

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059927.D
 Acq On : 12 Jul 2024 17:22
 Operator : MD/SY
 Sample : P3217-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 03:58:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

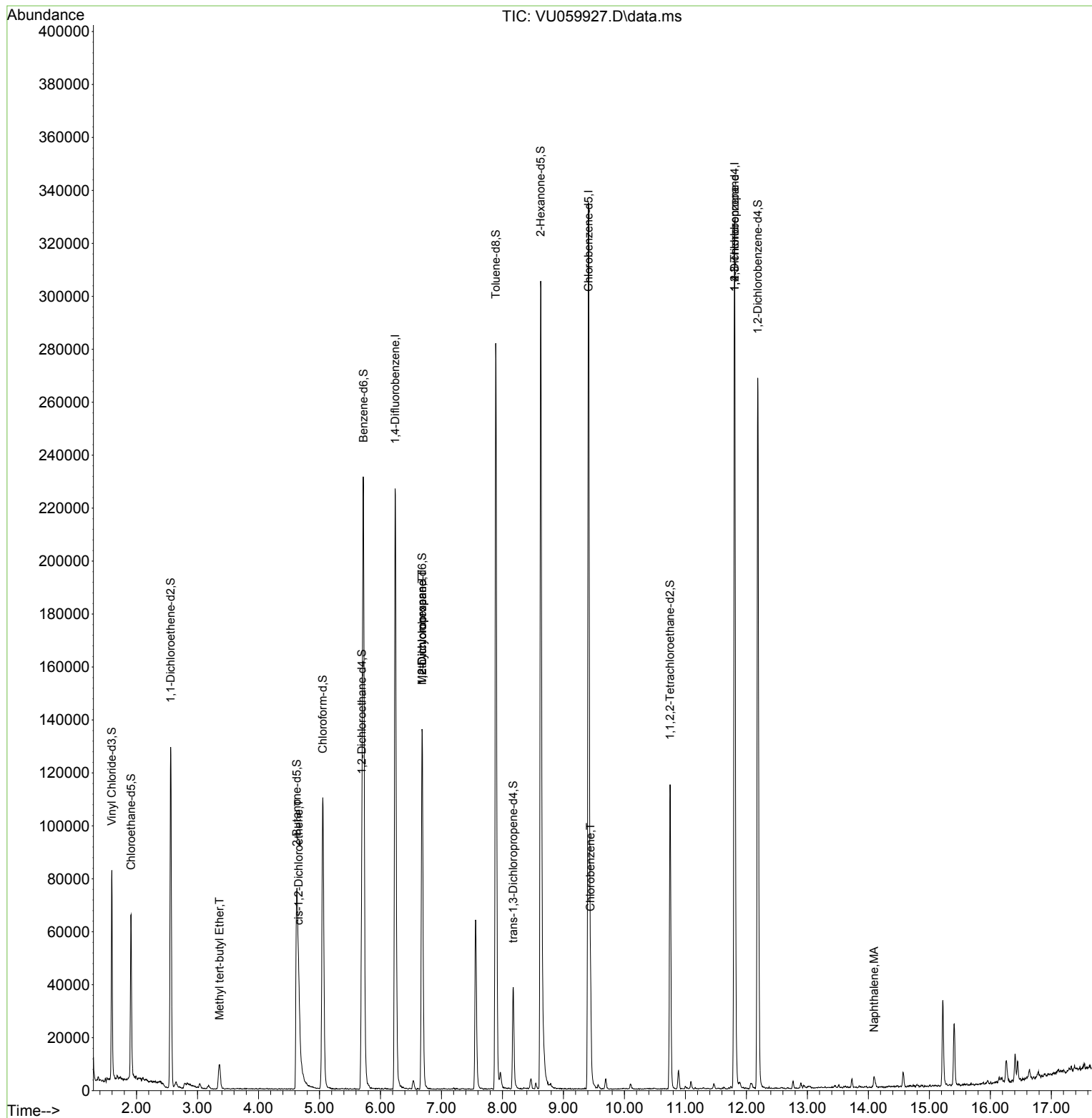
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197549	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	97523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	55913	4.070	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.400%	
7) Chloroethane-d5	1.911	69	47146	3.567	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.400%	
11) 1,1-Dichloroethene-d2	2.560	65	24172	4.242	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.800%	
20) 2-Butanone-d5	4.627	46	145769	51.517	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.040%	
24) Chloroform-d	5.055	84	107714	3.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.400%	
26) 1,2-Dichloroethane-d4	5.695	65	55140	4.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
32) Benzene-d6	5.721	84	224536	4.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
36) 1,2-Dichloropropane-d6	6.682	67	67183	4.011	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.200%	
41) Toluene-d8	7.891	98	197748	3.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	8.177	79	24780	4.724	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.627	63	113649	52.148	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.300%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58895	4.255	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	12.187	152	77974	4.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
17) Methyl tert-butyl Ether	3.361	73	11299	0.374	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	7680	0.478	ug/L	92
35) Methylcyclohexane	6.682	83	16004	0.689	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	7451	0.477	ug/L #	90
51) Chlorobenzene	9.444	112	23149	0.572	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	10871	1.206	ug/L #	71
71) Naphthalene	14.093	128	4856	0.195	ug/L #	95

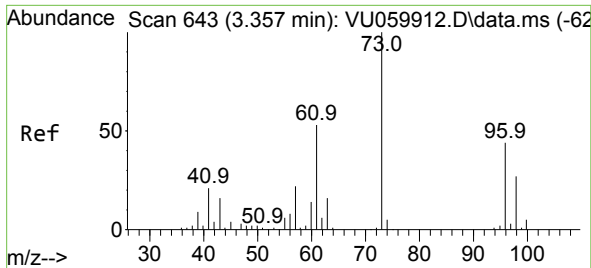
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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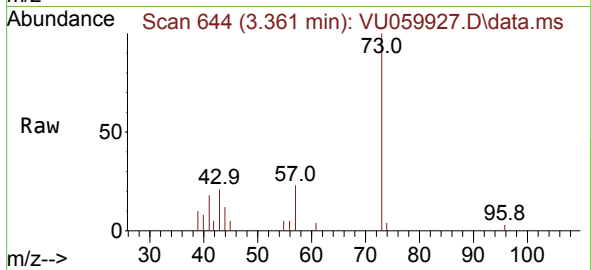
Quant Time: Jul 13 03:58:58 2024
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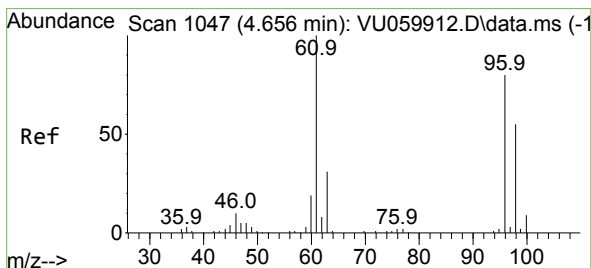
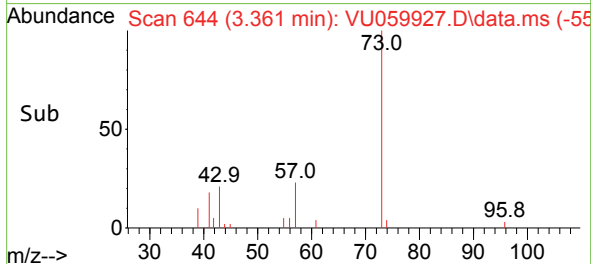
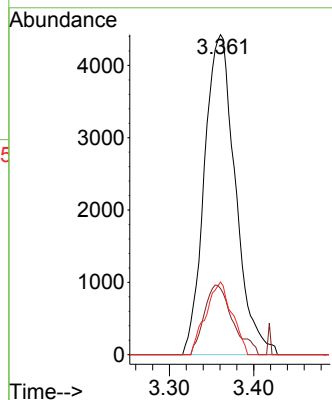


#17
Methyl tert-butyl Ether
Concen: 0.374 ug/L
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU059927.D
Acq: 12 Jul 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

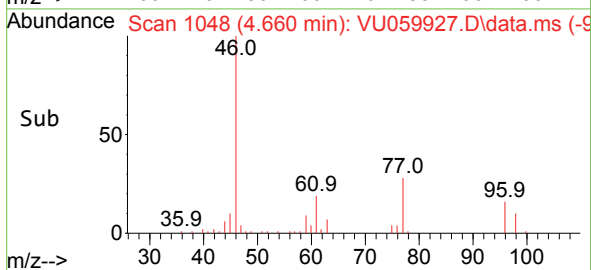
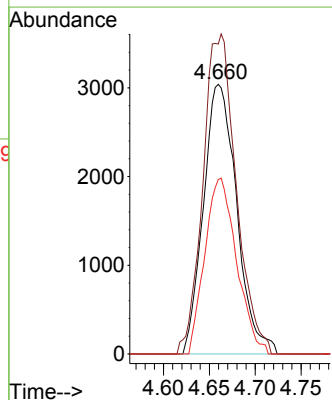
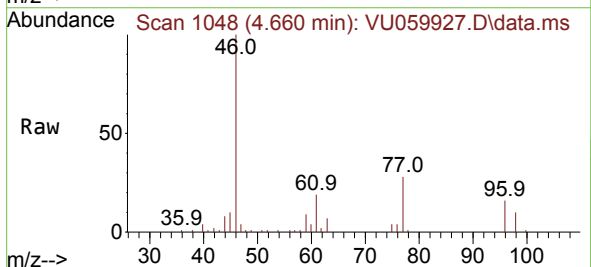


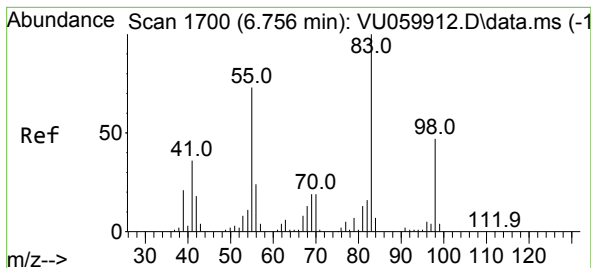
Tgt Ion: 73 Resp: 11299
Ion Ratio Lower Upper
73 100
43 20.0 14.9 22.3
57 19.2 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.478 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059927.D
Acq: 12 Jul 2024 17:22

Tgt Ion: 96 Resp: 7680
Ion Ratio Lower Upper
96 100
61 114.9 87.4 162.2
98 64.7 42.3 78.5





#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059927.D

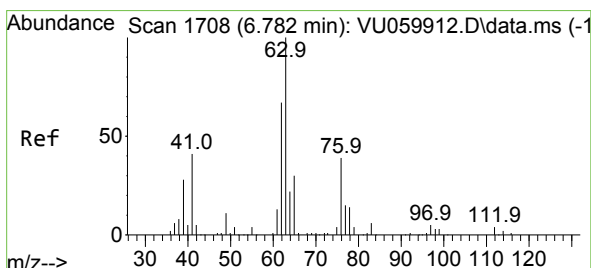
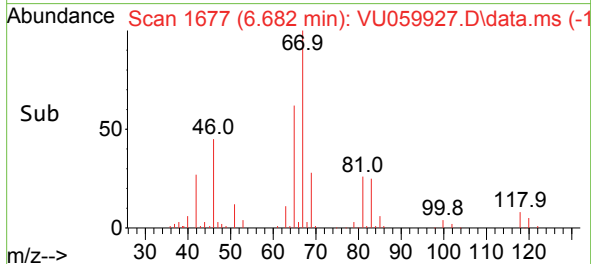
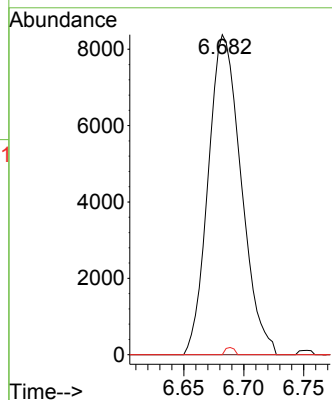
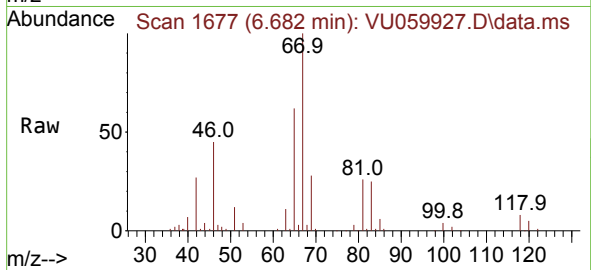
Acq: 12 Jul 2024 17:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16004
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 0.6	35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

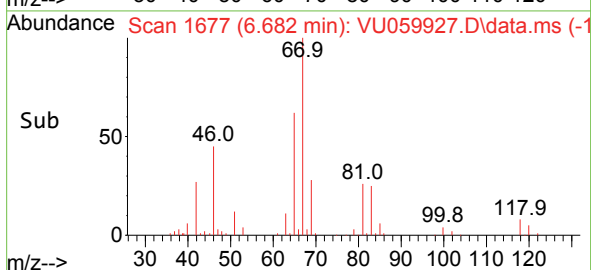
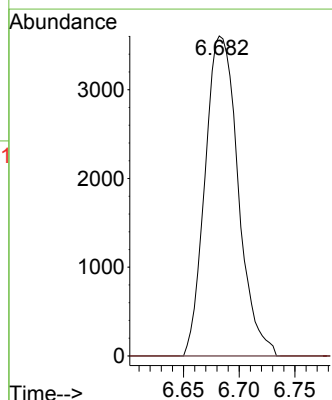
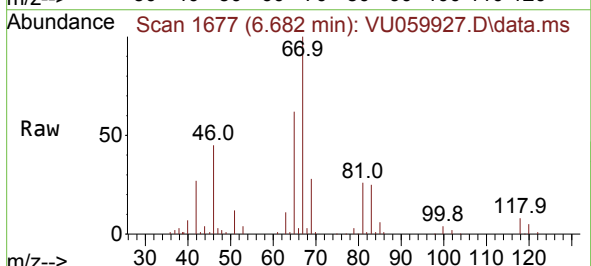
RT: 6.682 min Scan# 1677

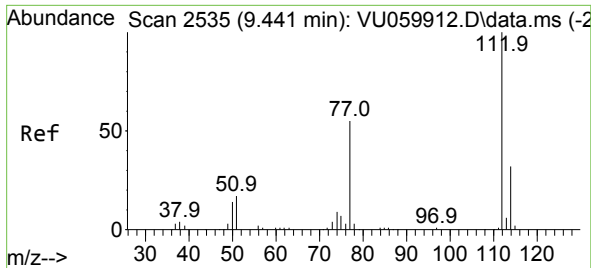
Delta R.T. -0.100 min

Lab File: VU059927.D

Acq: 12 Jul 2024 17:22

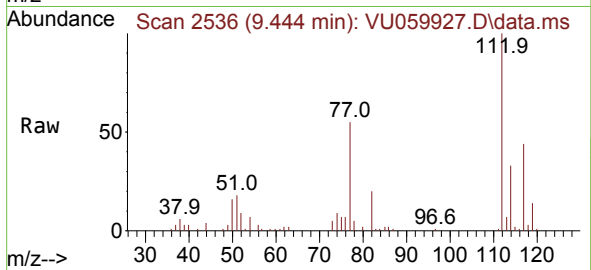
Tgt Ion: 63	Resp: 7451
Ion Ratio	Lower Upper
63 100	
112 0.0	2.6 3.8#



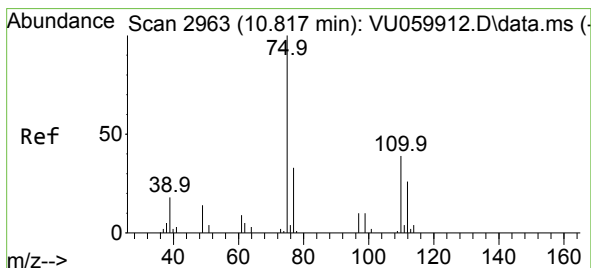
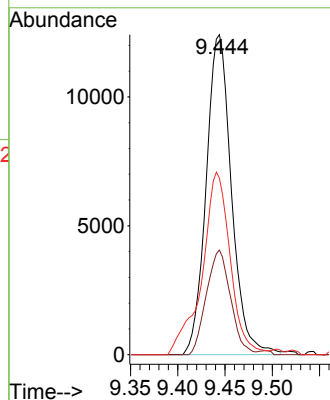
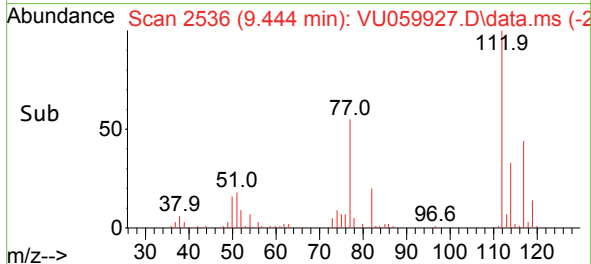


#51
Chlorobenzene
Concen: 0.572 ug/L
RT: 9.444 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU059927.D
Acq: 12 Jul 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :

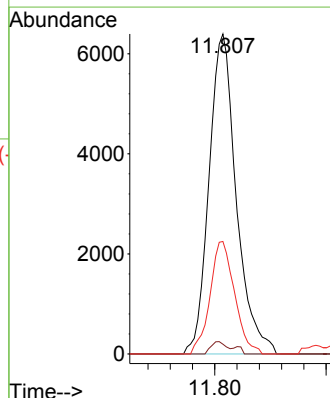
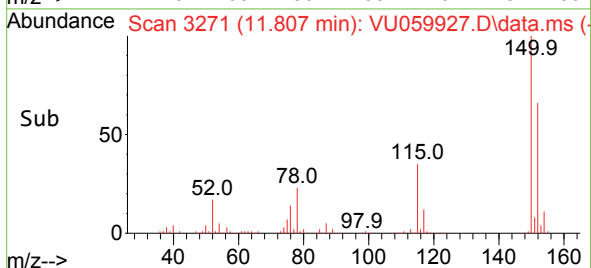
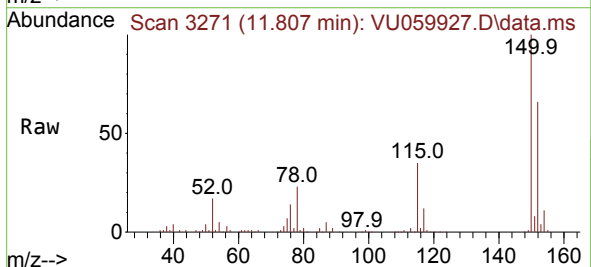


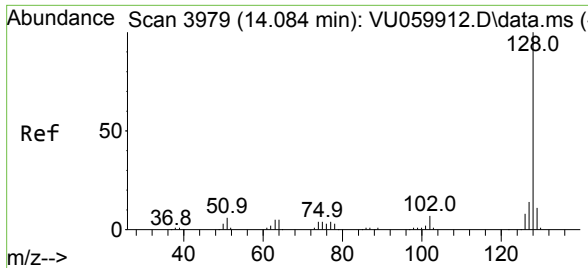
Tgt Ion:112 Resp: 23149
Ion Ratio Lower Upper
112 100
114 32.7 22.4 41.6
77 55.2 49.1 73.7



#61
1,2,3-Trichloropropane
Concen: 1.206 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059927.D
Acq: 12 Jul 2024 17:22

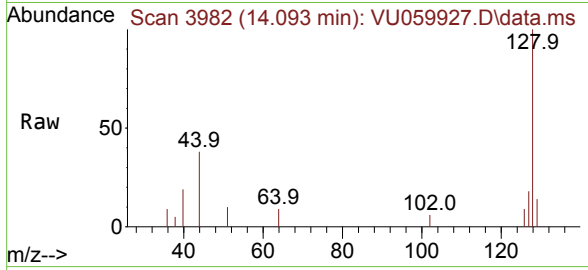
Tgt Ion: 75 Resp: 10871
Ion Ratio Lower Upper
75 100
110 2.1 27.1 40.7#
77 31.7 25.4 38.2





#71
Naphthalene
Concen: 0.195 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.010 min
Lab File: VU059927.D
Acq: 12 Jul 2024 17:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	4856
Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.2	12.4
127	15.5	10.2	15.4#

