

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060823\
 Data File : VU054441.D
 Acq On : 08 Jun 2023 17:14
 Operator : MD/SY
 Sample : 03105-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COFE0

Quant Time: Jun 09 05:23:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:20:50 2023
 Response via : Initial Calibration

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

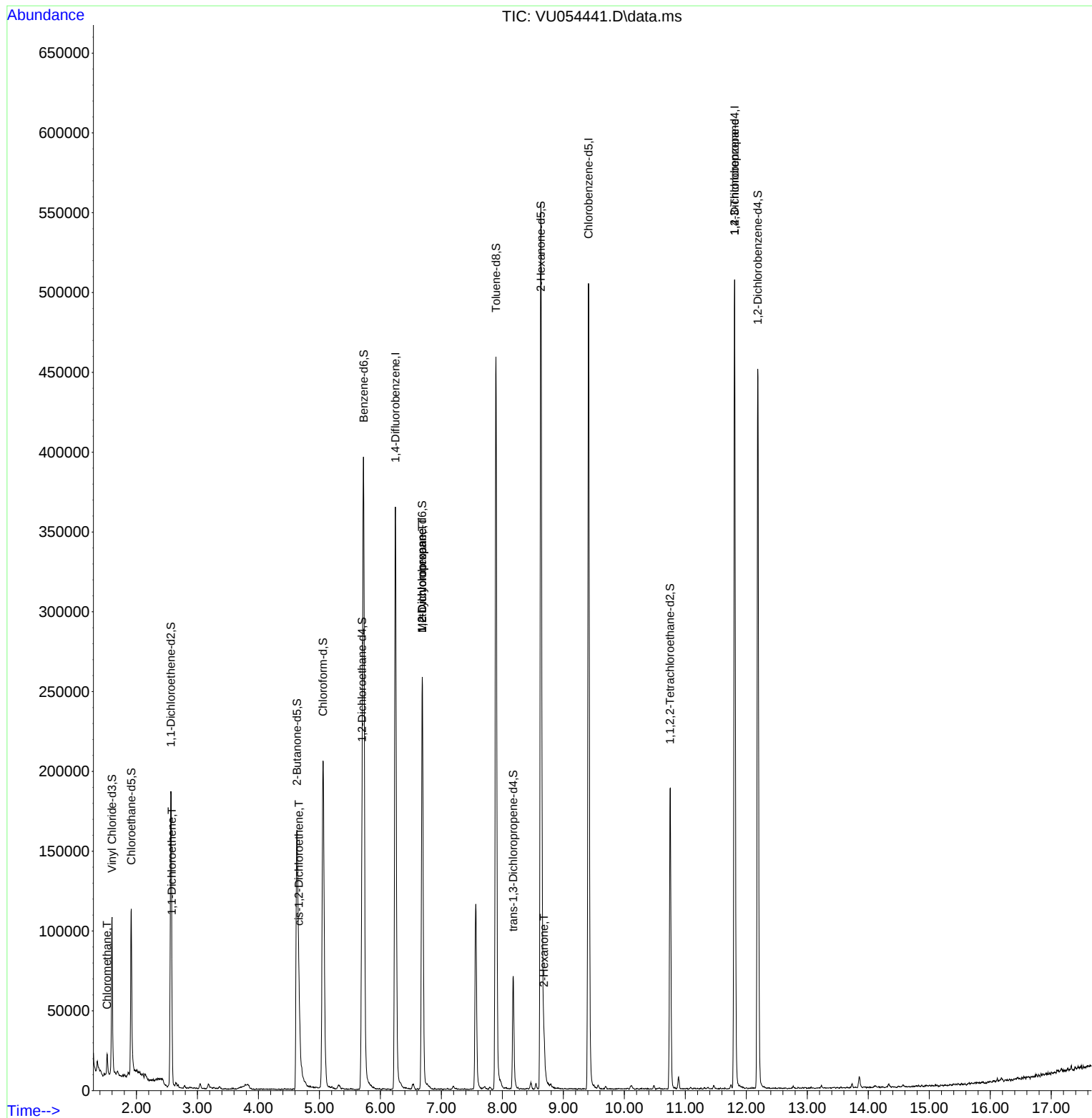
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	284562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	135428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	74679	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.914	69	79390	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.564	65	36391	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.631	46	288693	53.772	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.540%
24) Chloroform-d	5.059	84	190823	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.699	65	97213	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	371296	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.686	67	131332	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.895	98	315725	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.178	79	43619	4.748	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.631	63	190811	49.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	97720	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	117504	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.519	50	9546	0.296	ug/L	86
12) 1,1-Dichloroethene	2.580	96	3538	0.163	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	8371	0.327	ug/L	84
35) Methylcyclohexane	6.686	83	28439	0.696	ug/L #	16
37) 1,2-Dichloropropane	6.686	63	13283	0.480	ug/L #	89
48) 2-Hexanone	8.682	43	12218	1.111	ug/L #	98
61) 1,2,3-Trichloropropane	11.808	75	17896	1.308	ug/L #	69

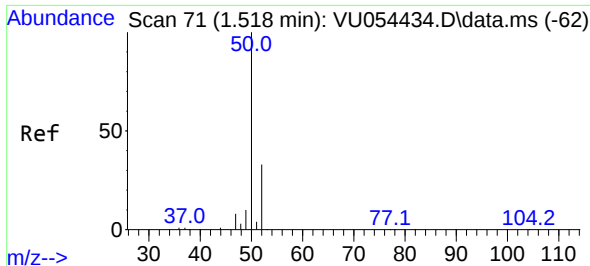
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060823\
Data File : VU054441.D
Acq On : 08 Jun 2023 17:14
Operator : MD/SY
Sample : 03105-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0FE0

Quant Time: Jun 09 05:23:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 08 01:20:50 2023
Response via : Initial Calibration

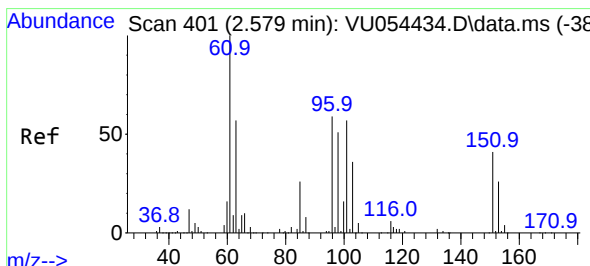
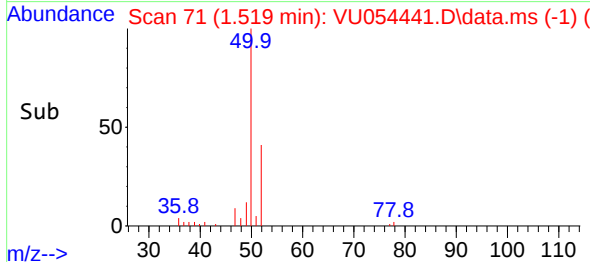
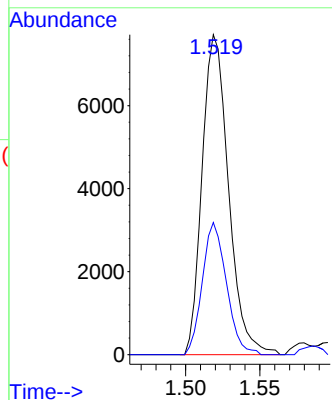
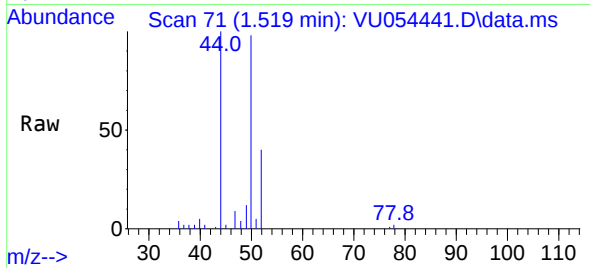




#3
Chloromethane
Concen: 0.296 ug/L
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054441.D
Acq: 08 Jun 2023 17:14

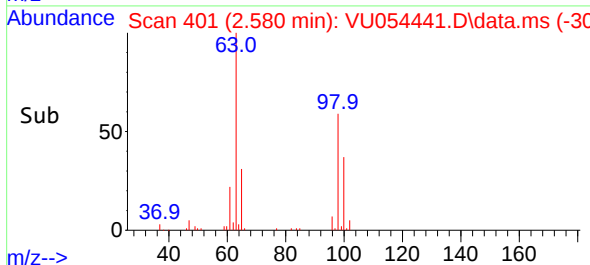
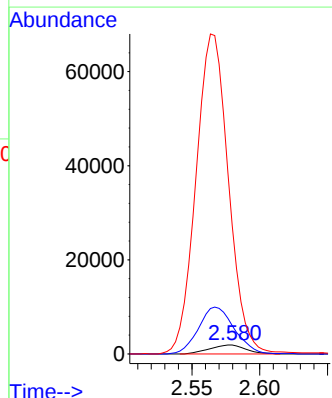
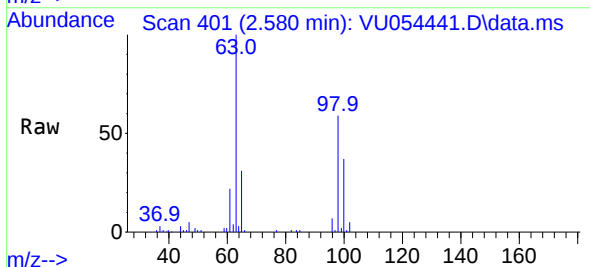
Instrument :
MSVOA_U
ClientSampleId :
COFE0

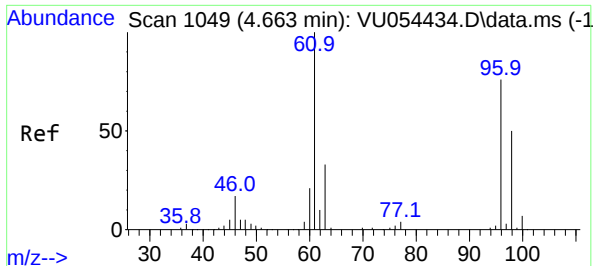
Tgt Ion: 50 Resp: 9546
Ion Ratio Lower Upper
50 100
52 41.3 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.163 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054441.D
Acq: 08 Jun 2023 17:14

Tgt Ion: 96 Resp: 3538
Ion Ratio Lower Upper
96 100
61 314.9 119.9 222.7#
63 1426.0 64.3 119.3#

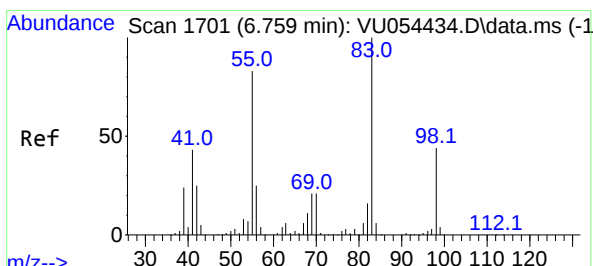
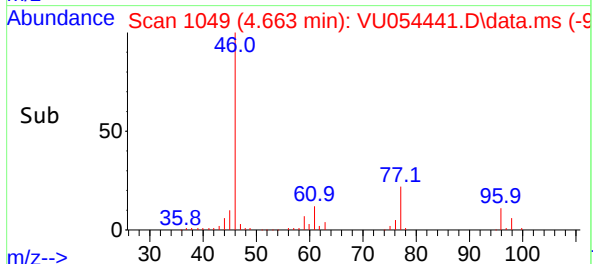
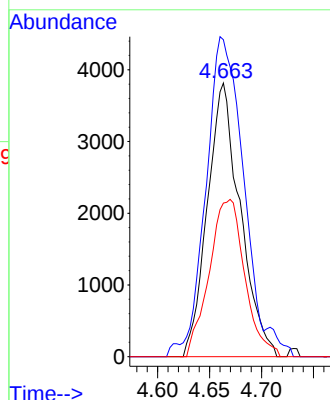
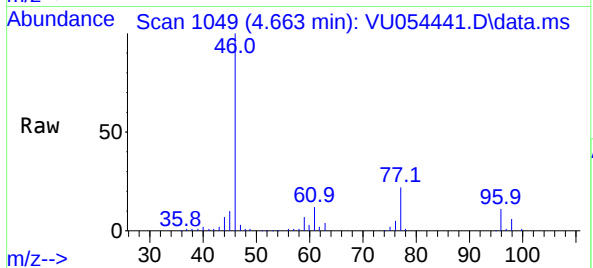




#22
 cis-1,2-Dichloroethene
 Concen: 0.327 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU054441.D
 Acq: 08 Jun 2023 17:14

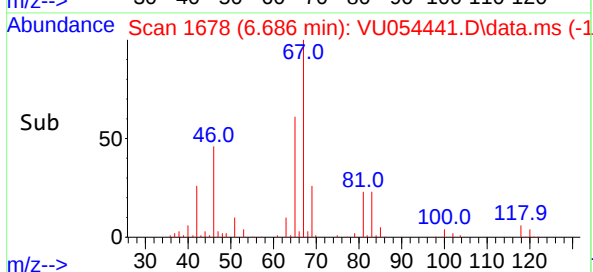
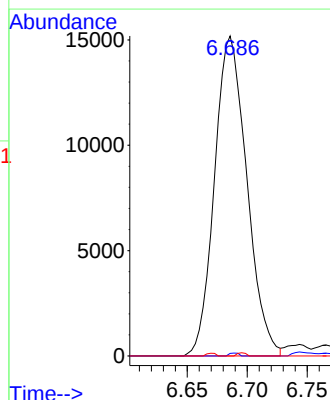
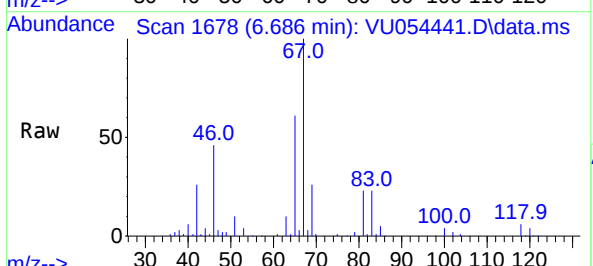
Instrument :
 MSVOA_U
 ClientSampleId :
 COFE0

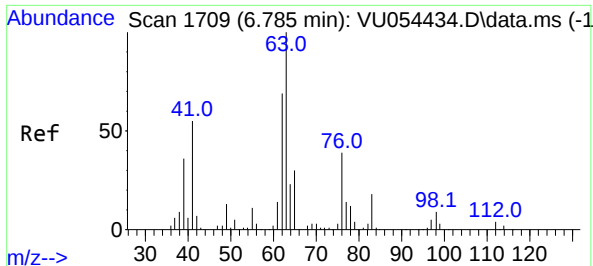
Tgt Ion:	96	Resp:	8371
Ion	Ratio	Lower	Upper
96	100		
61	115.8	96.5	179.1
98	56.1	44.9	83.3



#35
 Methylcyclohexane
 Concen: 0.696 ug/L
 RT: 6.686 min Scan# 1678
 Delta R.T. -0.074 min
 Lab File: VU054441.D
 Acq: 08 Jun 2023 17:14

Tgt Ion:	83	Resp:	28439
Ion	Ratio	Lower	Upper
83	100		
55	0.3	67.1	100.7#
98	0.3	35.1	52.7#

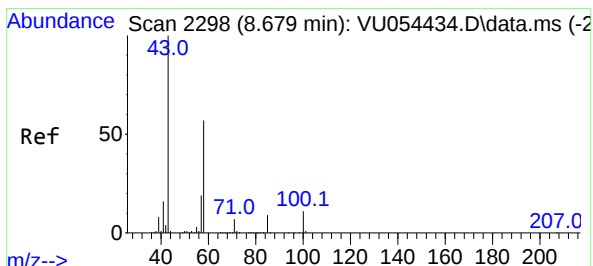
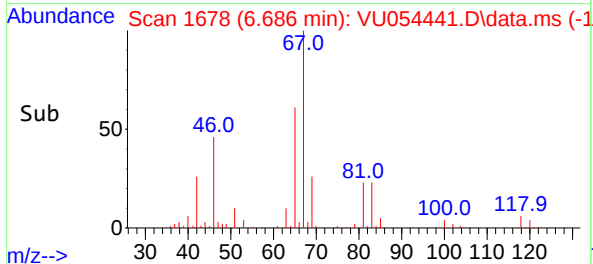
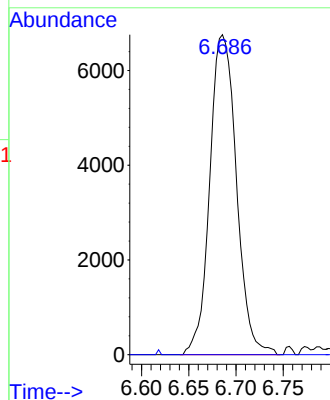
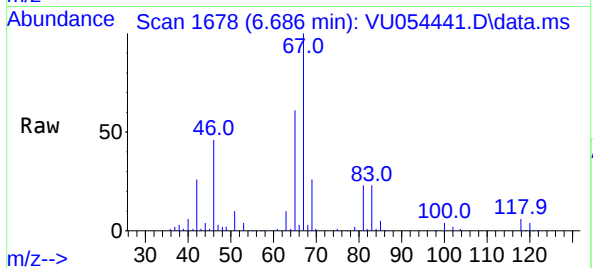




#37
1,2-Dichloropropane
Concen: 0.480 ug/L
RT: 6.686 min Scan# 11
Delta R.T. -0.099 min
Lab File: VU054441.D
Acq: 08 Jun 2023 17:14

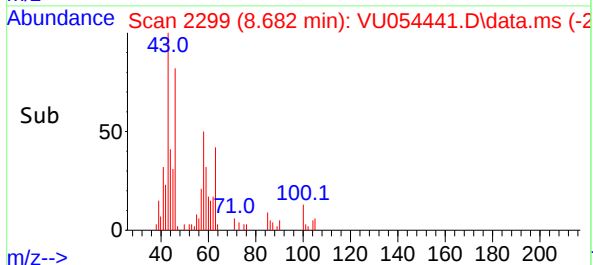
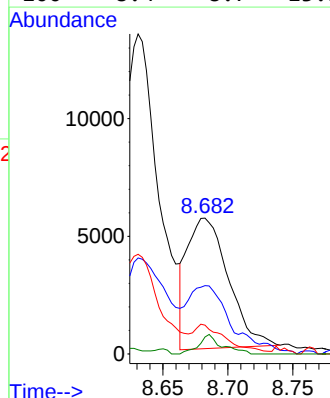
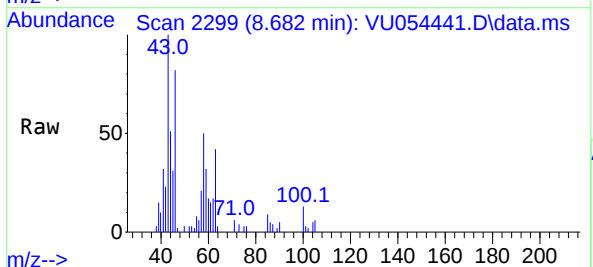
Instrument :
MSVOA_U
ClientSampleId :
COFE0

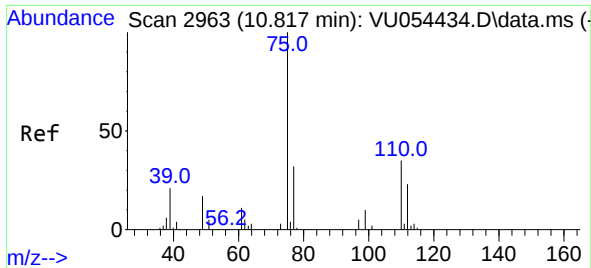
Tgt Ion: 63 Resp: 13283
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#



#48
2-Hexanone
Concen: 1.111 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.004 min
Lab File: VU054441.D
Acq: 08 Jun 2023 17:14

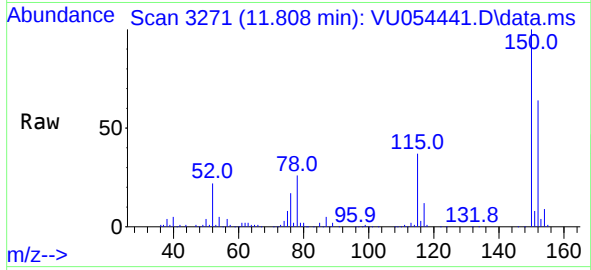
Tgt Ion: 43 Resp: 12218
Ion Ratio Lower Upper
43 100
58 56.4 45.2 67.8
57 18.3 15.8 23.6
100 8.4 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.308 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU054441.D
 Acq: 08 Jun 2023 17:14

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FE0



Tgt Ion: 75 Resp: 17896
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.0 42.0#
 77 30.4 25.4 38.2

