

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059331.D
 Acq On : 18 Jun 2024 23:01
 Operator : MD/SY
 Sample : P2873-20
 Misc : 4.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:40:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

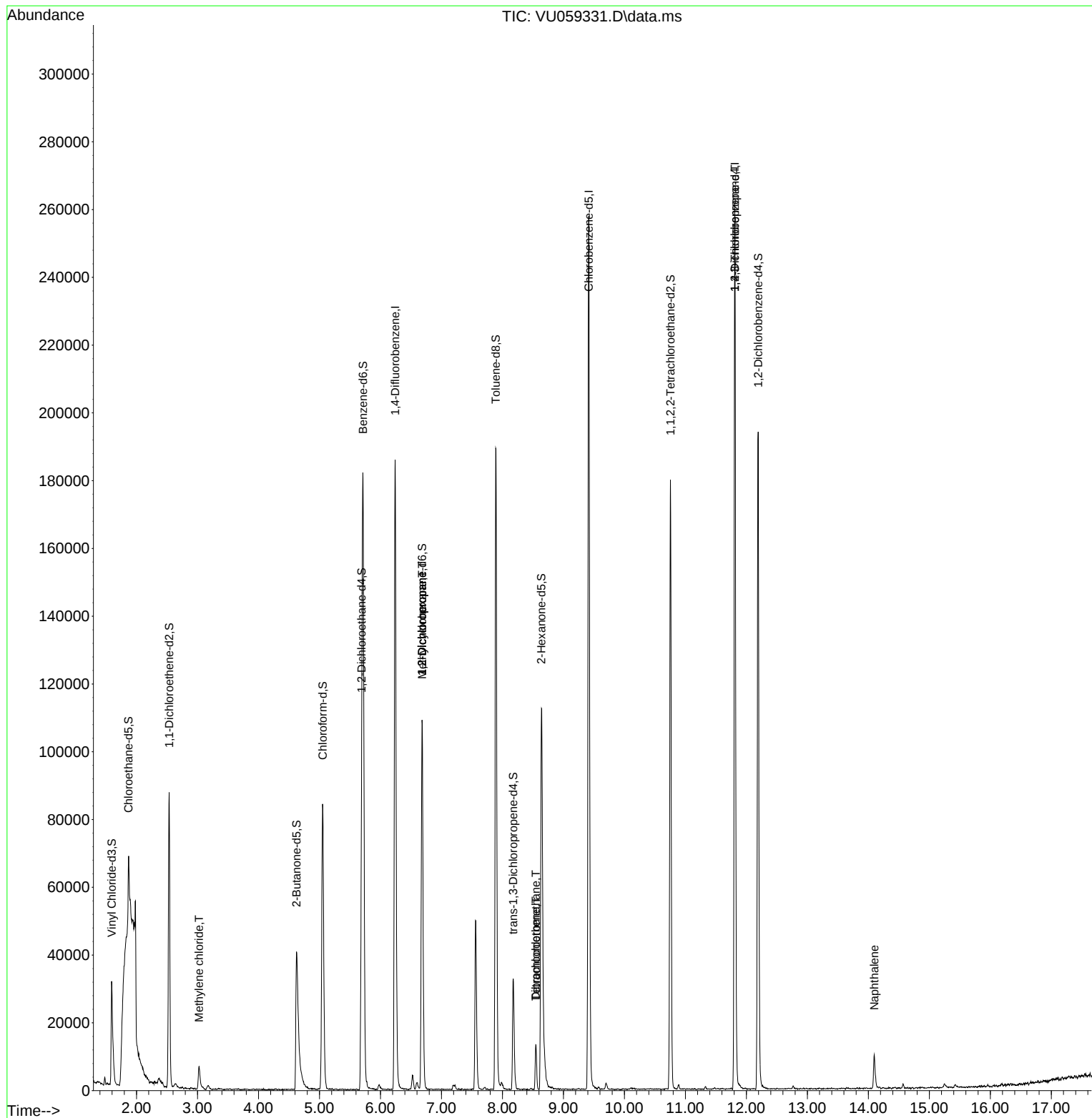
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160125	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	159107	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	73775	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37301	38.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.820%		
7) Chloroethane-d5	1.869	69	22185	27.013	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	54.020%#		
11) 1,1-Dichloroethene-d2	2.534	63	50512	26.692	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.380%#		
21) 2-Butanone-d5	4.624	46	76238	84.365	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.360%		
24) Chloroform-d	5.052	84	83115	43.548	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	5.692	65	56258	48.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.180%		
32) Benzene-d6	5.714	84	166376	45.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.120%		
36) 1,2-Dichloropropane-d6	6.682	67	54799	43.522	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.040%		
41) Toluene-d8	7.891	98	135930	43.848	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.700%		
43) trans-1,3-Dichloroprop...	8.177	79	21302	41.854	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.700%		
47) 2-Hexanone-d5	8.640	63	49394	84.833	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.830%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	93734	43.987	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.980%		
66) 1,2-Dichlorobenzene-d4	12.193	152	55125	50.069	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.140%		
Target Compounds						Qvalue
16) Methylene chloride	3.026	84	4186	2.734	ug/L	83
35) Methylcyclohexane	6.685	83	12373	5.982	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6323	3.876	ug/L #	90
46) Tetrachloroethene	8.550	164	2939	3.136	ug/L	95
49) Dibromochloromethane	8.547	129	3019	2.277	ug/L #	11
60) 1,2,3-Trichloropropane	11.810	75	8572	4.178	ug/L #	68
71) Naphthalene	14.097	128	10861	2.682	ug/L	97

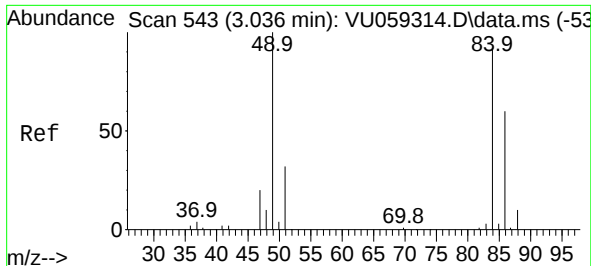
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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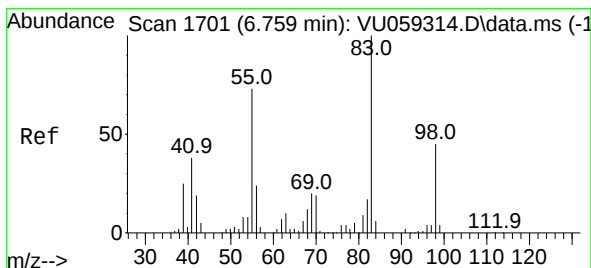
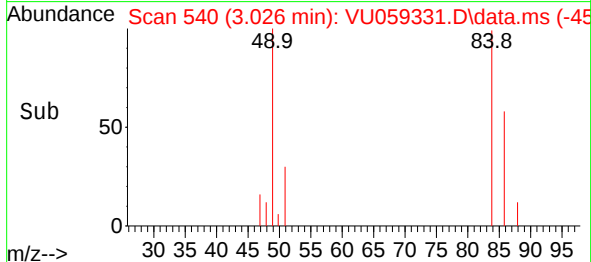
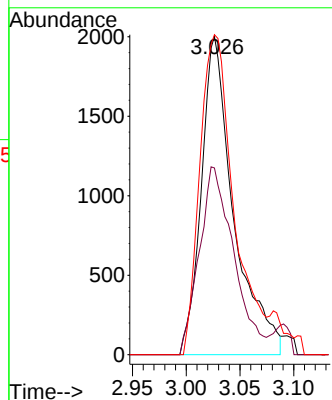
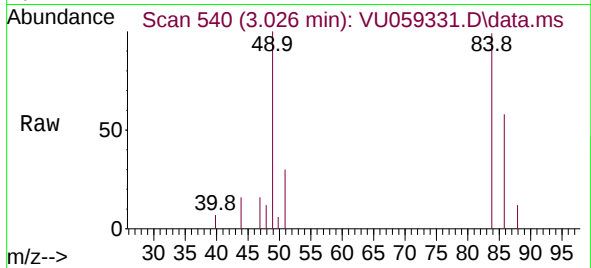




#16
Methylene chloride
Concen: 2.734 ug/L
RT: 3.026 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU059331.D
Acq: 18 Jun 2024 23:01

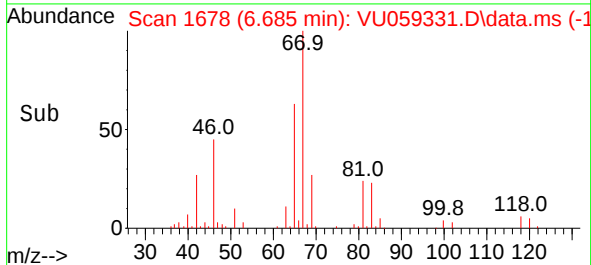
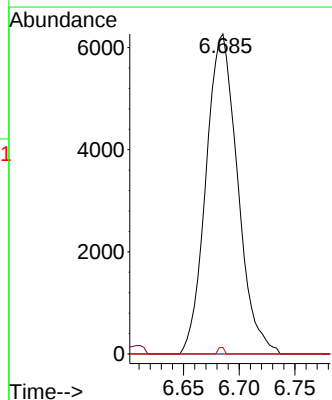
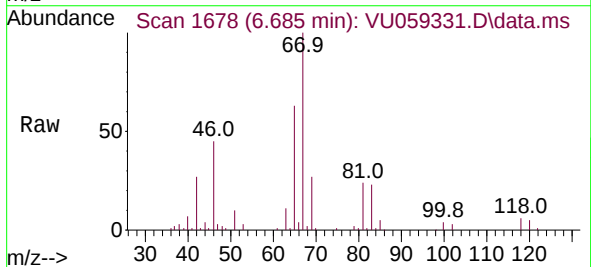
Instrument :
MSVOA_U
ClientSampleId :

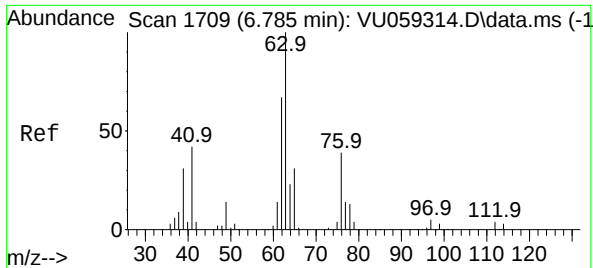
Tgt Ion: 84 Resp: 4186
Ion Ratio Lower Upper
84 100
86 58.7 44.9 83.3
49 100.5 87.5 162.5



#35
Methylcyclohexane
Concen: 5.982 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU059331.D
Acq: 18 Jun 2024 23:01

Tgt Ion: 83 Resp: 12373
Ion Ratio Lower Upper
83 100
55 0.9 63.9 95.9#
98 0.4 34.7 52.1#

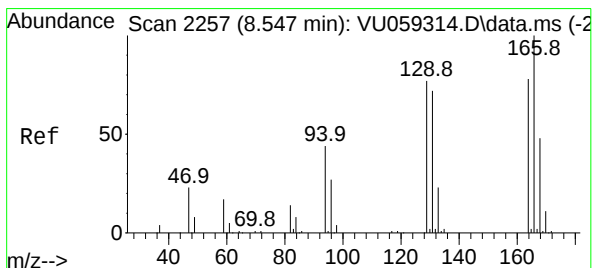
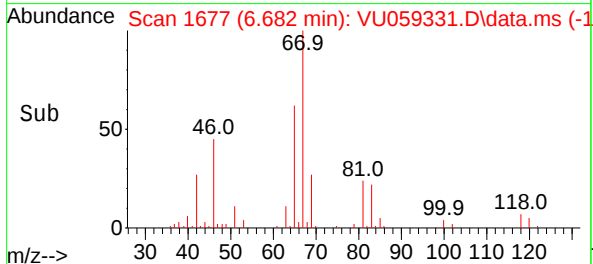
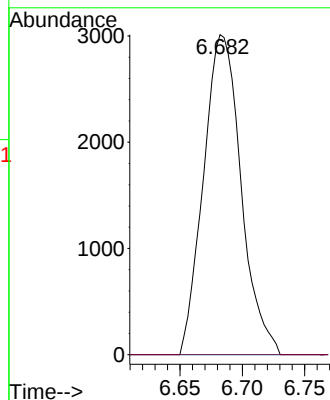
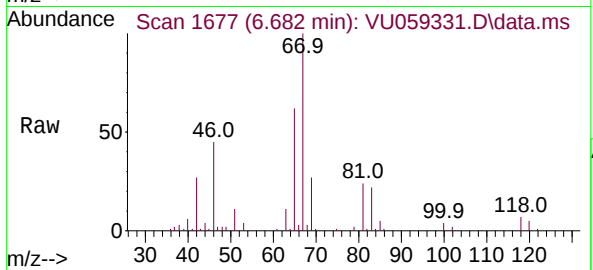




#37
1,2-Dichloropropane
Concen: 3.876 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059331.D
Acq: 18 Jun 2024 23:01

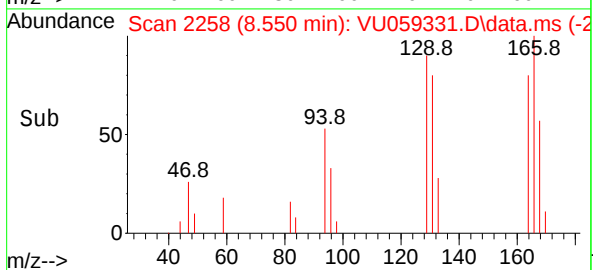
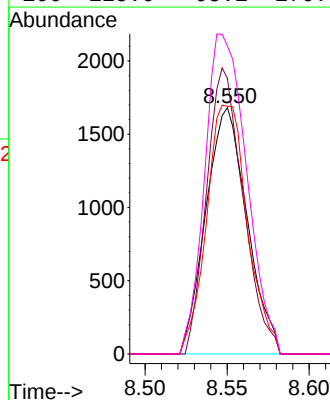
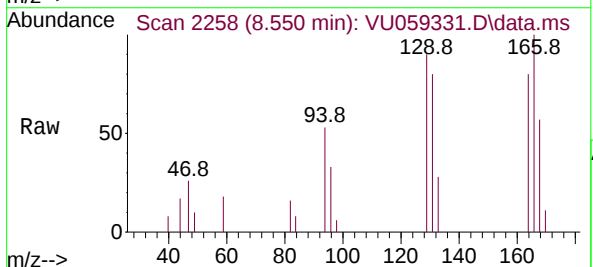
Instrument :
MSVOA_U
ClientSampleId :

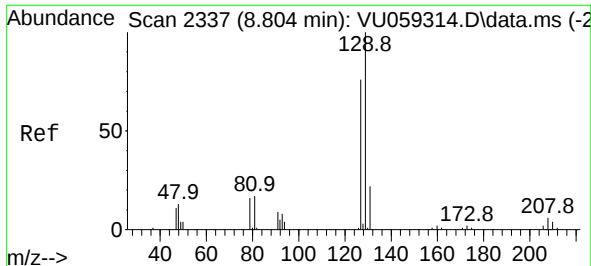
Tgt Ion: 63 Resp: 6323
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#46
Tetrachloroethene
Concen: 3.136 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059331.D
Acq: 18 Jun 2024 23:01

Tgt Ion:164 Resp: 2939
Ion Ratio Lower Upper
164 100
129 112.0 74.5 138.5
131 100.6 70.6 131.0
166 125.0 95.1 176.7





#49

Dibromochloromethane

Concen: 2.277 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU059331.D

Acq: 18 Jun 2024 23:01

Instrument :

MSVOA_U

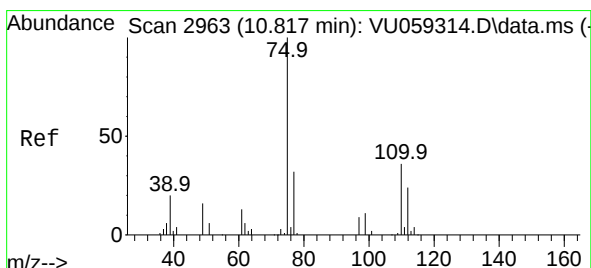
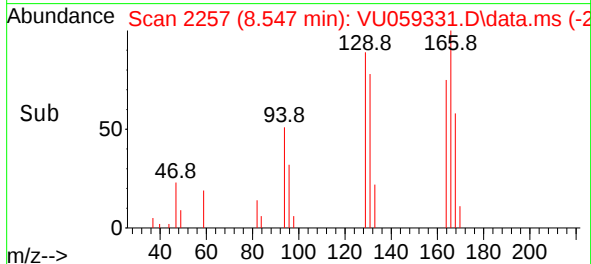
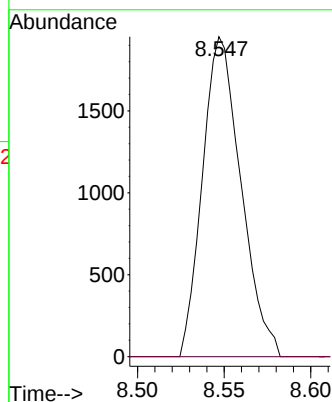
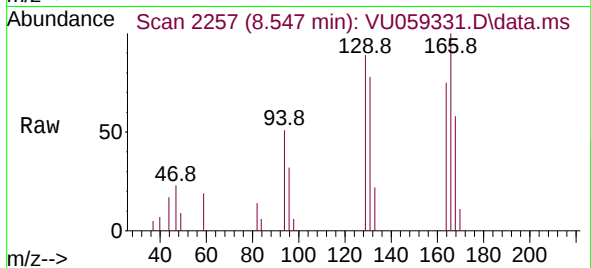
ClientSampleId :

Tgt Ion:129 Resp: 3019

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#60

1,2,3-Trichloropropane

Concen: 4.178 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU059331.D

Acq: 18 Jun 2024 23:01

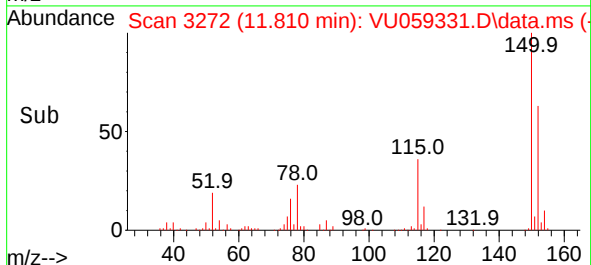
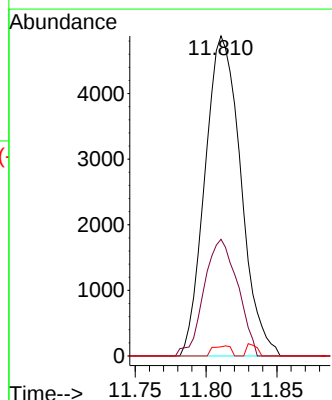
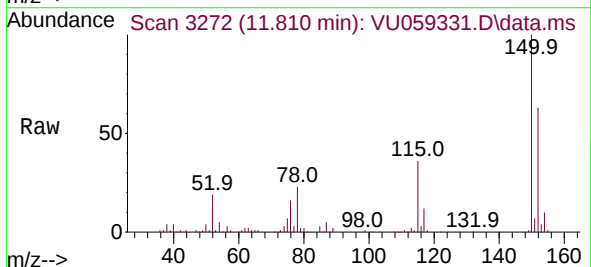
Tgt Ion: 75 Resp: 8572

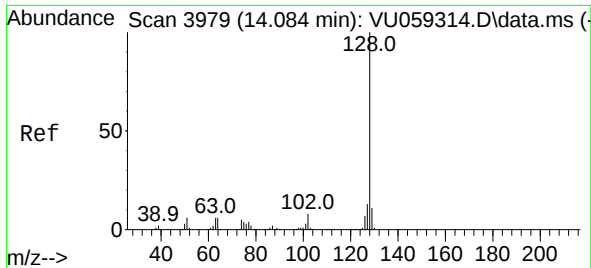
Ion Ratio Lower Upper

75 100

77 33.7 26.2 39.2

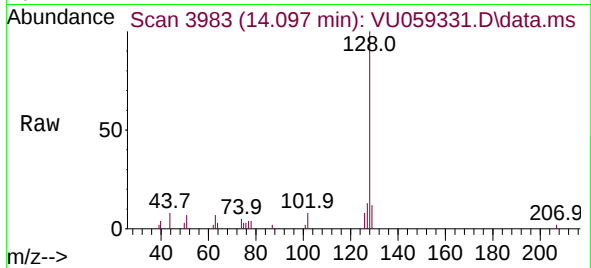
110 1.0 28.4 42.6#





#71
Naphthalene
Concen: 2.682 ug/L
RT: 14.097 min Scan# 3983
Delta R.T. 0.013 min
Lab File: VU059331.D
Acq: 18 Jun 2024 23:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	10861
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.4	15.6
129	10.0	8.5	12.7

