

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052523\
 Data File : VV031240.D
 Acq On : 25 May 2023 18:23
 Operator : SY/MD
 Sample : 02917-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 07:02:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:48:38 2023
 Response via : Initial Calibration

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

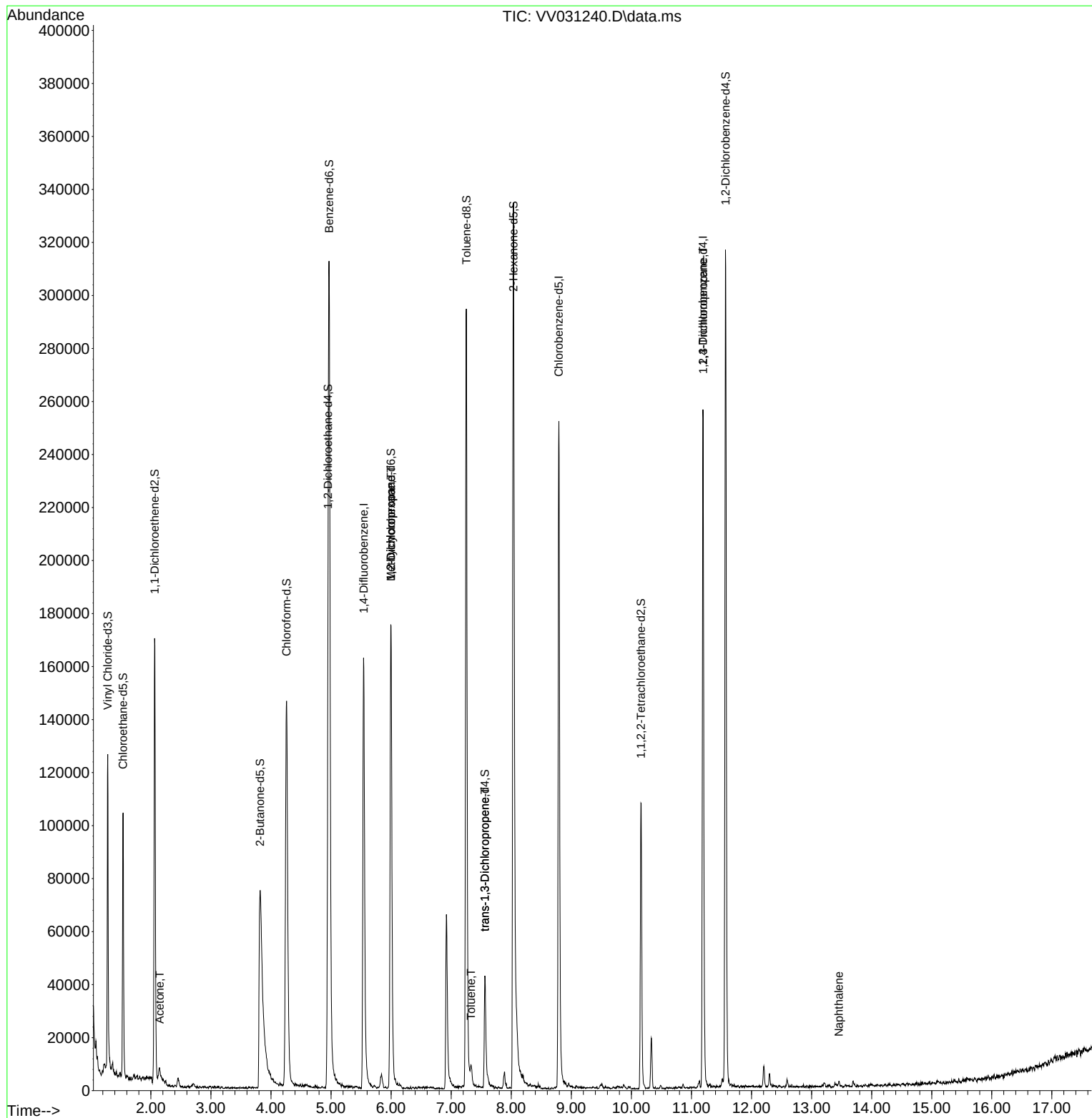
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	130952	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	132833	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	76775	5.290	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.800%	
7) Chloroethane-d5	1.536	69	63413	5.601	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.000%	
11) 1,1-Dichloroethene-d2	2.063	65	29716	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5	3.818	46	191846	61.416	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.840%	
24) Chloroform-d	4.259	84	158615	5.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.200%	
26) 1,2-Dichloroethane-d4	4.950	65	83548	5.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.600%	
32) Benzene-d6	4.969	84	274980	4.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	5.995	67	88057	4.744	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.252	98	198370	4.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.561	79	27415	4.593	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.800%	
46) 2-Hexanone-d5	8.037	63	122688	50.344	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.680%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	53436	4.079	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.567	152	78594	5.093	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
13) Acetone	2.146	43	12040	4.905	ug/L	76
35) Methylcyclohexane	5.998	83	20622	1.122	ug/L #	13
37) 1,2-Dichloropropane	5.995	63	9970	0.687	ug/L #	89
42) Toluene	7.330	91	4567	0.094	ug/L	92
44) trans-1,3-Dichloropropene	7.561	75	1642	0.110	ug/L	95
61) 1,2,3-Trichloropropane	11.194	75	8825	1.228	ug/L #	67
71) Naphthalene	13.455	128	1756	0.081	ug/L #	76

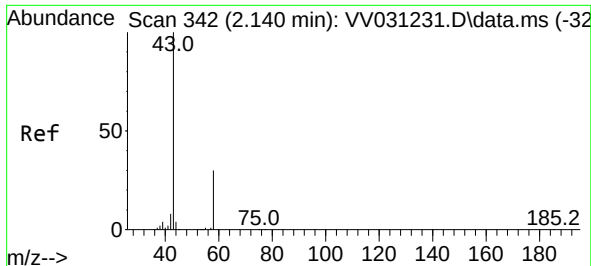
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 26 06:48:38 2023
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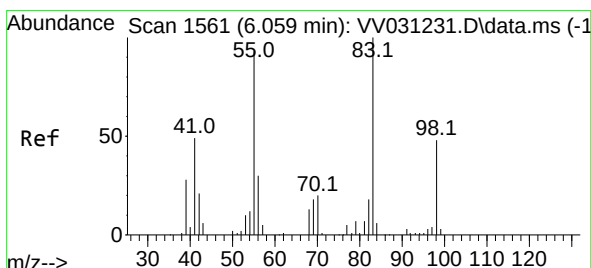
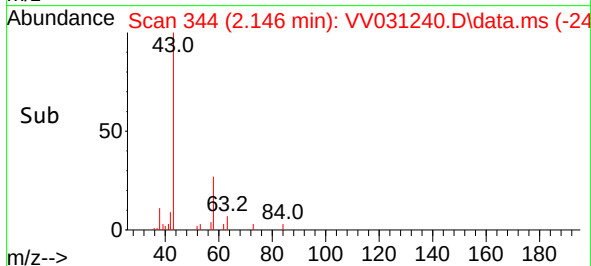
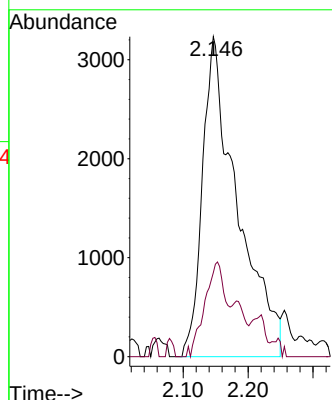
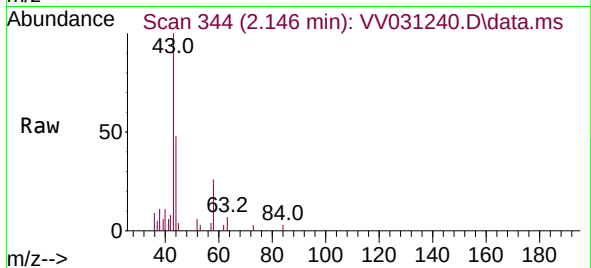




#13
Acetone
Concen: 4.905 ug/L
RT: 2.146 min Scan# 34
Delta R.T. 0.007 min
Lab File: VV031240.D
Acq: 25 May 2023 18:23

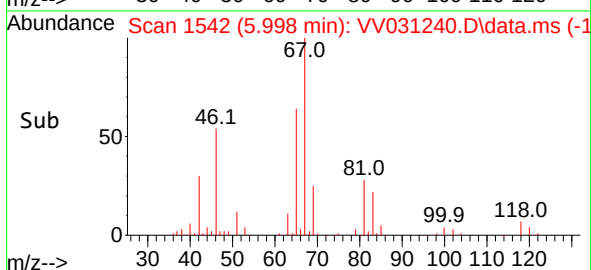
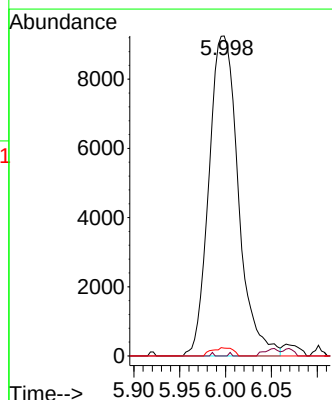
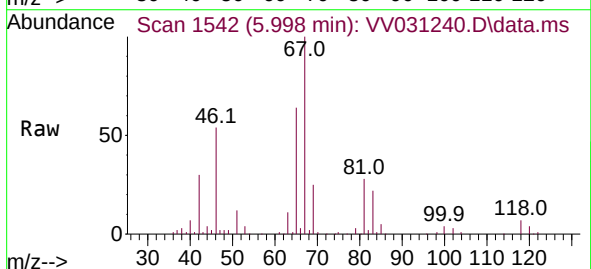
Instrument :
MSVOA_V
ClientSampleId :

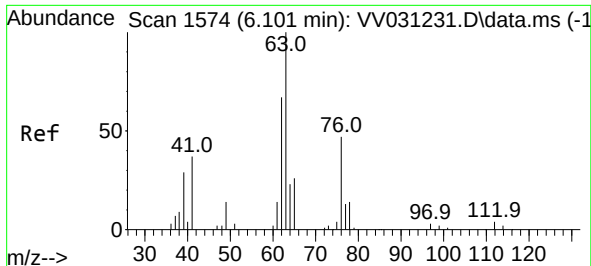
Tgt Ion: 43 Resp: 12040
Ion Ratio Lower Upper
43 100
58 17.8 0.0 62.2



#35
Methylcyclohexane
Concen: 1.122 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV031240.D
Acq: 25 May 2023 18:23

Tgt Ion: 83 Resp: 20622
Ion Ratio Lower Upper
83 100
55 0.1 74.4 111.6#
98 1.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.687 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV031240.D

Acq: 25 May 2023 18:23

Instrument :

MSVOA_V

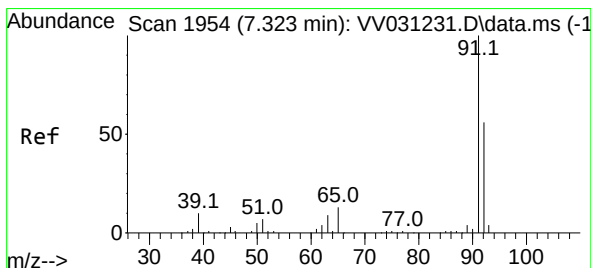
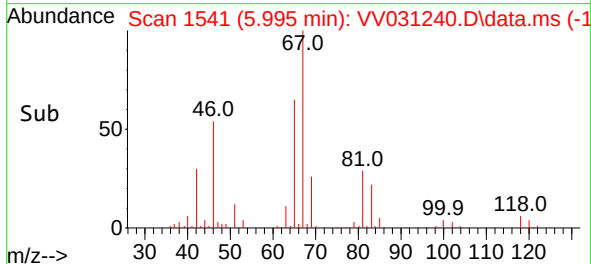
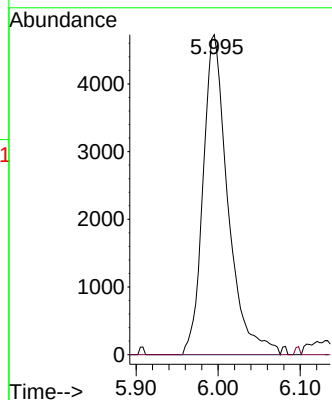
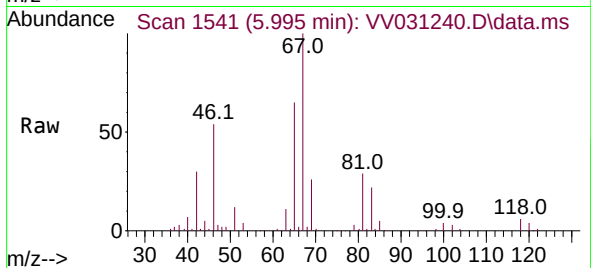
ClientSampleId :

Tgt Ion: 63 Resp: 9970

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#42

Toluene

Concen: 0.094 ug/L

RT: 7.330 min Scan# 1956

Delta R.T. 0.007 min

Lab File: VV031240.D

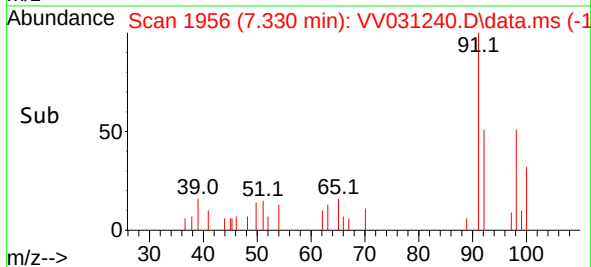
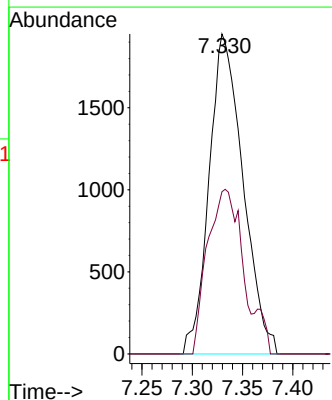
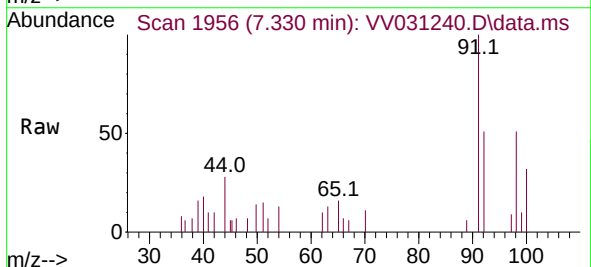
Acq: 25 May 2023 18:23

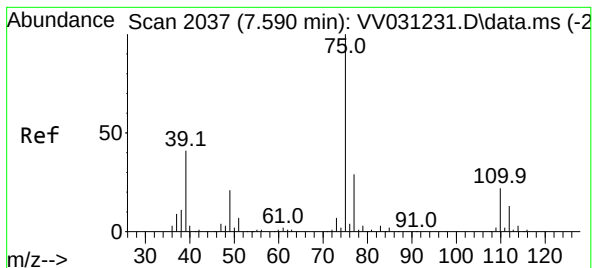
Tgt Ion: 91 Resp: 4567

Ion Ratio Lower Upper

91 100

92 50.7 39.4 73.2





#44

trans-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.561 min Scan# 2037

Delta R.T. -0.029 min

Lab File: VV031240.D

Acq: 25 May 2023 18:23

Instrument :

MSVOA_V

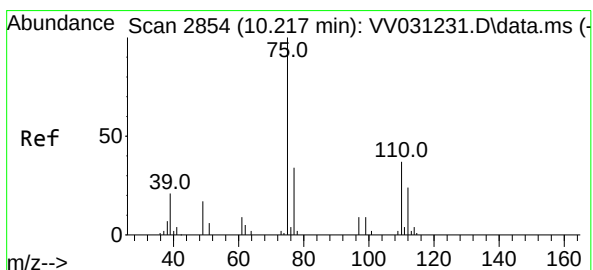
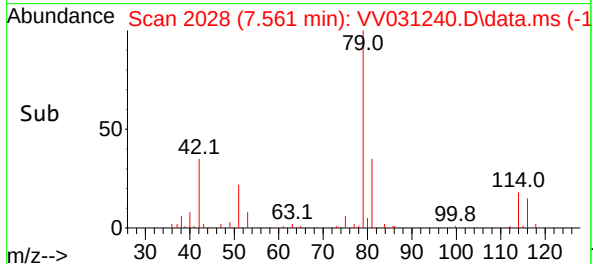
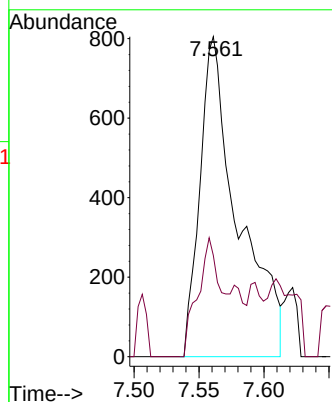
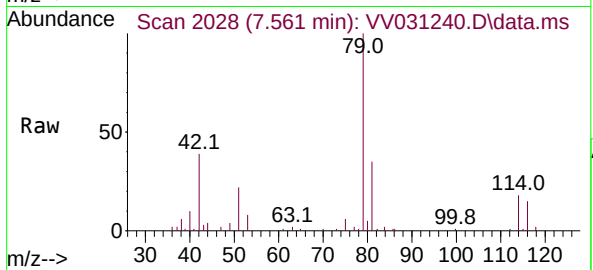
ClientSampleId :

Tgt Ion: 75 Resp: 1642

Ion Ratio Lower Upper

75 100

77 31.7 20.4 38.0



#61

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV031240.D

Acq: 25 May 2023 18:23

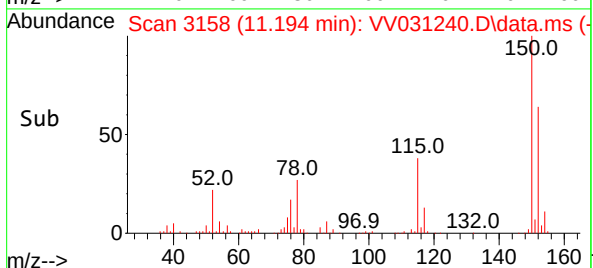
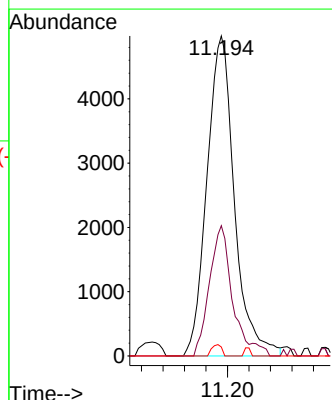
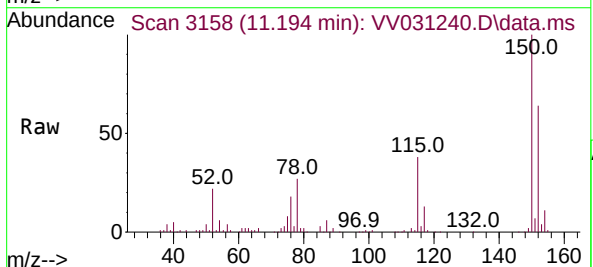
Tgt Ion: 75 Resp: 8825

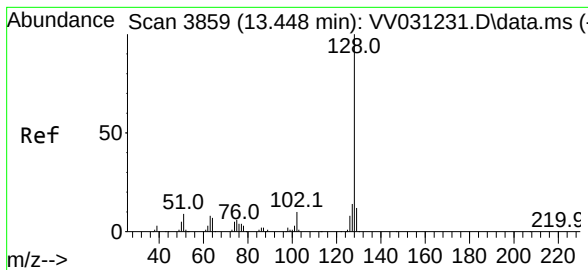
Ion Ratio Lower Upper

75 100

77 34.3 26.6 40.0

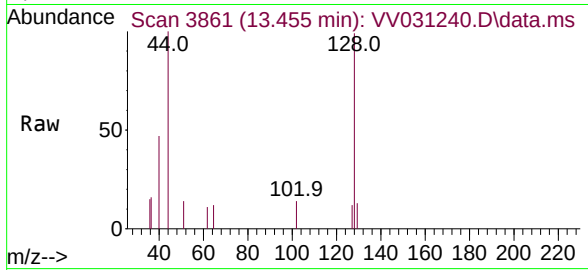
110 1.3 29.8 44.8#





#71
Naphthalene
Concen: 0.081 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.007 min
Lab File: VV031240.D
Acq: 25 May 2023 18:23

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1756
Ion	Ratio	Lower	Upper
128	100		
129	3.9	9.0	13.6#
127	2.7	11.5	17.3#

