

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102623\
 Data File : VW032667.D
 Acq On : 26 Oct 2023 18:26
 Operator : SY/MD
 Sample : 05053-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 05:38:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 27 05:30:38 2023
 Response via : Initial Calibration

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

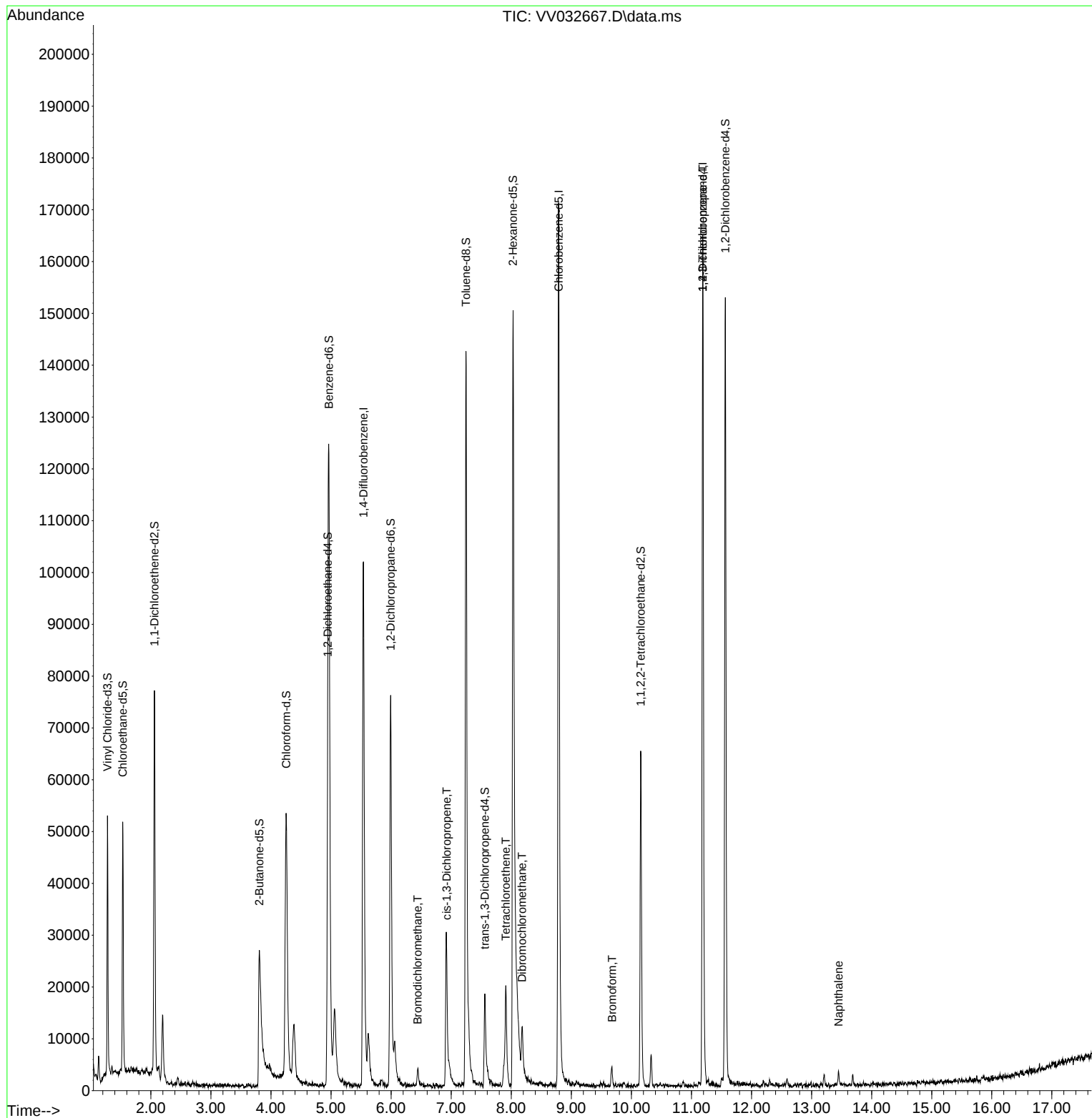
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	86730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	100746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30618	4.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.532	69	30286	5.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.060	65	11746	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.805	46	53323	29.884	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.760%
24) Chloroform-d	4.252	84	53908	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.944	65	29041	4.927	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	4.963	84	111949	3.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
36) 1,2-Dichloropropane-d6	5.992	67	35300	3.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.246	98	102631	3.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.561	79	12085	3.472	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.030	63	61986	37.853	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32036	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	37991	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
38) Bromodichloromethane	6.442	83	2896	0.257	ug/L #	99
39) cis-1,3-Dichloropropene	6.928	75	863	0.064	ug/L	88
47) Tetrachloroethene	7.908	164	4444	0.605	ug/L	96
49) Dibromochloromethane	8.181	129	4804	0.690	ug/L	94
59) Bromoform	9.677	173	1620	0.520	ug/L #	88
61) 1,2,3-Trichloropropane	11.188	75	5813	1.276	ug/L #	64
71) Naphthalene	13.448	128	2101	0.120	ug/L #	95

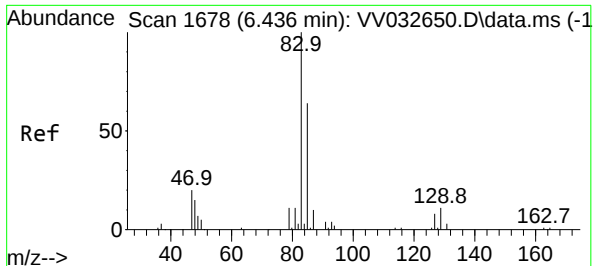
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 27 05:30:38 2023
Response via : Initial Calibration

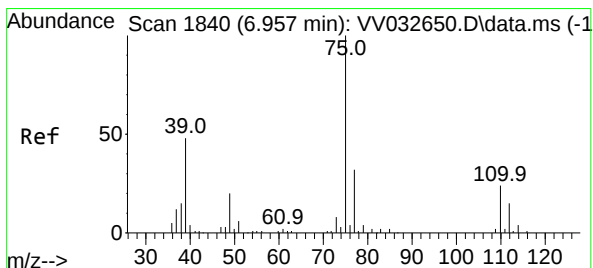
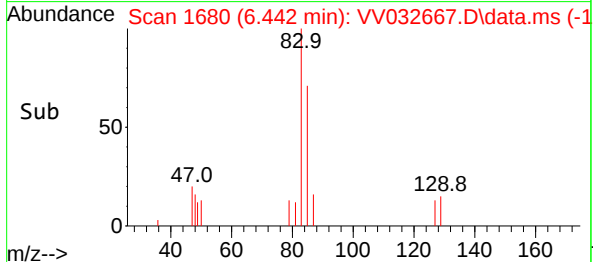
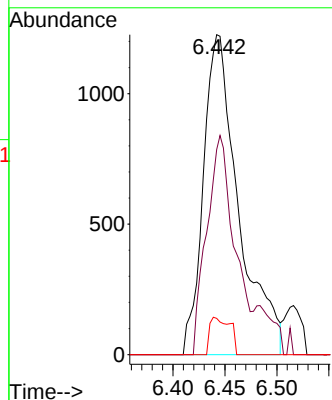
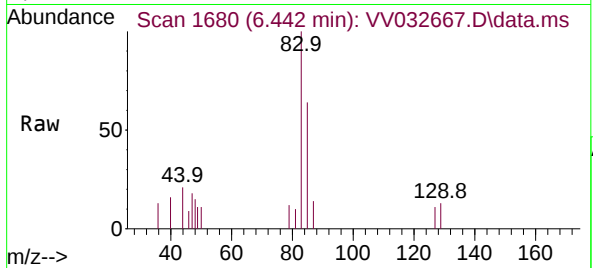




#38
Bromodichloromethane
Concen: 0.257 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV032667.D
Acq: 26 Oct 2023 18:26

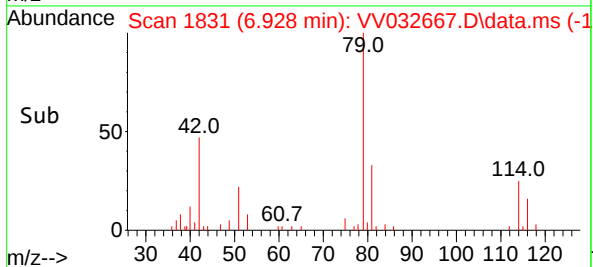
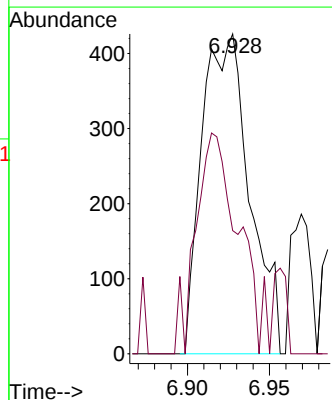
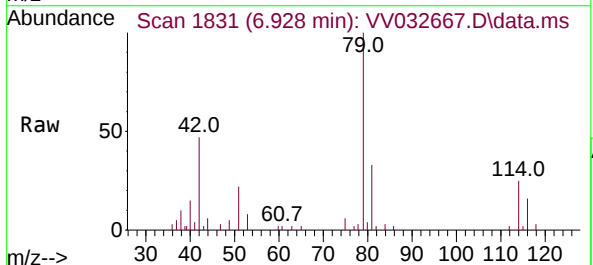
Instrument :
MSVOA_V
ClientSampleId :

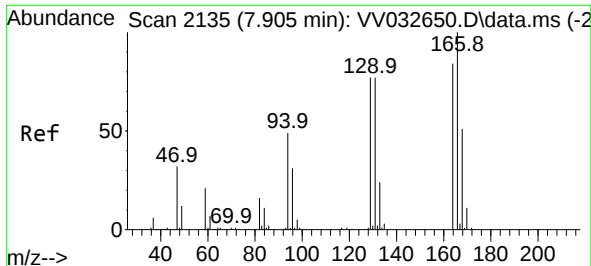
Tgt Ion: 83 Resp: 2896
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.3
127 11.3 6.9 10.3#



#39
cis-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 6.928 min Scan# 1831
Delta R.T. -0.029 min
Lab File: VV032667.D
Acq: 26 Oct 2023 18:26

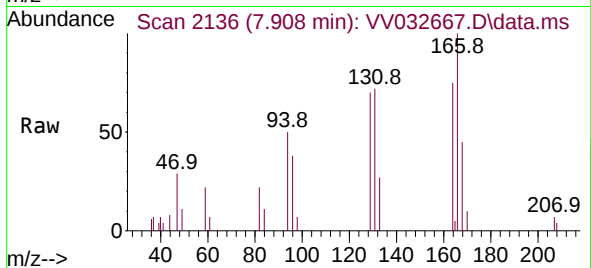
Tgt Ion: 75 Resp: 863
Ion Ratio Lower Upper
75 100
77 38.5 22.2 41.2



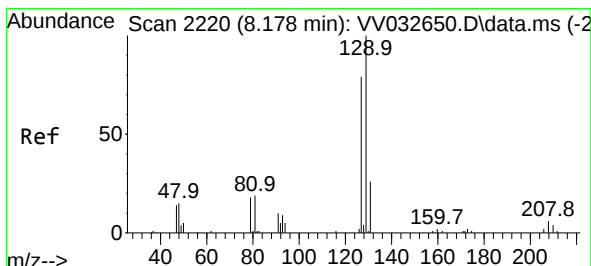
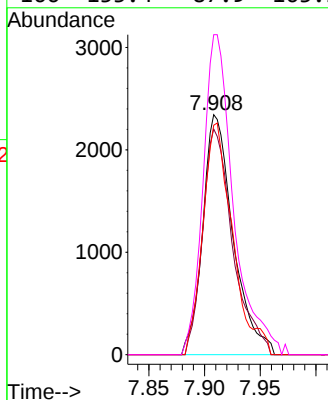
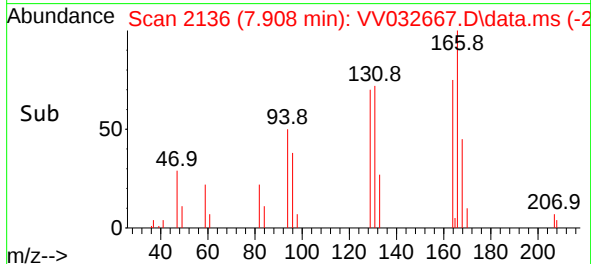


#47
Tetrachloroethene
Concen: 0.605 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032667.D
Acq: 26 Oct 2023 18:26

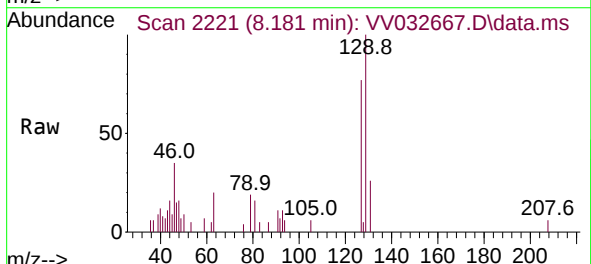
Instrument :
MSVOA_V
ClientSampleId :



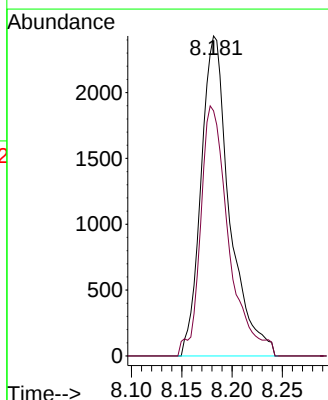
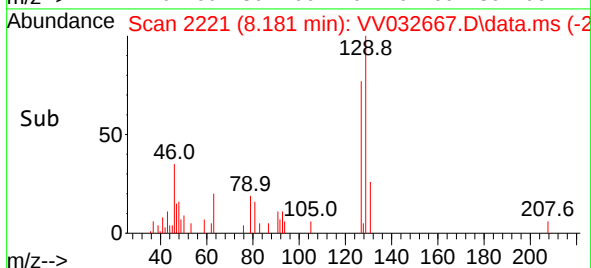
Tgt Ion:164 Resp: 4444
Ion Ratio Lower Upper
164 100
129 94.0 66.4 123.4
131 95.6 63.7 118.3
166 133.4 87.9 163.3

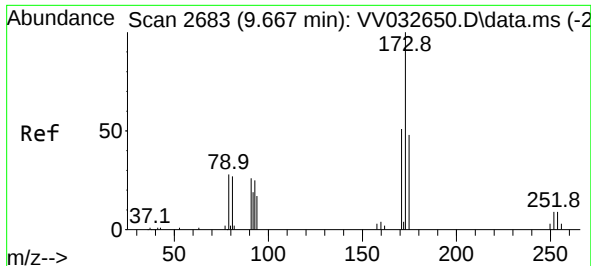


#49
Dibromochloromethane
Concen: 0.690 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032667.D
Acq: 26 Oct 2023 18:26



Tgt Ion:129 Resp: 4804
Ion Ratio Lower Upper
129 100
127 76.6 57.2 106.2





#59

Bromoform

Concen: 0.520 ug/L

RT: 9.677 min Scan# 2

Delta R.T. 0.010 min

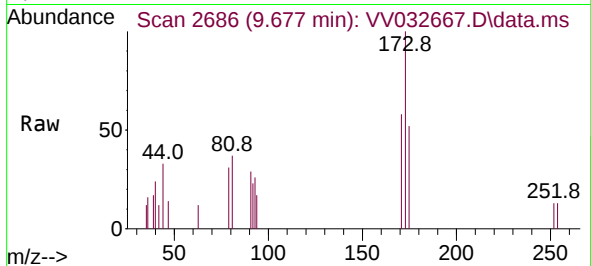
Lab File: VV032667.D

Acq: 26 Oct 2023 18:26

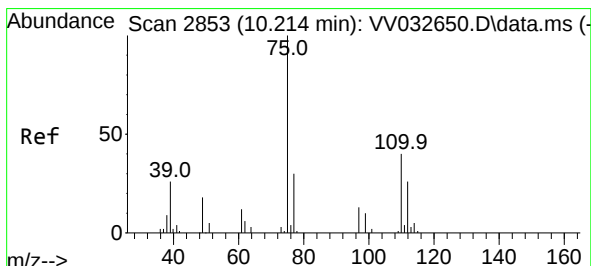
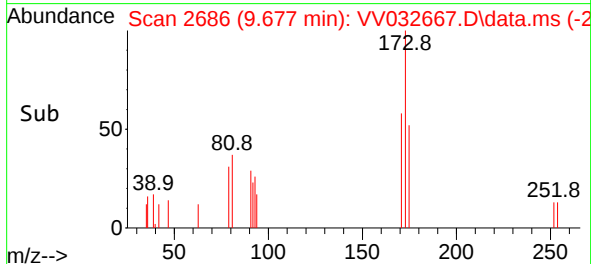
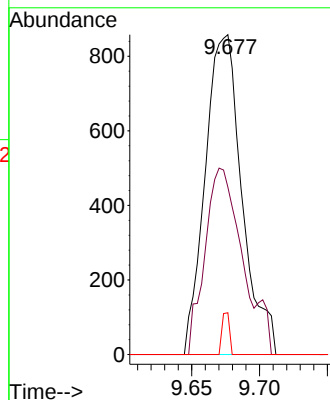
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	1620
Ion	Ratio	Lower	Upper
173	100		
175	54.9	38.2	57.2
254	2.7	7.0	10.4#



#61

1,2,3-Trichloropropane

Concen: 1.276 ug/L

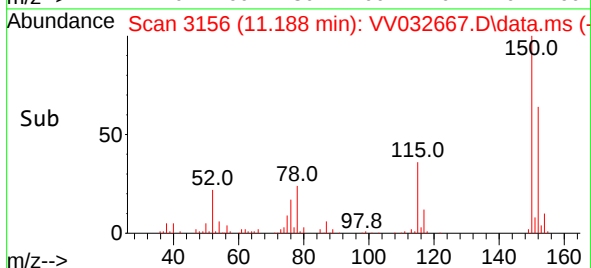
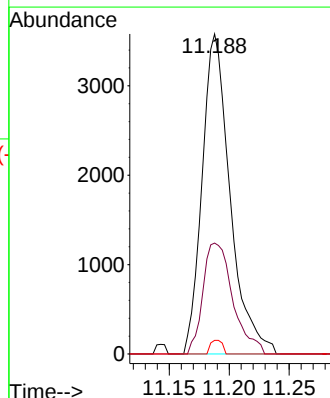
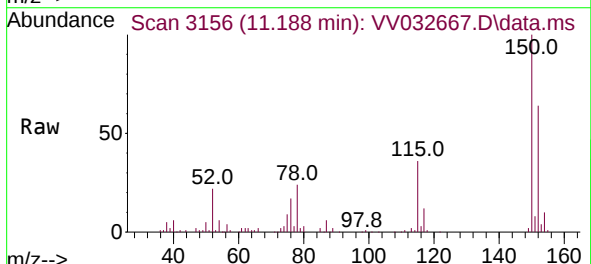
RT: 11.188 min Scan# 3156

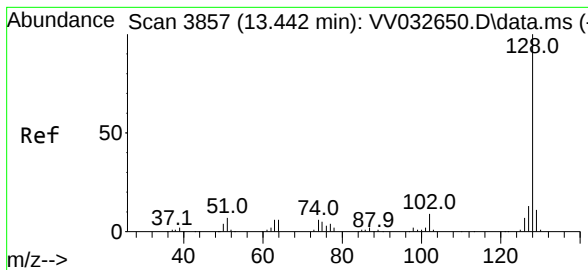
Delta R.T. 0.974 min

Lab File: VV032667.D

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Tgt Ion:	75	Resp:	5813
Ion	Ratio	Lower	Upper
75	100		
77	37.0	26.2	39.2
110	1.8	30.6	46.0#





#71

Naphthalene

Concen: 0.120 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.006 min

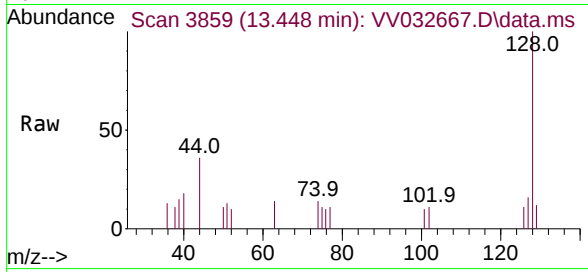
Lab File: VV032667.D

Acq: 26 Oct 2023 18:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 2101

Ion Ratio Lower Upper

128 100

129 7.2 9.0 13.4#

127 12.5 10.2 15.2

