

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059371.D
 Acq On : 20 Jun 2024 11:47
 Operator : MD/SY
 Sample : P2960-06
 Misc : 3.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 05:57:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 05:55:12 2024
 Response via : Initial Calibration

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

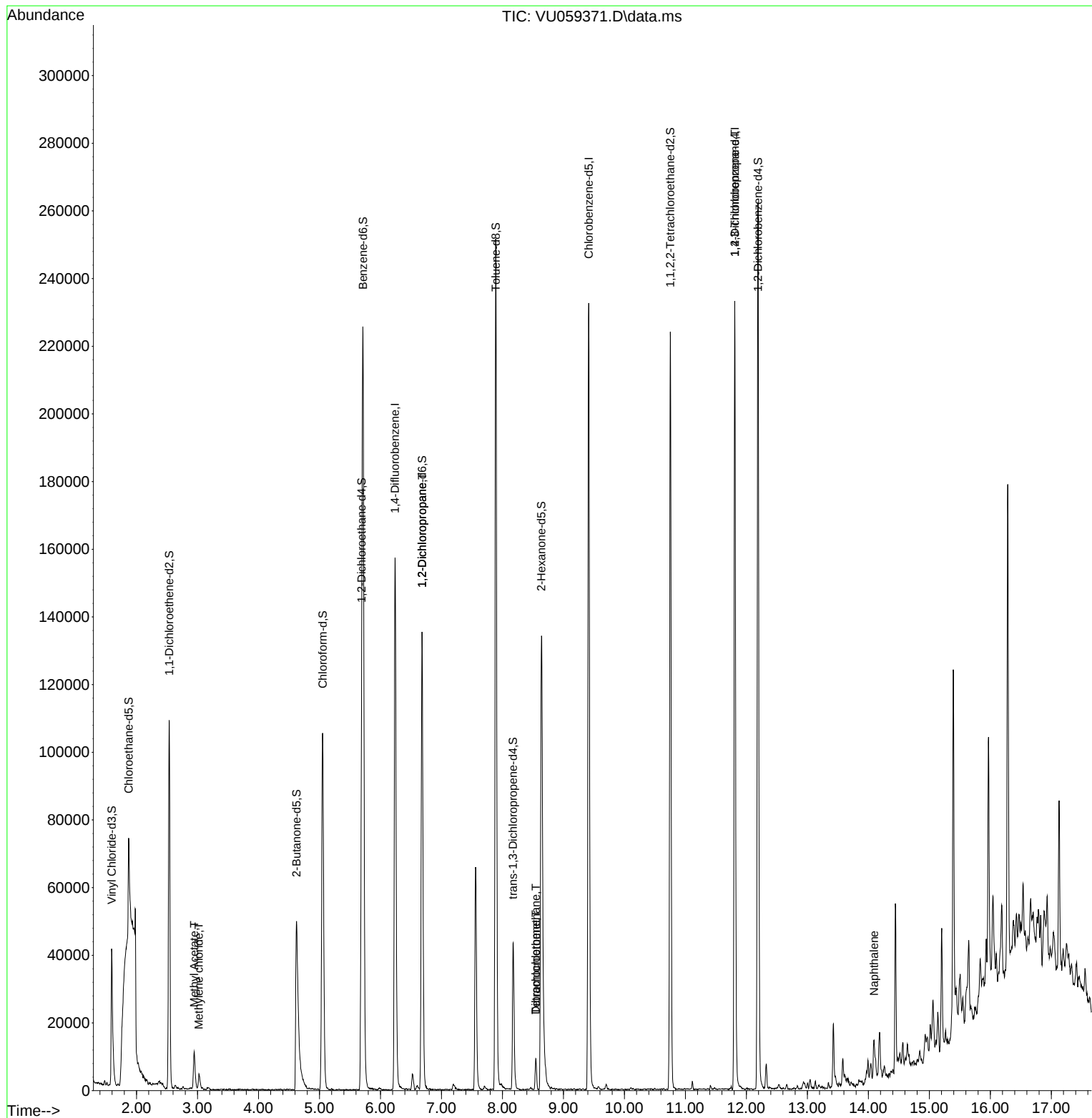
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	136583	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	143499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	64124	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44777	54.754	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 109.500%		
7) Chloroethane-d5	1.872	69	27499	39.255	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery	= 78.500%		
11) 1,1-Dichloroethene-d2	2.534	63	65575	40.624	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery	= 81.240%		
21) 2-Butanone-d5	4.624	46	90124	116.921	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery	= 116.920%		
24) Chloroform-d	5.052	84	104810	64.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 128.760%#		
26) 1,2-Dichloroethane-d4	5.692	65	67425	67.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 135.140%#		
32) Benzene-d6	5.714	84	211405	64.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 128.380%#		
36) 1,2-Dichloropropane-d6	6.682	67	69966	61.612	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 123.220%#		
41) Toluene-d8	7.891	98	178813	63.955	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 127.920%#		
43) trans-1,3-Dichloroprop...	8.174	79	27846	60.663	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 121.320%		
47) 2-Hexanone-d5	8.640	63	60344	114.912	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery	= 114.910%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	118763	61.794	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 123.580%#		
66) 1,2-Dichlorobenzene-d4	12.190	152	74193	77.531	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 155.060%#		
Target Compounds						
						Qvalue
15) Methyl Acetate	2.946	43	13445	9.368	ug/L	94
16) Methylene chloride	3.023	84	2443	1.871	ug/L	88
37) 1,2-Dichloropropane	6.682	63	7448	5.062	ug/L #	90
46) Tetrachloroethene	8.547	164	2181	2.581	ug/L	90
49) Dibromochloromethane	8.547	129	2140	1.790	ug/L #	11
60) 1,2,3-Trichloropropane	11.810	75	7423	4.163	ug/L #	69
71) Naphthalene	14.093	128	8638	2.454	ug/L	96

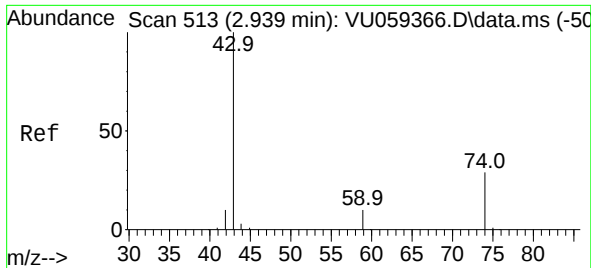
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

Quant Time: Jun 21 05:57:17 2024
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Quant Title : VOC Analysis
QLast Update : Fri Jun 21 05:55:12 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 9.368 ug/L

RT: 2.946 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU059371.D

Acq: 20 Jun 2024 11:47

Instrument :

MSVOA_U

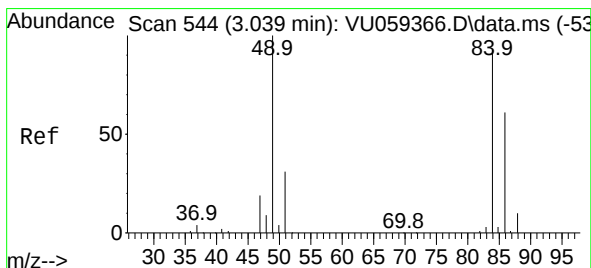
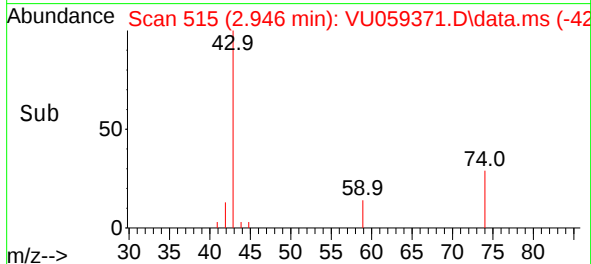
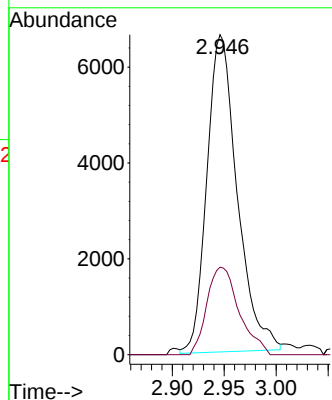
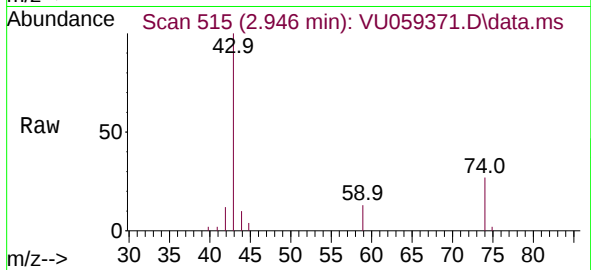
ClientSampleId :

Tgt Ion: 43 Resp: 13445

Ion Ratio Lower Upper

43 100

74 29.3 20.8 31.2



#16

Methylene chloride

Concen: 1.871 ug/L

RT: 3.023 min Scan# 539

Delta R.T. -0.016 min

Lab File: VU059371.D

Acq: 20 Jun 2024 11:47

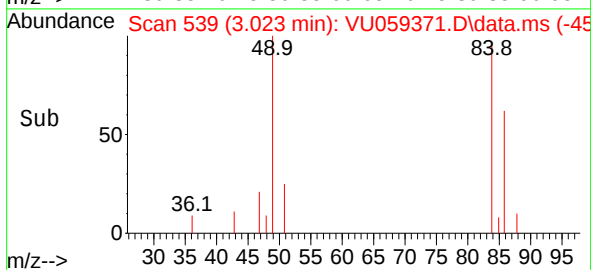
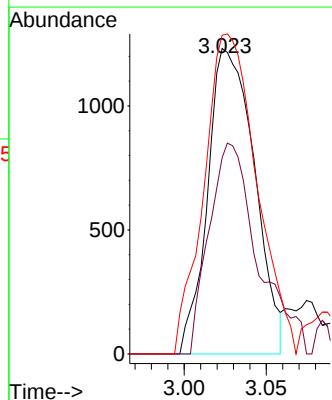
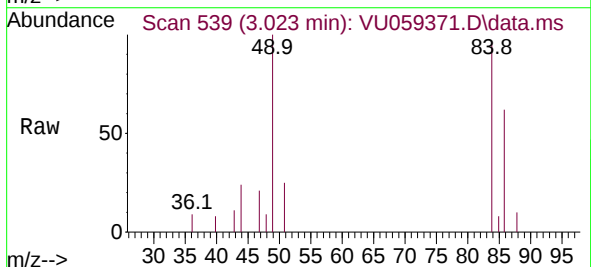
Tgt Ion: 84 Resp: 2443

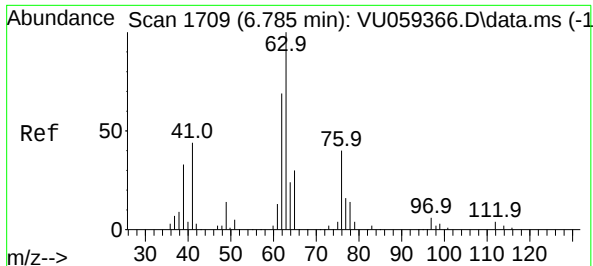
Ion Ratio Lower Upper

84 100

86 64.3 44.9 83.3

49 104.4 87.5 162.5

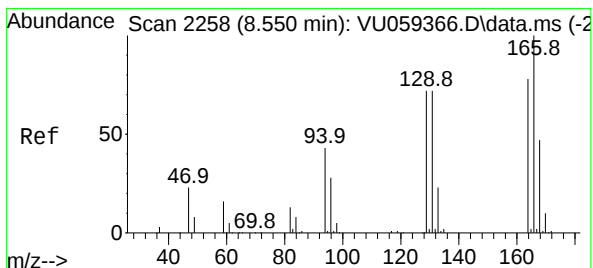
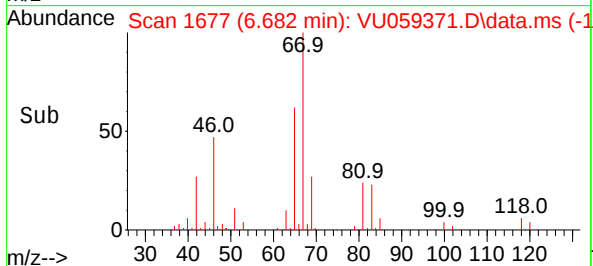
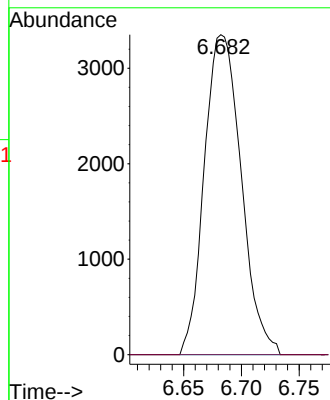
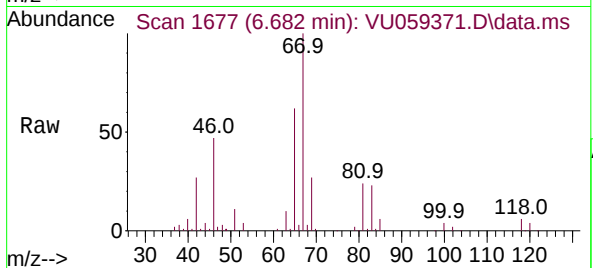




#37
1,2-Dichloropropane
Concen: 5.062 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059371.D
Acq: 20 Jun 2024 11:47

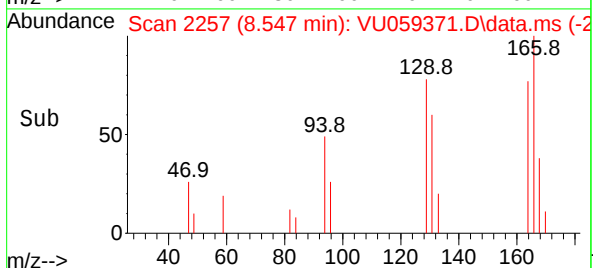
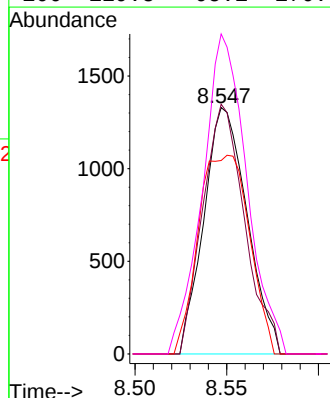
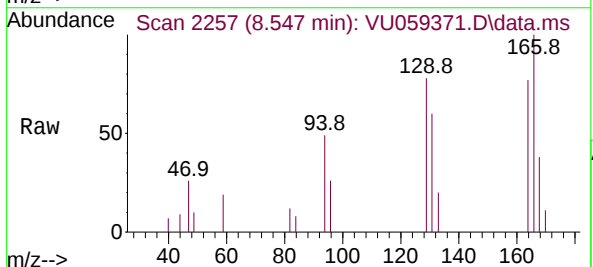
Instrument :
MSVOA_U
ClientSampleId :

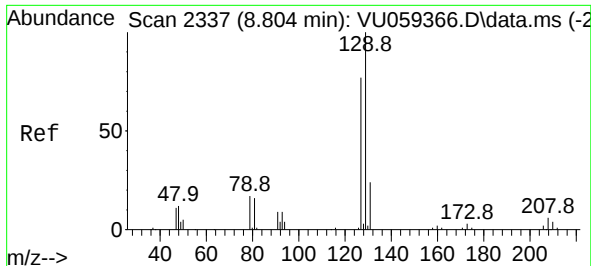
Tgt Ion: 63 Resp: 7448
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#46
Tetrachloroethene
Concen: 2.581 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059371.D
Acq: 20 Jun 2024 11:47

Tgt Ion: 164 Resp: 2181
Ion Ratio Lower Upper
164 100
129 101.4 74.5 138.5
131 78.5 70.6 131.0
166 129.8 95.1 176.7





#49

Dibromochloromethane

Concen: 1.790 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min MSVOA_U

Lab File: VU059371.D

Acq: 20 Jun 2024 11:47

Instrument :

MSVOA_U

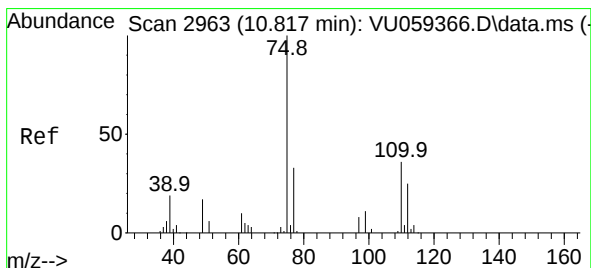
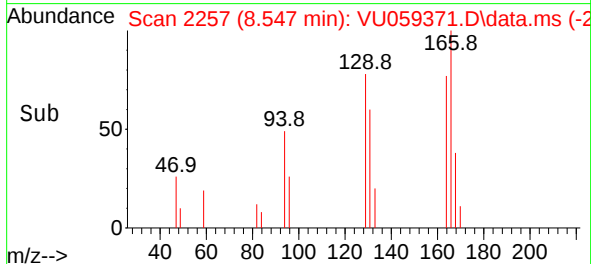
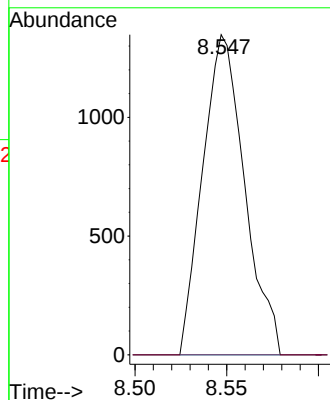
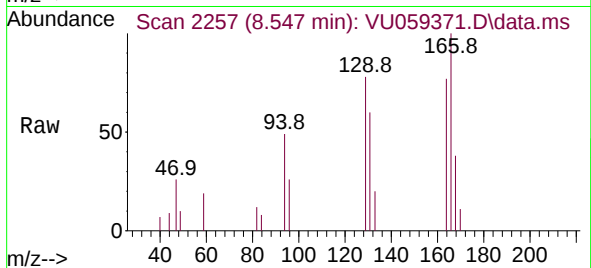
ClientSampleId :

Tgt Ion:129 Resp: 2140

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#60

1,2,3-Trichloropropane

Concen: 4.163 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.993 min

Lab File: VU059371.D

Acq: 20 Jun 2024 11:47

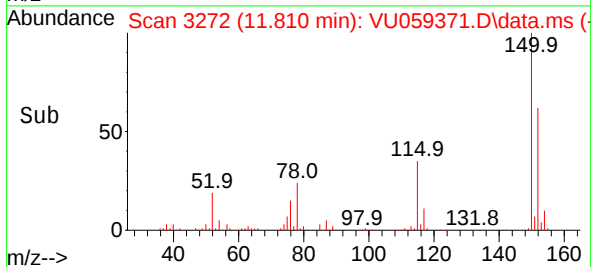
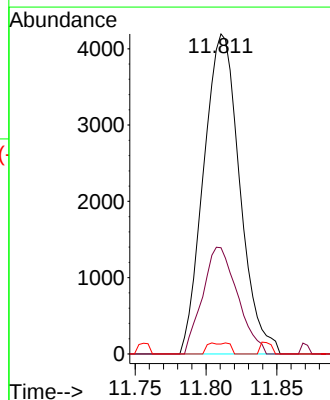
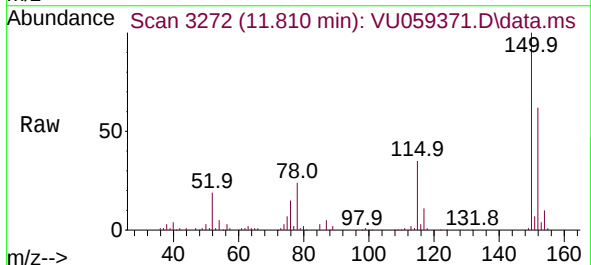
Tgt Ion: 75 Resp: 7423

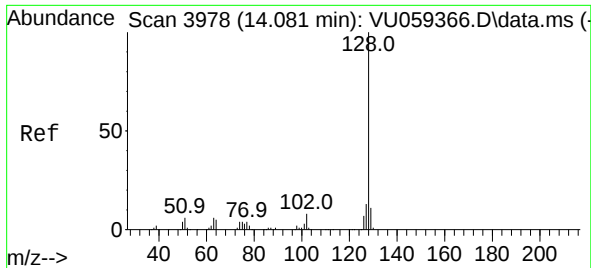
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

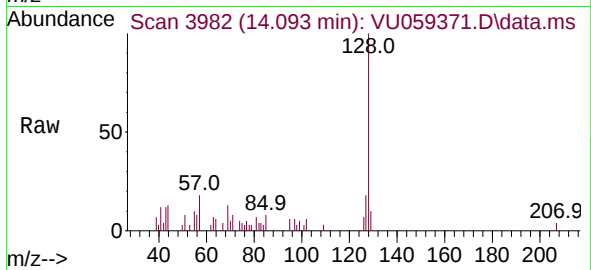
110 1.0 28.4 42.6#





#71
Naphthalene
Concen: 2.454 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU059371.D
Acq: 20 Jun 2024 11:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	8638
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.4	15.6
129	10.0	8.5	12.7

