

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036075.D
 Acq On : 13 Jun 2024 21:26
 Operator : SY/MD
 Sample : P2856-08
 Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 03:08:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 02:40:50 2024
 Response via : Initial Calibration

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

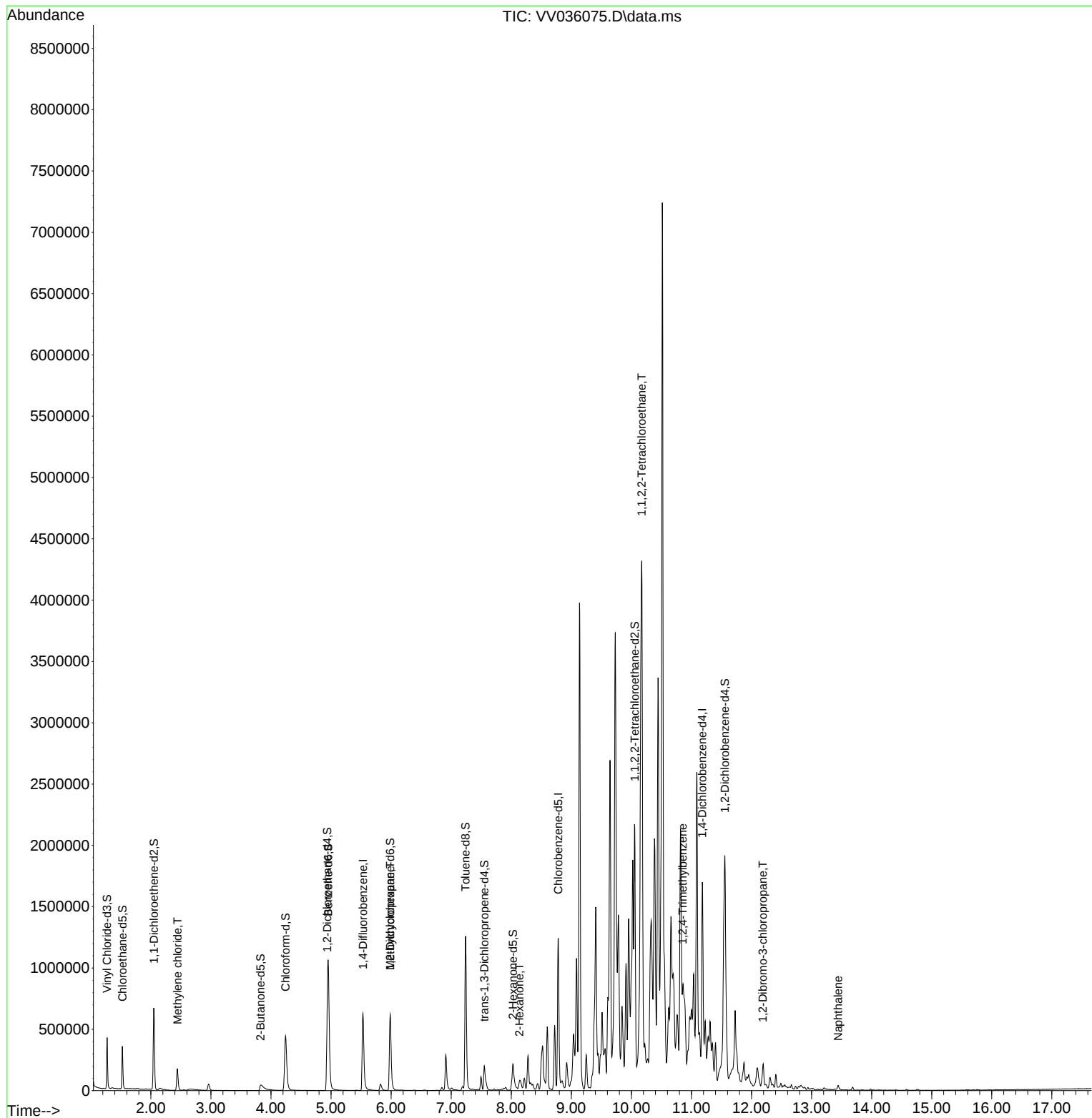
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	569471	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	680343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	362063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	283693	27.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.400%
7) Chloroethane-d5	1.526	69	229756	27.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.080%
11) 1,1-Dichloroethene-d2	2.050	65	117820	25.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.120%
21) 2-Butanone-d5	3.828	46	88851	36.988	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.980%
24) Chloroform-d	4.243	84	498202	27.518	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.080%
26) 1,2-Dichloroethane-d4	4.937	65	277894	29.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.120%
32) Benzene-d6	4.953	84	989622	24.471	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	5.986	67	323944	25.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	7.239	98	864846	24.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.960%
43) trans-1,3-Dichloroprop...	7.551	79	126622	24.249	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.000%
47) 2-Hexanone-d5	8.030	63	83846	48.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.180%
56) 1,1,2,2-Tetrachloroeth...	10.056	84	13980	1.469	ug/L	-0.09
Spiked Amount	25.000	Range	45 - 120	Recovery	=	5.880%#
66) 1,2-Dichlorobenzene-d4	11.558	152	354001	26.662	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.640%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	79598	6.177	ug/L	98
35) Methylcyclohexane	5.986	83	76861	4.076	ug/L #	20
48) 2-Hexanone	8.137	43	10069	2.029	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.172	83	327220	37.801	ug/L #	36
63) 1,2,4-Trimethylbenzene	10.853	105	28119	0.775	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.188	75	1463	0.764	ug/L #	4
71) Naphthalene	13.442	128	29787	1.270	ug/L	96

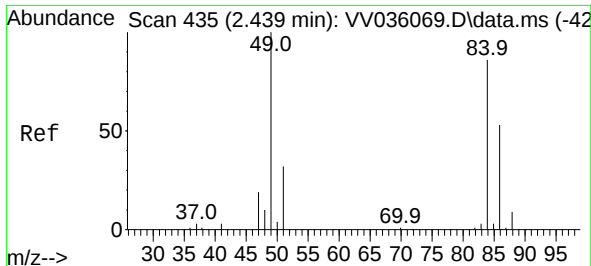
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 14 02:40:50 2024
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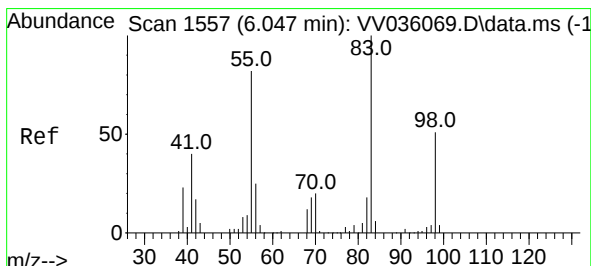
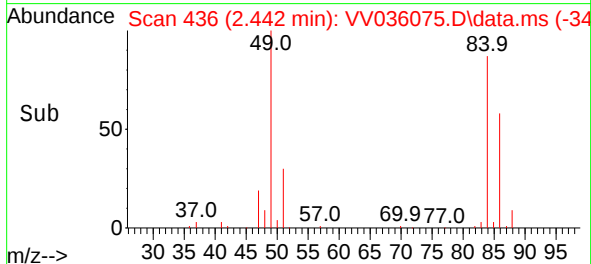
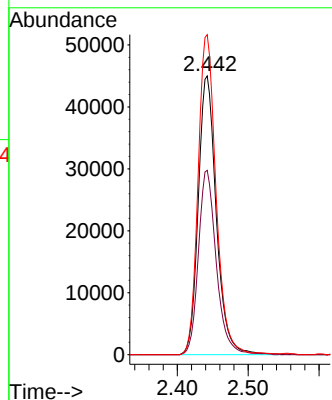
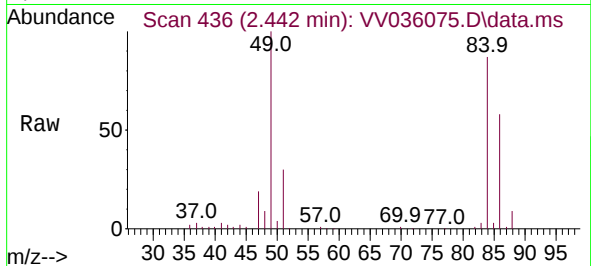




#16
Methylene chloride
Concen: 6.177 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036075.D
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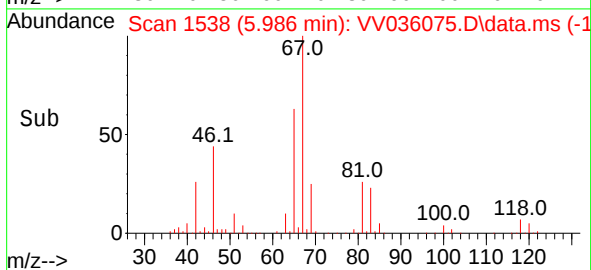
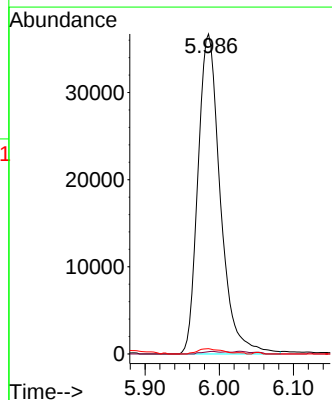
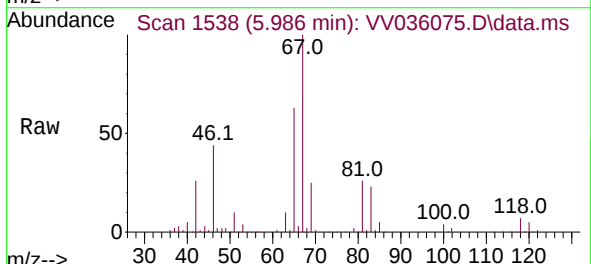
Instrument :
MSVOA_V
ClientSampleId :

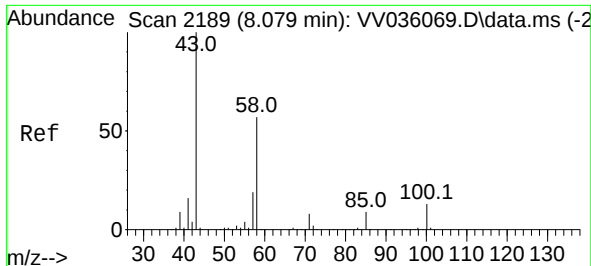
Tgt Ion: 84 Resp: 79598
Ion Ratio Lower Upper
84 100
86 66.2 44.6 82.8
49 114.8 81.1 150.5



#35
Methylcyclohexane
Concen: 4.076 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV036075.D
Acq: 13 Jun 2024 21:26

Tgt Ion: 83 Resp: 76861
Ion Ratio Lower Upper
83 100
55 0.6 60.7 91.1#
98 1.7 38.7 58.1#

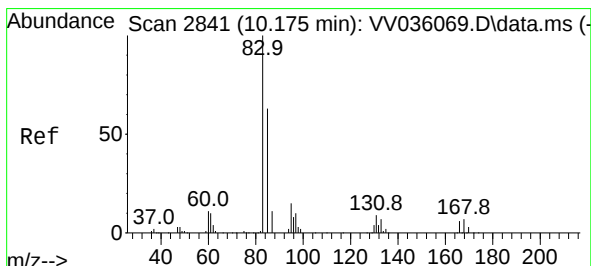
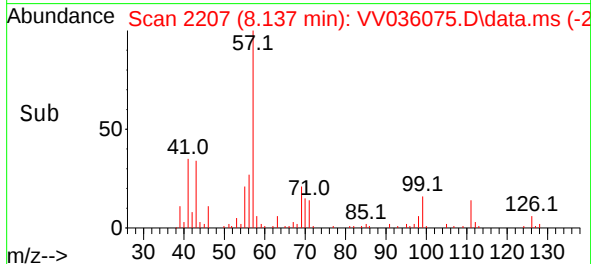
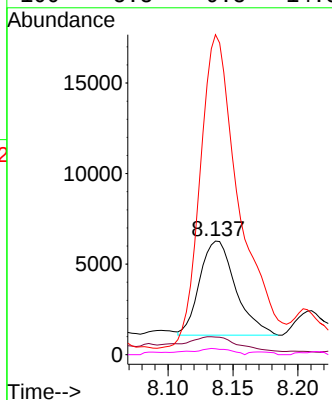
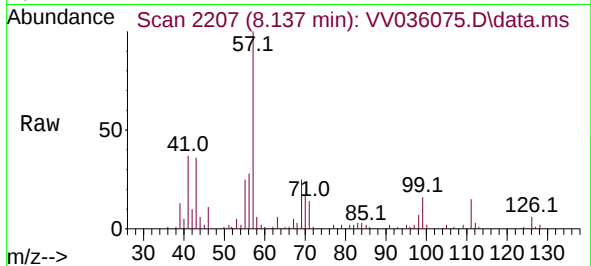




#48
2-Hexanone
Concen: 2.029 ug/L
RT: 8.137 min Scan# 2189
Delta R.T. 0.058 min
Lab File: VV036075.D
Acq: 13 Jun 2024 21:26

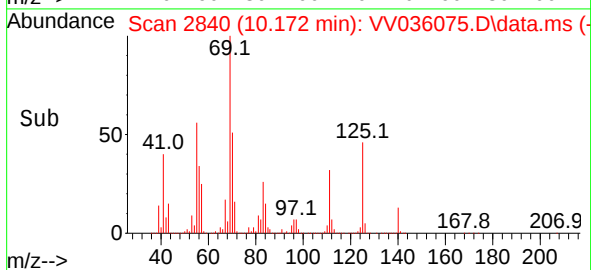
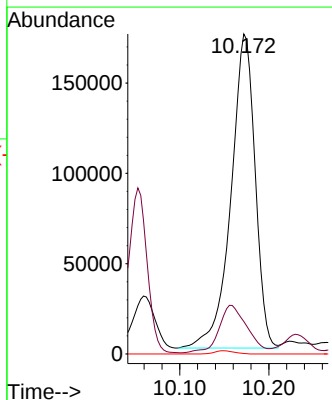
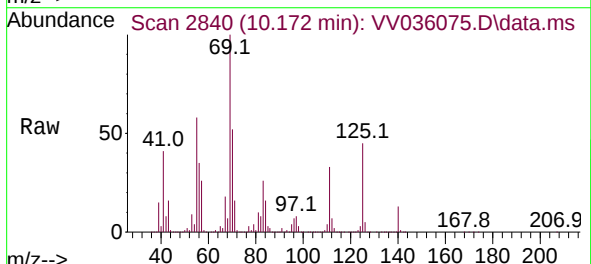
Instrument :
MSVOA_V
ClientSampleId :

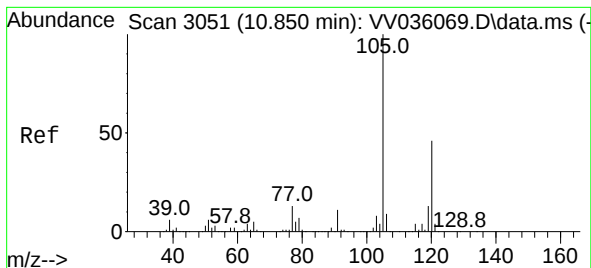
Tgt Ion: 43	Resp: 10069
Ion Ratio	Lower Upper
43 100	
58 19.7	45.4 68.0#
57 365.3	15.8 23.8#
100 5.3	9.8 14.8#



#57
1,1,2,2-Tetrachloroethane
Concen: 37.801 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.003 min
Lab File: VV036075.D
Acq: 13 Jun 2024 21:26

Tgt Ion: 83	Resp: 327220
Ion Ratio	Lower Upper
83 100	
85 10.1	45.1 83.7#
131 0.2	7.6 11.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.775 ug/L

RT: 10.853 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV036075.D

Acq: 13 Jun 2024 21:26

Instrument :

MSVOA_V

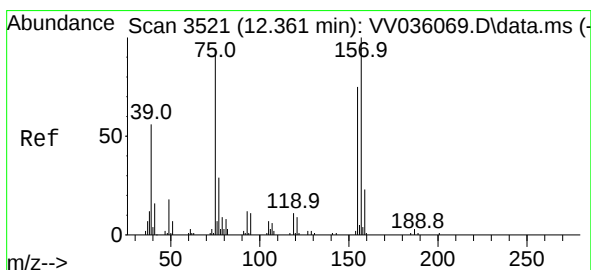
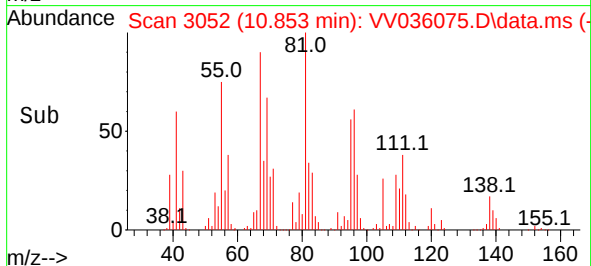
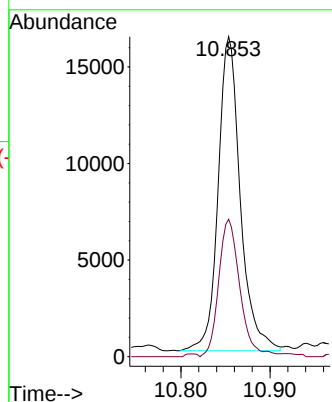
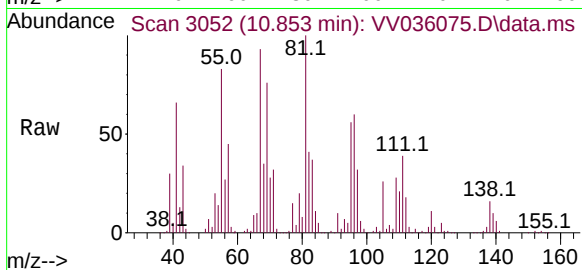
ClientSampleId :

Tgt Ion:105 Resp: 28119

Ion Ratio Lower Upper

105 100

120 41.0 36.2 54.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.764 ug/L

RT: 12.188 min Scan# 3467

Delta R.T. -0.174 min

Lab File: VV036075.D

Acq: 13 Jun 2024 21:26

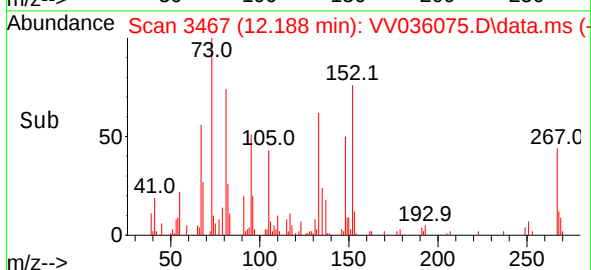
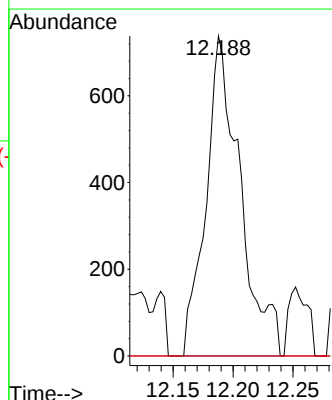
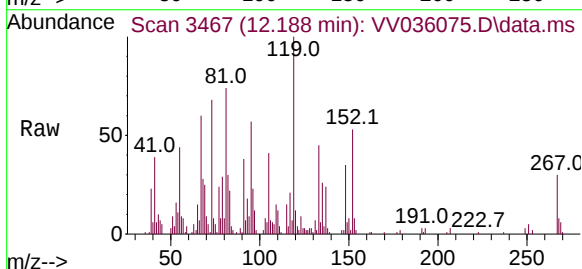
Tgt Ion: 75 Resp: 1463

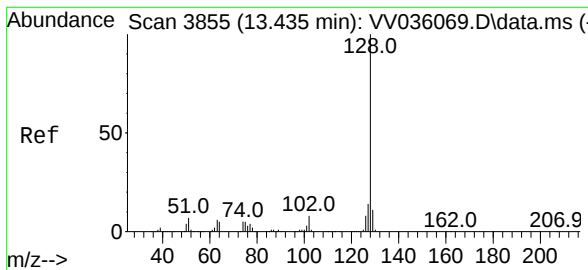
Ion Ratio Lower Upper

75 100

155 0.0 63.3 94.9#

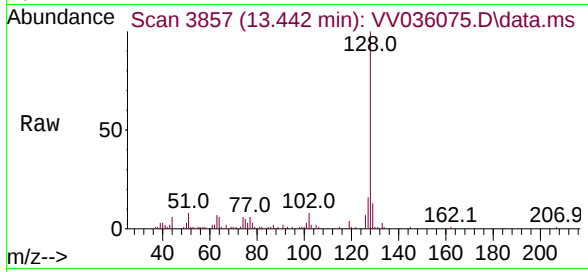
157 0.0 82.4 123.6#





#71
 Naphthalene
 Concen: 1.270 ug/L
 RT: 13.442 min Scan# 3857
 Delta R.T. 0.006 min
 Lab File: VV036075.D
 Acq: 13 Jun 2024 21:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:128 Resp: 29787

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	16.0
129	13.1	8.8	13.2

