

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061724\
 Data File : VU059293.D
 Acq On : 17 Jun 2024 20:27
 Operator : MD/SY
 Sample : P2873-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:24:28 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)

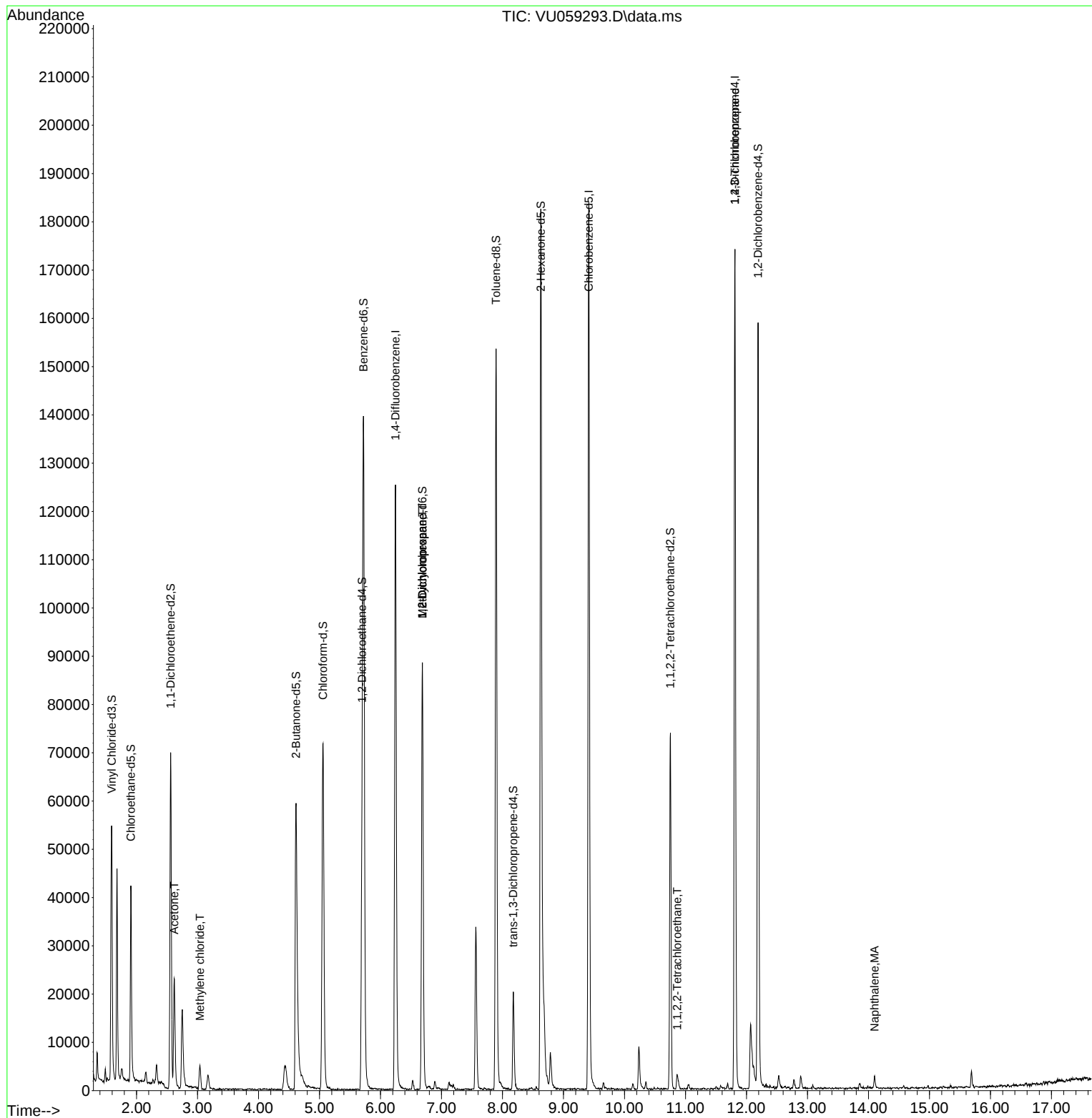
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	105088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	107702	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	49555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31529	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	32494	4.622	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.560	65	12939	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.615	46	86978	57.785	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.560%
24) Chloroform-d	5.055	84	69231	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.698	65	37035	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	134812	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	43901	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.894	98	108323	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	12407	4.362	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	62070	52.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	38403	5.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	43525	4.935	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
13) Acetone	2.618	43	26042	26.671	ug/L	98
16) Methylene chloride	3.039	84	2633	0.298	ug/L	81
35) Methylcyclohexane	6.685	83	10027	0.796	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	4696	0.555	ug/L #	90
57) 1,1,2,2-Tetrachloroethane	10.862	83	1813	0.240	ug/L #	25
61) 1,2,3-Trichloropropane	11.811	75	5693	1.243	ug/L #	69
71) Naphthalene	14.100	128	2922	0.231	ug/L #	90

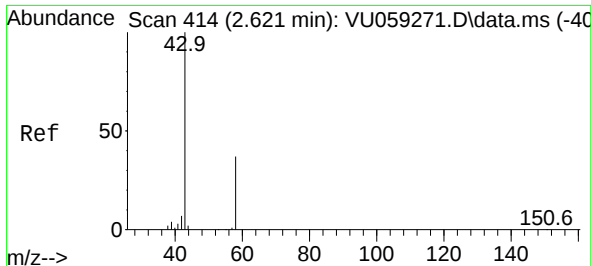
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 26.671 ug/L

RT: 2.618 min Scan# 41

Delta R.T. -0.023 min

Lab File: VU059293.D

Acq: 17 Jun 2024 20:27

Instrument :

MSVOA_U

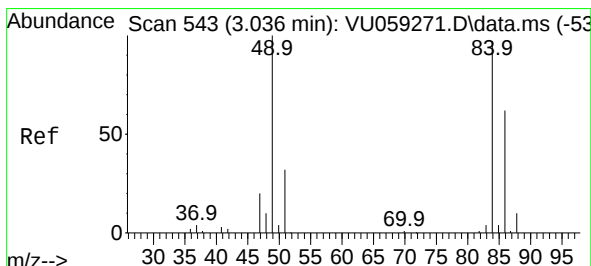
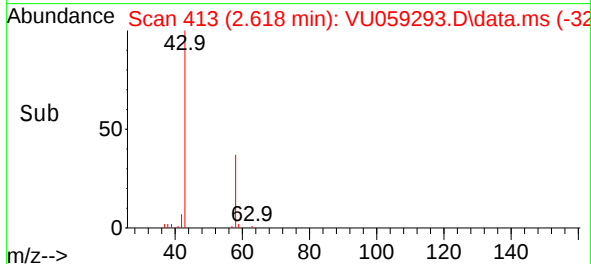
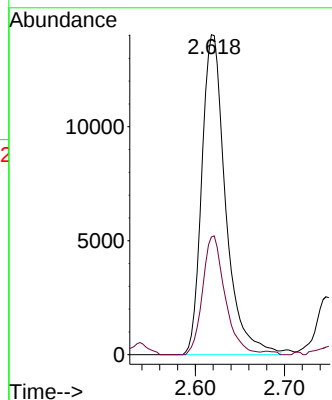
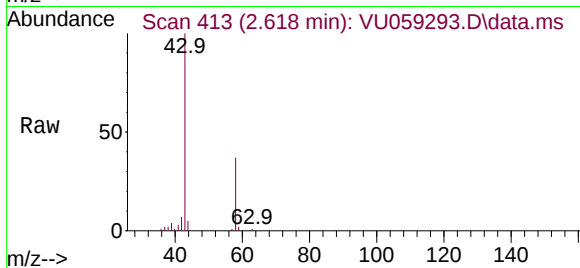
ClientSampleId :

Tgt Ion: 43 Resp: 26042

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.0



#16

Methylene chloride

Concen: 0.298 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU059293.D

Acq: 17 Jun 2024 20:27

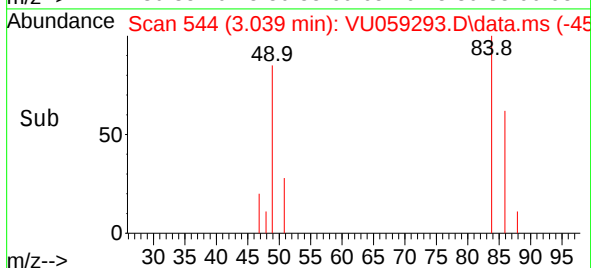
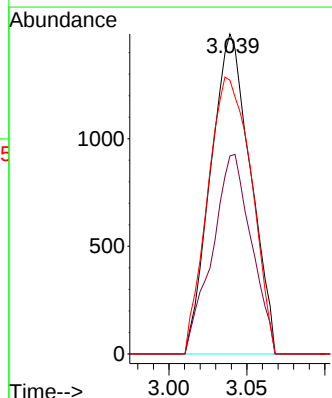
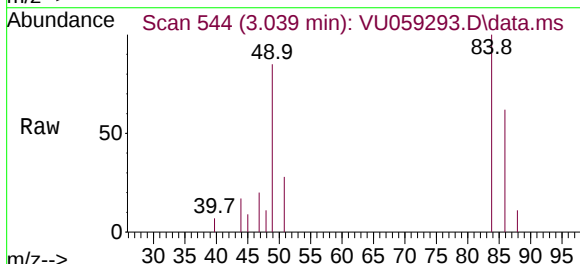
Tgt Ion: 84 Resp: 2633

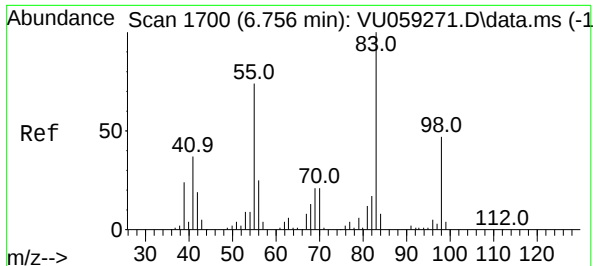
Ion Ratio Lower Upper

84 100

86 61.9 42.1 78.1

49 85.5 80.6 149.8





#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU059293.D

Acq: 17 Jun 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

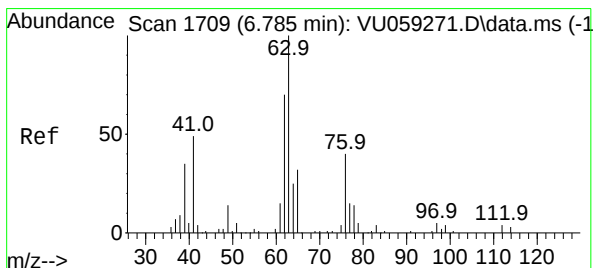
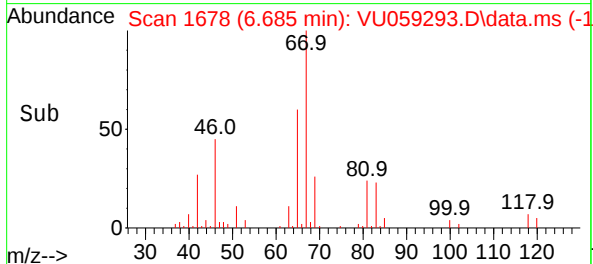
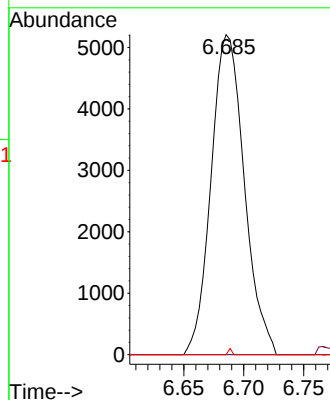
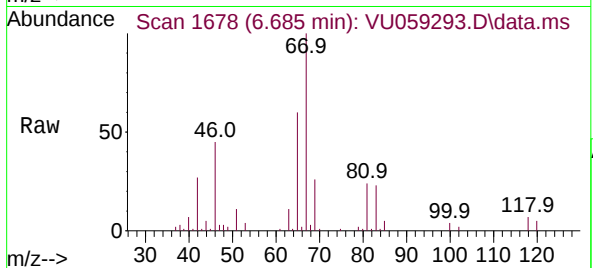
Tgt Ion: 83 Resp: 10027

Ion Ratio Lower Upper

83 100

55 0.9 62.7 94.1#

98 0.2 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU059293.D

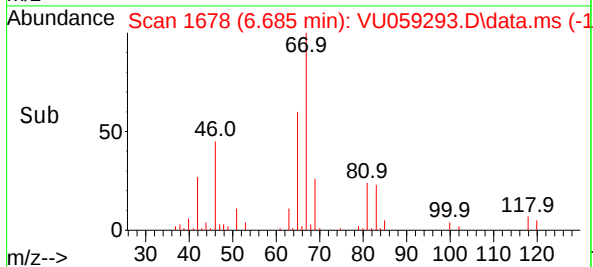
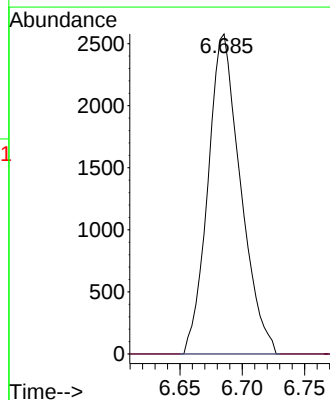
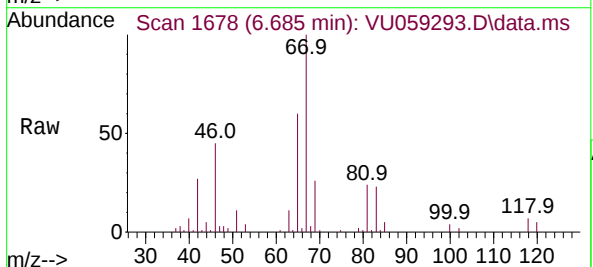
Acq: 17 Jun 2024 20:27

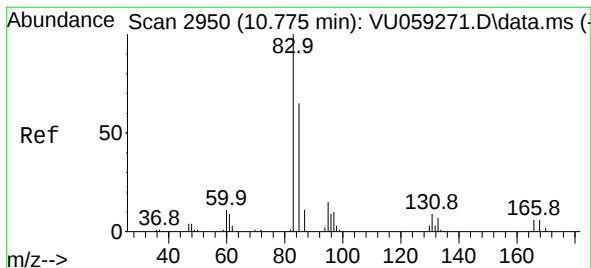
Tgt Ion: 63 Resp: 4696

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.240 ug/L

RT: 10.862 min Scan# 2950

Delta R.T. 0.087 min

Lab File: VU059293.D

Acq: 17 Jun 2024 20:27

Instrument :

MSVOA_U

ClientSampleId :

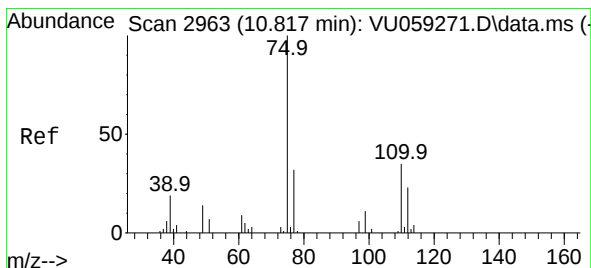
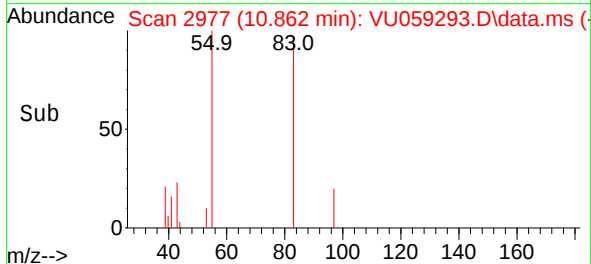
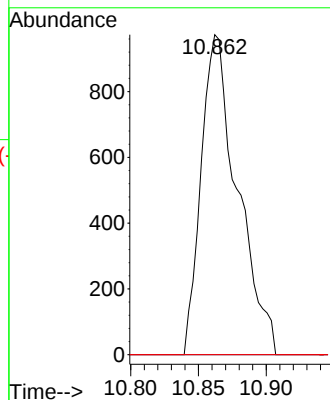
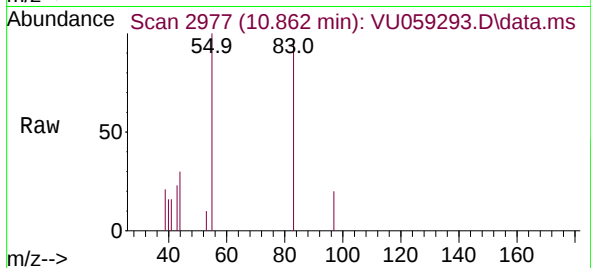
Tgt Ion: 83 Resp: 1813

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: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU059293.D

Acq: 17 Jun 2024 20:27

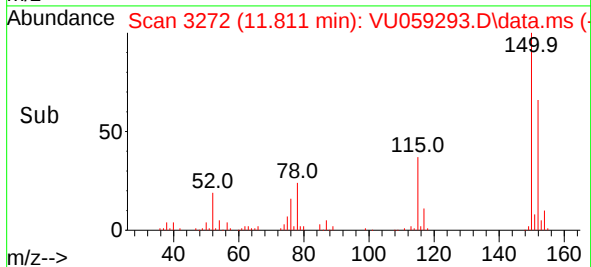
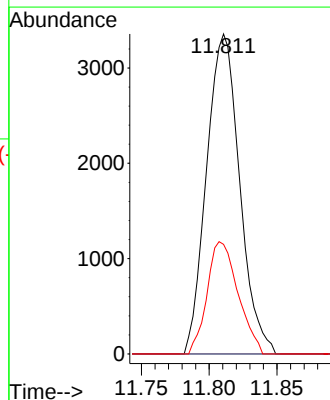
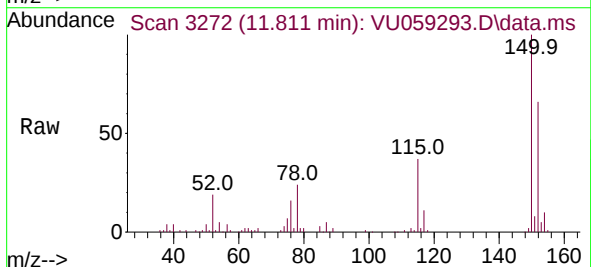
Tgt Ion: 75 Resp: 5693

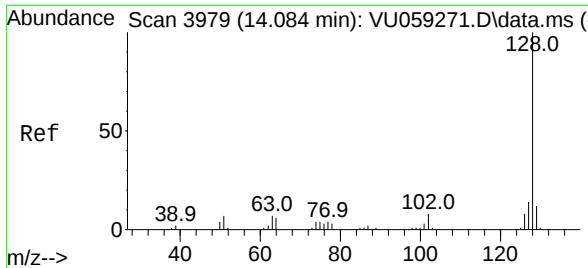
Ion Ratio Lower Upper

75 100

110 0.0 27.1 40.7#

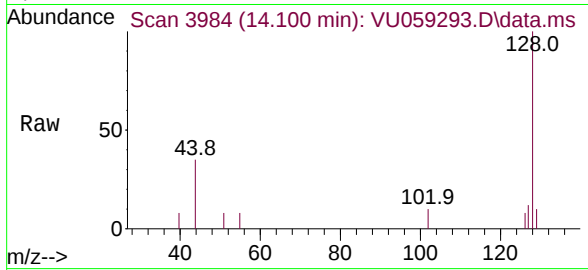
77 32.8 25.4 38.2





#71
Naphthalene
Concen: 0.231 ug/L
RT: 14.100 min Scan# 3979
Delta R.T. 0.016 min
Lab File: VU059293.D
Acq: 17 Jun 2024 20:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	2922
Ion	Ratio	Lower	Upper
128	100		
129	7.8	8.2	12.4#
127	7.9	10.2	15.4#

