

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028468.D
 Acq On : 09 Oct 2022 04:15
 Operator : SY/MD
 Sample : N4923-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E10028

Quant Time: Oct 09 05:55:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

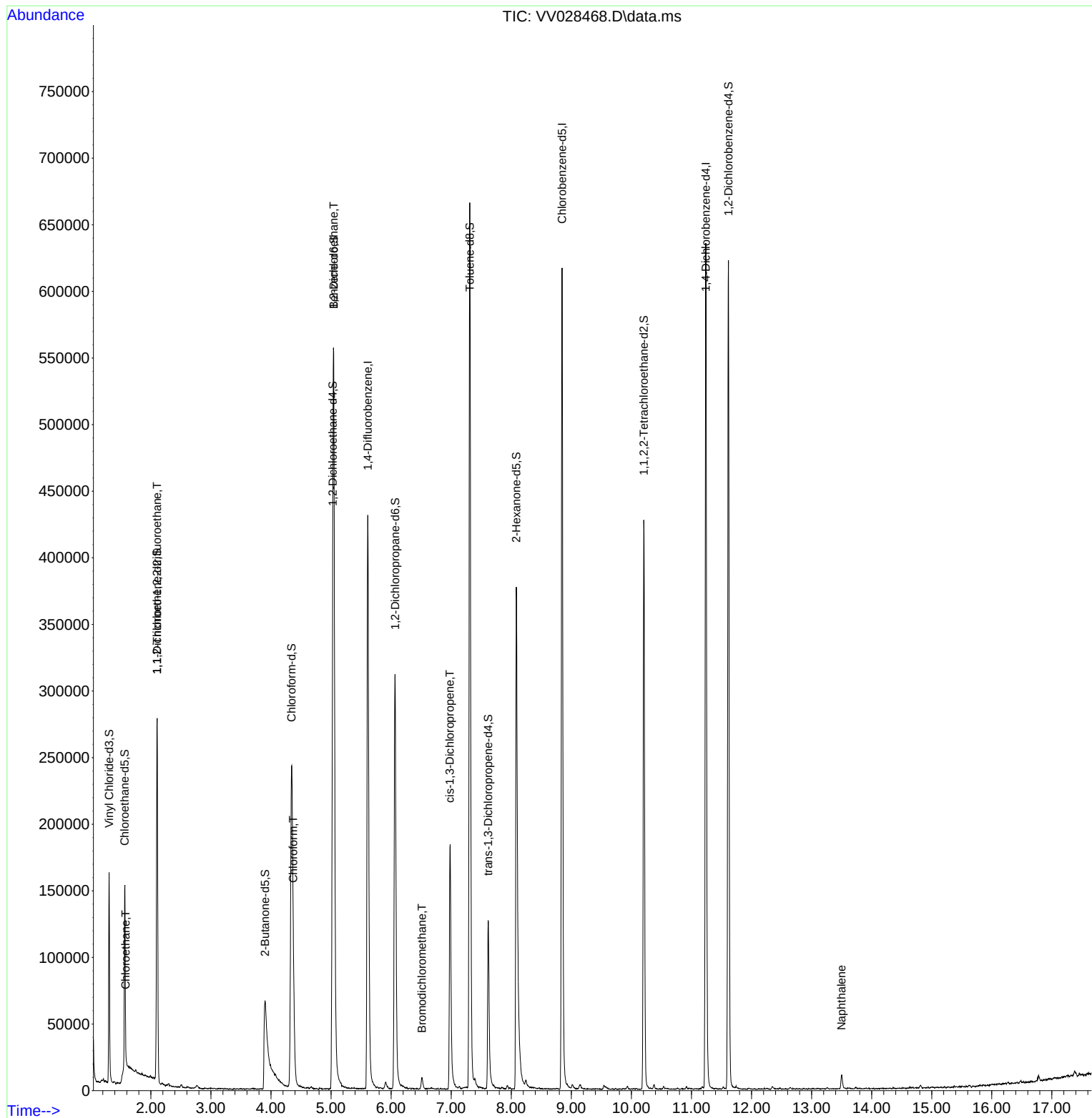
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	371385	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	334025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	162762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	102783	35.867	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	71.740%	
7) Chloroethane-d5	1.564	69	87030	38.302	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.105	63	141887	29.093	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.180%#	
21) 2-Butanone-d5	3.902	46	157990	62.980	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	62.980%	
24) Chloroform-d	4.342	84	236546	45.008	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.020%	
26) 1,2-Dichloroethane-d4	5.027	65	154444	45.565	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.140%	
32) Benzene-d6	5.043	84	484905	45.304	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.066	67	157124	45.025	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.040%	
41) Toluene-d8	7.310	98	435925	45.490	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.980%	
43) trans-1,3-Dichloroprop...	7.616	79	77092	43.341	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.680%	
47) 2-Hexanone-d5	8.085	63	160555	84.576	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	84.580%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	207022	43.352	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	86.700%	
66) 1,2-Dichlorobenzene-d4	11.615	152	159210	47.208	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.420%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.580	64	28428	14.824	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1520	0.687	ug/L #	28
25) Chloroform	4.371	83	72388	14.326	ug/L	98
27) 1,2-Dichloroethane	5.043	62	2886	0.745	ug/L	98
38) Bromodichloromethane	6.513	83	5987	1.560	ug/L	96
39) cis-1,3-Dichloropropene	6.979	75	4741	1.012	ug/L #	81
71) Naphthalene	13.500	128	10377	0.972	ug/L #	95

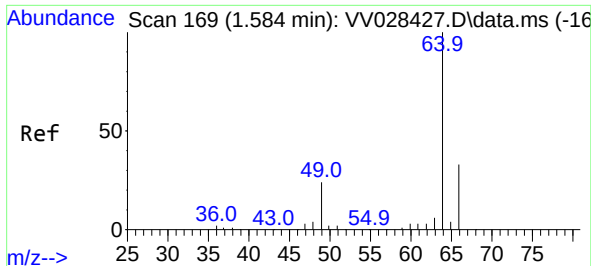
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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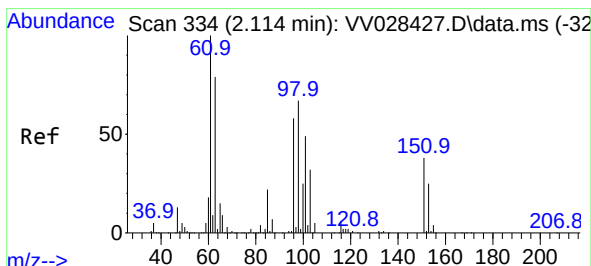
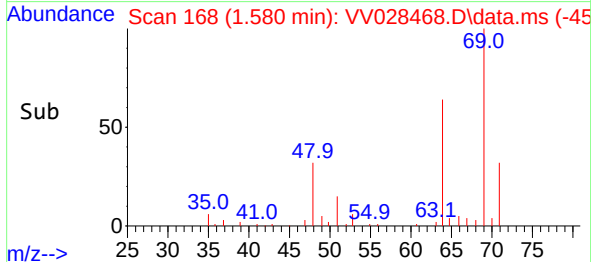
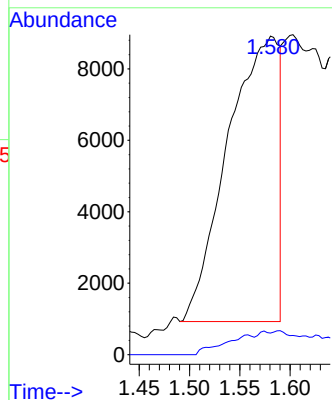
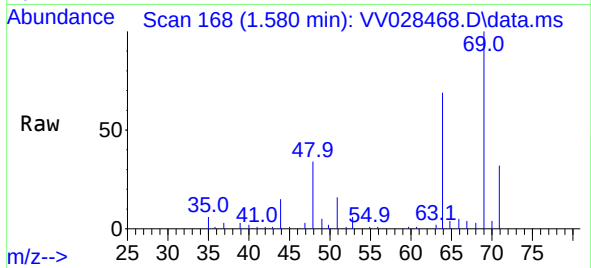




#8
Chloroethane
Concen: 14.824 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028468.D
Acq: 09 Oct 2022 04:15

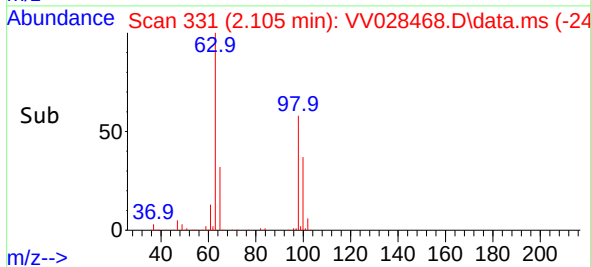
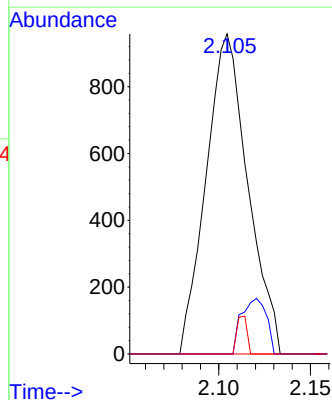
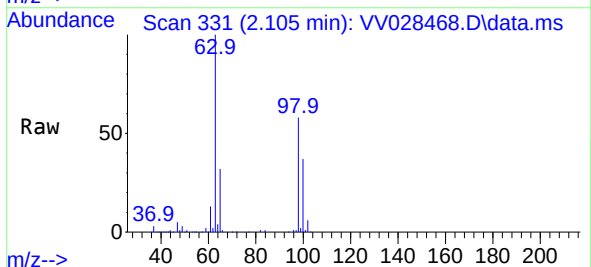
Instrument :
MSVOA_V
ClientSampleId :
E10028

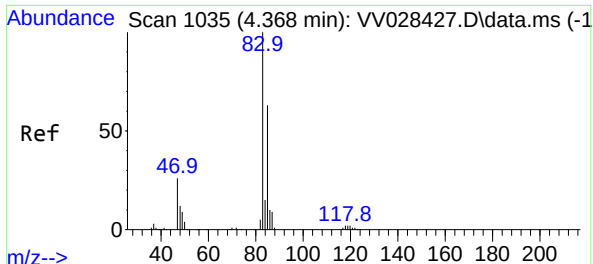
Tgt Ion: 64 Resp: 28428
Ion Ratio Lower Upper
64 100
66 6.8 22.2 41.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.687 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV028468.D
Acq: 09 Oct 2022 04:15

Tgt Ion:101 Resp: 1520
Ion Ratio Lower Upper
101 100
85 10.3 34.9 52.3#
151 2.8 59.2 88.8#





#25

Chloroform

Concen: 14.326 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028468.D

Acq: 09 Oct 2022 04:15

Instrument :

MSVOA_V

ClientSampleId :

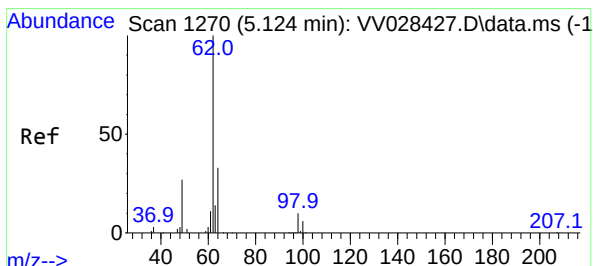
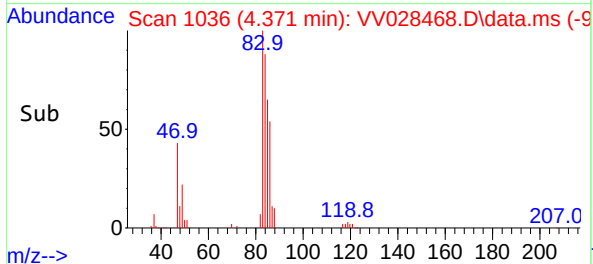
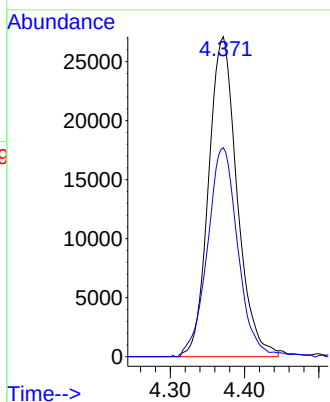
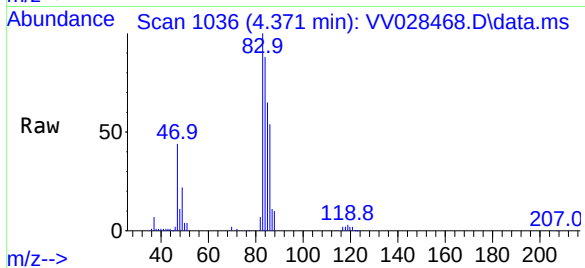
E10028

Tgt Ion: 83 Resp: 72388

Ion Ratio Lower Upper

83 100

85 65.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.745 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.081 min

Lab File: VV028468.D

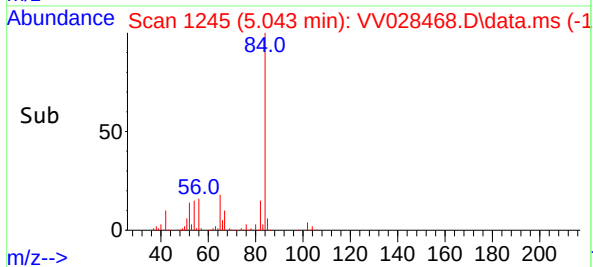
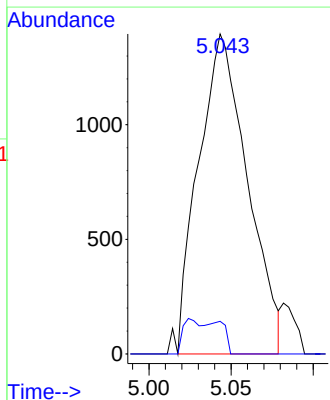
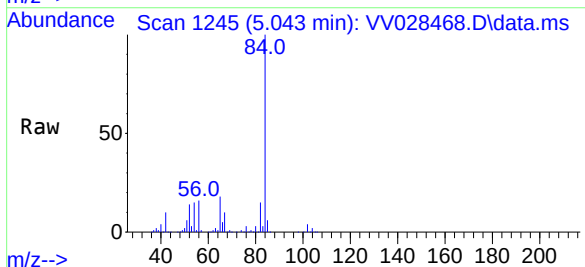
Acq: 09 Oct 2022 04:15

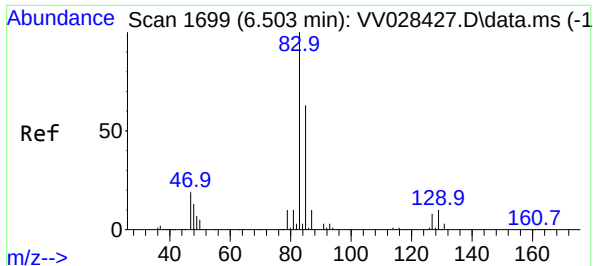
Tgt Ion: 62 Resp: 2886

Ion Ratio Lower Upper

62 100

98 10.2 7.6 11.4





#38

Bromodichloromethane

Concen: 1.560 ug/L

RT: 6.513 min Scan# 1

Delta R.T. 0.009 min

Lab File: VV028468.D

Acq: 09 Oct 2022 04:15

Instrument :

MSVOA_V

ClientSampleId :

E10028

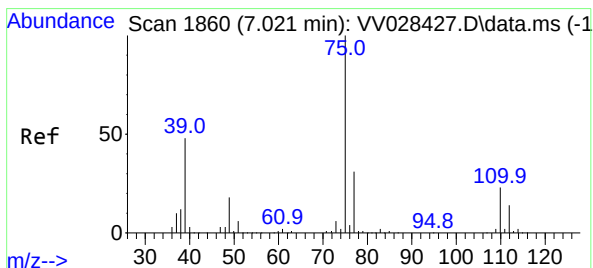
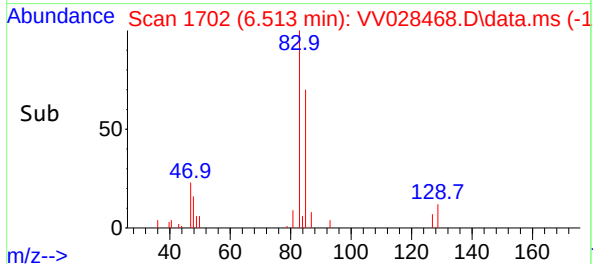
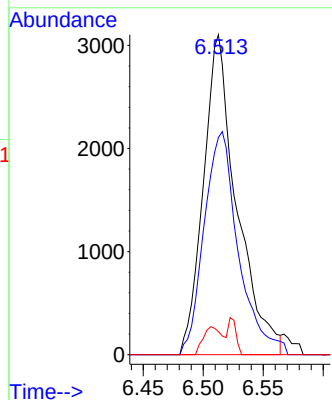
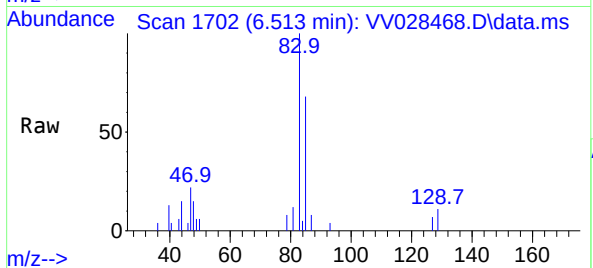
Tgt Ion: 83 Resp: 5987

Ion Ratio Lower Upper

83 100

85 67.9 45.1 83.7

127 7.2 7.0 10.4



#39

cis-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV028468.D

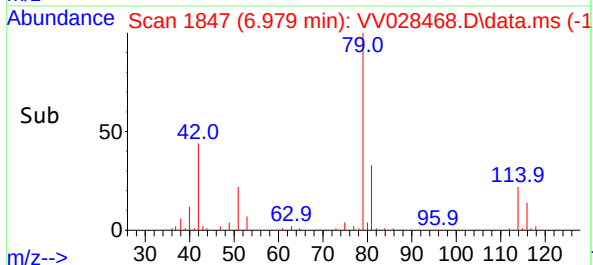
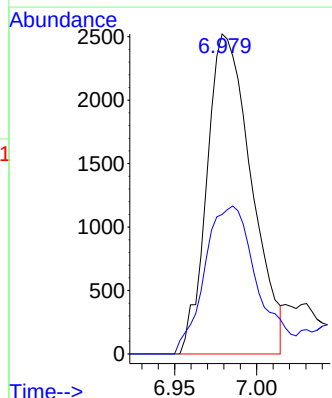
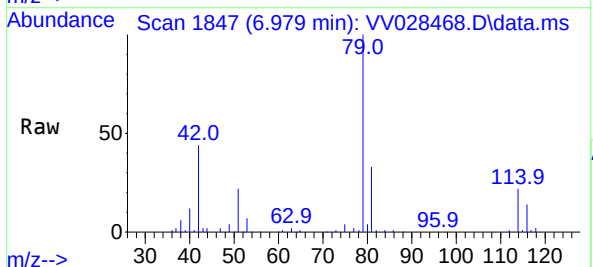
Acq: 09 Oct 2022 04:15

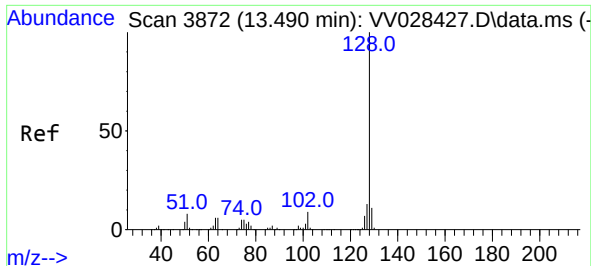
Tgt Ion: 75 Resp: 4741

Ion Ratio Lower Upper

75 100

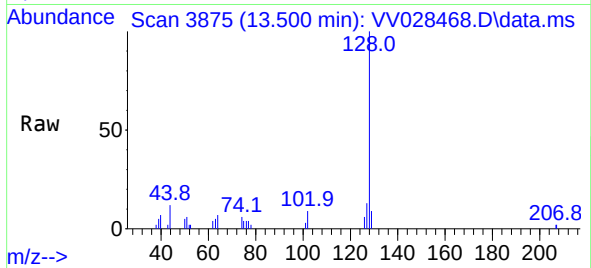
77 43.6 23.2 43.0#





#71
Naphthalene
Concen: 0.972 ug/L
RT: 13.500 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV028468.D
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Tgt Ion:	128	Resp:	10377
Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.6	15.8#
129	10.1	8.9	13.3

