

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054204.D
 Acq On : 19 May 2023 07:46
 Operator : JC/MD
 Sample : 02843-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBWY9

Quant Time: May 19 09:20:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 04:28:00 2023
 Response via : Initial Calibration

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

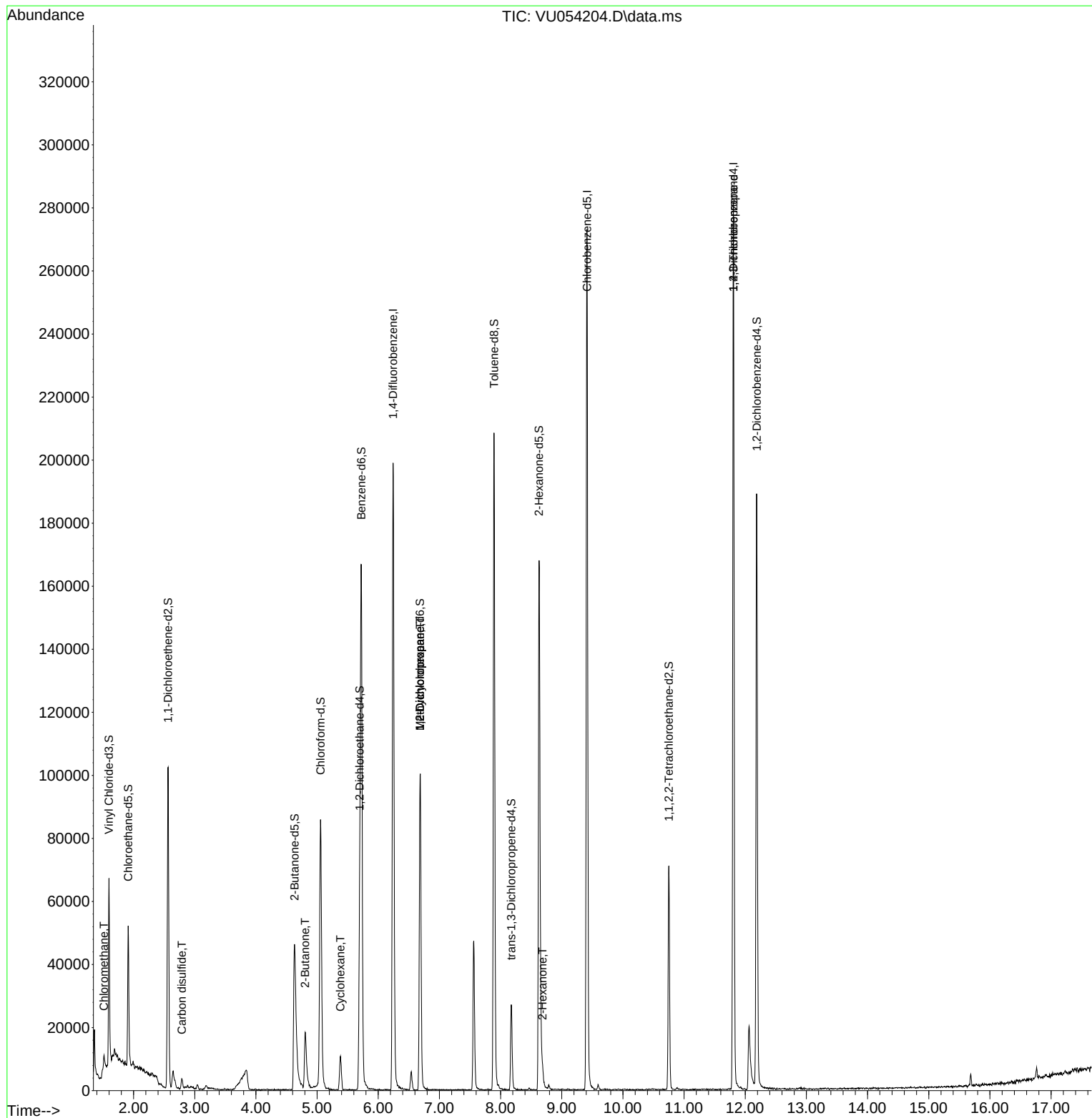
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	168891	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	160561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	79789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43240	4.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.913	69	34047	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.565	65	19536	4.751	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.633	46	83764	51.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.160%
24) Chloroform-d	5.057	84	80020	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.697	65	39199	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.723	84	160938	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.684	67	48804	5.164	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.893	98	139236	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.176	79	17756	4.651	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.629	63	57982	51.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35283	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	51246	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
3) Chloromethane	1.517	50	1771	0.150	ug/L	95
14) Carbon disulfide	2.790	76	4839	0.186	ug/L	96
21) 2-Butanone	4.806	43	28287	9.667	ug/L #	46
30) Cyclohexane	5.382	56	5298	0.324	ug/L #	93
35) Methylcyclohexane	6.684	83	12031	0.673	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5383	0.451	ug/L #	88
48) 2-Hexanone	8.687	43	3333	0.726	ug/L #	46
61) 1,2,3-Trichloropropane	11.806	75	8664	1.339	ug/L #	65

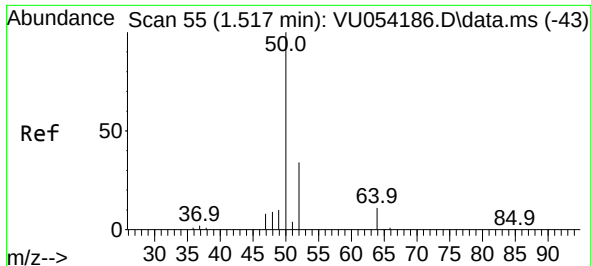
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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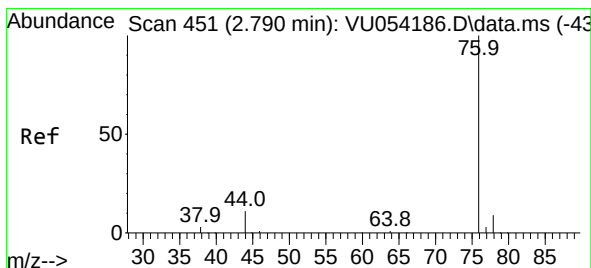
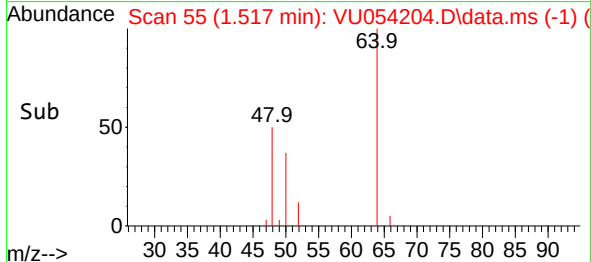
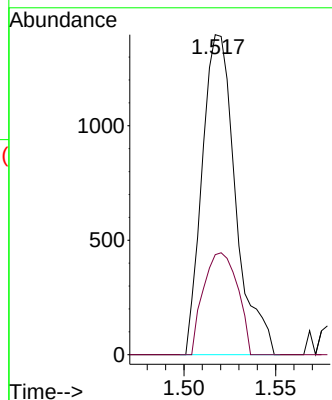
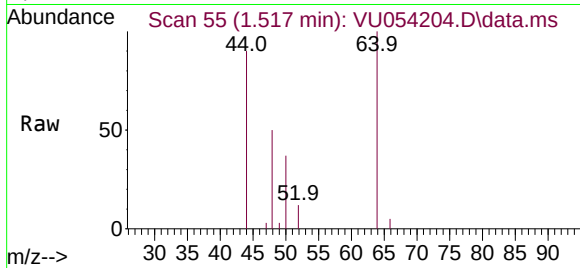




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.517 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054204.D
Acq: 19 May 2023 07:46

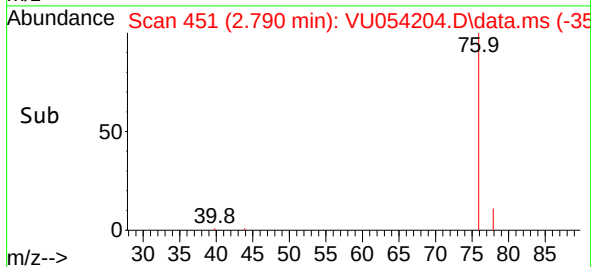
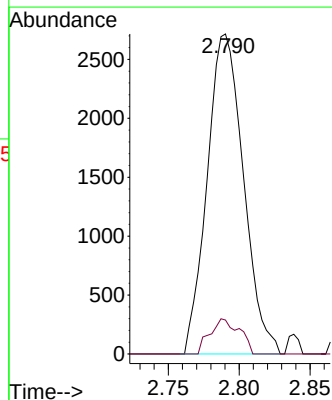
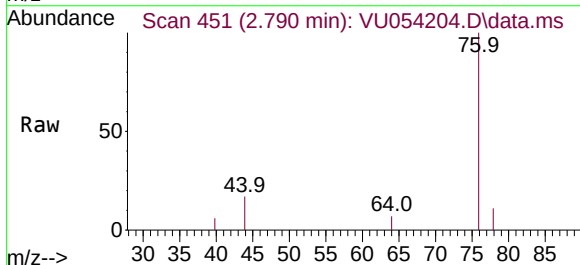
Instrument :
MSVOA_U
ClientSampleId :
GBWY9

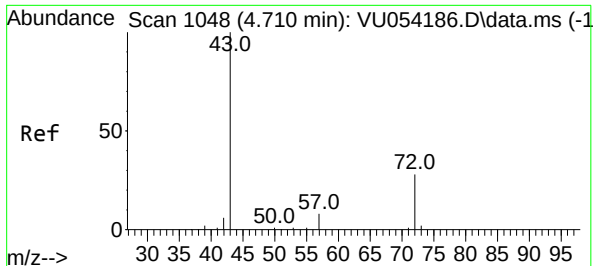
Tgt Ion: 50 Resp: 1771
Ion Ratio Lower Upper
50 100
52 31.3 23.7 44.1



#14
Carbon disulfide
Concen: 0.186 ug/L
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU054204.D
Acq: 19 May 2023 07:46

Tgt Ion: 76 Resp: 4839
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0





#21

2-Butanone

Concen: 9.667 ug/L

RT: 4.806 min Scan# 1048

Delta R.T. 0.097 min

Lab File: VU054204.D

Acq: 19 May 2023 07:46

Instrument :

MSVOA_U

ClientSampleId :

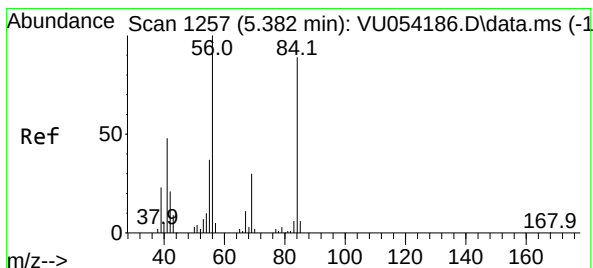
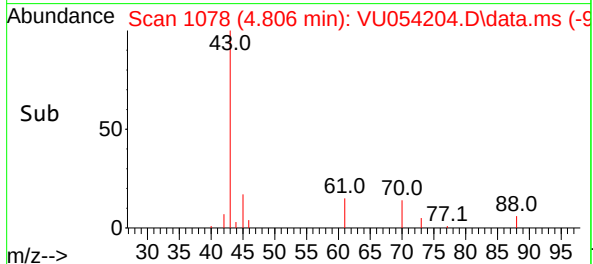
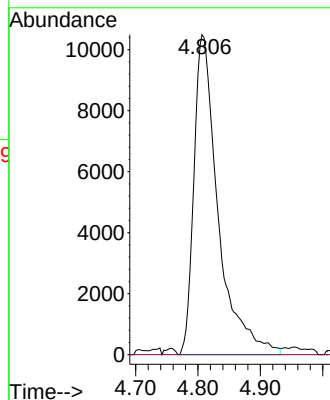
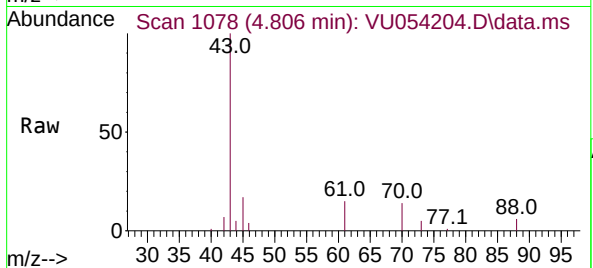
GBWY9

Tgt Ion: 43 Resp: 28287

Ion Ratio Lower Upper

43 100

72 0.0 14.2 42.8#



#30

Cyclohexane

Concen: 0.324 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU054204.D

Acq: 19 May 2023 07:46

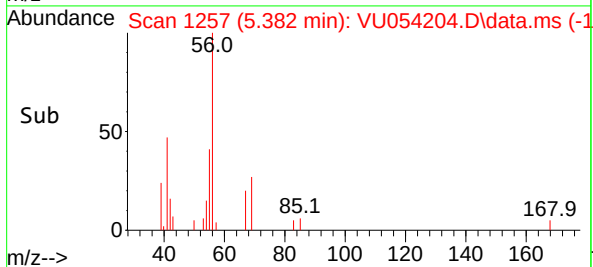
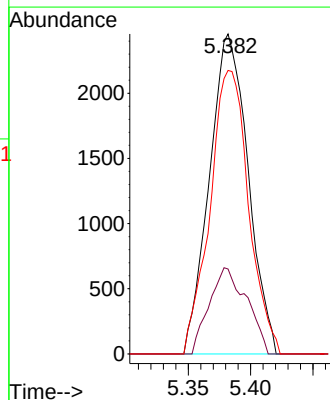
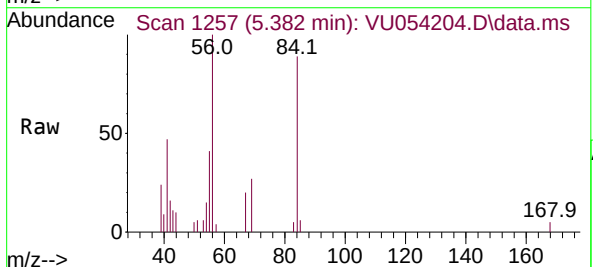
Tgt Ion: 56 Resp: 5298

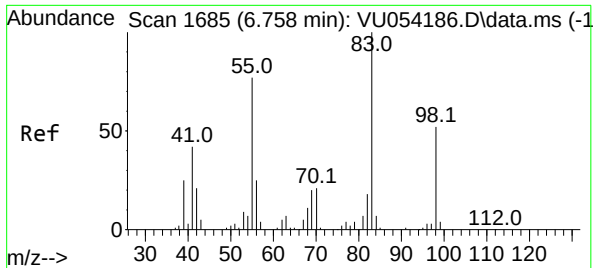
Ion Ratio Lower Upper

56 100

69 26.0 26.2 39.4#

84 88.4 74.2 111.4

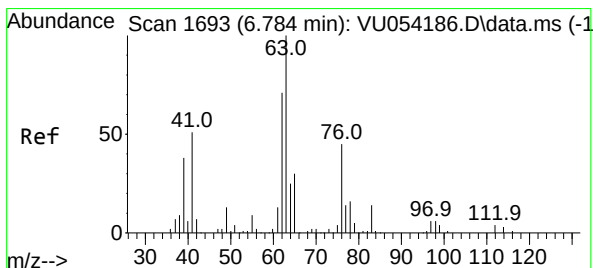
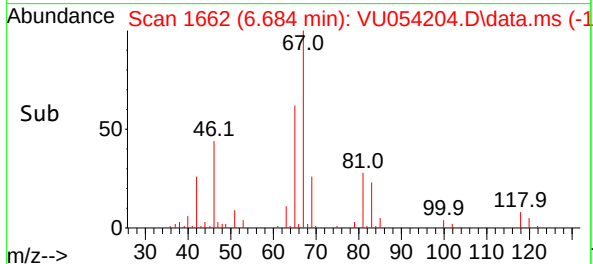
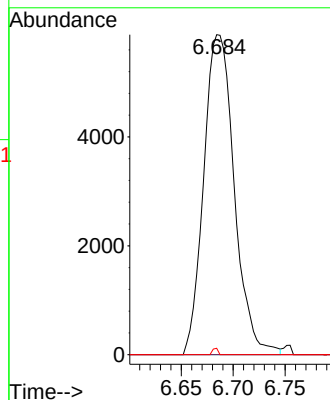
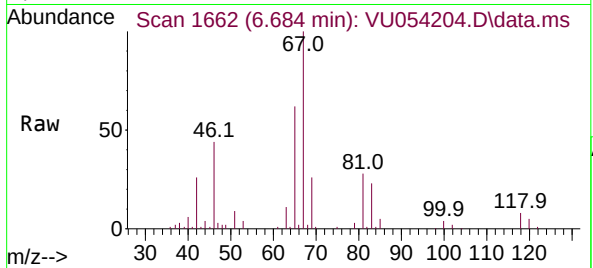




#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU054204.D
Acq: 19 May 2023 07:46

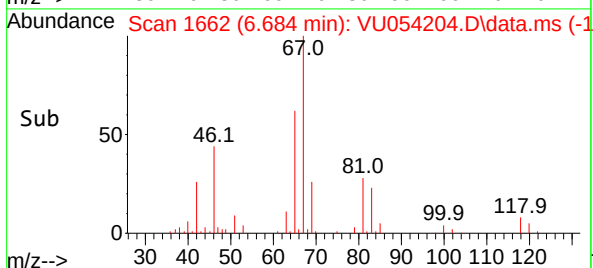
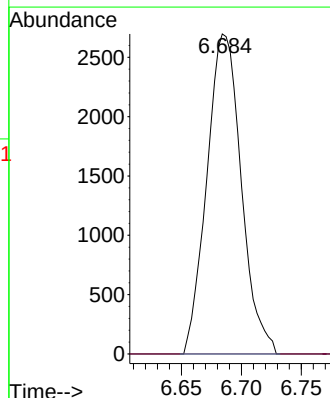
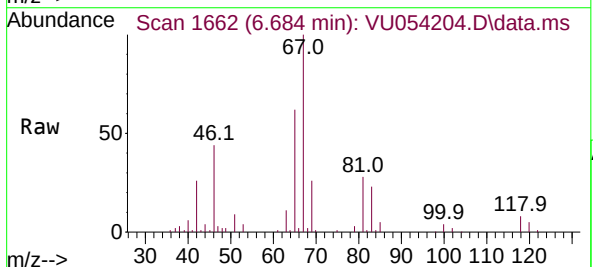
Instrument :
MSVOA_U
ClientSampleId :
GBWY9

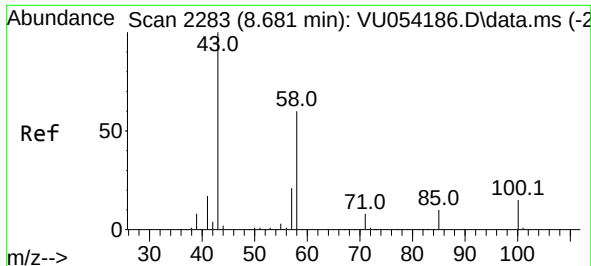
Tgt Ion: 83 Resp: 12031
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.4 41.3 61.9#



#37
1,2-Dichloropropane
Concen: 0.451 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.100 min
Lab File: VU054204.D
Acq: 19 May 2023 07:46

Tgt Ion: 63 Resp: 5383
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

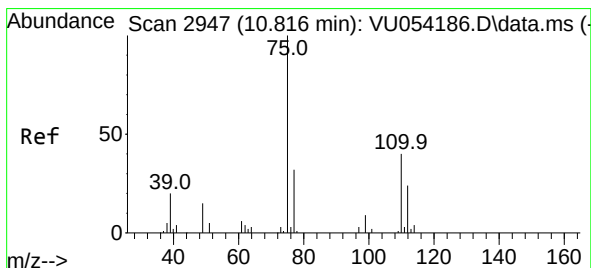
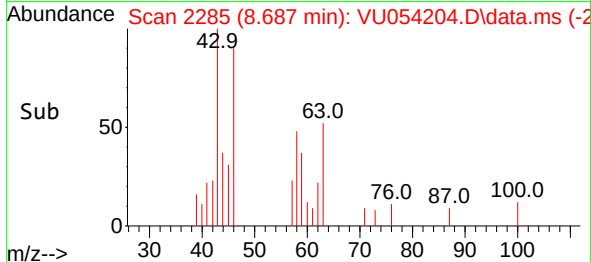
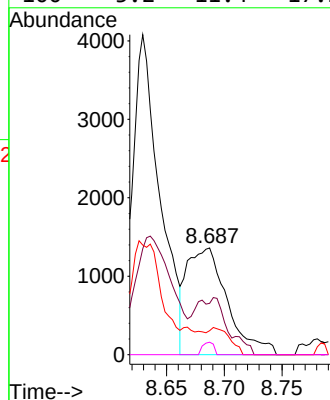
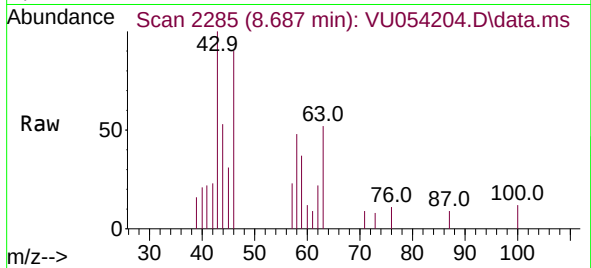




#48
2-Hexanone
Concen: 0.726 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054204.D
Acq: 19 May 2023 07:46

Instrument :
MSVOA_U
ClientSampleId :
GBWY9

Tgt Ion: 43	Resp:	3333
Ion Ratio	Lower	Upper
43	100	
58	4.6	48.6 72.8#
57	12.8	16.7 25.1#
100	3.2	11.4 17.2#



#61
1,2,3-Trichloropropane
Concen: 1.339 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU054204.D
Acq: 19 May 2023 07:46

Tgt Ion: 75	Resp:	8664
Ion Ratio	Lower	Upper
75	100	
110	1.2	32.3 48.5#
77	32.4	26.3 39.5

