

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120622\
 Data File : VU052184.D
 Acq On : 06 Dec 2022 11:14
 Operator : JC/MD
 Sample : VU1206WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK145

Quant Time: Dec 06 21:25:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:24:57 2022
 Response via : Initial Calibration

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

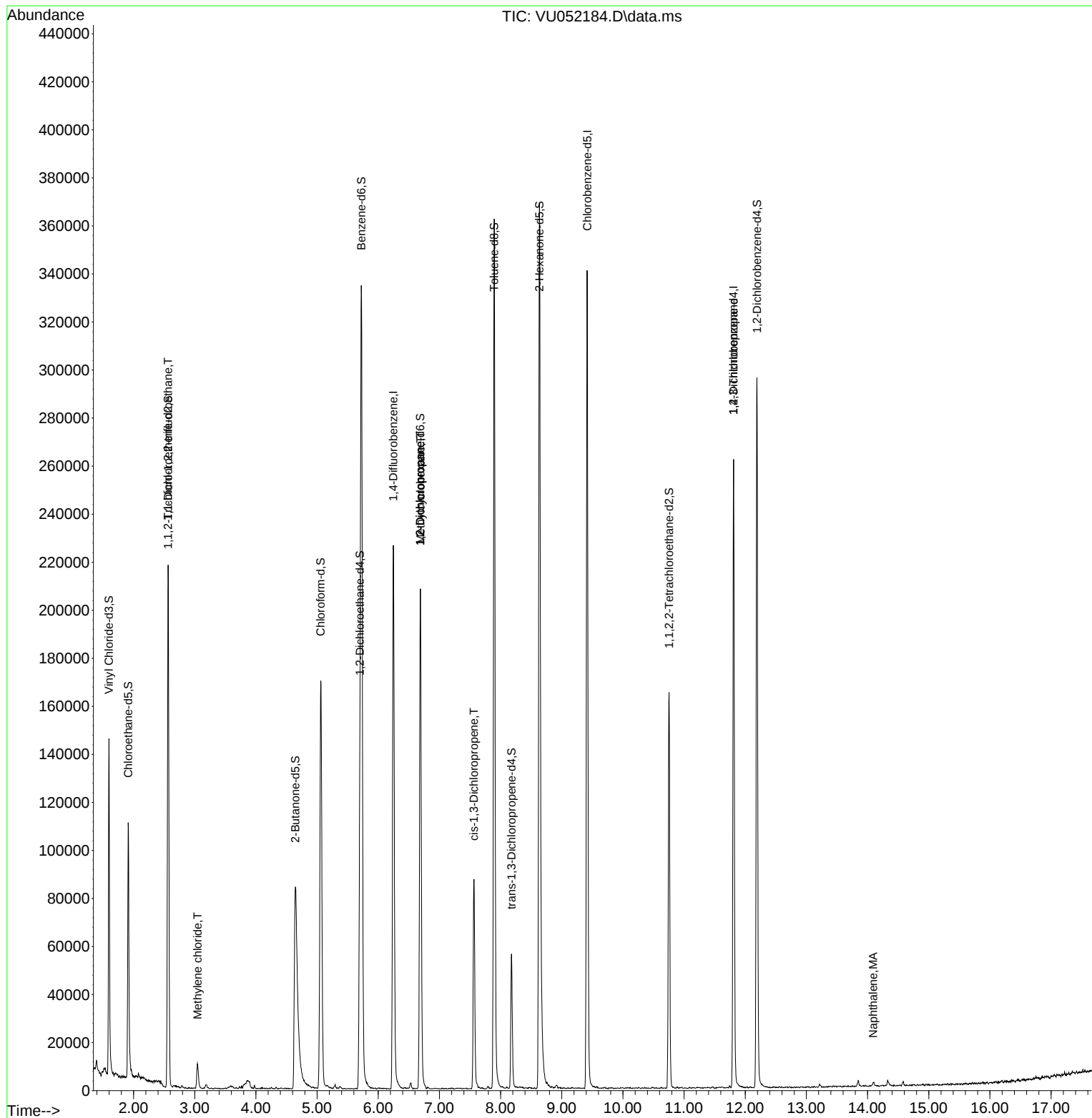
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	197073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	204572	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	108703	5.671	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	113.400%	
7) Chloroethane-d5	1.913	69	88202	5.924	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	118.400%	
11) 1,1-Dichloroethene-d2	2.565	65	40396	5.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	117.600%	
20) 2-Butanone-d5	4.646	46	178515	51.376	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.760%	
24) Chloroform-d	5.060	84	166074	5.896	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.000%	
26) 1,2-Dichloroethane-d4	5.700	65	82200	5.778	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.600%	
32) Benzene-d6	5.726	84	336026	5.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	6.687	67	107003	5.693	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	7.896	98	253485	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	8.179	79	33397	4.876	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.600%	
46) 2-Hexanone-d5	8.636	63	129465	44.602	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.200%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	85495	5.246	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	83234	5.752	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.000%	
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1281	0.089	ug/L #	20
16) Methylene chloride	3.044	84	5309	0.274	ug/L	97
35) Methylcyclohexane	6.690	83	24413	1.022	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10651	0.618	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2059	0.093	ug/L #	66
61) 1,2,3-Trichloropropane	11.809	75	8139	0.941	ug/L #	68
71) Naphthalene	14.092	128	2500	0.102	ug/L #	83

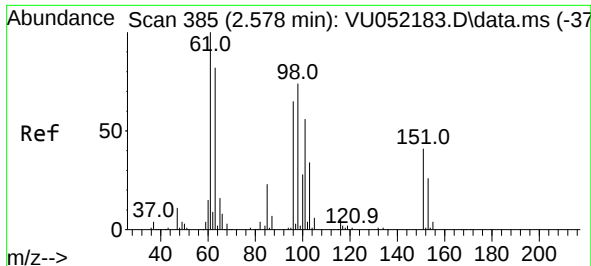
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK145

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.089 ug/L

RT: 2.562 min Scan# 3

Delta R.T. -0.016 min

Lab File: VU052184.D

Acq: 06 Dec 2022 11:14

Instrument :

MSVOA_U

ClientSampleId :

VBLK145

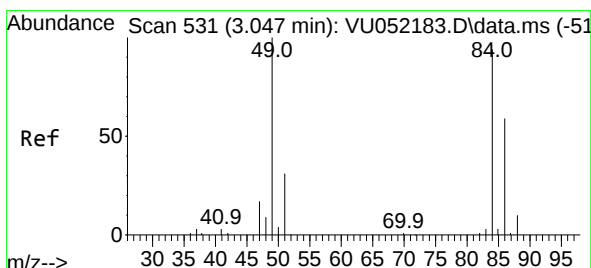
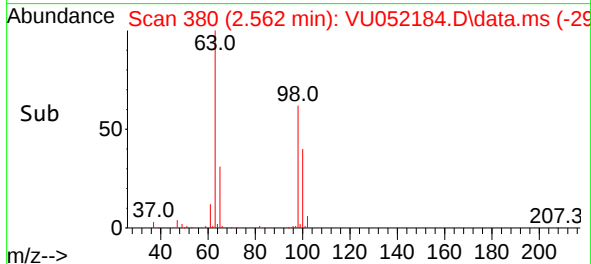
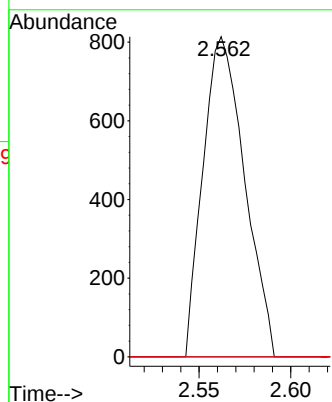
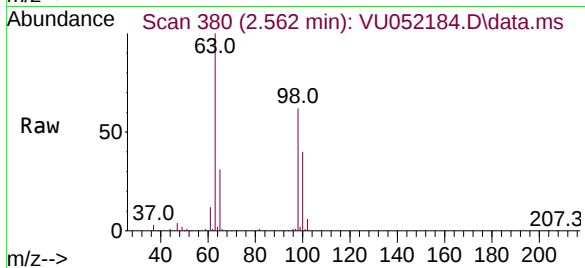
Tgt Ion:101 Resp: 1281

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#



#16

Methylene chloride

Concen: 0.274 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU052184.D

Acq: 06 Dec 2022 11:14

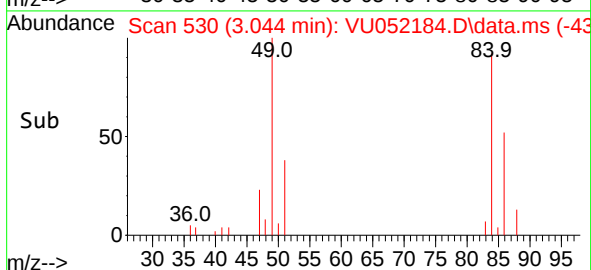
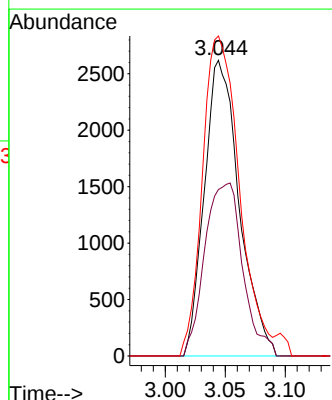
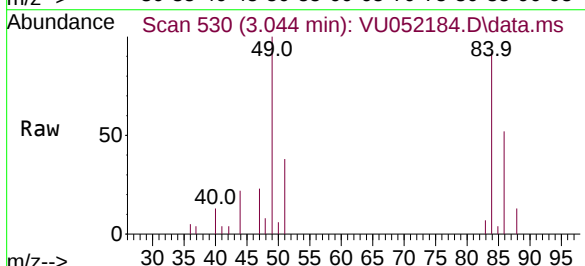
Tgt Ion: 84 Resp: 5309

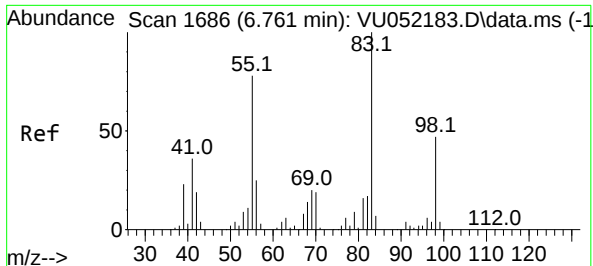
Ion Ratio Lower Upper

84 100

86 56.3 43.8 81.4

49 108.2 75.9 141.1

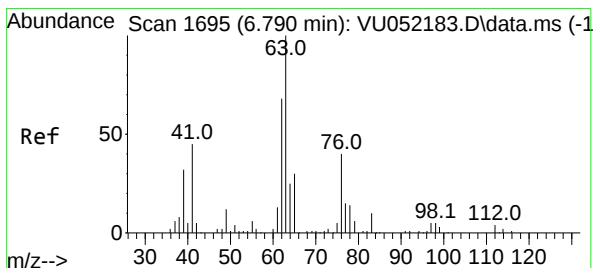
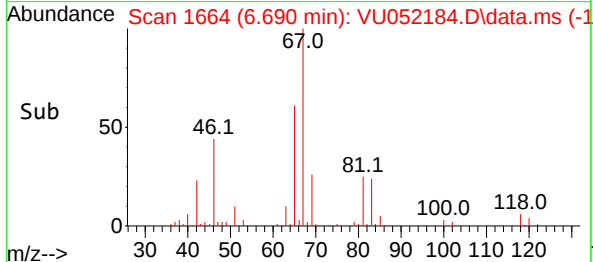
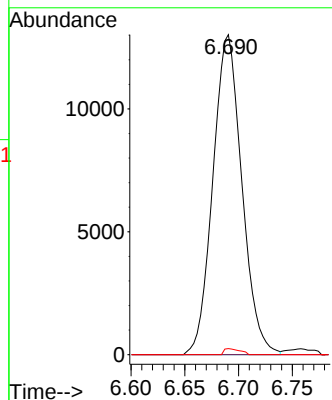
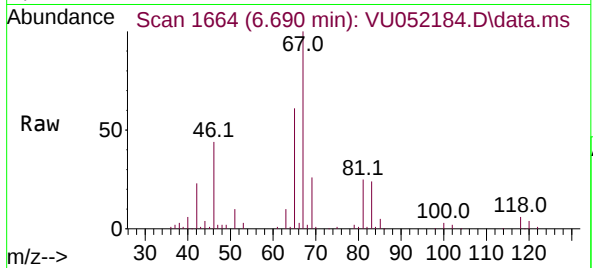




#35
Methylcyclohexane
Concen: 1.022 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052184.D
Acq: 06 Dec 2022 11:14

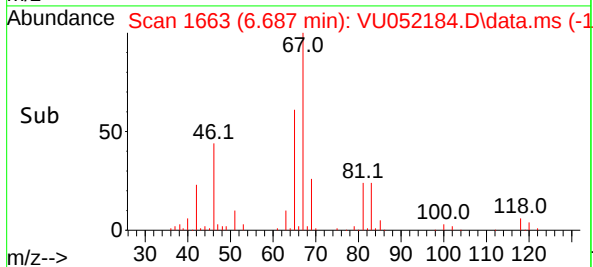
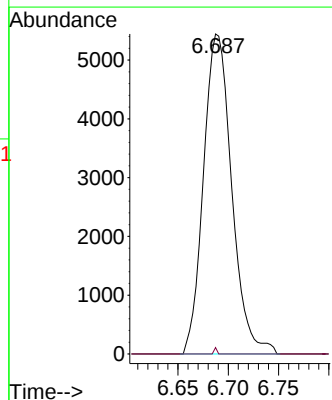
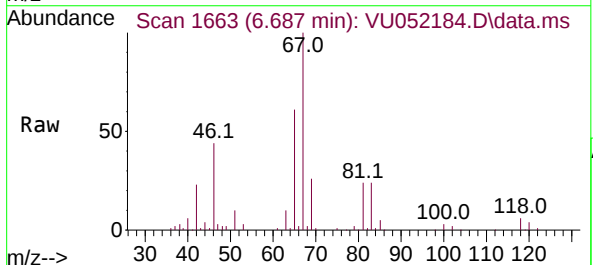
Instrument :
MSVOA_U
ClientSampleId :
VBLK145

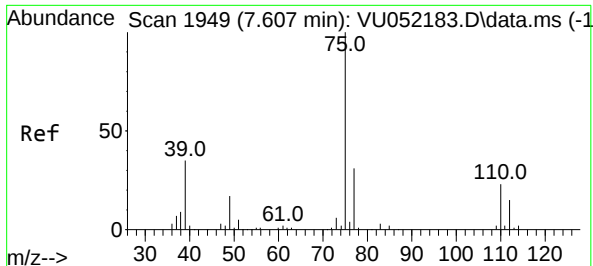
Tgt Ion: 83 Resp: 24413
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.0 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052184.D
Acq: 06 Dec 2022 11:14

Tgt Ion: 63 Resp: 10651
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU052184.D

Acq: 06 Dec 2022 11:14

Instrument :

MSVOA_U

ClientSampleId :

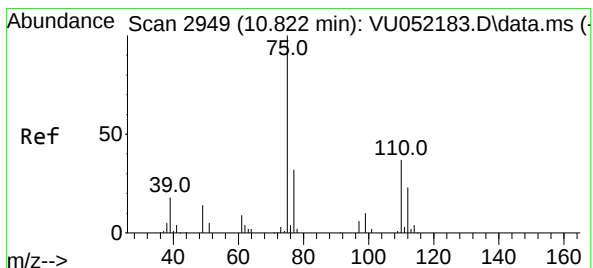
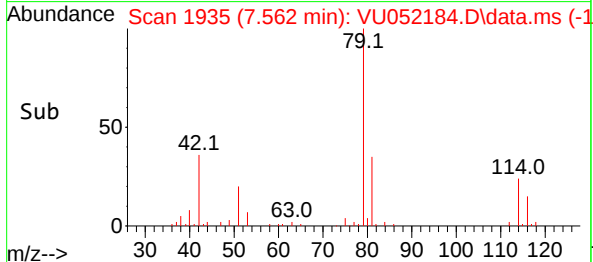
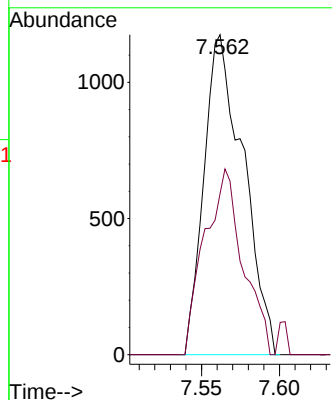
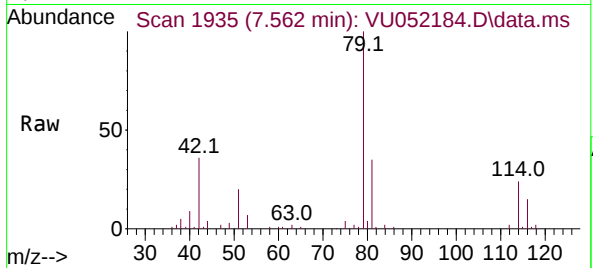
VBLK145

Tgt Ion: 75 Resp: 2059

Ion Ratio Lower Upper

75 100

77 50.3 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 0.941 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU052184.D

Acq: 06 Dec 2022 11:14

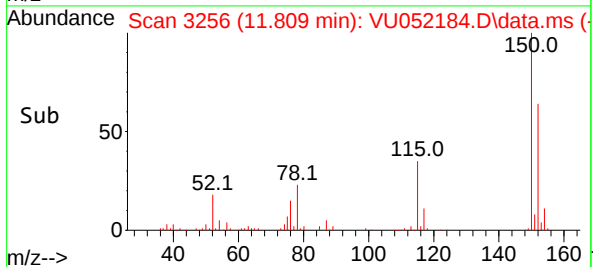
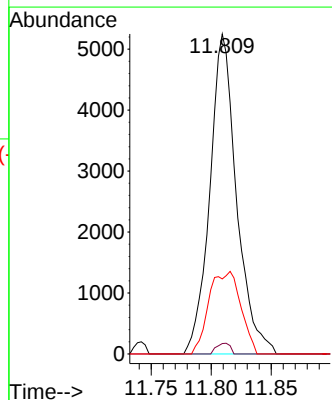
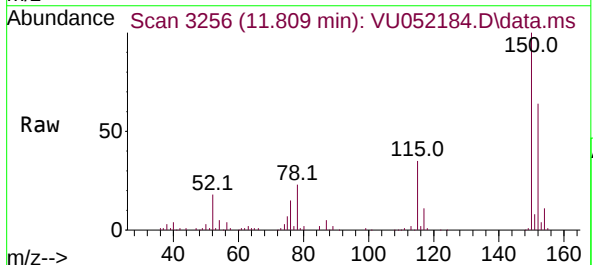
Tgt Ion: 75 Resp: 8139

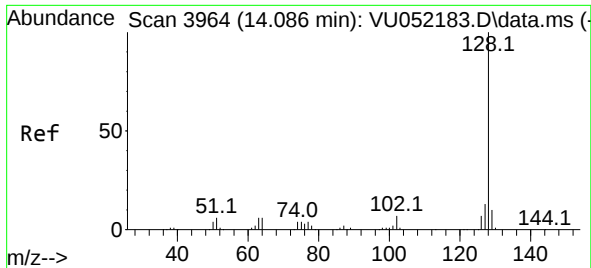
Ion Ratio Lower Upper

75 100

110 1.7 28.3 42.5#

77 30.6 26.2 39.2





#71

Naphthalene

Concen: 0.102 ug/L

RT: 14.092 min Scan# 3966

Delta R.T. 0.007 min

Lab File: VU052184.D

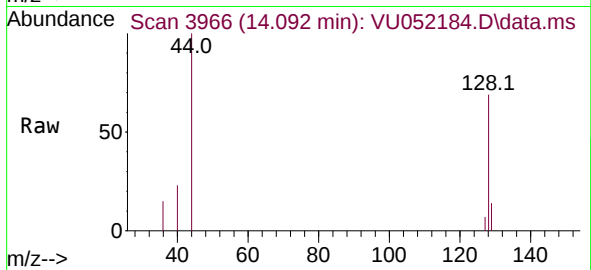
Acq: 06 Dec 2022 11:14

Instrument :

MSVOA_U

ClientSampleId :

VBLK145



Tgt Ion:	128	Resp:	2500
Ion Ratio	Lower	Upper	
128	100		
129	9.0	8.3	12.5
127	1.6	10.2	15.4#

