

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059811.D
 Acq On : 03 Jul 2024 20:54
 Operator : MD/SY
 Sample : P3136-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:12:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

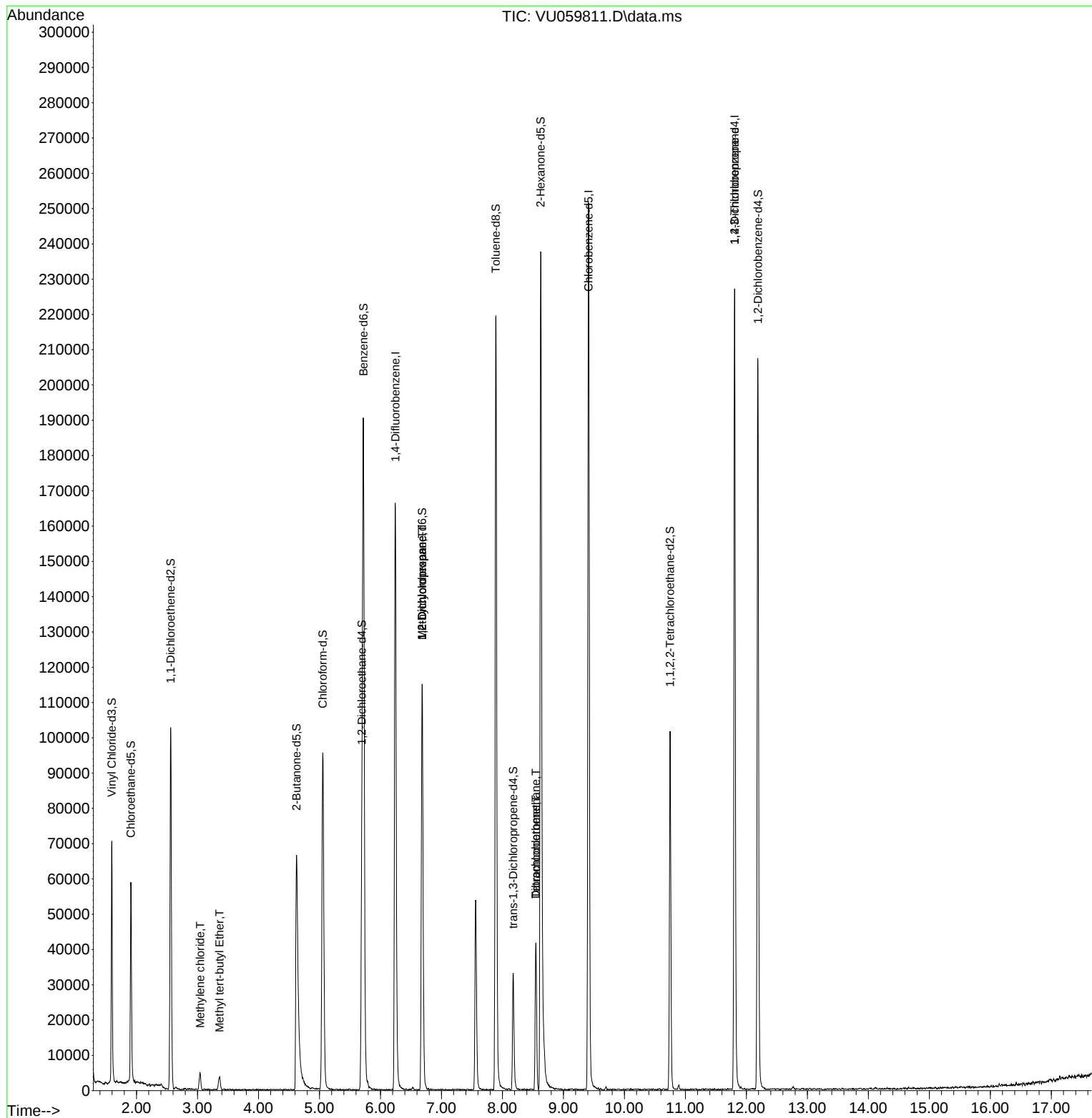
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	143981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51019	5.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.907	69	42557	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.560	65	19336	4.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.624	46	110458	53.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.120%
24) Chloroform-d	5.055	84	95280	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.695	65	46174	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.721	84	187178	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.685	67	60144	4.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	158003	3.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	8.177	79	20176	4.905	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.627	63	85854	50.235	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52994	4.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	61392	5.207	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	2504	0.207	ug/L	82
17) Methyl tert-butyl Ether	3.361	73	4251	0.193	ug/L #	84
35) Methylcyclohexane	6.685	83	14518	0.797	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6024	0.492	ug/L #	90
47) Tetrachloroethene	8.547	164	9956	1.002	ug/L	98
49) Dibromochloromethane	8.547	129	8976	0.898	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7187	1.174	ug/L #	68

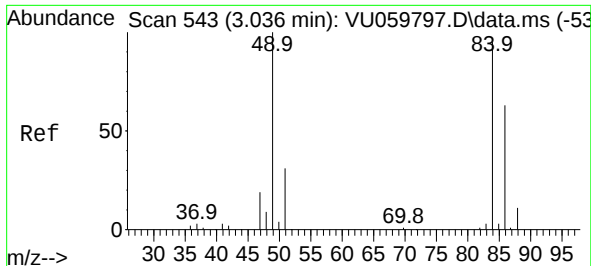
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 04 02:08:13 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.207 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.006 min

Lab File: VU059811.D

Acq: 03 Jul 2024 20:54

Instrument :

MSVOA_U

ClientSampleId :

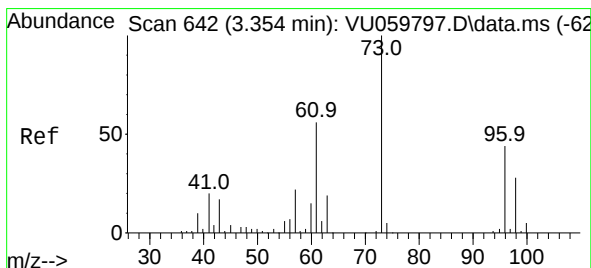
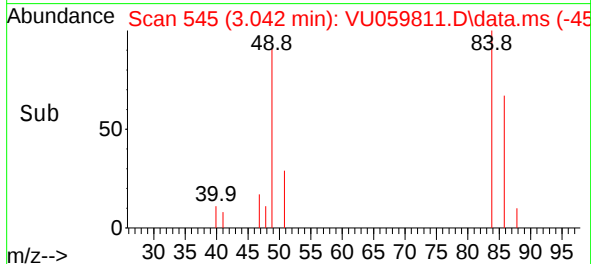
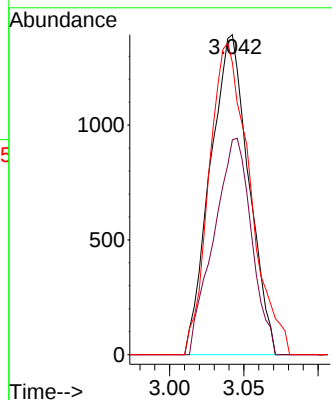
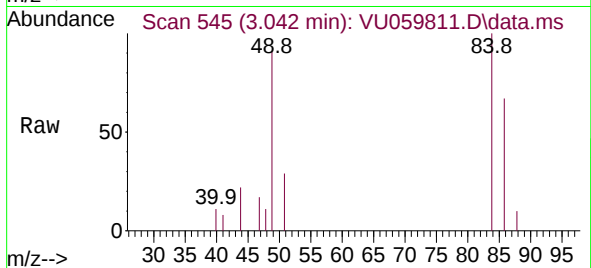
Tgt Ion: 84 Resp: 2504

Ion Ratio Lower Upper

84 100

86 67.1 42.1 78.1

49 91.3 80.6 149.8



#17

Methyl tert-butyl Ether

Concen: 0.193 ug/L

RT: 3.361 min Scan# 644

Delta R.T. 0.006 min

Lab File: VU059811.D

Acq: 03 Jul 2024 20:54

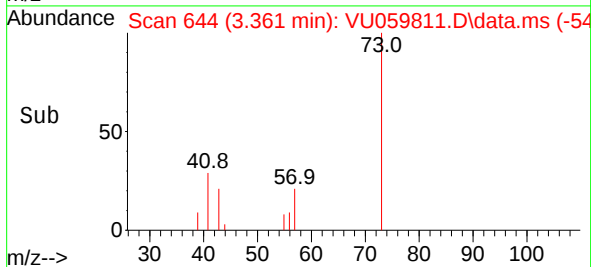
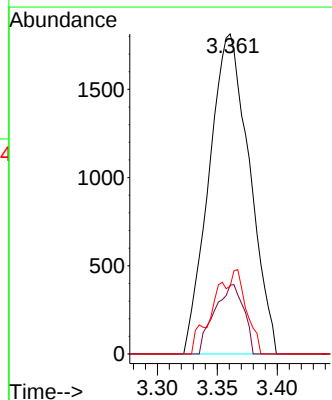
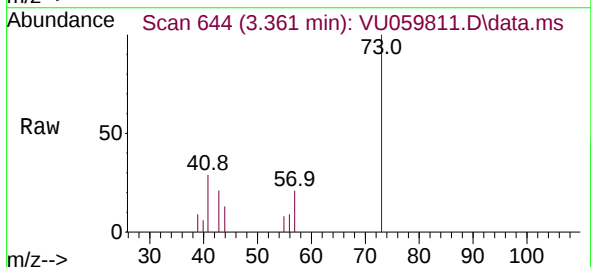
Tgt Ion: 73 Resp: 4251

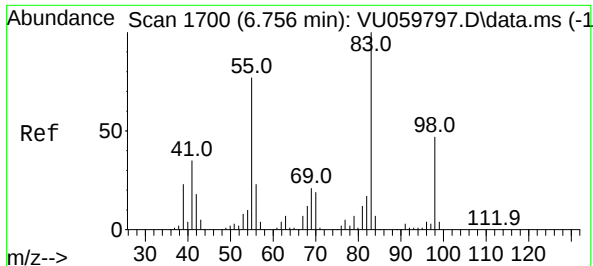
Ion Ratio Lower Upper

73 100

43 15.6 14.9 22.3

57 11.0 18.0 27.0#

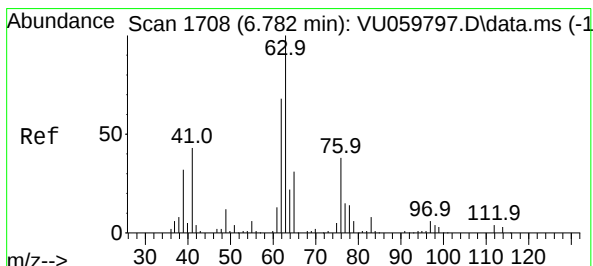
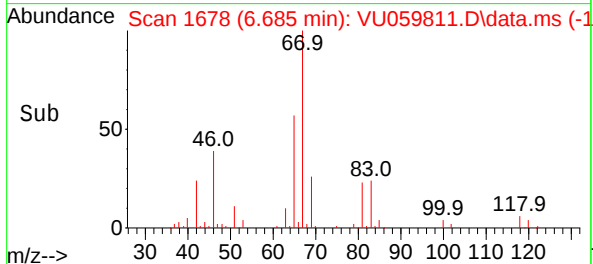
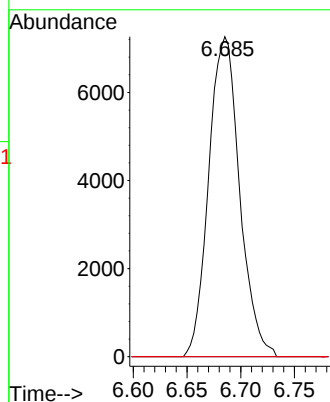
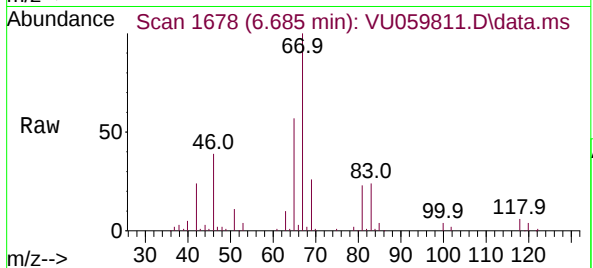




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059811.D
Acq: 03 Jul 2024 20:54

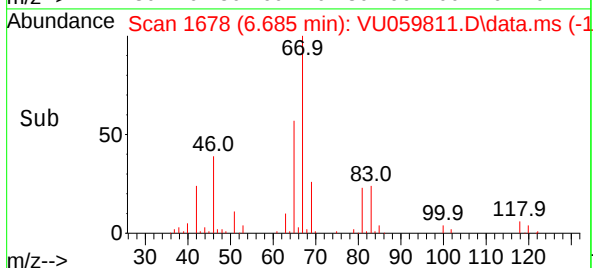
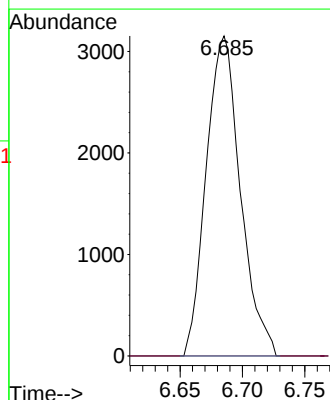
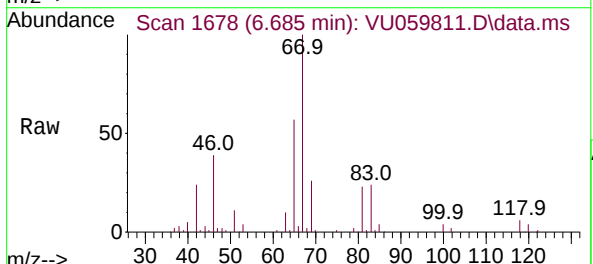
Instrument :
MSVOA_U
ClientSampleId :

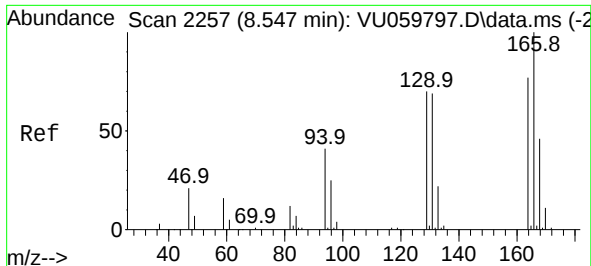
Tgt Ion: 83 Resp: 14518
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.2 35.4 53.0#



#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU059811.D
Acq: 03 Jul 2024 20:54

Tgt Ion: 63 Resp: 6024
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 1.002 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

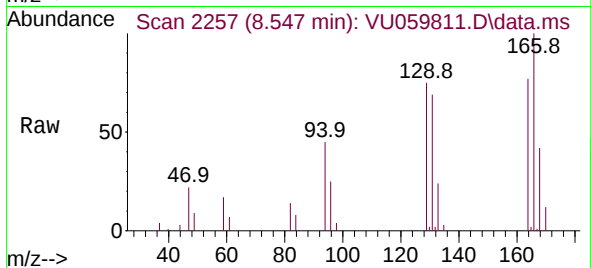
Lab File: VU059811.D

Acq: 03 Jul 2024 20:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 9956

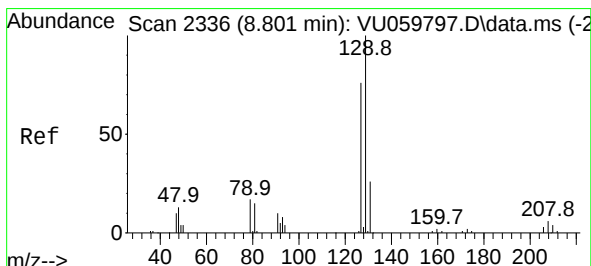
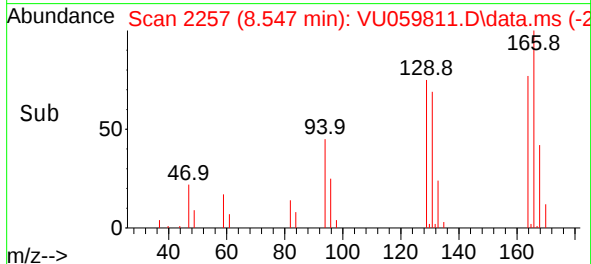
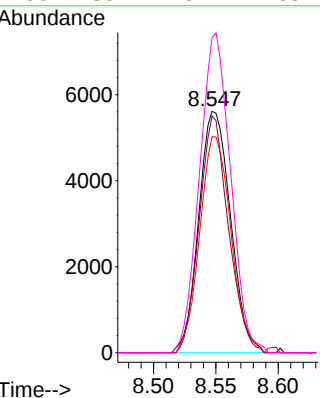
Ion Ratio Lower Upper

164 100

129 98.0 70.8 131.4

131 89.4 64.8 120.3

166 130.4 91.1 169.1



#49

Dibromochloromethane

Concen: 0.898 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059811.D

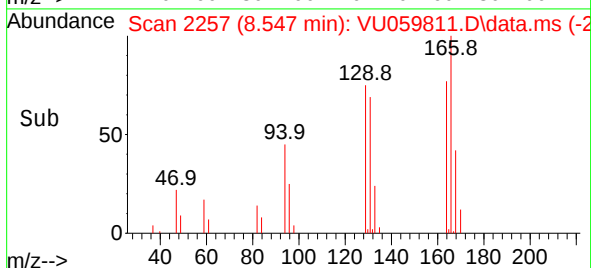
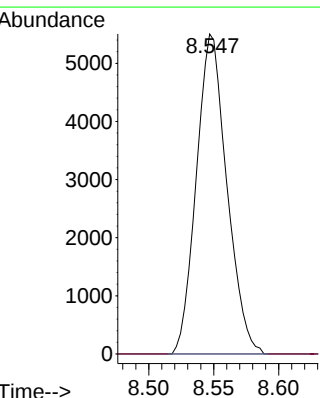
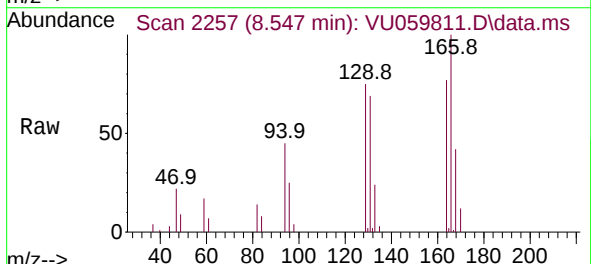
Acq: 03 Jul 2024 20:54

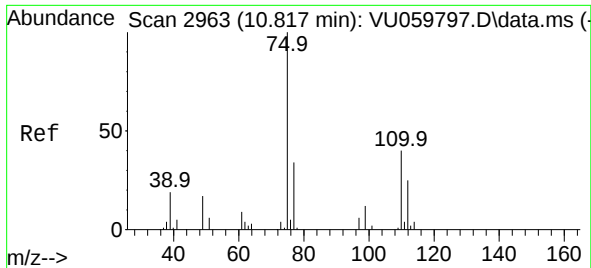
Tgt Ion:129 Resp: 8976

Ion Ratio Lower Upper

129 100

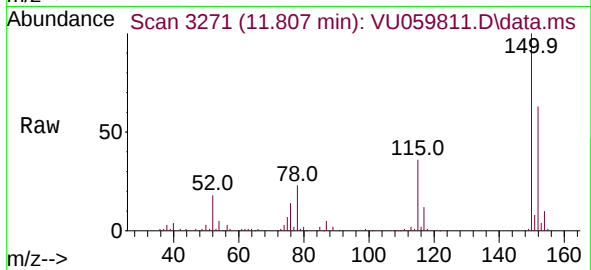
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.174 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU059811.D
 Acq: 03 Jul 2024 20:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7187
 Ion Ratio Lower Upper
 75 100
 110 1.7 27.1 40.7#
 77 35.7 25.4 38.2

