

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072122\
 Data File : VV026865.D
 Acq On : 21 Jul 2022 11:04
 Operator : SY/MD
 Sample : VV0721WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 05:54:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

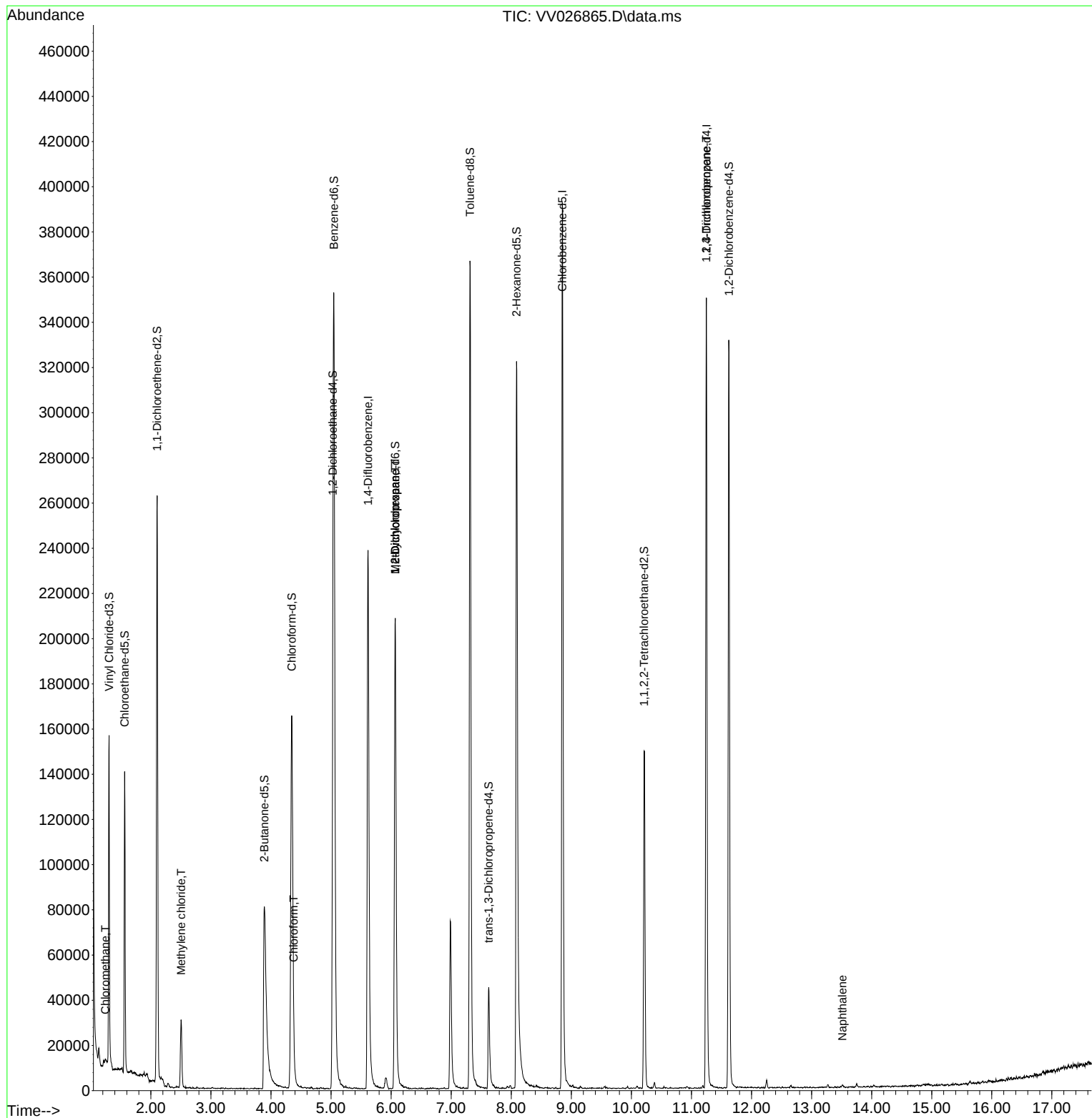
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	221952	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	225362	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92737	4.580	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.565	69	86135	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.105	63	134425	3.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.889	46	147225	46.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.180%
24) Chloroform-d	4.346	84	179873	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.031	65	79756	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.047	84	336965	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	107284	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.313	98	257456	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.625	79	29002	4.317	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.088	63	118956	40.900	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75851	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	88206	5.306	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1049	0.039	ug/L	95
16) Methylene chloride	2.503	84	13498	0.582	ug/L	94
25) Chloroform	4.378	83	4224	0.123	ug/L	96
35) Methylcyclohexane	6.069	83	26931	0.953	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	10952	0.608	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	11029	1.253	ug/L #	66
71) Naphthalene	13.513	128	1459	0.056	ug/L #	77

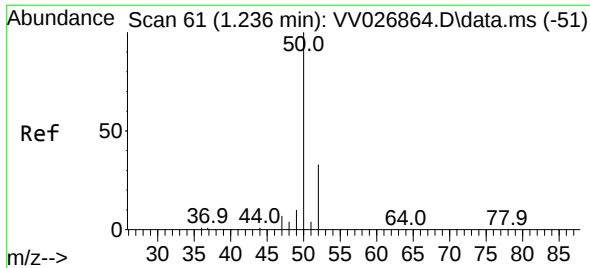
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 22 05:54:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 22 05:53:14 2022
Response via : Initial Calibration

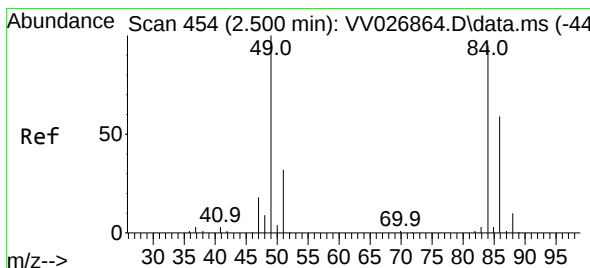
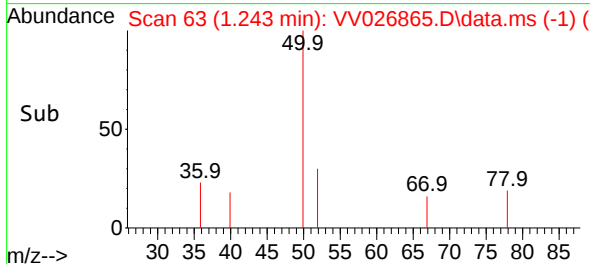
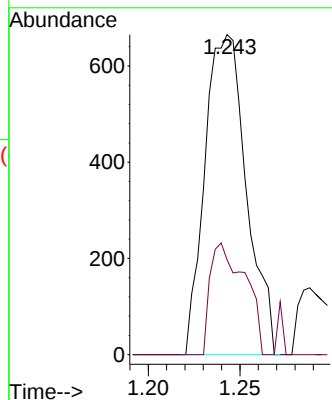
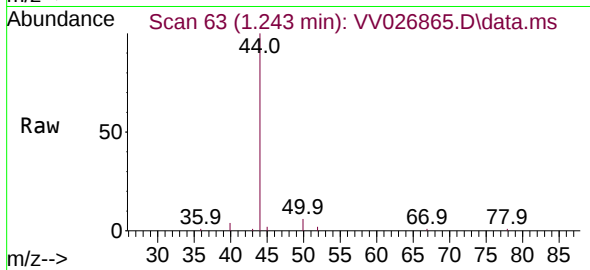




#3
Chloromethane
Concen: 0.039 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.007 min
Lab File: VV026865.D
Acq: 21 Jul 2022 11:04

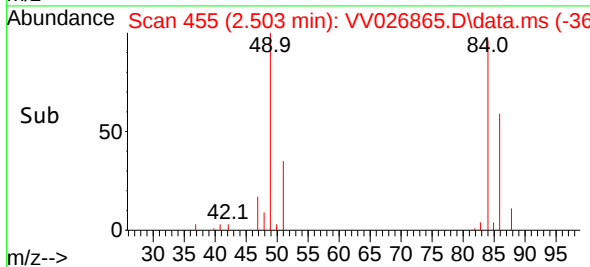
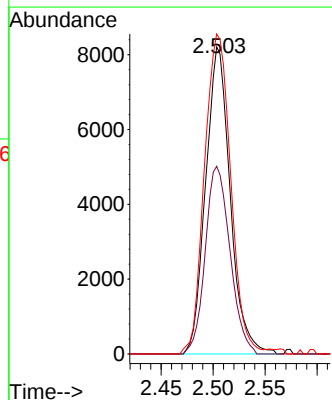
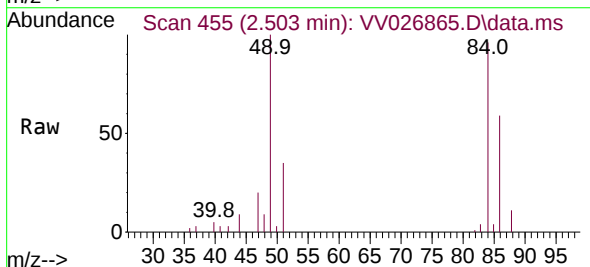
Instrument :
MSVOA_V
ClientSampleId :

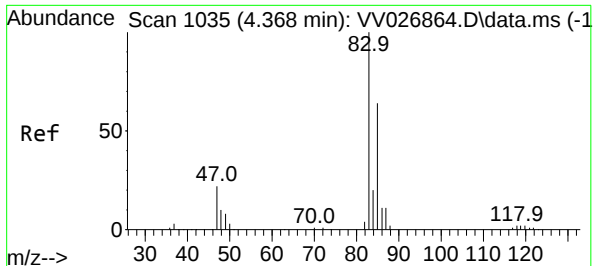
Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 29.6 22.8 42.4



#16
Methylene chloride
Concen: 0.582 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026865.D
Acq: 21 Jul 2022 11:04

Tgt Ion: 84 Resp: 13498
Ion Ratio Lower Upper
84 100
86 61.1 44.8 83.2
49 104.2 78.7 146.1





#25

Chloroform

Concen: 0.123 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV026865.D

Acq: 21 Jul 2022 11:04

Instrument :

MSVOA_V

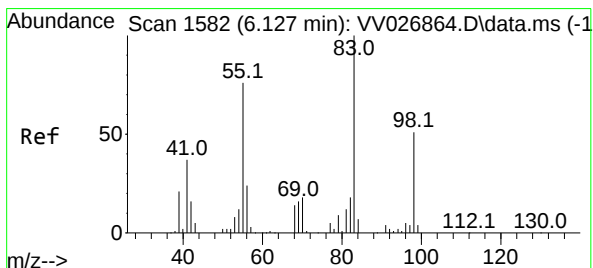
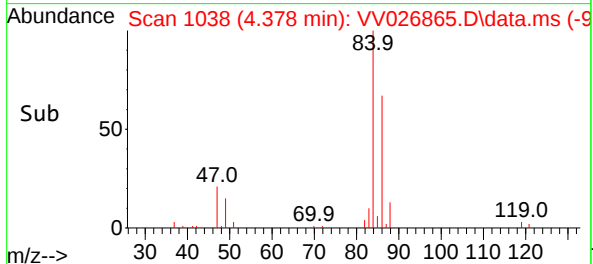
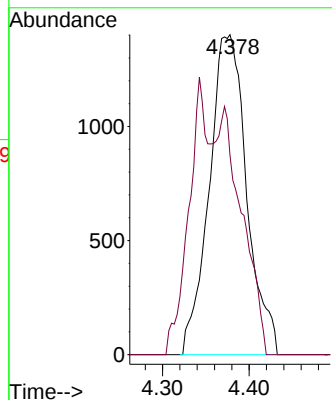
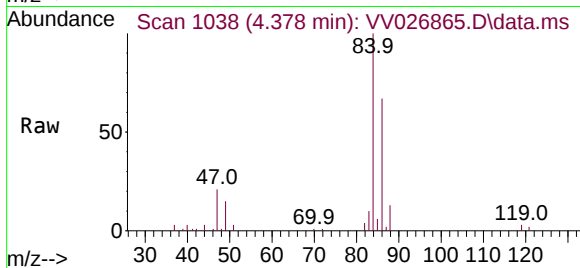
ClientSampleId :

Tgt Ion: 83 Resp: 4224

Ion Ratio Lower Upper

83 100

85 62.4 45.7 84.9



#35

Methylcyclohexane

Concen: 0.953 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV026865.D

Acq: 21 Jul 2022 11:04

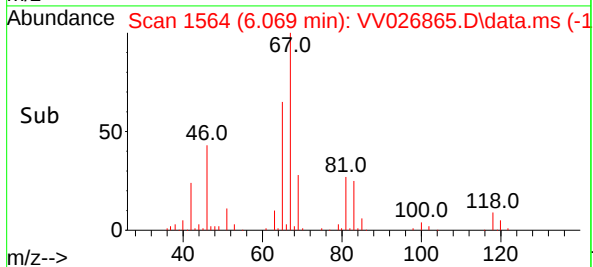
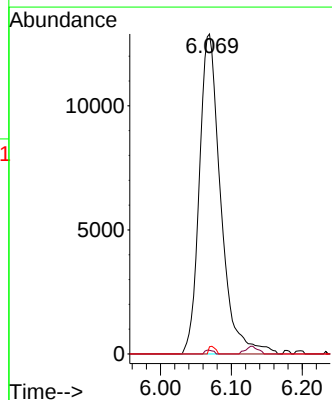
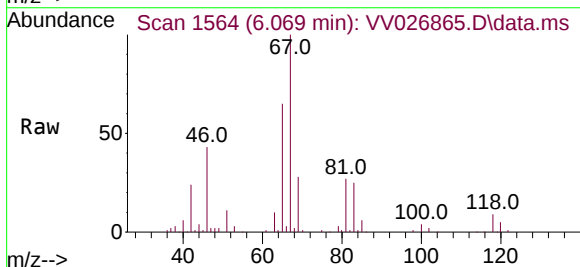
Tgt Ion: 83 Resp: 26931

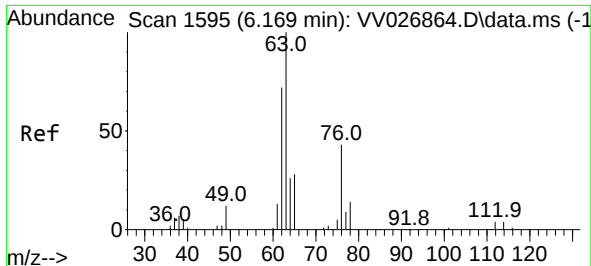
Ion Ratio Lower Upper

83 100

55 0.5 59.5 89.3#

98 0.7 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV026865.D

Acq: 21 Jul 2022 11:04

Instrument :

MSVOA_V

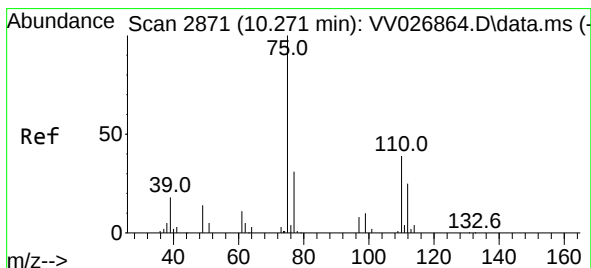
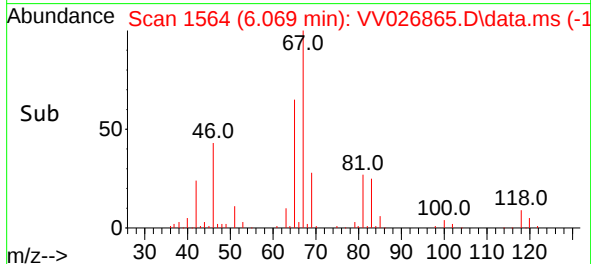
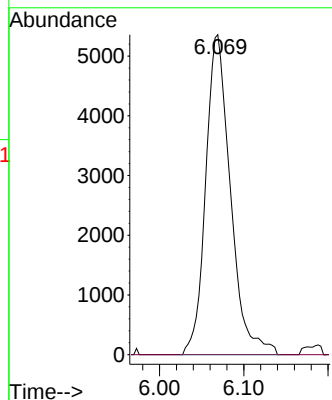
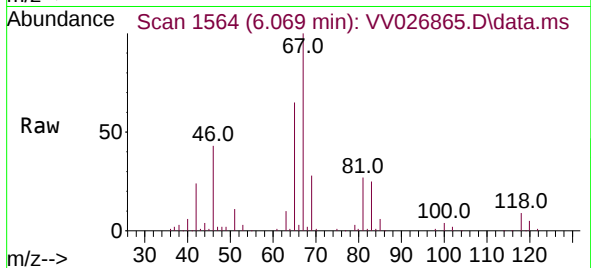
ClientSampleId :

Tgt Ion: 63 Resp: 10952

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#61

1,2,3-Trichloropropane

Concen: 1.253 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026865.D

Acq: 21 Jul 2022 11:04

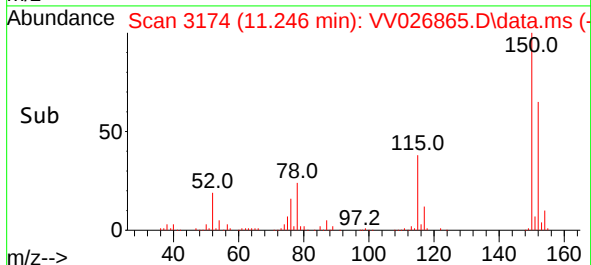
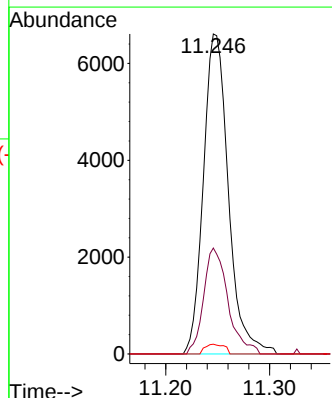
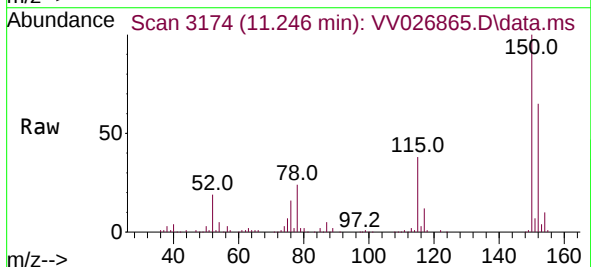
Tgt Ion: 75 Resp: 11029

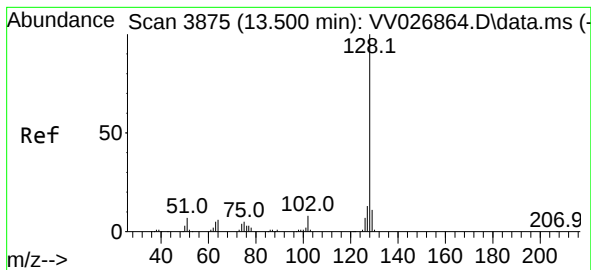
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

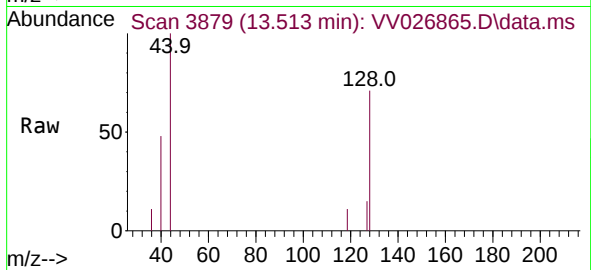
110 2.3 31.8 47.6#





#71
Naphthalene
Concen: 0.056 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026865.D
Acq: 21 Jul 2022 11:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.4	12.6#
127	5.8	10.7	16.1#

