

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054601.D
 Acq On : 19 Jun 2023 17:08
 Operator : MD/SY
 Sample : 03232-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:53:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

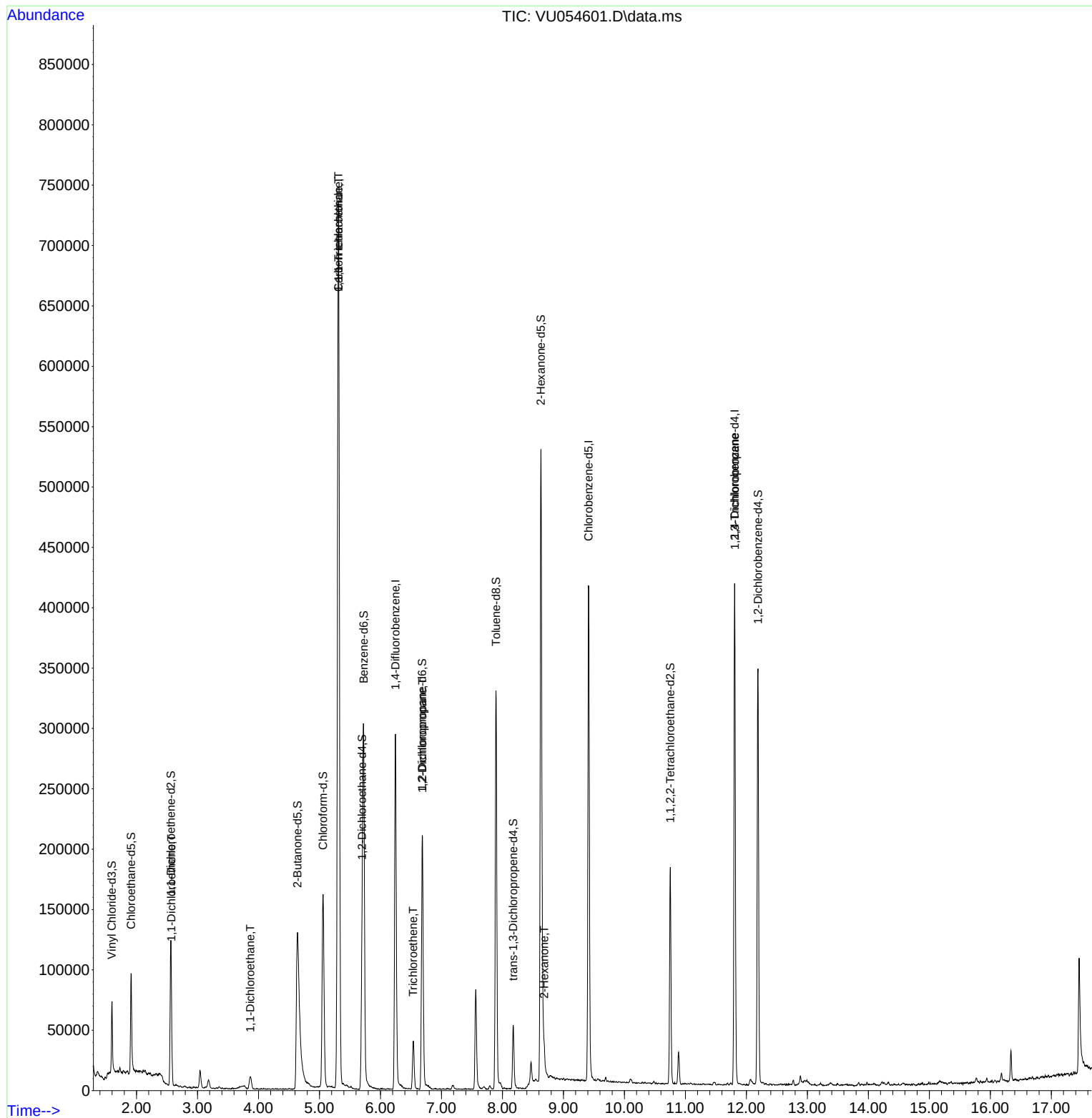
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238397	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44333	2.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.911	69	65894	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.563	65	21854	3.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.640	46	275976	64.697	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.400%
24) Chloroform-d	5.058	84	154708	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.698	65	83698	5.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.724	84	284820	4.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.685	67	105988	4.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	222692	3.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	33094	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	188531	59.448	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.900%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90347	5.574	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	93874	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	4266	0.247	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	12932	0.350	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	546137	17.200	ug/L	99
31) Carbon tetrachloride	5.312	117	69796	2.551	ug/L	96
34) Trichloroethene	6.537	95	13821	0.621	ug/L	93
37) 1,2-Dichloropropane	6.689	63	11474	0.504	ug/L #	90
48) 2-Hexanone	8.685	43	9429	1.042	ug/L #	90
61) 1,2,3-Trichloropropane	11.811	75	13775	1.187	ug/L #	67

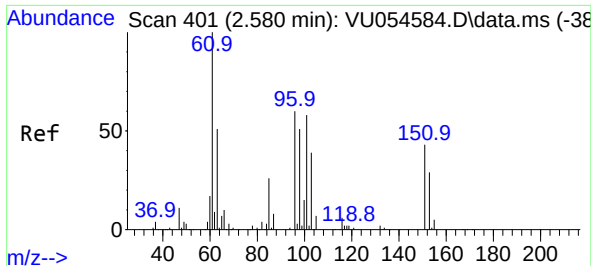
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 17 06:10:25 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.247 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU054601.D

Acq: 19 Jun 2023 17:08

Instrument :

MSVOA_U

ClientSampleId :

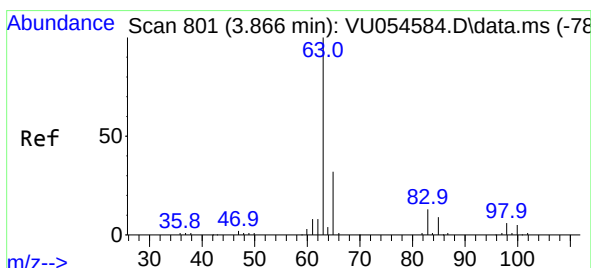
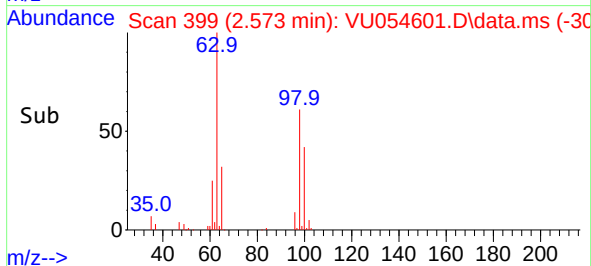
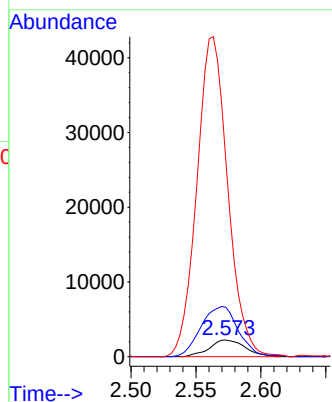
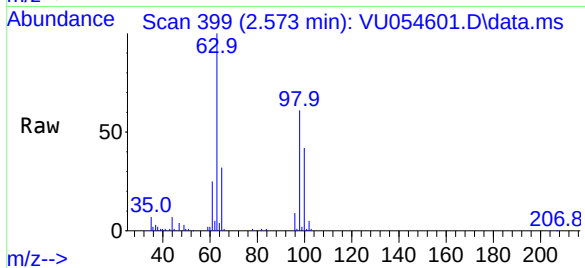
Tgt Ion: 96 Resp: 4266

Ion Ratio Lower Upper

96 100

61 295.2 119.9 222.7#

63 1175.7 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 0.350 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.000 min

Lab File: VU054601.D

Acq: 19 Jun 2023 17:08

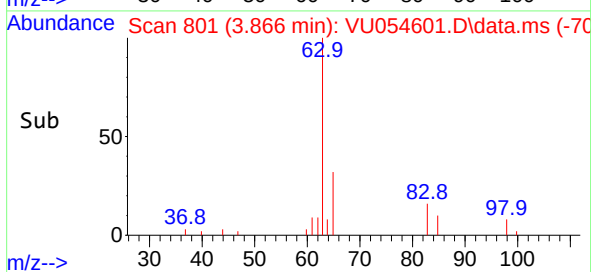
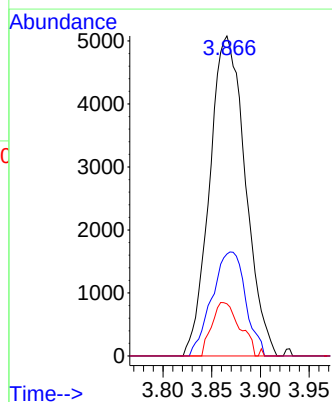
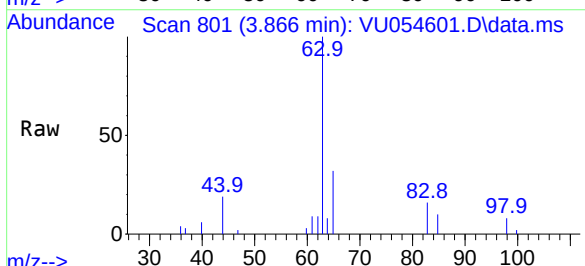
Tgt Ion: 63 Resp: 12932

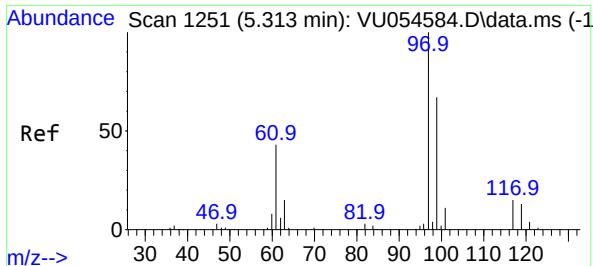
Ion Ratio Lower Upper

63 100

65 29.6 22.2 41.2

83 15.2 9.0 16.6

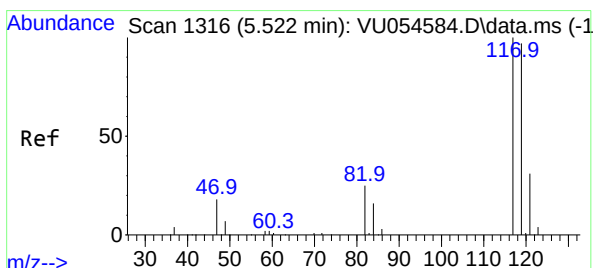
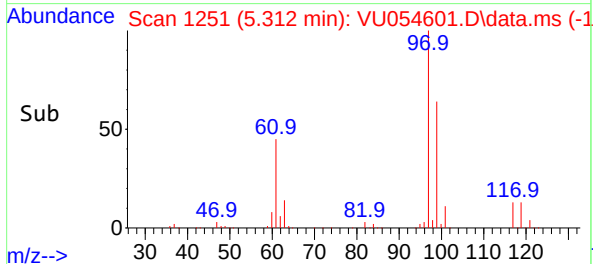
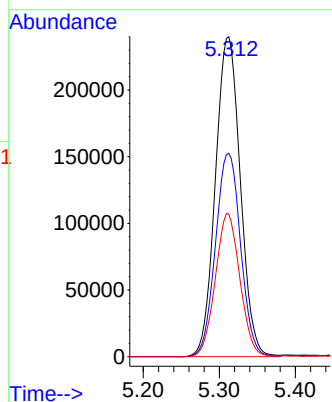
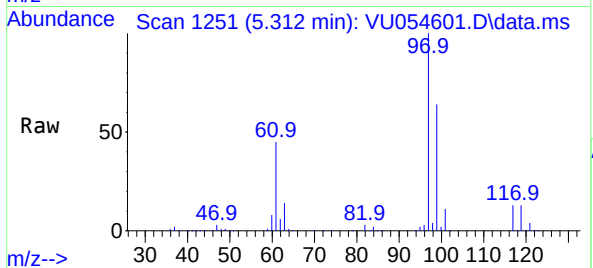




#29
1,1,1-Trichloroethane
Concen: 17.200 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054601.D
Acq: 19 Jun 2023 17:08

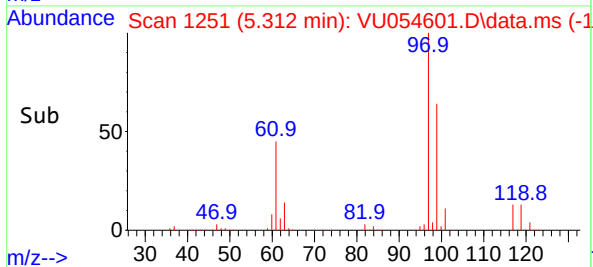
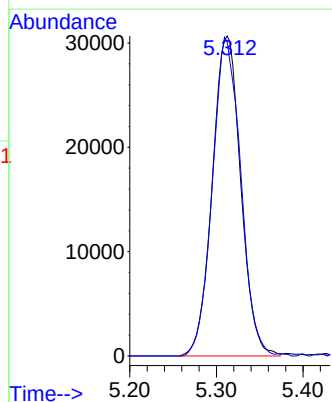
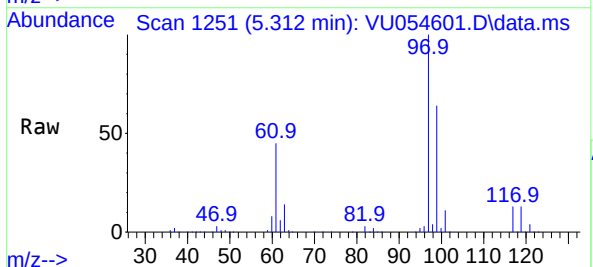
Instrument :
MSVOA_U
ClientSampleId :

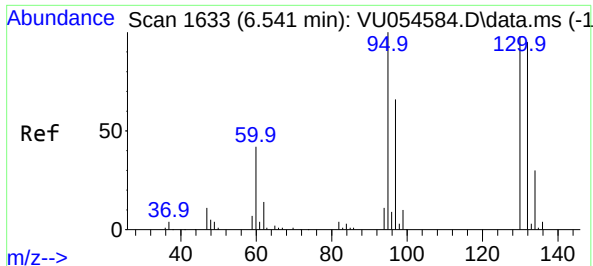
Tgt Ion: 97 Resp: 546137
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 44.0 36.1 54.1



#31
Carbon tetrachloride
Concen: 2.551 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.209 min
Lab File: VU054601.D
Acq: 19 Jun 2023 17:08

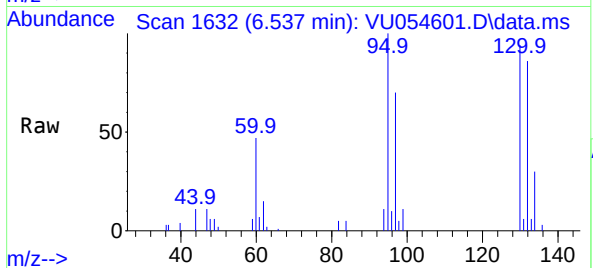
Tgt Ion: 117 Resp: 69796
Ion Ratio Lower Upper
117 100
119 99.5 76.8 115.2



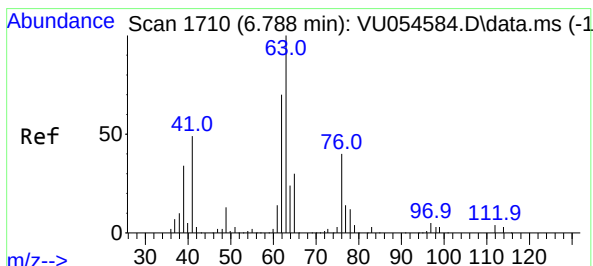
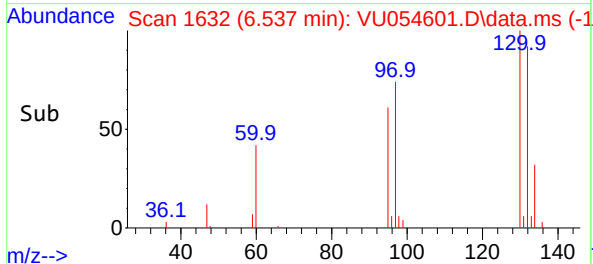
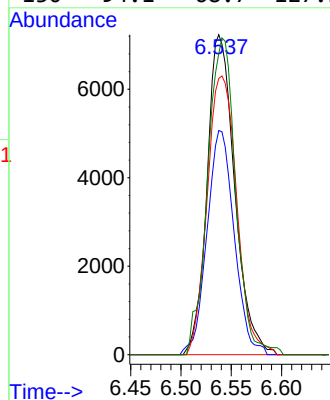


#34
Trichloroethene
Concen: 0.621 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU054601.D
Acq: 19 Jun 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

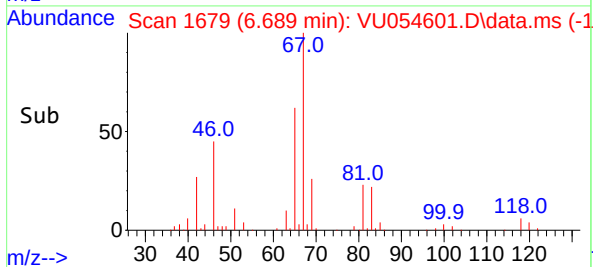
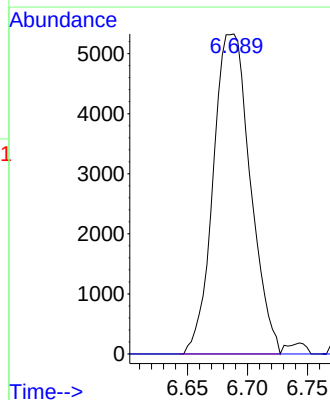
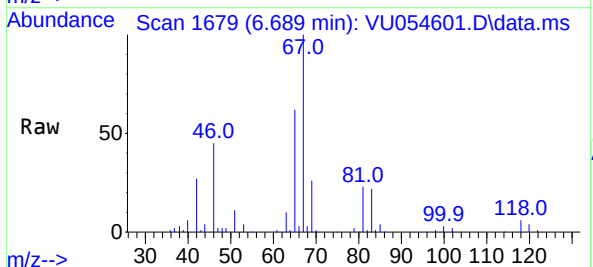


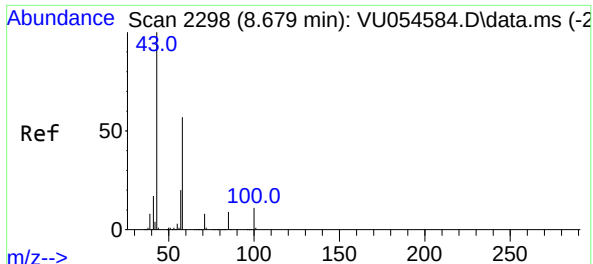
Tgt Ion: 95 Resp: 13821
Ion Ratio Lower Upper
95 100
97 70.1 46.8 87.0
132 86.3 68.4 127.0
130 94.1 68.7 127.5



#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU054601.D
Acq: 19 Jun 2023 17:08

Tgt Ion: 63 Resp: 11474
Ion Ratio Lower Upper
63 100
112 0.5 3.0 4.6#

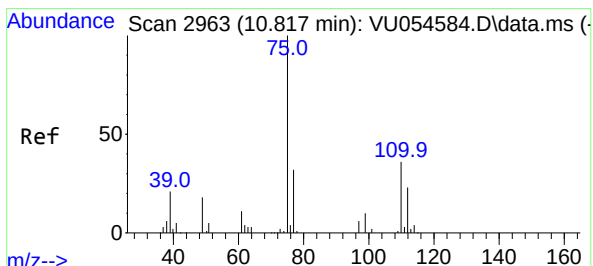
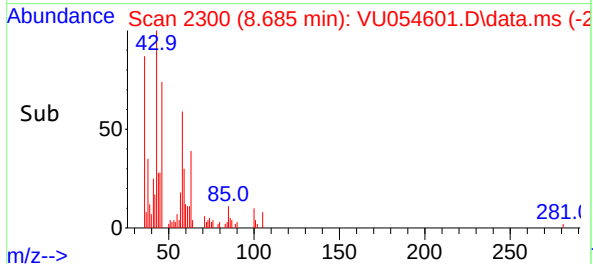
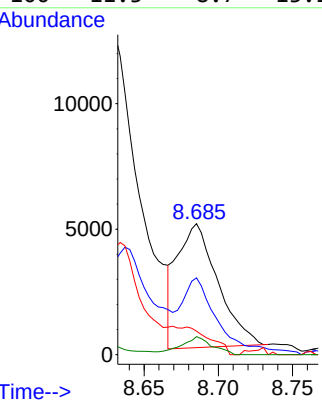
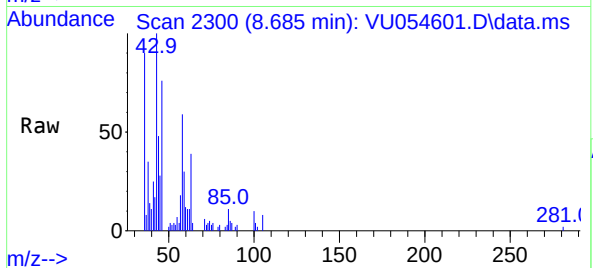




#48
2-Hexanone
Concen: 1.042 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU054601.D
Acq: 19 Jun 2023 17:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 9429
Ion Ratio	Lower Upper
43	100
58	55.9 45.2 67.8
57	0.0 15.8 23.6#
100	11.3 8.7 13.1



#61
1,2,3-Trichloropropane
Concen: 1.187 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.994 min
Lab File: VU054601.D
Acq: 19 Jun 2023 17:08

Tgt Ion: 75	Resp: 13775
Ion Ratio	Lower Upper
75	100
110	2.0 28.0 42.0#
77	35.9 25.4 38.2

