

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054416.D
 Acq On : 07 Jun 2023 17:19
 Operator : MD/SY
 Sample : 03075-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0F90

Quant Time: Jun 08 01:22:19 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)

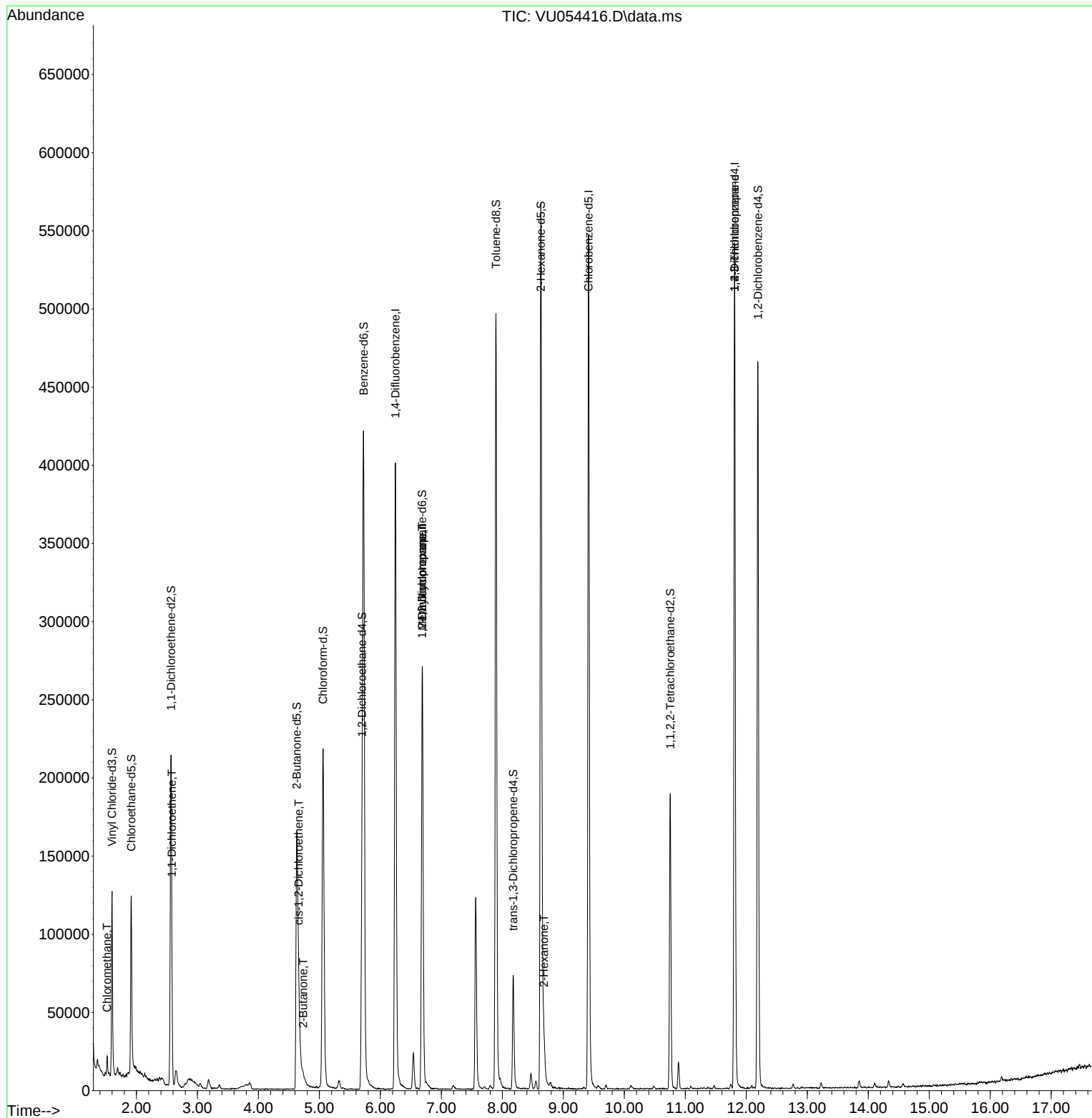
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	326301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	308661	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	148008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	88766	4.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.914	69	86540	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.567	65	40891	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.628	46	290047	49.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.360%
24) Chloroform-d	5.059	84	199829	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	101755	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.724	84	396250	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.685	67	136779	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.894	98	337613	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	44102	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.631	63	194360	46.492	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99405	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	123024	4.928	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	7499	0.214	ug/L	93
12) 1,1-Dichloroethene	2.580	96	7908	0.334	ug/L #	1
21) 2-Butanone	4.734	43	14385	2.013	ug/L	87
22) cis-1,2-Dichloroethene	4.660	96	5260	0.189	ug/L	88
35) Methylcyclohexane	6.689	83	29151	0.657	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	14054	0.469	ug/L #	90
48) 2-Hexanone	8.682	43	12414	1.041	ug/L #	93
61) 1,2,3-Trichloropropane	11.807	75	18152	1.214	ug/L #	70

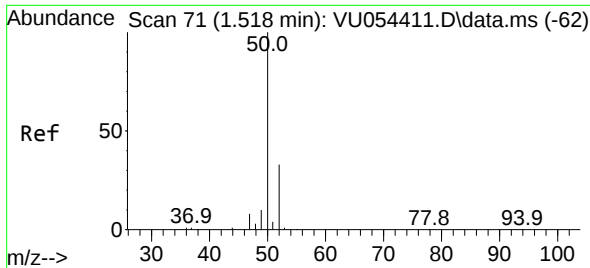
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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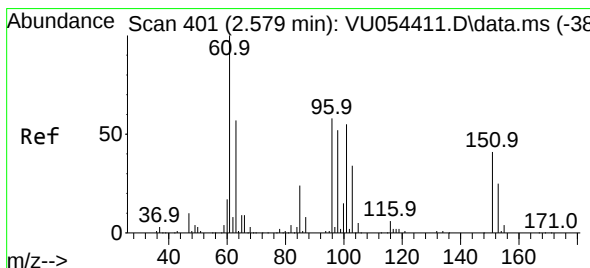
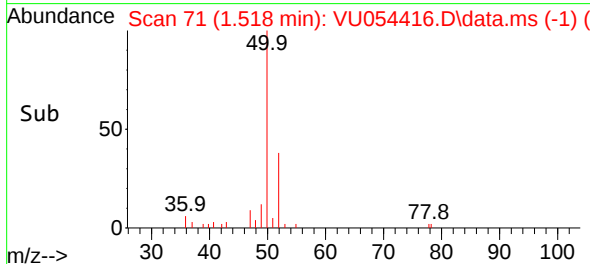
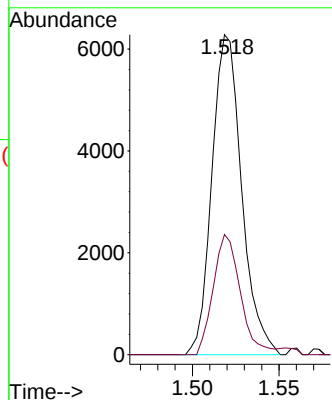
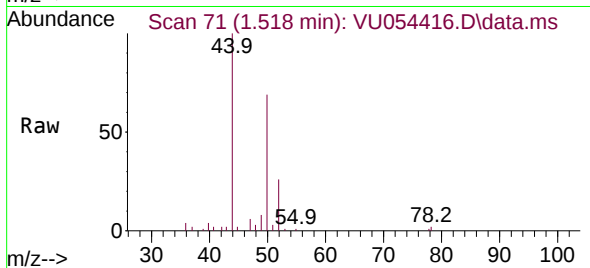




#3
Chloromethane
Concen: 0.214 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054416.D
Acq: 07 Jun 2023 17:19

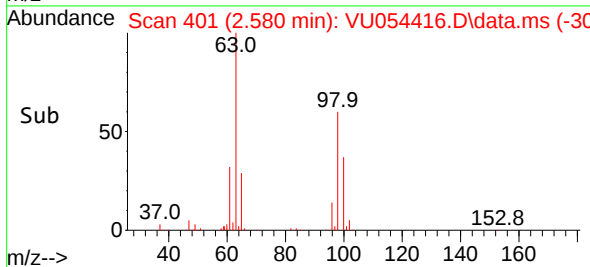
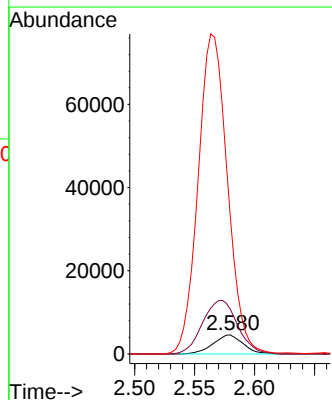
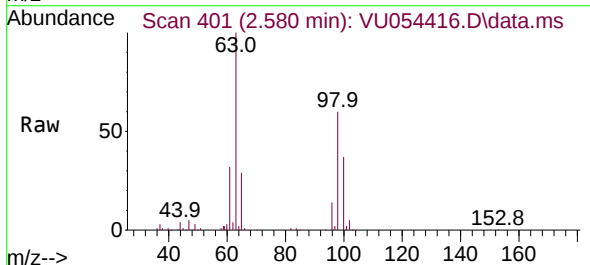
Instrument :
MSVOA_U
ClientSampleId :
C0F90

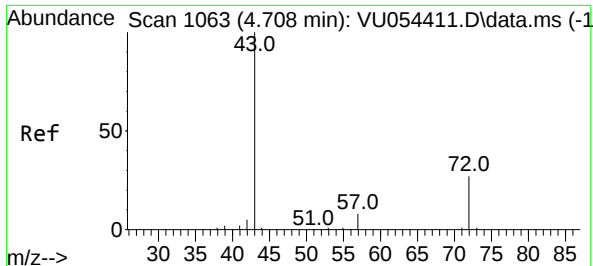
Tgt Ion: 50 Resp: 7499
Ion Ratio Lower Upper
50 100
52 37.5 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.334 ug/L
RT: 2.580 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU054416.D
Acq: 07 Jun 2023 17:19

Tgt Ion: 96 Resp: 7908
Ion Ratio Lower Upper
96 100
61 236.8 119.9 222.7#
63 732.7 64.3 119.3#





#21

2-Butanone

Concen: 2.013 ug/L

RT: 4.734 min Scan# 1071

Delta R.T. 0.026 min

Lab File: VU054416.D

Acq: 07 Jun 2023 17:19

Instrument :

MSVOA_U

ClientSampleId :

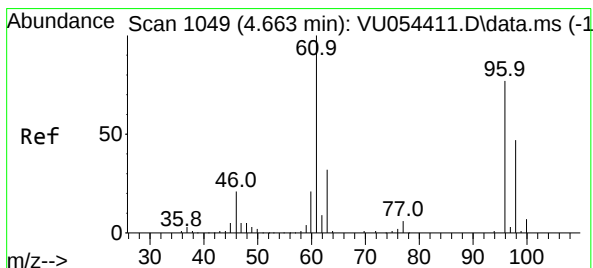
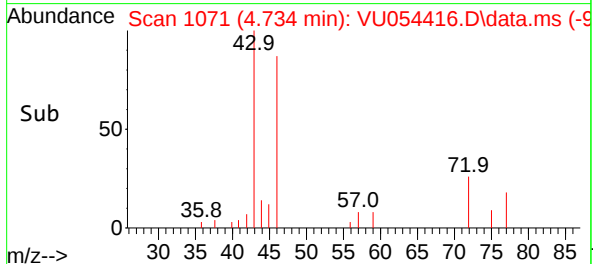
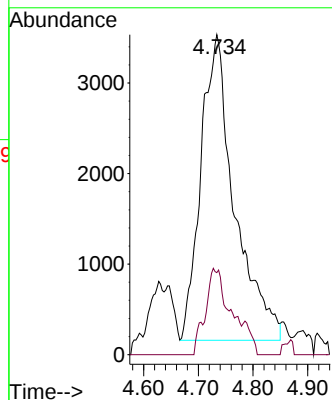
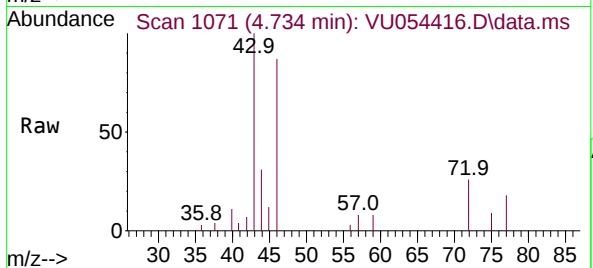
C0F90

Tgt Ion: 43 Resp: 14385

Ion Ratio Lower Upper

43 100

72 19.8 13.4 40.1



#22

cis-1,2-Dichloroethene

Concen: 0.189 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU054416.D

Acq: 07 Jun 2023 17:19

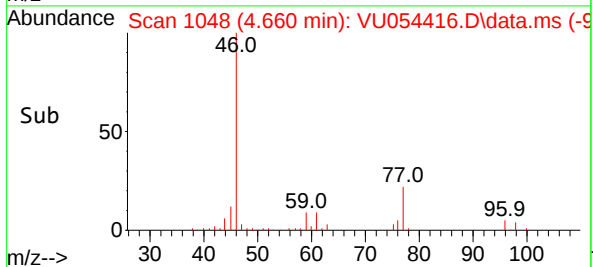
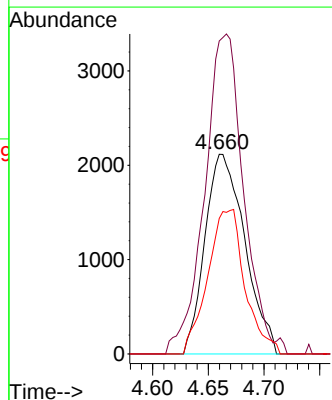
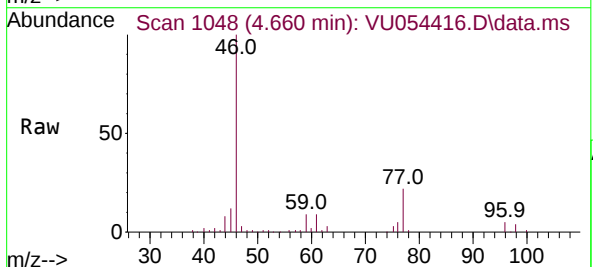
Tgt Ion: 96 Resp: 5260

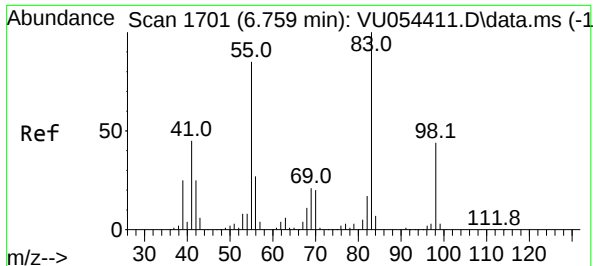
Ion Ratio Lower Upper

96 100

61 156.8 96.5 179.1

98 67.9 44.9 83.3





#35

Methylcyclohexane

Concen: 0.657 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054416.D

Acq: 07 Jun 2023 17:19

Instrument :

MSVOA_U

ClientSampleId :

C0F90

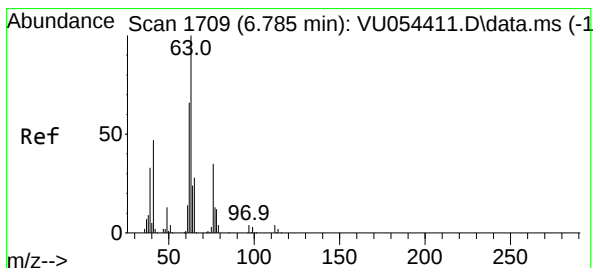
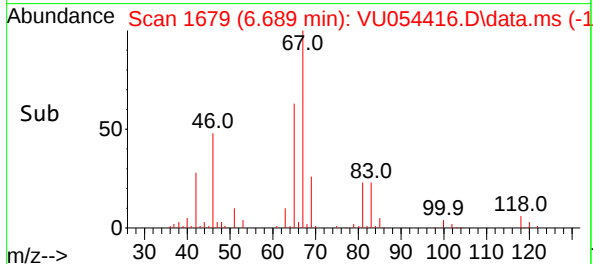
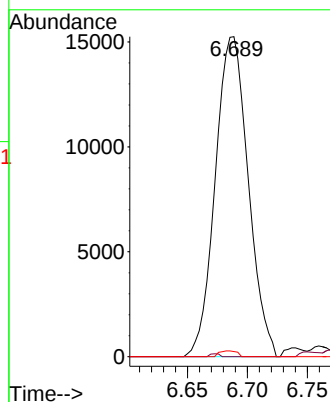
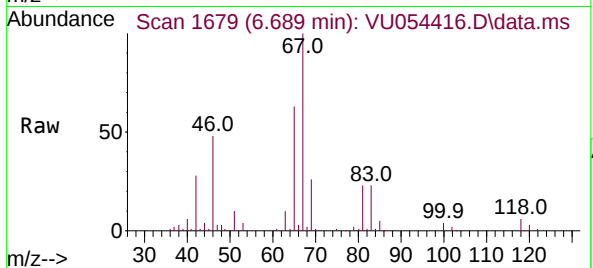
Tgt Ion: 83 Resp: 29151

Ion Ratio Lower Upper

83 100

55 0.3 67.1 100.7#

98 1.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.469 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU054416.D

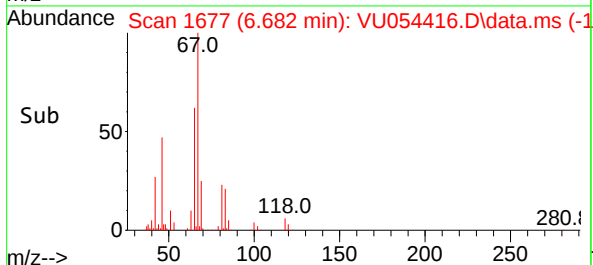
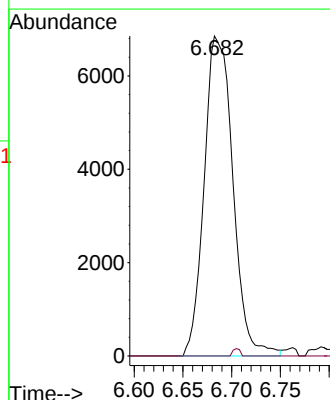
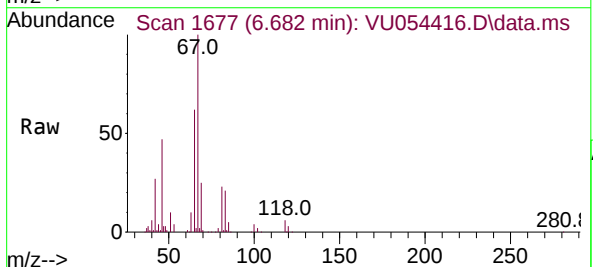
Acq: 07 Jun 2023 17:19

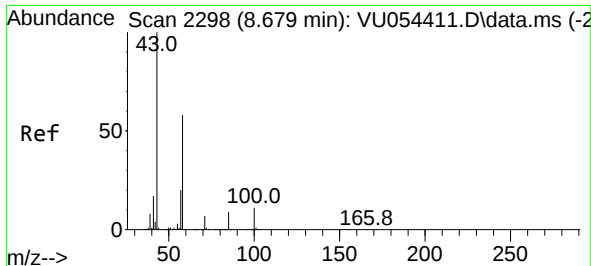
Tgt Ion: 63 Resp: 14054

Ion Ratio Lower Upper

63 100

112 0.6 3.0 4.6#

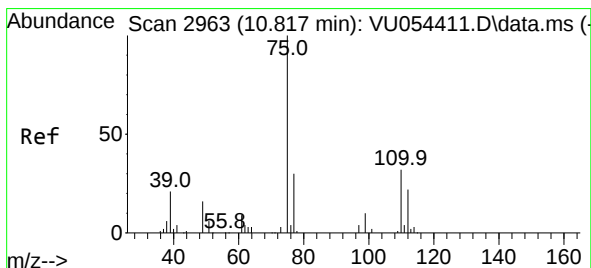
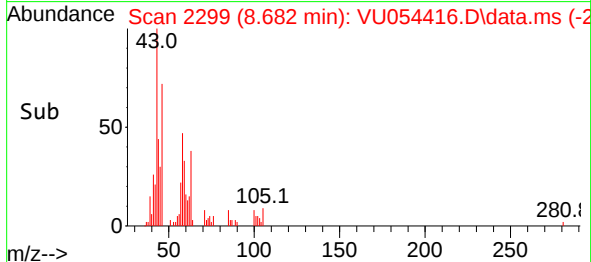
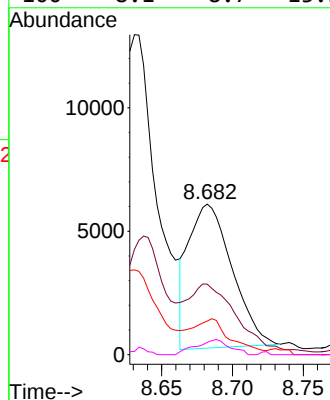
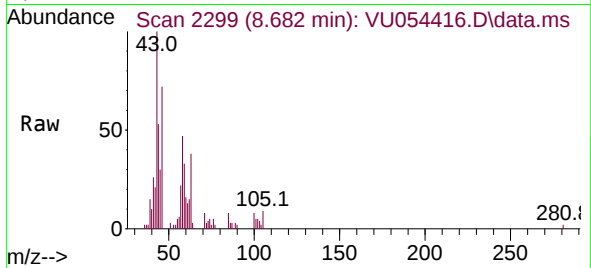




#48
2-Hexanone
Concen: 1.041 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054416.D
Acq: 07 Jun 2023 17:19

Instrument :
MSVOA_U
ClientSampleId :
C0F90

Tgt Ion: 43	Resp:	12414
Ion	Ratio	Lower Upper
43	100	
58	50.8	45.2 67.8
57	21.7	15.8 23.6
100	8.1	8.7 13.1



#61
1,2,3-Trichloropropane
Concen: 1.214 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054416.D
Acq: 07 Jun 2023 17:19

Tgt Ion: 75	Resp:	18152
Ion	Ratio	Lower Upper
75	100	
110	2.3	28.0 42.0
77	31.1	25.4 38.2

