

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054179.D
 Acq On : 18 May 2023 20:53
 Operator : JC/MD
 Sample : 02844-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBX07

Quant Time: May 19 02:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 02:02:28 2023
 Response via : Initial Calibration

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

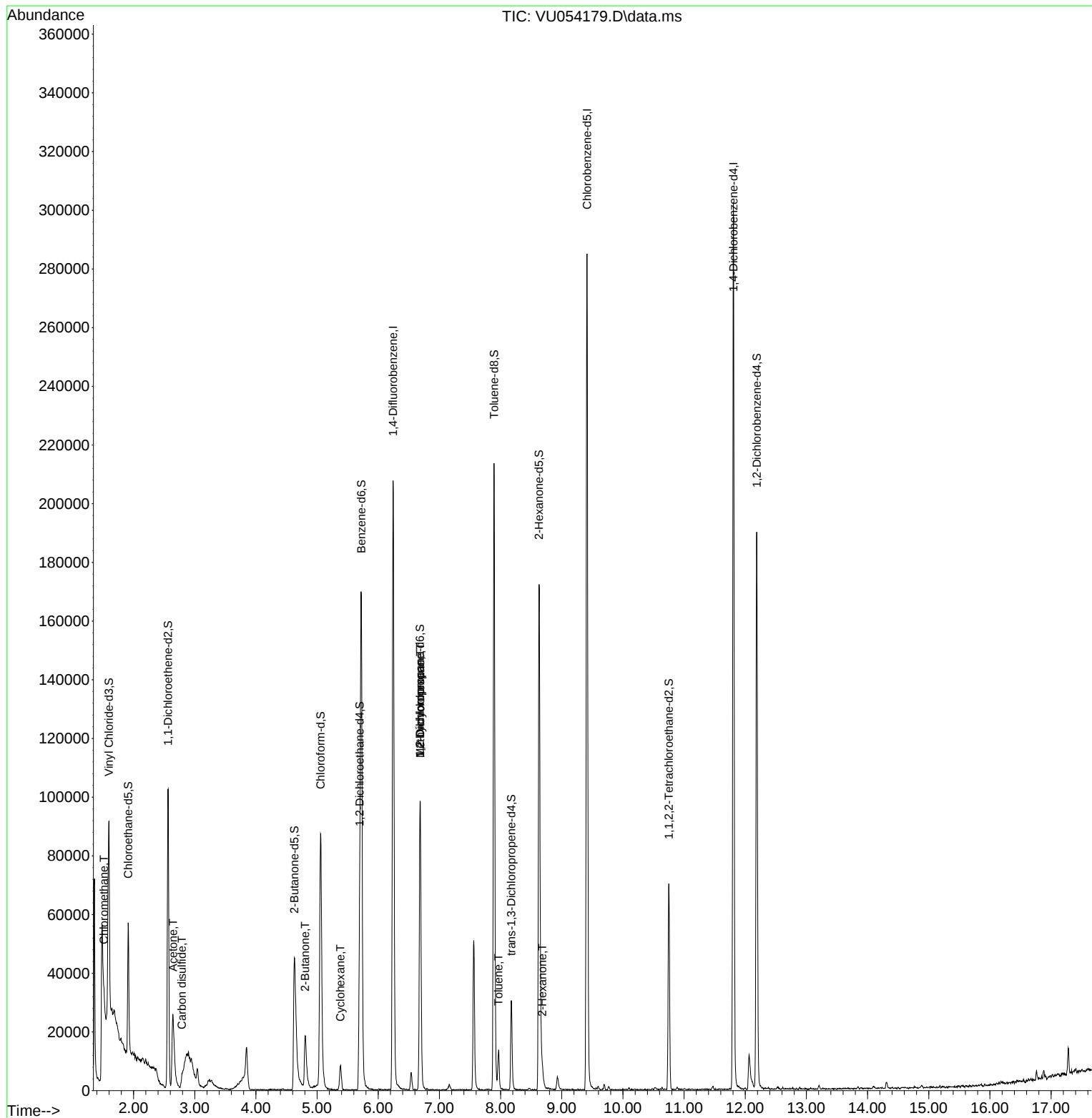
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	176673	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	168243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42893	4.503	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.912	69	33439	4.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.562	65	20035	4.657	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.629	46	85302	50.218	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.440%	
24) Chloroform-d	5.057	84	82278	4.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.697	65	39576	4.804	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.723	84	162494	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.684	67	47761	4.823	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.400%	
41) Toluene-d8	7.893	98	143026	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.176	79	18520	4.630	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.600%	
46) 2-Hexanone-d5	8.629	63	61215	51.401	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.800%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34621	4.877	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	53339	5.261	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	4244	0.343	ug/L	86
13) Acetone	2.646	43	44695	19.342	ug/L	93
14) Carbon disulfide	2.790	76	3549	0.131	ug/L #	94
21) 2-Butanone	4.806	43	25582	8.358	ug/L #	47
30) Cyclohexane	5.382	56	4126	0.241	ug/L	89
35) Methylcyclohexane	6.687	83	11673	0.623	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	5409	0.433	ug/L #	88
42) Toluene	7.967	91	9762	0.194	ug/L	92
48) 2-Hexanone	8.681	43	3317	0.689	ug/L #	82

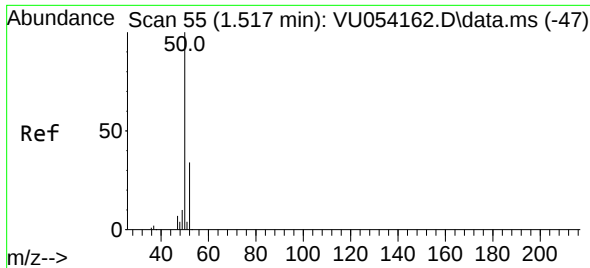
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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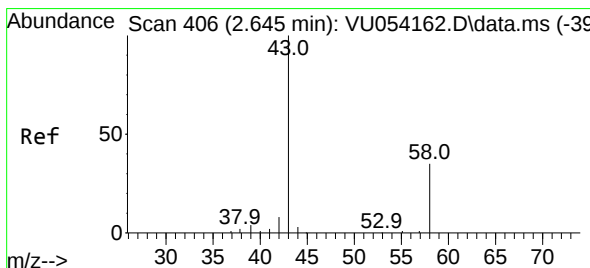
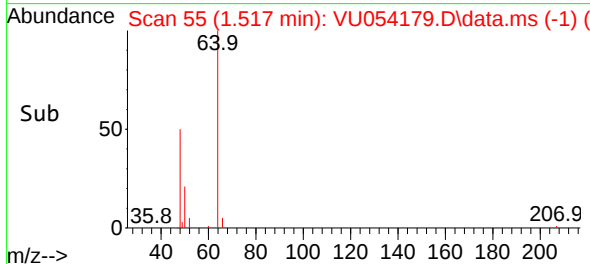
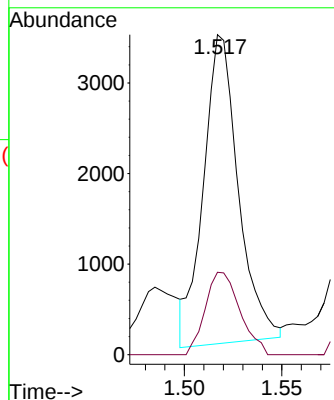
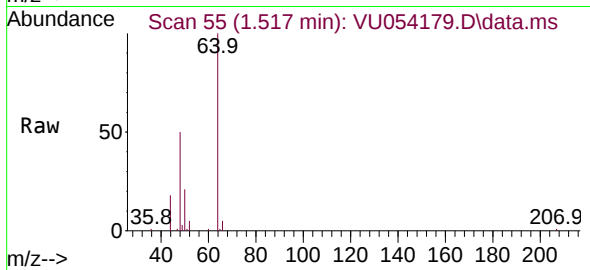




#3
Chloromethane
Concen: 0.343 ug/L
RT: 1.517 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU054179.D
Acq: 18 May 2023 20:53

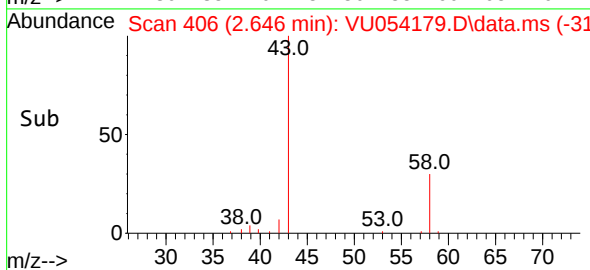
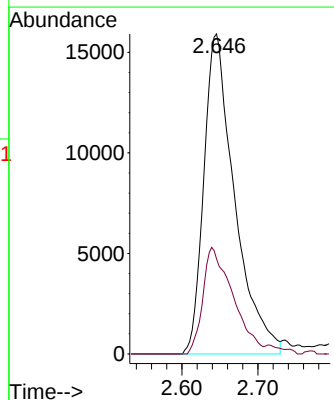
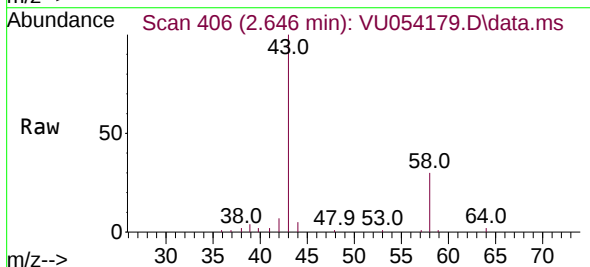
Instrument :
MSVOA_U
ClientSampleId :
GBX07

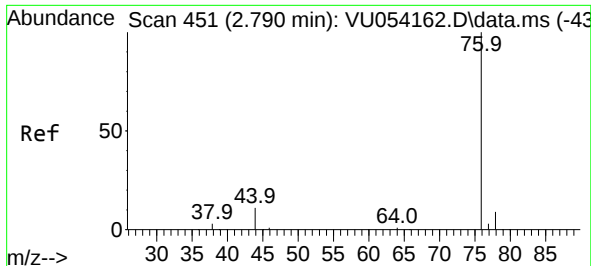
Tgt Ion: 50 Resp: 4244
Ion Ratio Lower Upper
50 100
52 25.8 23.7 44.1



#13
Acetone
Concen: 19.342 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU054179.D
Acq: 18 May 2023 20:53

Tgt Ion: 43 Resp: 44695
Ion Ratio Lower Upper
43 100
58 32.5 0.0 73.2

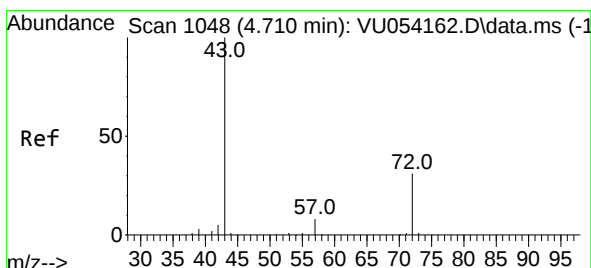
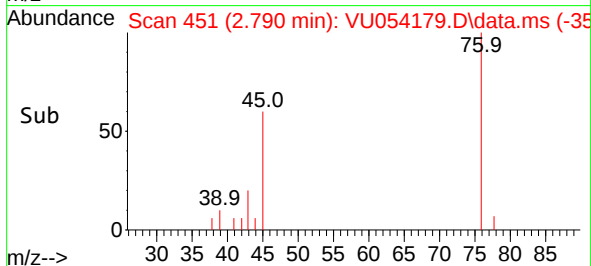
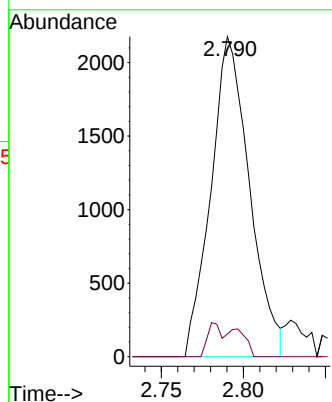
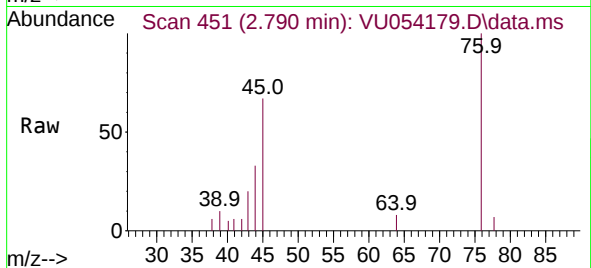




#14
Carbon disulfide
Concen: 0.131 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU054179.D
Acq: 18 May 2023 20:53

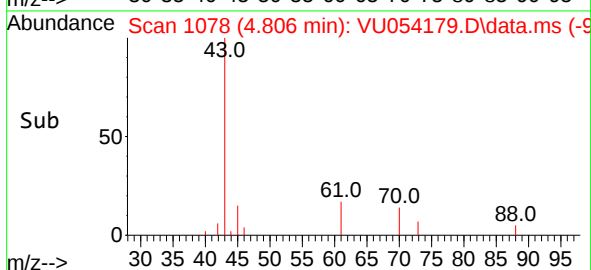
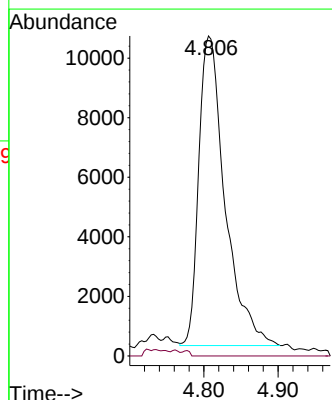
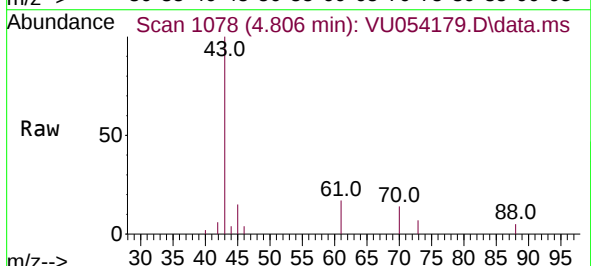
Instrument :
MSVOA_U
ClientSampleId :
GBX07

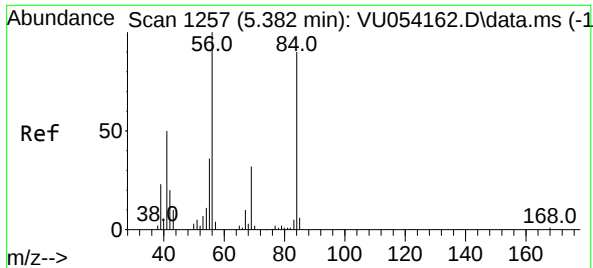
Tgt Ion: 76 Resp: 3549
Ion Ratio Lower Upper
76 100
78 7.1 7.4 11.0#



#21
2-Butanone
Concen: 8.358 ug/L
RT: 4.806 min Scan# 1078
Delta R.T. 0.097 min
Lab File: VU054179.D
Acq: 18 May 2023 20:53

Tgt Ion: 43 Resp: 25582
Ion Ratio Lower Upper
43 100
72 0.5 14.2 42.8#

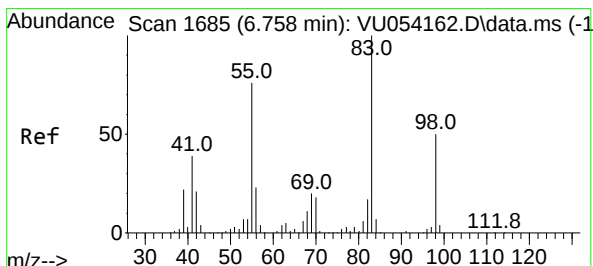
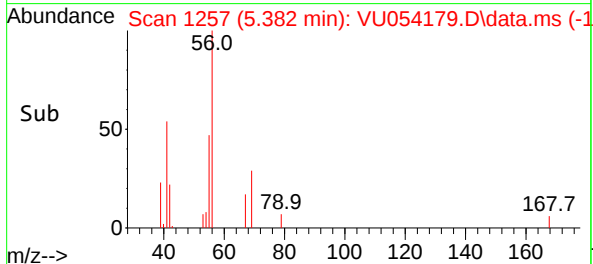
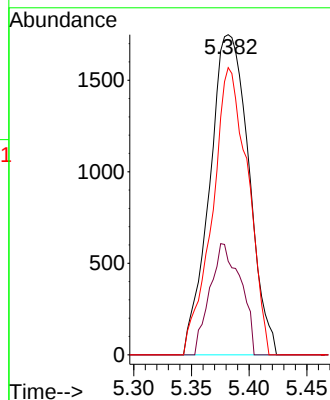
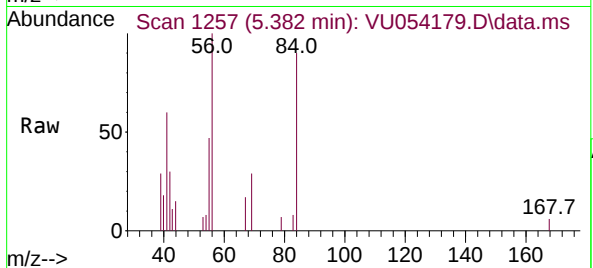




#30
Cyclohexane
Concen: 0.241 ug/L
RT: 5.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054179.D
Acq: 18 May 2023 20:53

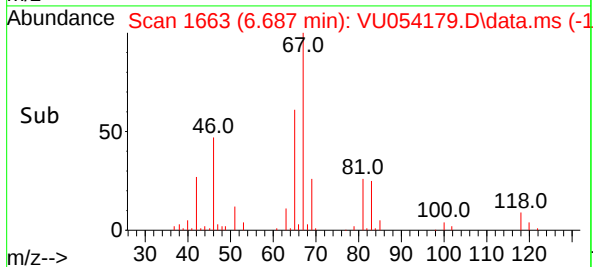
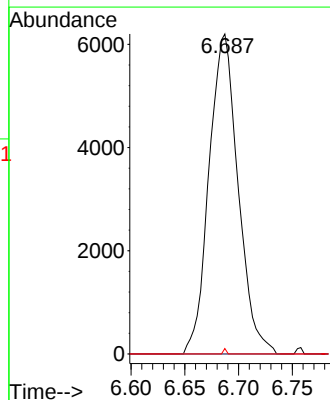
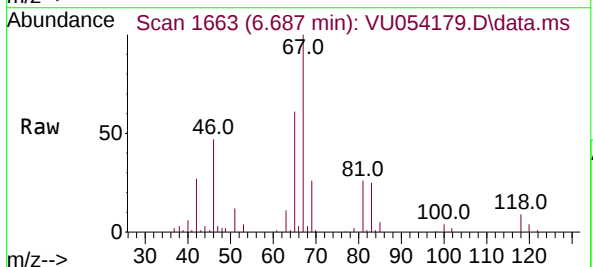
Instrument :
MSVOA_U
ClientSampleId :
GBX07

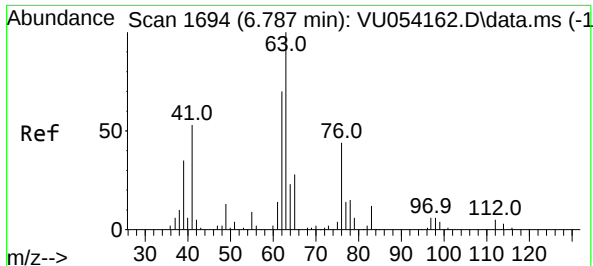
Tgt Ion: 56 Resp: 4126
Ion Ratio Lower Upper
56 100
69 27.2 26.2 39.4
84 81.7 74.2 111.4



#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU054179.D
Acq: 18 May 2023 20:53

Tgt Ion: 83 Resp: 11673
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.2 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 0.433 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054179.D

Acq: 18 May 2023 20:53

Instrument :

MSVOA_U

ClientSampleId :

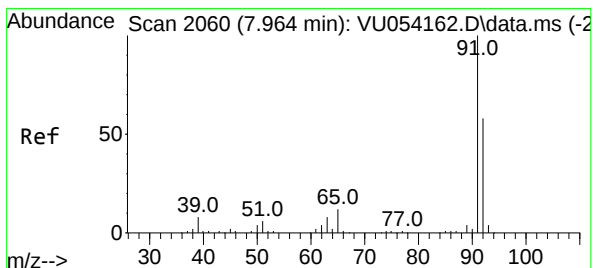
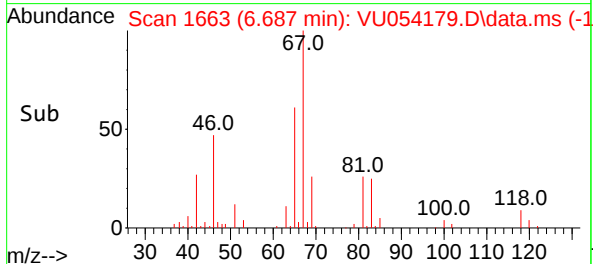
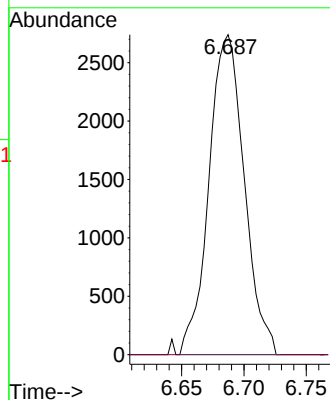
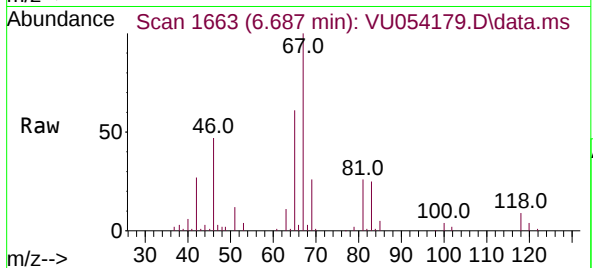
GBX07

Tgt Ion: 63 Resp: 5409

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 0.194 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU054179.D

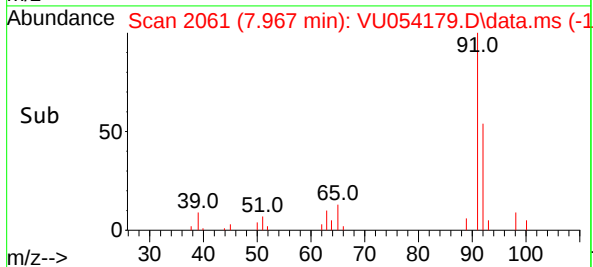
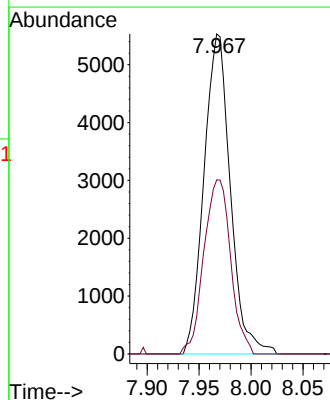
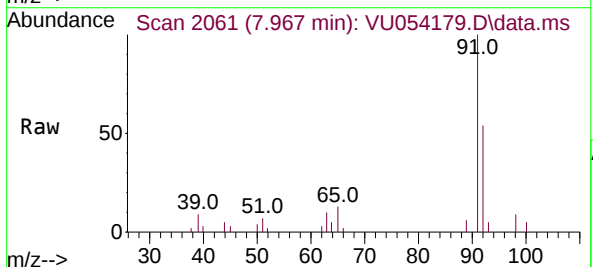
Acq: 18 May 2023 20:53

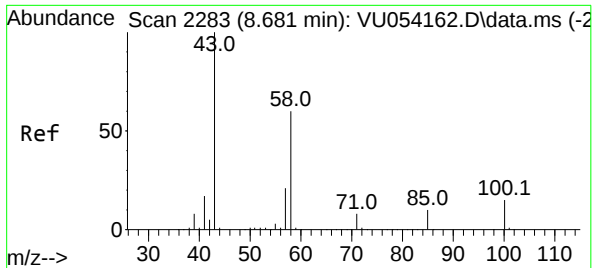
Tgt Ion: 91 Resp: 9762

Ion Ratio Lower Upper

91 100

92 54.4 42.1 78.1





#48
 2-Hexanone
 Concen: 0.689 ug/L
 RT: 8.681 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU054179.D
 Acq: 18 May 2023 20:53

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Tgt Ion: 43	Resp:	3317
Ion	Ratio	Lower Upper
43	100	
58	45.0	48.6 72.8#
57	18.4	16.7 25.1
100	2.9	11.4 17.2#

