

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
 Data File : VU059932.D
 Acq On : 12 Jul 2024 19:21
 Operator : MD/SY
 Sample : P3217-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 13 04:00:49 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)

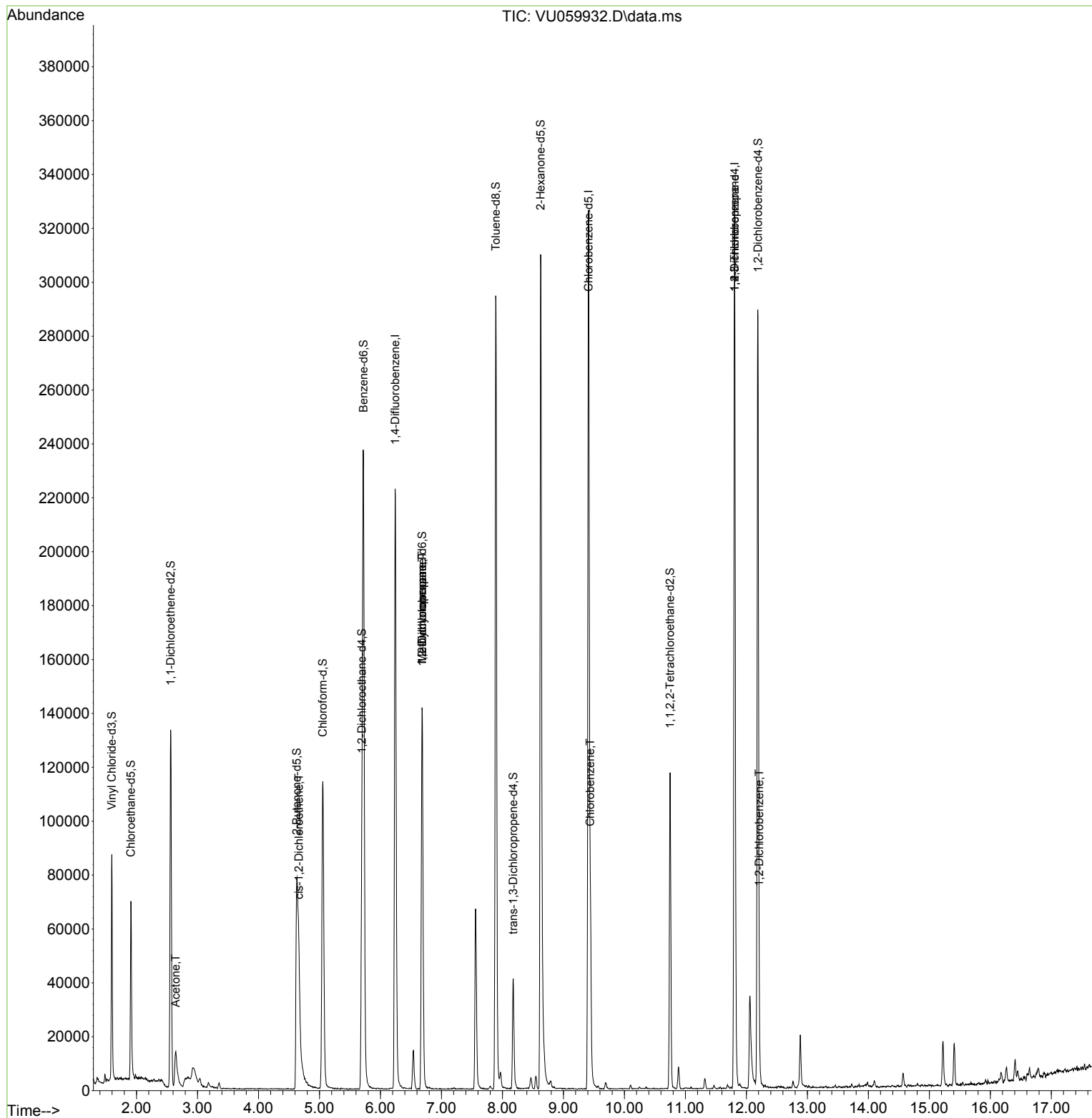
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194132	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	194932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	95729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58909	4.364	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.907	69	51188	3.941	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.560	65	24985	4.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.628	46	147219	52.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.900%
24) Chloroform-d	5.055	84	112500	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	5.695	65	57296	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.721	84	233883	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	71352	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	209908	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	25406	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.627	63	118063	55.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59804	4.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	84055	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
13) Acetone	2.644	43	27319	15.146	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	14031	0.889	ug/L	95
35) Methylcyclohexane	6.682	83	16772	0.735	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	7332	0.479	ug/L #	90
51) Chlorobenzene	9.441	112	37638	0.947	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	10238	1.157	ug/L #	70
67) 1,2-Dichlorobenzene	12.209	146	3594	0.127	ug/L #	80

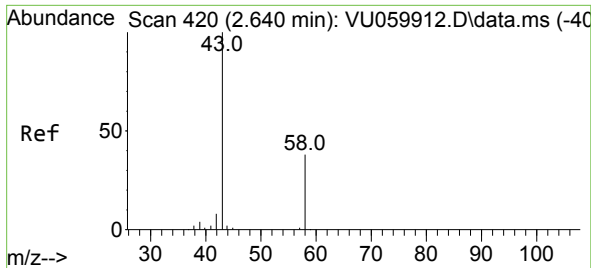
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration





#13

Acetone

Concen: 15.146 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU059932.D

Acq: 12 Jul 2024 19:21

Instrument :

MSVOA_U

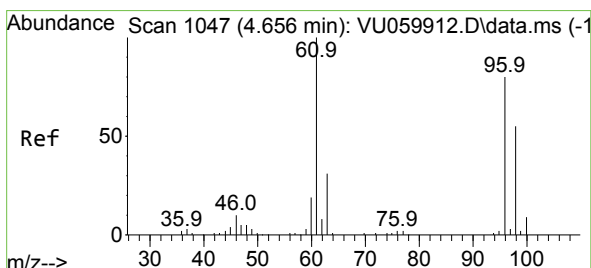
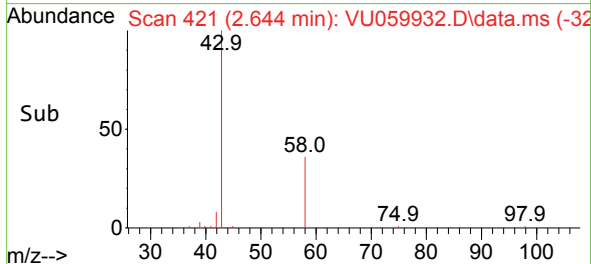
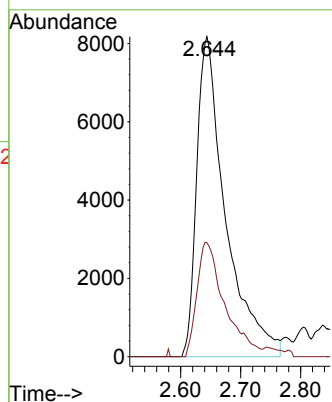
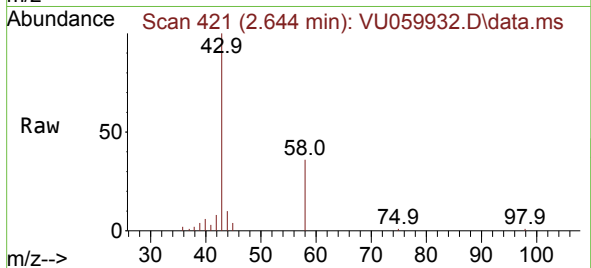
ClientSampleId :

Tgt Ion: 43 Resp: 27319

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.0



#22

cis-1,2-Dichloroethene

Concen: 0.889 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.007 min

Lab File: VU059932.D

Acq: 12 Jul 2024 19:21

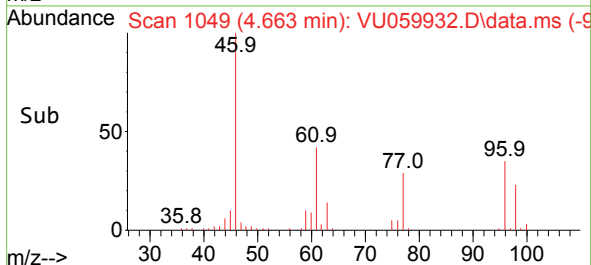
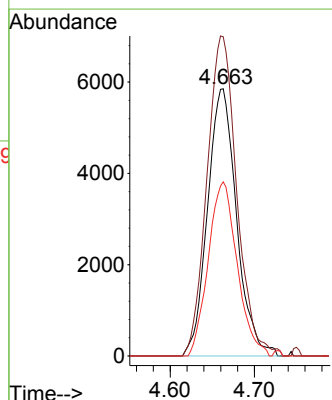
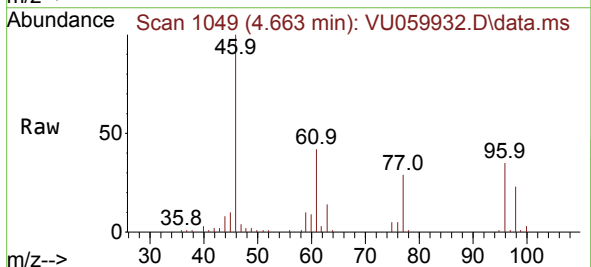
Tgt Ion: 96 Resp: 14031

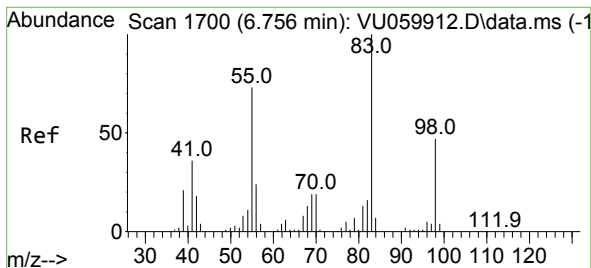
Ion Ratio Lower Upper

96 100

61 119.4 87.4 162.2

98 65.1 42.3 78.5





#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059932.D

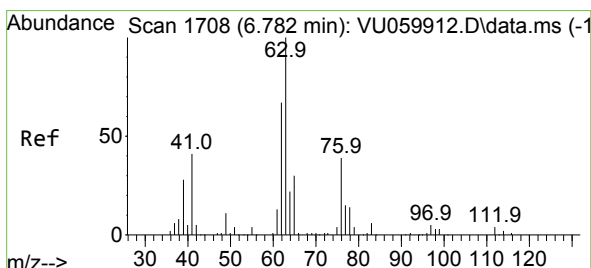
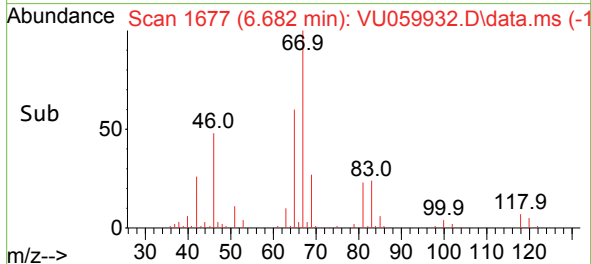
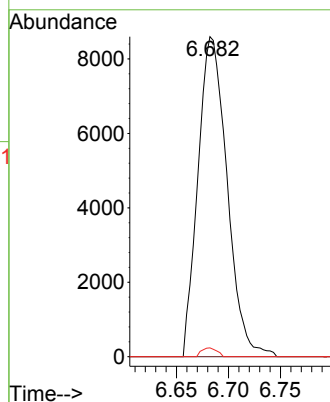
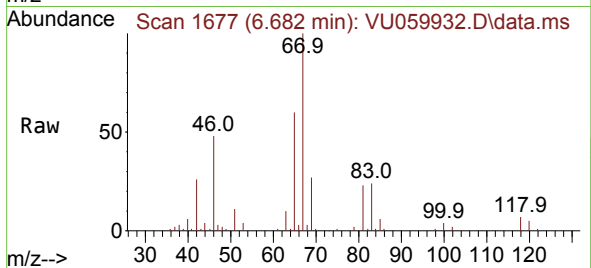
Acq: 12 Jul 2024 19:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16772
Ion Ratio	Lower Upper
83 100	
55 0.0	62.7 94.1#
98 1.4	35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.479 ug/L

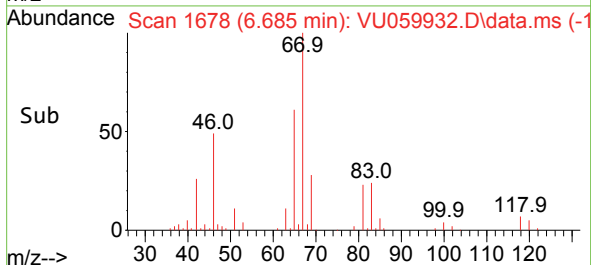
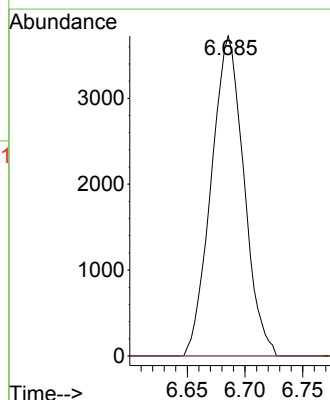
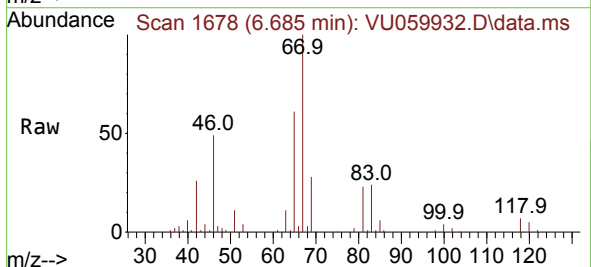
RT: 6.685 min Scan# 1678

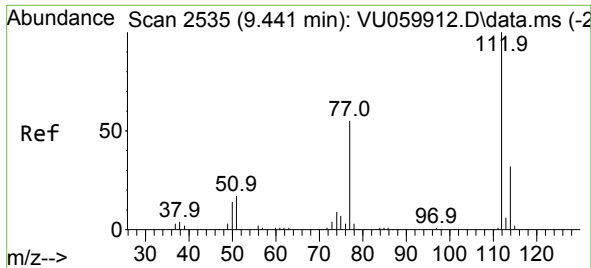
Delta R.T. -0.096 min

Lab File: VU059932.D

Acq: 12 Jul 2024 19:21

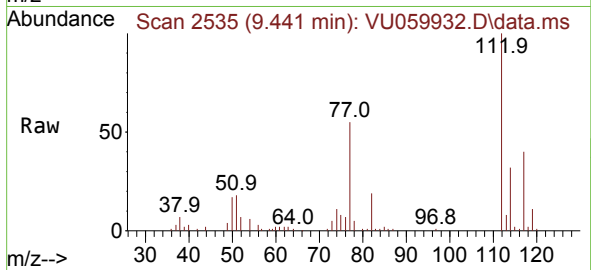
Tgt Ion: 63	Resp: 7332
Ion Ratio	Lower Upper
63 100	
112 0.0	2.6 3.8#



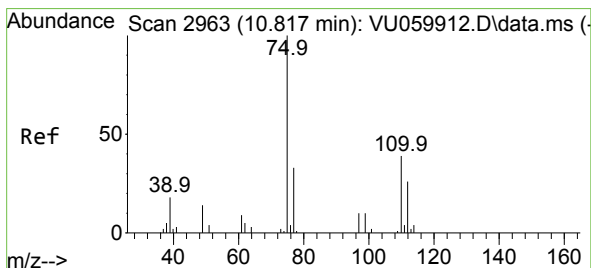
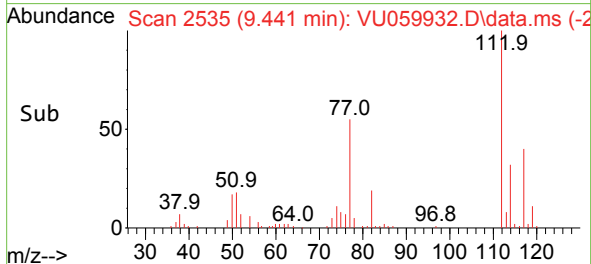
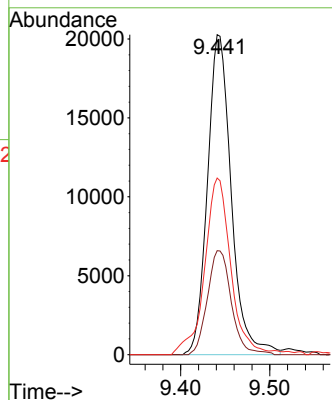


#51
Chlorobenzene
Concen: 0.947 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059932.D
Acq: 12 Jul 2024 19:21

Instrument :
MSVOA_U
ClientSampleId :

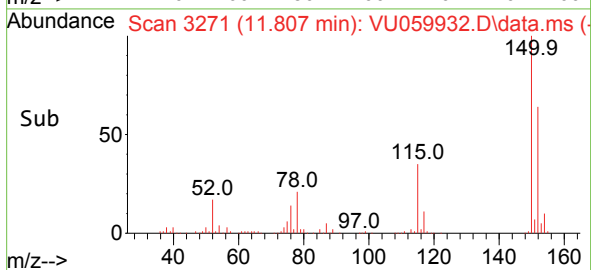
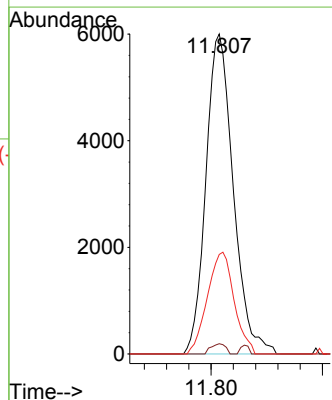
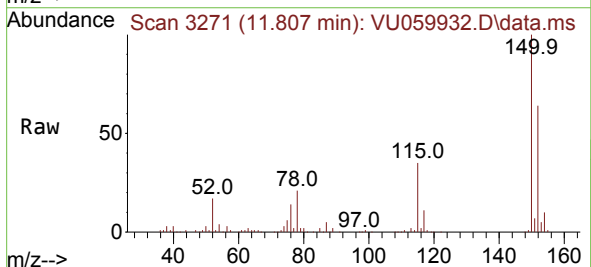


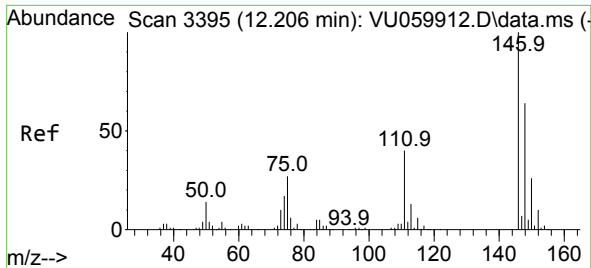
Tgt Ion:112 Resp: 37638
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 55.2 49.1 73.7



#61
1,2,3-Trichloropropane
Concen: 1.157 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU059932.D
Acq: 12 Jul 2024 19:21

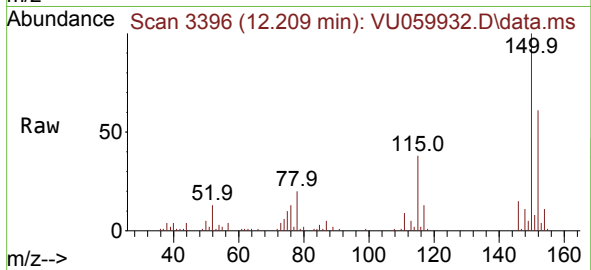
Tgt Ion: 75 Resp: 10238
Ion Ratio Lower Upper
75 100
110 1.7 27.1 40.7#
77 31.1 25.4 38.2





#67
 1,2-Dichlorobenzene
 Concen: 0.127 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU059932.D
 Acq: 12 Jul 2024 19:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:146 Resp: 3594
 Ion Ratio Lower Upper
 146 100
 111 58.4 33.4 50.0#
 148 73.6 49.7 74.5

