

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029667.D
 Acq On : 13 Dec 2022 21:54
 Operator : SY/MD
 Sample : N5928-14DL 25X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ75DL

Quant Time: Dec 14 01:13:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 23:56:43 2022
 Response via : Initial Calibration

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

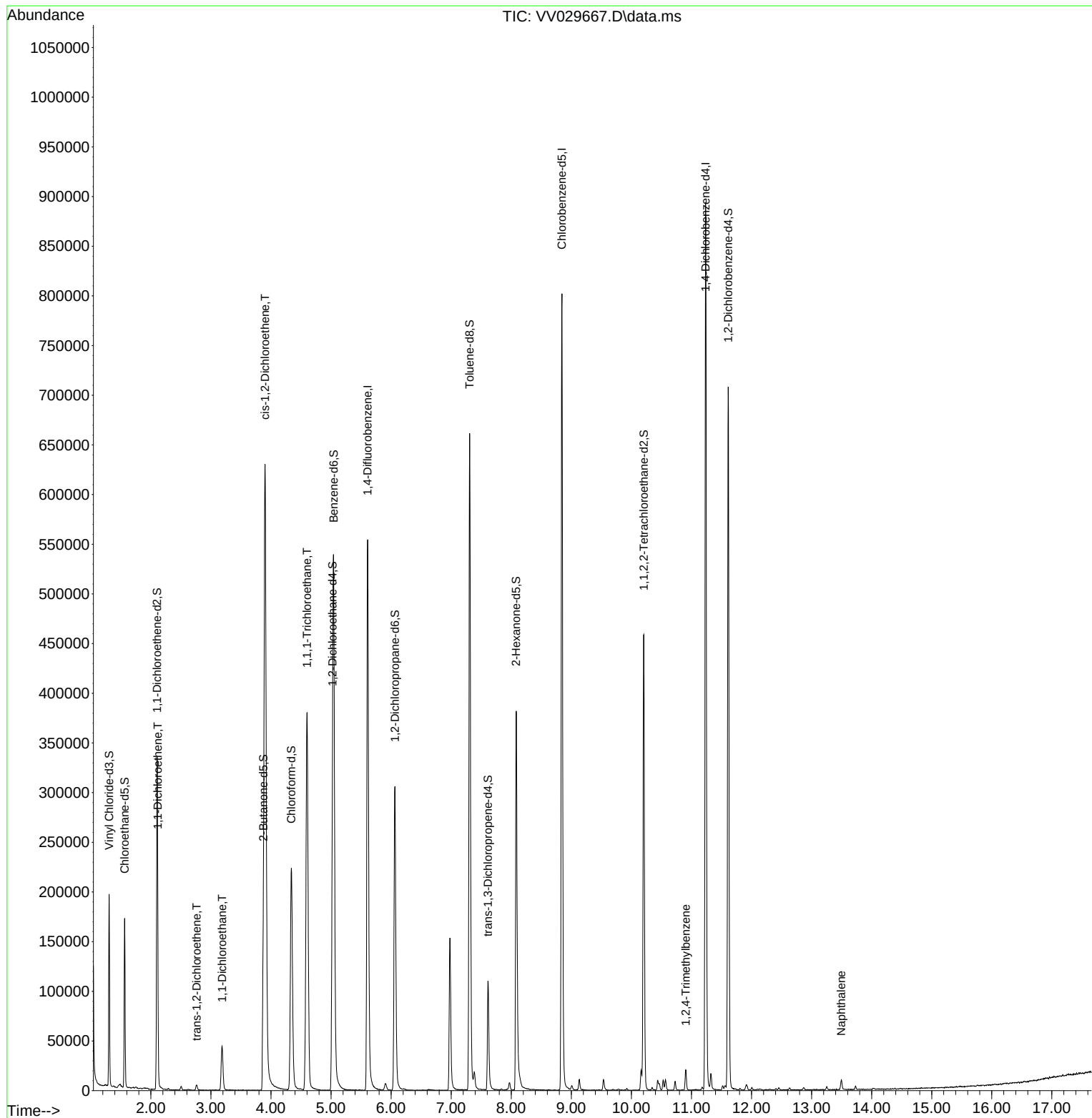
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	512406	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	466529	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	243632	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	123177	39.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.520%
7) Chloroethane-d5	1.564	69	107505	44.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.860%
11) 1,1-Dichloroethene-d2	2.105	63	169588	34.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.300%
21) 2-Butanone-d5	3.873	46	180537	94.319	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.320%
24) Chloroform-d	4.339	84	244120	41.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.680%
26) 1,2-Dichloroethane-d4	5.024	65	144292	42.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.580%
32) Benzene-d6	5.043	84	517811	42.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.020%
36) 1,2-Dichloropropane-d6	6.063	67	162229	43.084	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	7.307	98	462643	39.831	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.660%#
43) trans-1,3-Dichloroprop...	7.612	79	66498	34.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.940%
47) 2-Hexanone-d5	8.082	63	145687	90.606	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.610%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227745	42.326	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.660%
66) 1,2-Dichlorobenzene-d4	11.612	152	192929	41.599	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	4268	1.558	ug/L #	1
17) trans-1,2-Dichloroethene	2.760	96	2316	0.734	ug/L	93
19) 1,1-Dichloroethane	3.185	63	46333	8.570	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	354097	102.037	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	320969	63.148	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	11909	0.950	ug/L	100
71) Naphthalene	13.493	128	9865	0.879	ug/L	97

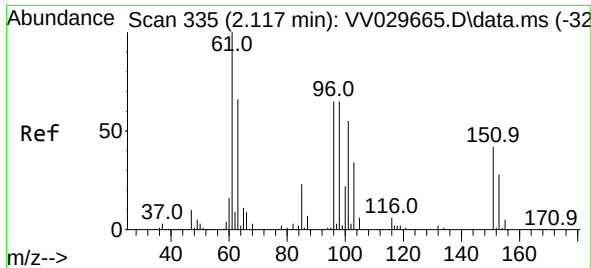
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 13 23:56:43 2022
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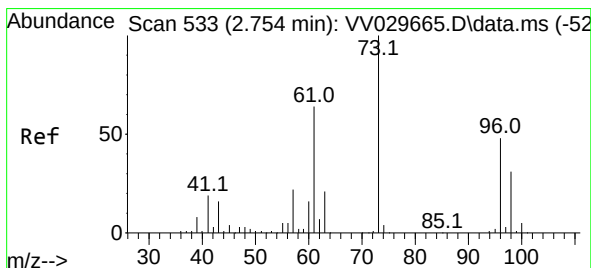
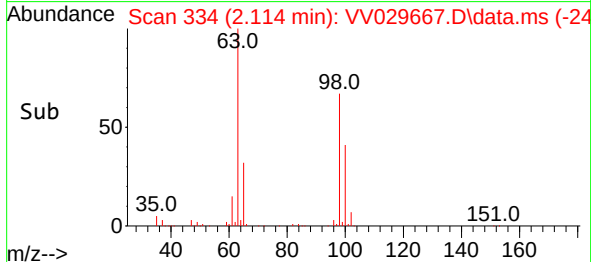
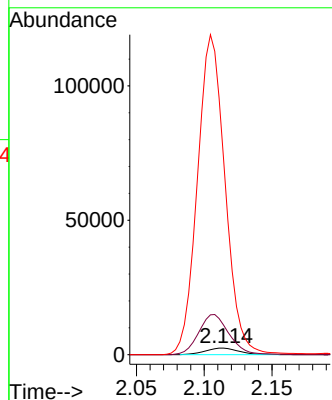
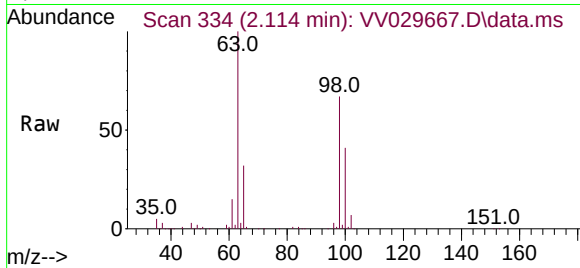




#12
1,1-Dichloroethene
Concen: 1.558 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029667.D
Acq: 13 Dec 2022 21:54

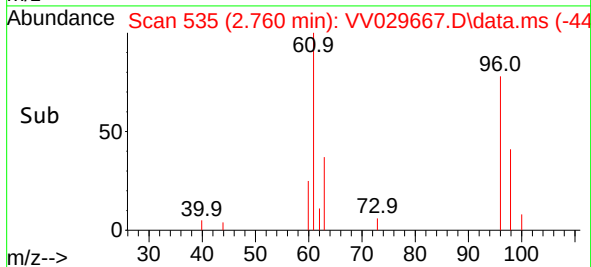
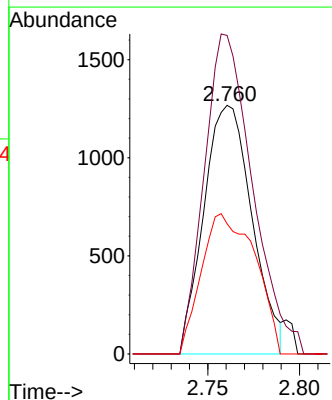
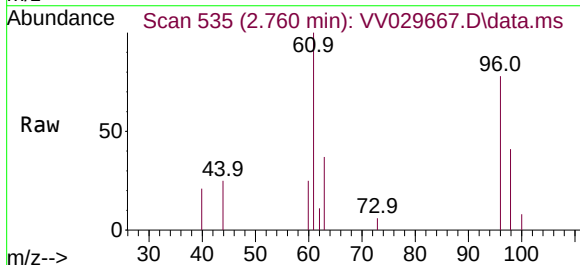
Instrument :
MSVOA_V
ClientSampleId :
EXZ75DL

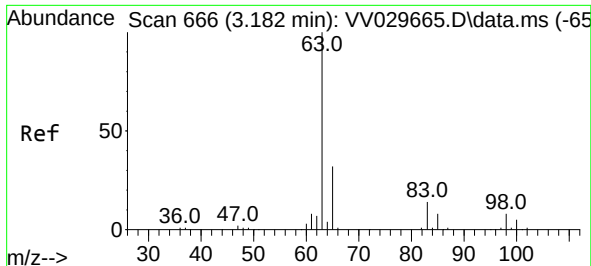
Tgt Ion: 96 Resp: 4268
Ion Ratio Lower Upper
96 100
61 445.3 103.3 191.9#
63 2949.2 77.3 143.7#



#17
trans-1,2-Dichloroethene
Concen: 0.734 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029667.D
Acq: 13 Dec 2022 21:54

Tgt Ion: 96 Resp: 2316
Ion Ratio Lower Upper
96 100
61 128.2 86.4 160.4
98 52.4 43.4 80.6





#19

1,1-Dichloroethane

Concen: 8.570 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029667.D

Acq: 13 Dec 2022 21:54

Instrument :

MSVOA_V

ClientSampleId :

EXZ75DL

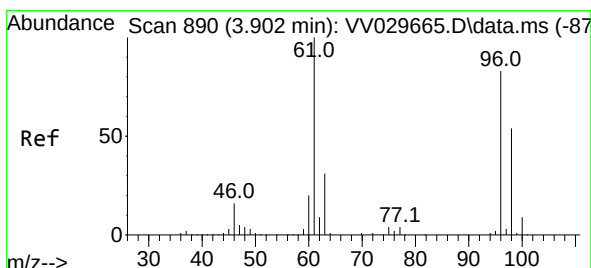
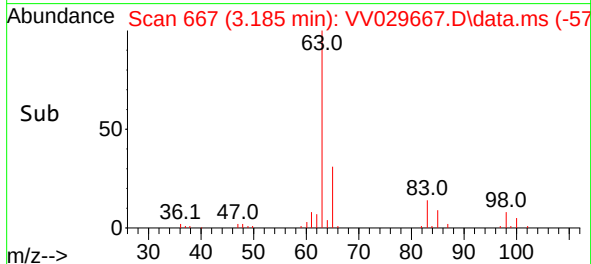
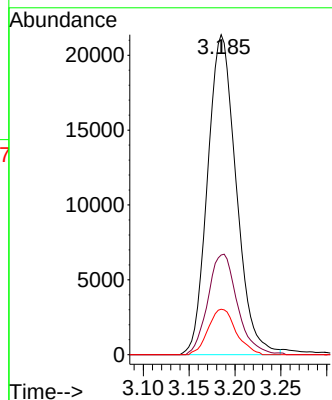
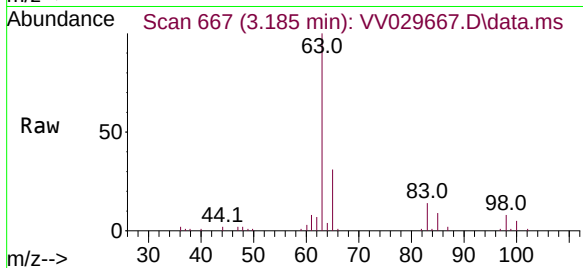
Tgt Ion: 63 Resp: 46333

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

83 14.2 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 102.037 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.000 min

Lab File: VV029667.D

Acq: 13 Dec 2022 21:54

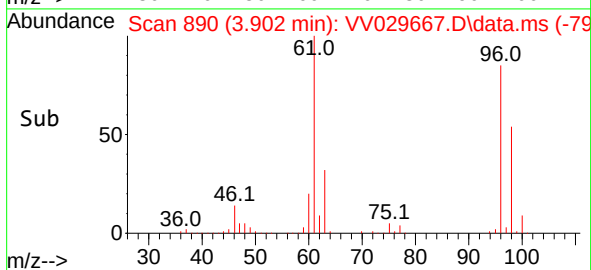
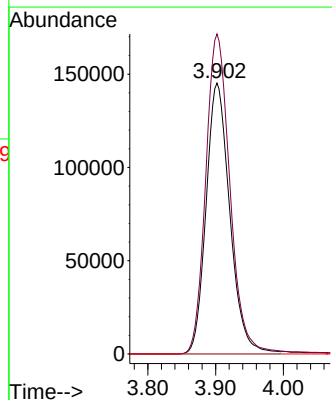
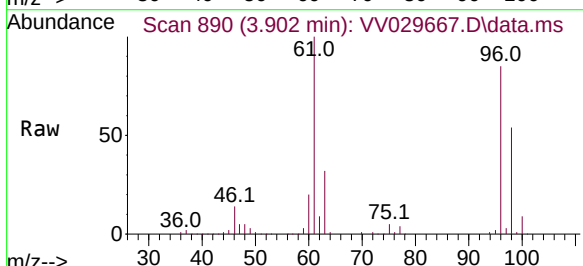
Tgt Ion: 96 Resp: 354097

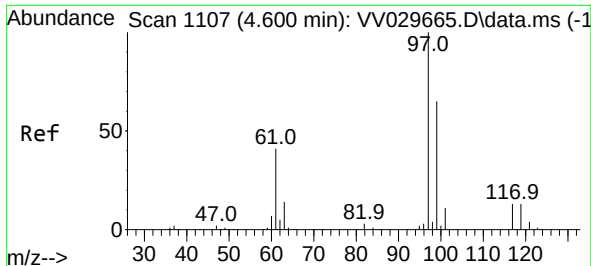
Ion Ratio Lower Upper

96 100

61 118.2 78.0 144.9

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 63.148 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV029667.D

Acq: 13 Dec 2022 21:54

Instrument :

MSVOA_V

ClientSampleId :

EXZ75DL

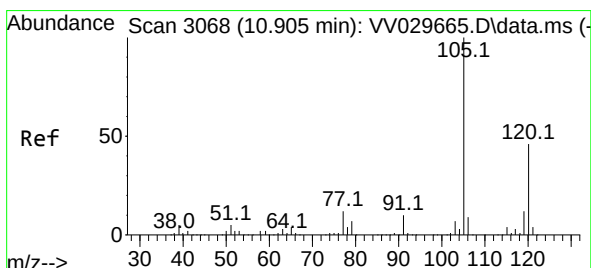
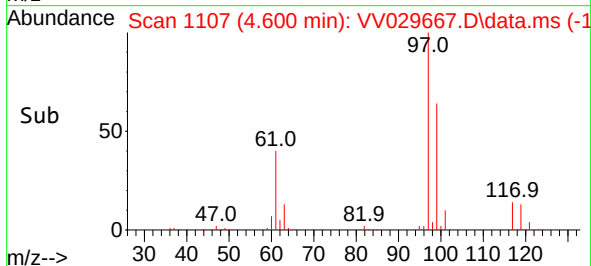
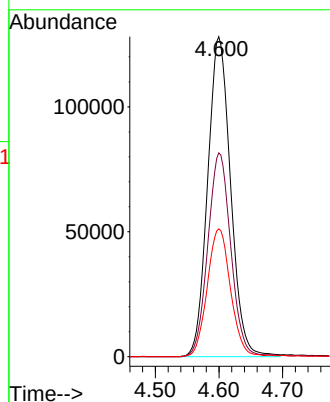
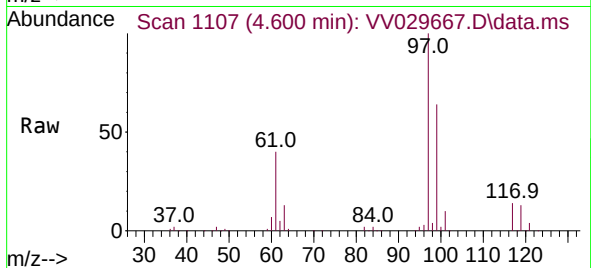
Tgt Ion: 97 Resp: 320969

Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 40.4 31.8 47.8



#63

1,2,4-Trimethylbenzene

Concen: 0.950 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV029667.D

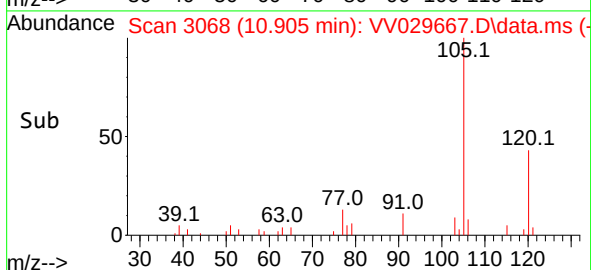
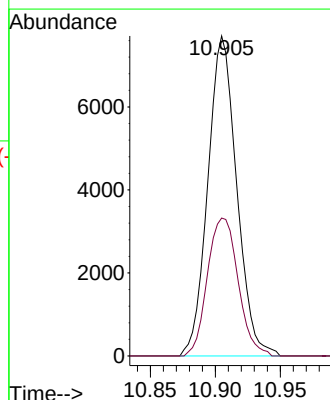
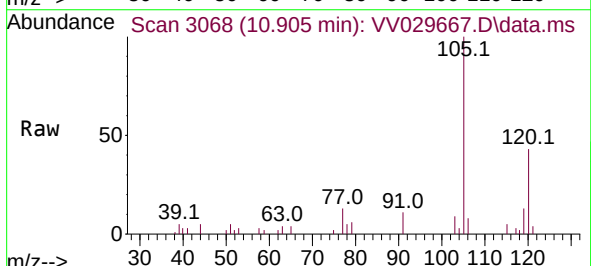
Acq: 13 Dec 2022 21:54

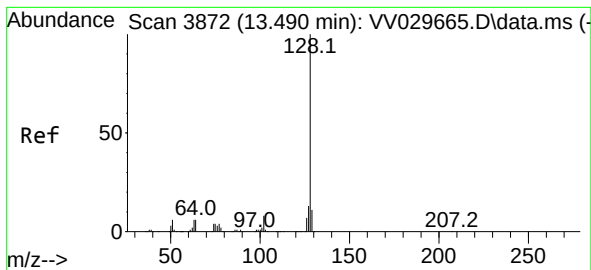
Tgt Ion: 105 Resp: 11909

Ion Ratio Lower Upper

105 100

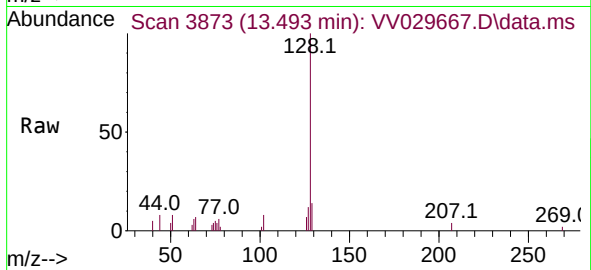
120 45.9 36.7 55.1





#71
Naphthalene
Concen: 0.879 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029667.D
Acq: 13 Dec 2022 21:54

Instrument :
MSVOA_V
ClientSampleId :
EXZ75DL



Tgt Ion:	128	Resp:	9865
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.4
129	9.8	8.5	12.7

