

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059283.D
 Acq On : 17 Jun 2024 16:24
 Operator : MD/SY
 Sample : P2897-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:22:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

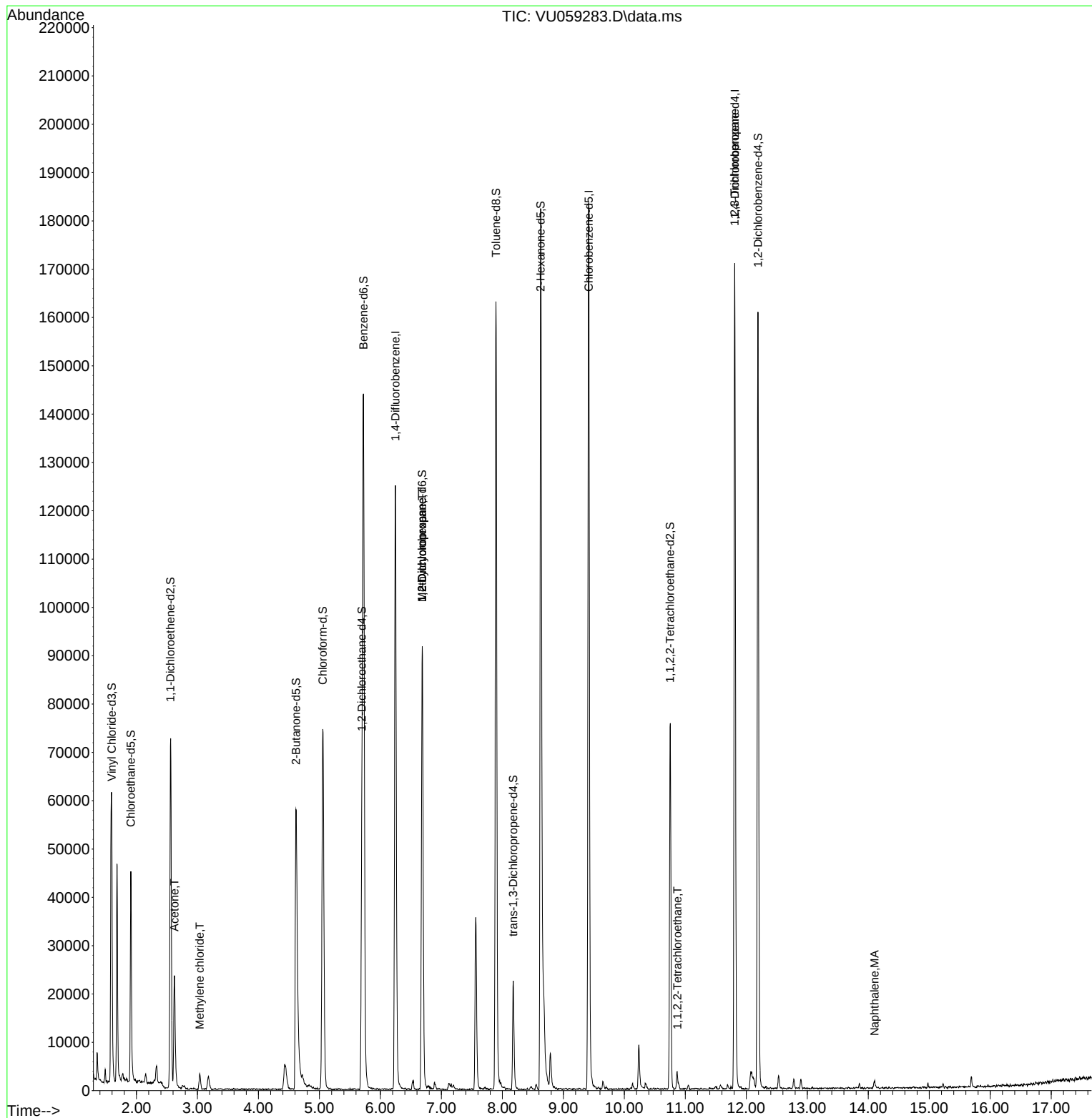
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	105783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	109670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	48584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33495	4.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.908	69	34291	4.845	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.557	65	13496	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.615	46	88037	58.104	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.200%
24) Chloroform-d	5.055	84	72621	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.695	65	37484	5.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	139812	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.685	67	45976	4.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.894	98	114946	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	13696	4.729	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.627	63	62104	51.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40089	5.246	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	45223	5.230	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
13) Acetone	2.621	43	26633	27.097	ug/L	99
16) Methylene chloride	3.036	84	1765	0.199	ug/L #	75
35) Methylcyclohexane	6.685	83	10520	0.820	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4808	0.558	ug/L #	90
57) 1,1,2,2-Tetrachloroethane	10.869	83	1805	0.234	ug/L #	25
61) 1,2,3-Trichloropropane	11.807	75	5580	1.243	ug/L #	66
71) Naphthalene	14.103	128	2431	0.196	ug/L #	88

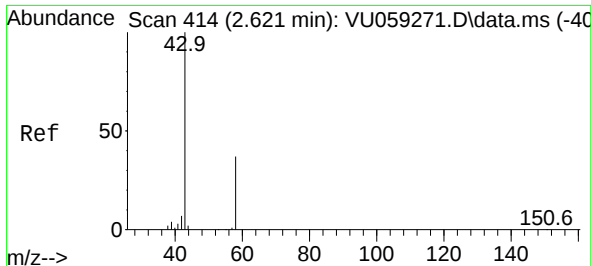
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 27.097 ug/L

RT: 2.621 min Scan# 414

Delta R.T. -0.019 min

Lab File: VU059283.D

Acq: 17 Jun 2024 16:24

Instrument :

MSVOA_U

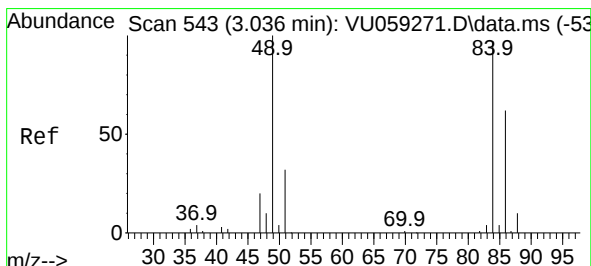
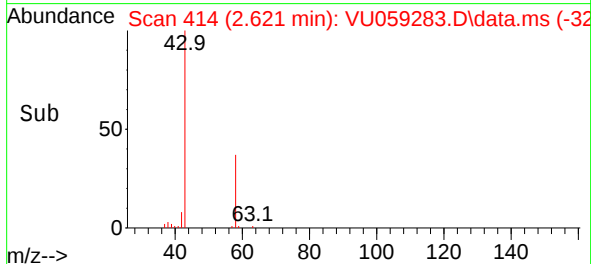
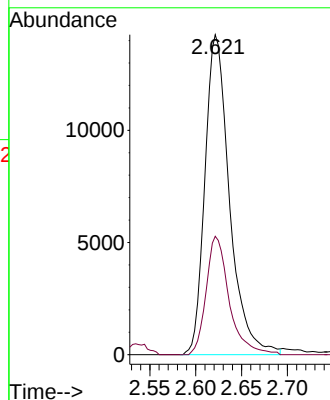
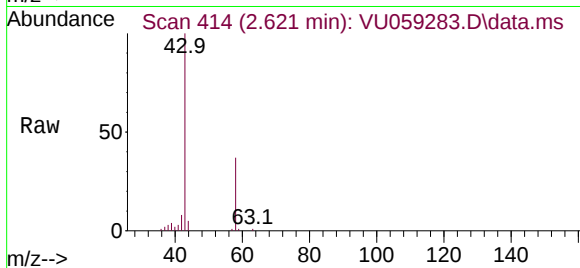
ClientSampleId :

Tgt Ion: 43 Resp: 26633

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.0



#16

Methylene chloride

Concen: 0.199 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059283.D

Acq: 17 Jun 2024 16:24

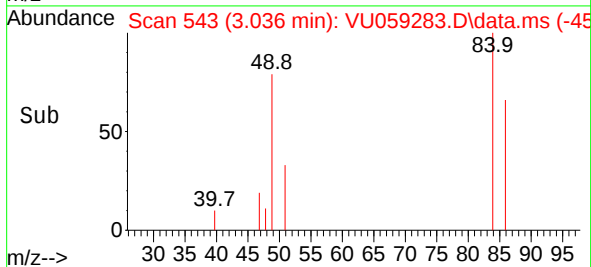
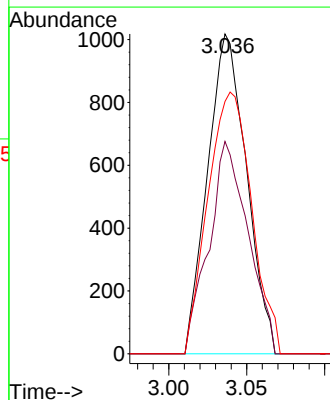
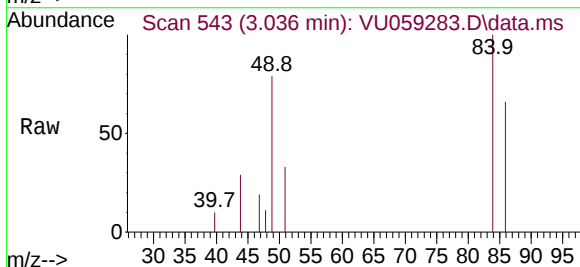
Tgt Ion: 84 Resp: 1765

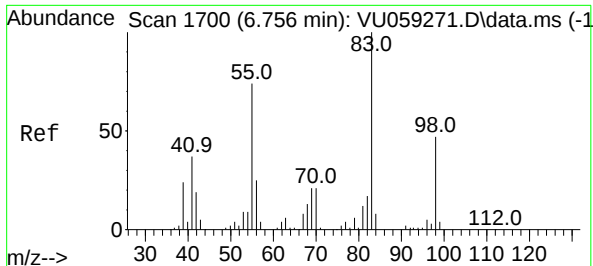
Ion Ratio Lower Upper

84 100

86 66.4 42.1 78.1

49 78.9 80.6 149.8#

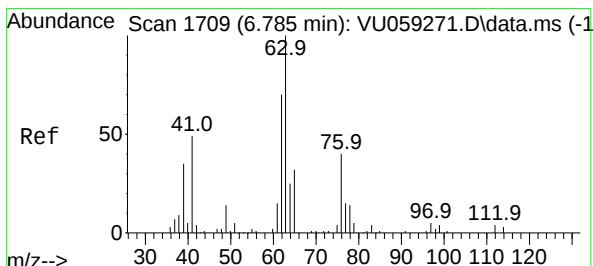
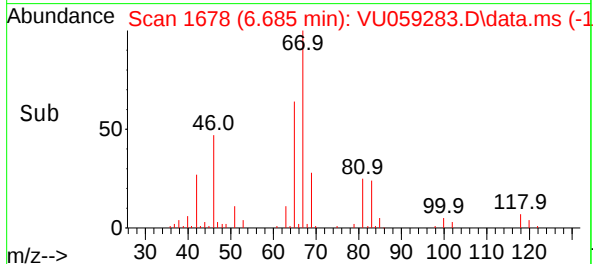
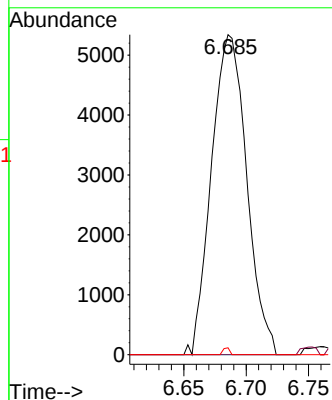
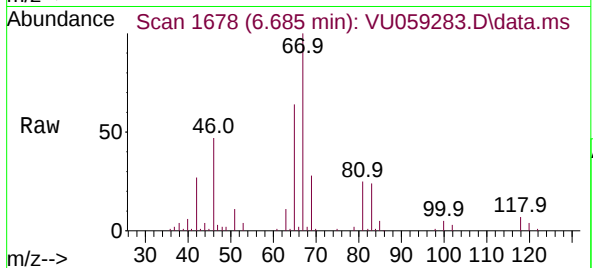




#35
Methylcyclohexane
Concen: 0.820 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059283.D
Acq: 17 Jun 2024 16:24

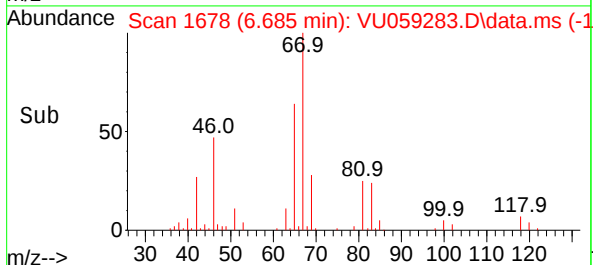
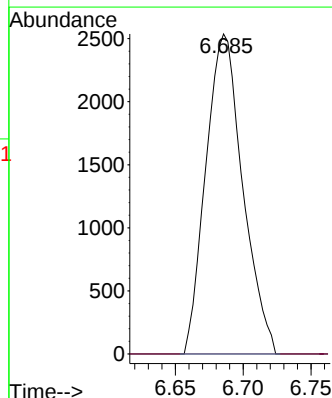
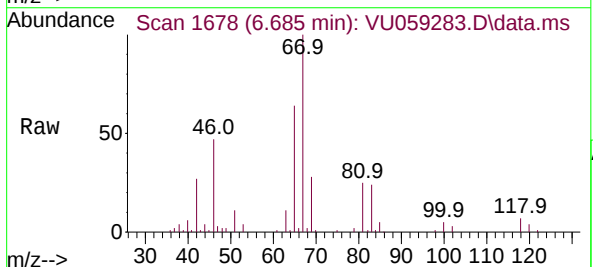
Instrument :
MSVOA_U
ClientSampleId :

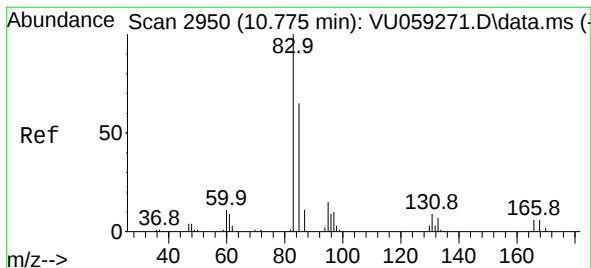
Tgt Ion: 83 Resp: 10520
Ion Ratio Lower Upper
83 100
55 1.1 62.7 94.1#
98 0.4 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU059283.D
Acq: 17 Jun 2024 16:24

Tgt Ion: 63 Resp: 4808
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.234 ug/L

RT: 10.869 min Scan# 2950

Delta R.T. 0.093 min

Lab File: VU059283.D

Acq: 17 Jun 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :

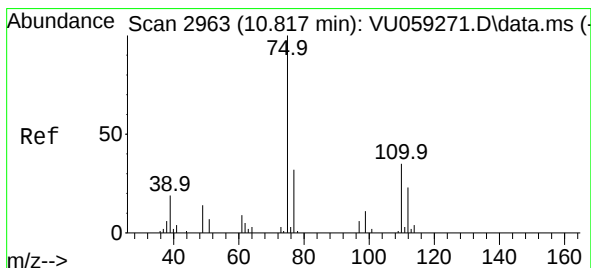
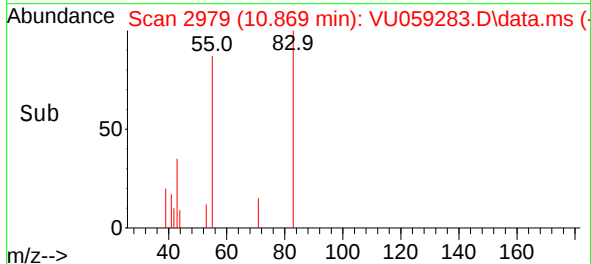
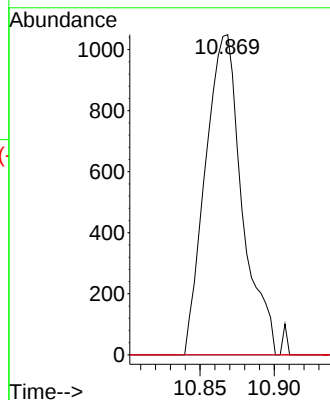
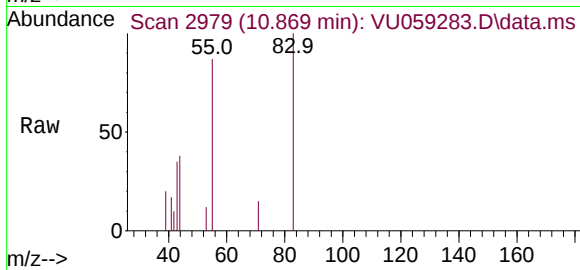
Tgt Ion: 83 Resp: 1805

Ion Ratio Lower Upper

83 100

85 0.0 44.7 82.9#

131 0.0 6.9 10.3#



#61

1,2,3-Trichloropropane

Concen: 1.243 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059283.D

Acq: 17 Jun 2024 16:24

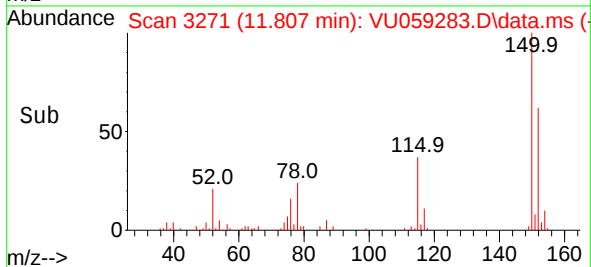
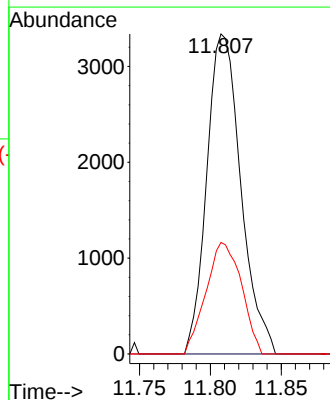
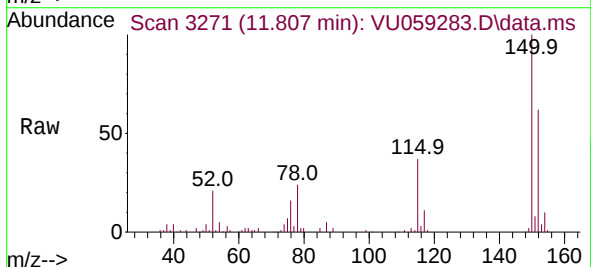
Tgt Ion: 75 Resp: 5580

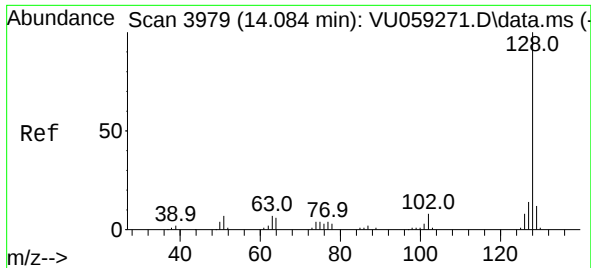
Ion Ratio Lower Upper

75 100

110 0.0 27.1 40.7#

77 36.2 25.4 38.2





#71

Naphthalene

Concen: 0.196 ug/L

RT: 14.103 min Scan# 3985

Delta R.T. 0.019 min

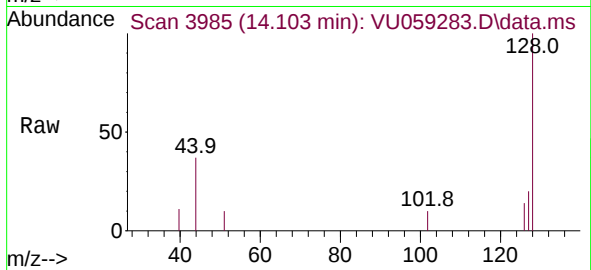
Lab File: VU059283.D

Acq: 17 Jun 2024 16:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 2431

Ion Ratio Lower Upper

128 100

129 1.7 8.2 12.4#

127 11.6 10.2 15.4

