

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032724\
 Data File : VV034856.D
 Acq On : 27 Mar 2024 11:42
 Operator : SY/MD
 Sample : P1851-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:54:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 28 01:53:40 2024
 Response via : Initial Calibration

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

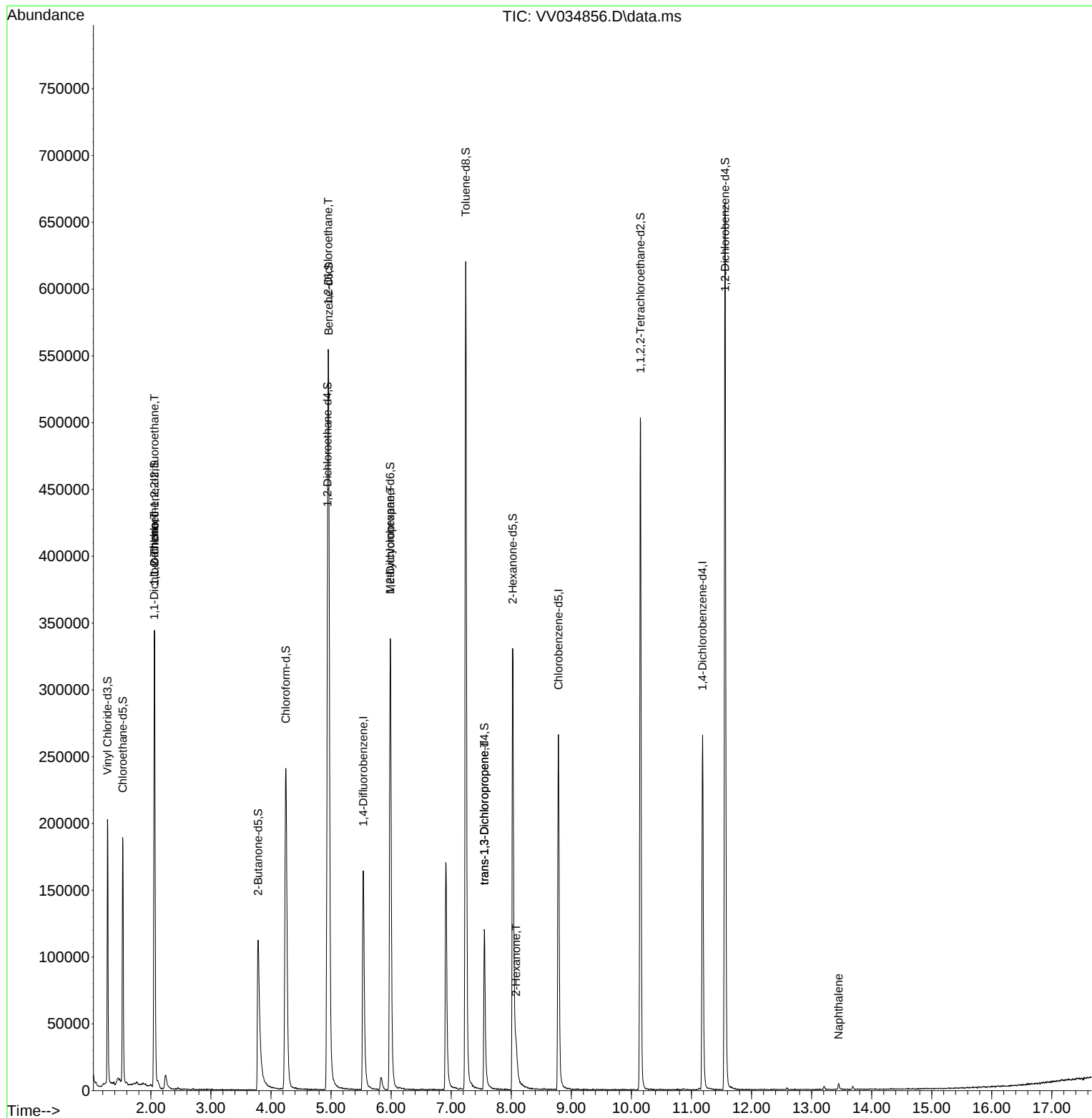
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	149047	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	146817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	69348	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	127401	88.508	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 177.020%#		
7) Chloroethane-d5	1.532	69	118522	94.800	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 189.600%#		
11) 1,1-Dichloroethene-d2	2.060	65	58736	93.088	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 186.180%#		
21) 2-Butanone-d5	3.786	46	183550	215.007	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 215.010%#		
24) Chloroform-d	4.246	84	258152	106.668	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 213.340%#		
26) 1,2-Dichloroethane-d4	4.941	65	170275	110.818	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 221.640%#		
32) Benzene-d6	4.960	84	502282	101.849	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 203.700%#		
36) 1,2-Dichloropropane-d6	5.986	67	170587	108.929	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 217.860%#		
41) Toluene-d8	7.243	98	425363	95.773	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 191.540%#		
43) trans-1,3-Dichloroprop...	7.551	79	73569	96.633	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 193.260%#		
47) 2-Hexanone-d5	8.024	63	113555	191.786	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 191.790%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	246001	114.071	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 228.140%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	167537	107.601	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 215.200%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1745	1.492	ug/L #	24
12) 1,1-Dichloroethene	2.056	96	1461	1.306	ug/L #	1
27) 1,2-Dichloroethane	4.953	62	3121	1.788	ug/L	98
35) Methylcyclohexane	5.986	83	38405	19.682	ug/L #	20
44) trans-1,3-Dichloropropene	7.551	75	3399	1.775	ug/L #	62
48) 2-Hexanone	8.082	43	17718	12.333	ug/L #	94
71) Naphthalene	13.451	128	4531	1.056	ug/L #	85

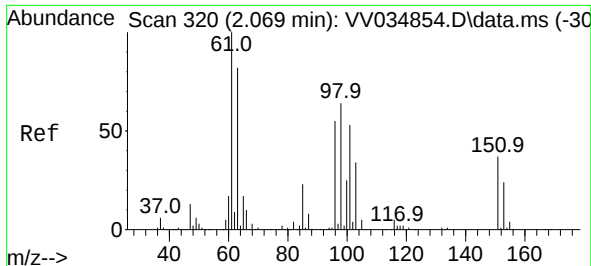
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 01:53:40 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.492 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

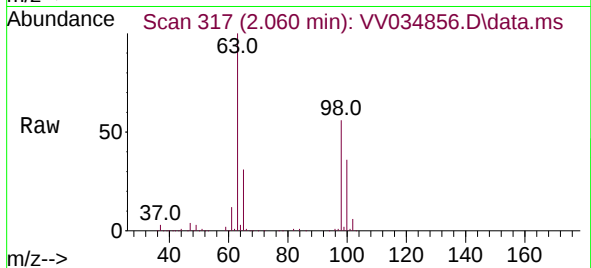
Lab File: VV034856.D

Acq: 27 Mar 2024 11:42

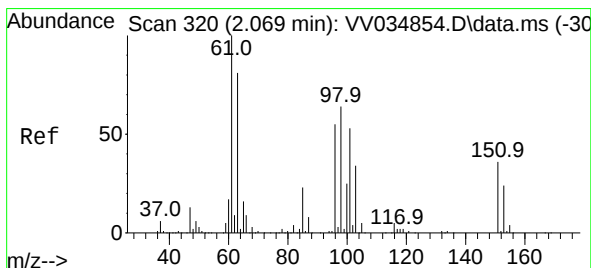
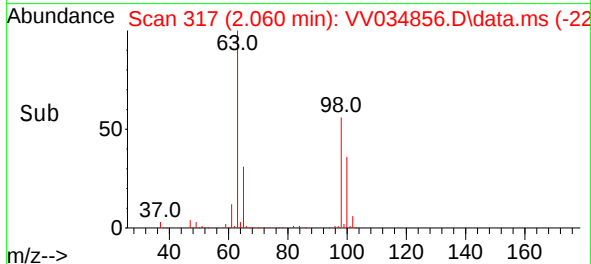
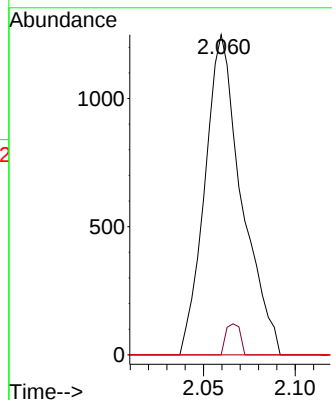
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	101	Resp:	1745
Ion	Ratio	Lower	Upper
101	100		
85	3.7	35.3	52.9#
151	0.0	55.0	82.4#



#12

1,1-Dichloroethene

Concen: 1.306 ug/L

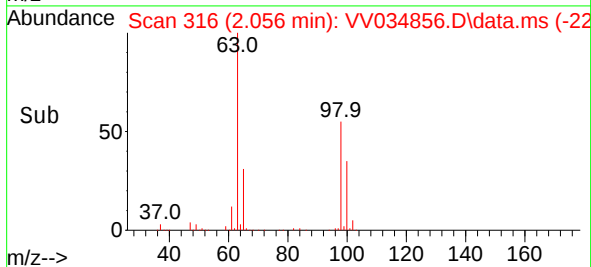
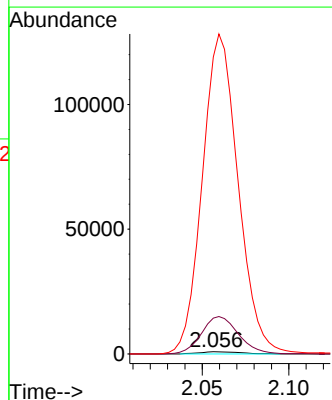
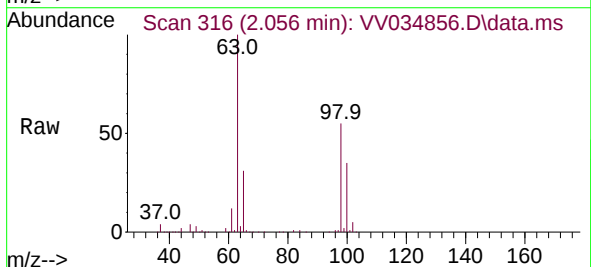
RT: 2.056 min Scan# 316

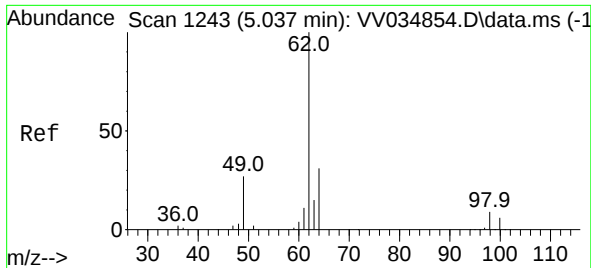
Delta R.T. -0.013 min

Lab File: VV034856.D

Acq: 27 Mar 2024 11:42

Tgt Ion:	96	Resp:	1461
Ion	Ratio	Lower	Upper
96	100		
61	1625.2	131.5	244.3#
63	13461.5	111.4	206.8#

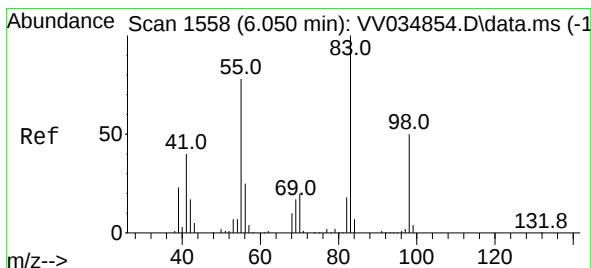
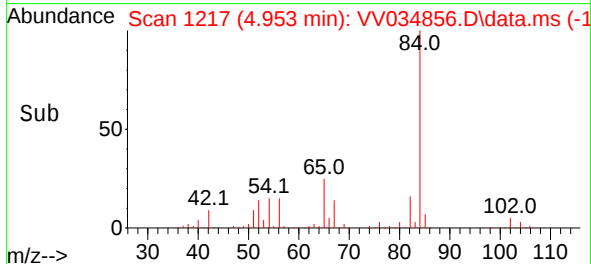
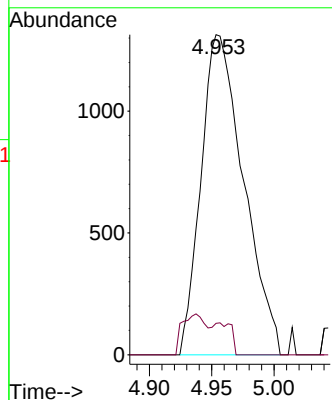
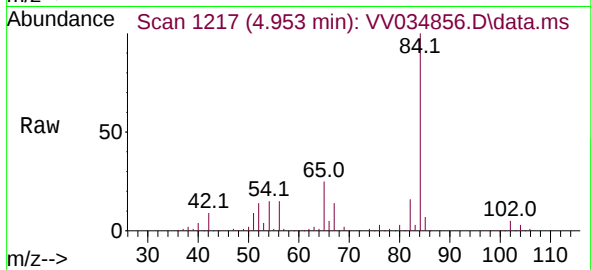




#27
1,2-Dichloroethane
Concen: 1.788 ug/L
RT: 4.953 min Scan# 11
Delta R.T. -0.084 min
Lab File: VV034856.D
Acq: 27 Mar 2024 11:42

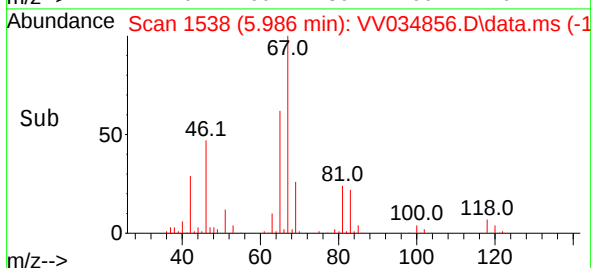
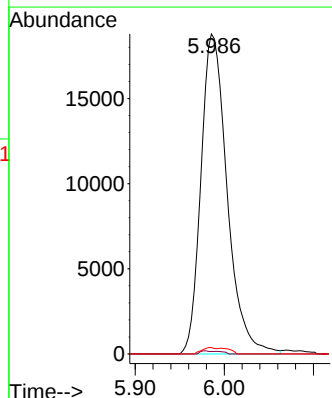
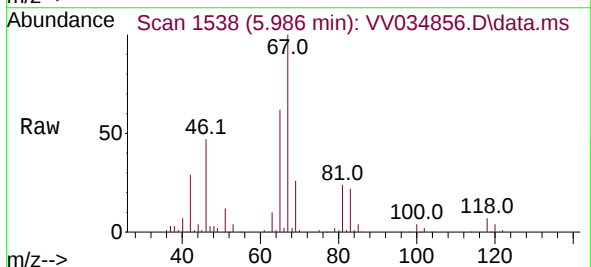
Instrument :
MSVOA_V
ClientSampleId :

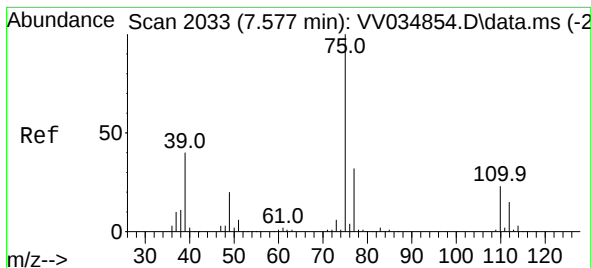
Tgt Ion: 62 Resp: 3121
Ion Ratio Lower Upper
62 100
98 9.8 7.2 10.8



#35
Methylcyclohexane
Concen: 19.682 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.064 min
Lab File: VV034856.D
Acq: 27 Mar 2024 11:42

Tgt Ion: 83 Resp: 38405
Ion Ratio Lower Upper
83 100
55 0.4 60.0 90.0#
98 1.1 37.6 56.4#





#44

trans-1,3-Dichloropropene

Concen: 1.775 ug/L

RT: 7.551 min Scan# 20

Delta R.T. -0.026 min

Lab File: VV034856.D

Acq: 27 Mar 2024 11:42

Instrument :

MSVOA_V

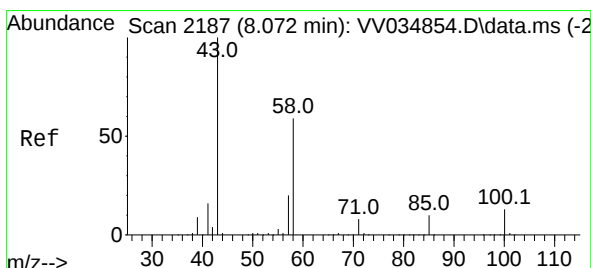
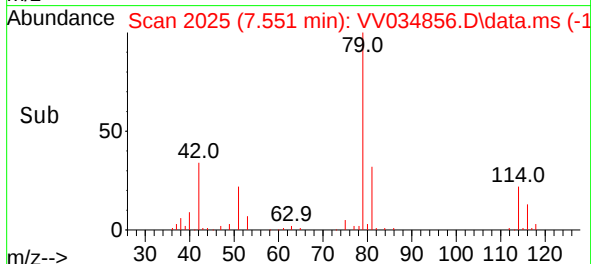
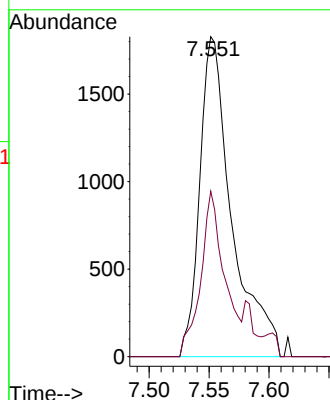
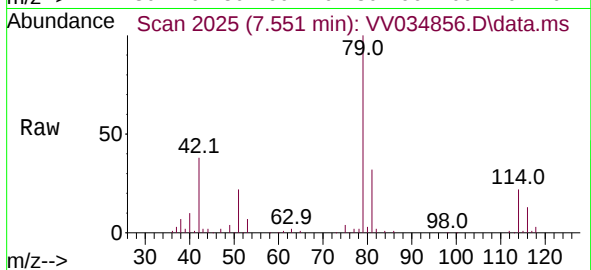
ClientSampleId :

Tgt Ion: 75 Resp: 3399

Ion Ratio Lower Upper

75 100

77 51.7 21.7 40.3#



#48

2-Hexanone

Concen: 12.333 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VV034856.D

Acq: 27 Mar 2024 11:42

Tgt Ion: 43 Resp: 17718

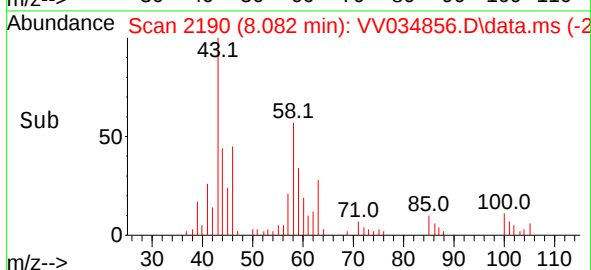
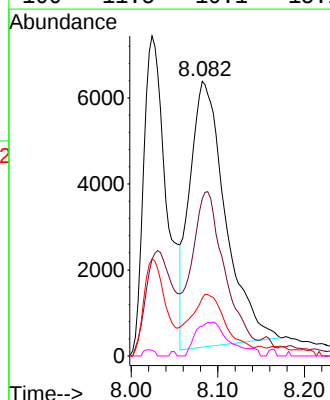
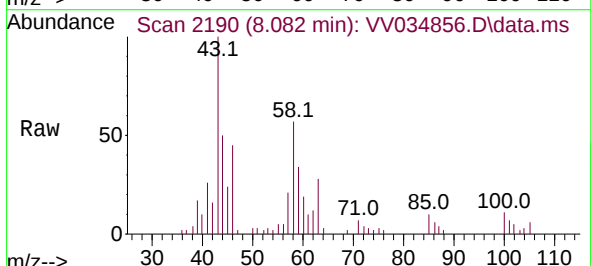
Ion Ratio Lower Upper

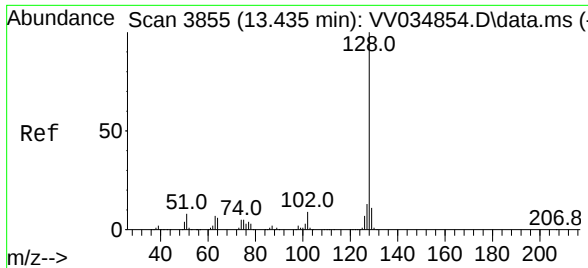
43 100

58 54.2 45.4 68.2

57 14.3 16.2 24.4#

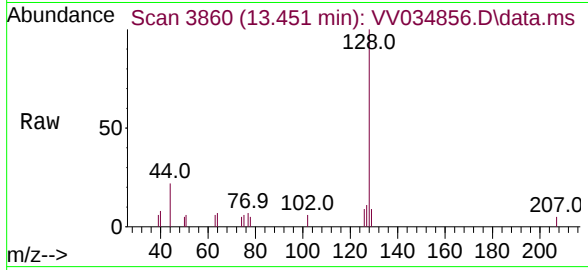
100 11.5 10.1 15.1





#71
 Naphthalene
 Concen: 1.056 ug/L
 RT: 13.451 min Scan# 3860
 Delta R.T. 0.016 min
 Lab File: VV034856.D
 Acq: 27 Mar 2024 11:42

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	4531
Ion	Ratio	Lower	Upper
128	100		
127	7.0	10.5	15.7#
129	4.9	8.7	13.1#

