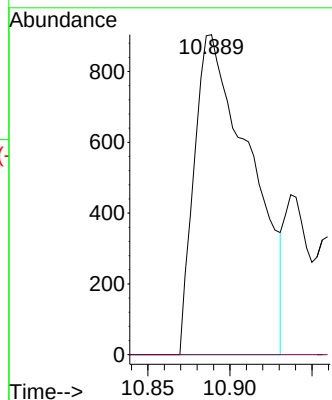
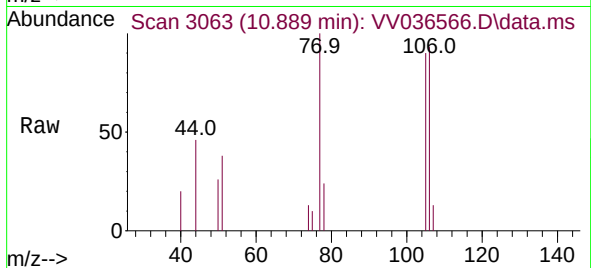
ClientSampleId :

Tgt Ion:105 Resp: 2150

Ion Ratio Lower Upper

105 100

120 0.0 39.9 59.9#



#63

1,2,4-Trimethylbenzene

Concen: 0.811 ug/L

RT: 10.889 min Scan# 3063

Delta R.T. 0.039 min

Lab File: VV036566.D

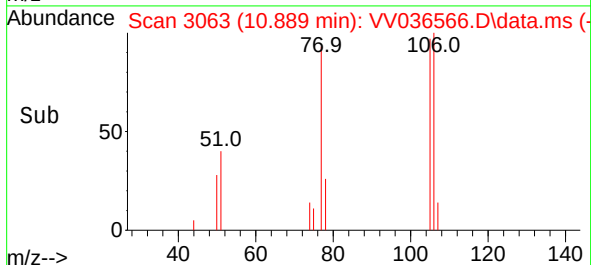
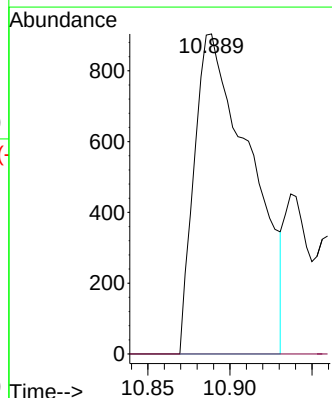
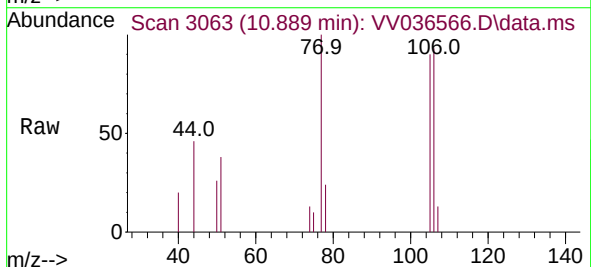
Acq: 16 Jul 2024 14:49

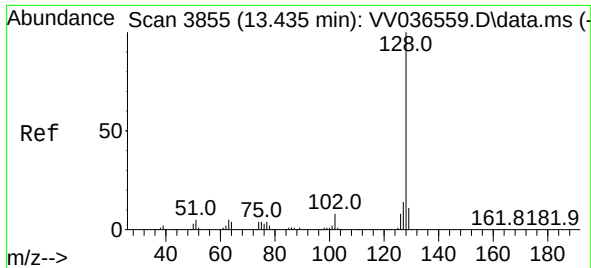
Tgt Ion:105 Resp: 2150

Ion Ratio Lower Upper

105 100

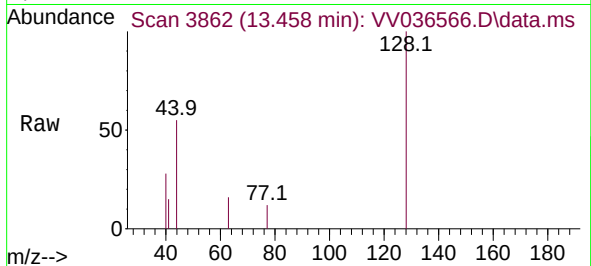
120 0.0 37.0 55.4#





#71
Naphthalene
Concen: 0.852 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.022 min
Lab File: VV036566.D
Acq: 16 Jul 2024 14:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1586
Ion	Ratio	Lower	Upper
128	100		
127	2.5	10.8	16.2#
129	4.2	8.6	13.0#

