

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058055.D
 Acq On : 12 Mar 2024 13:23
 Operator : MD/SY
 Sample : P1715-11 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN4

Quant Time: Mar 13 02:00:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

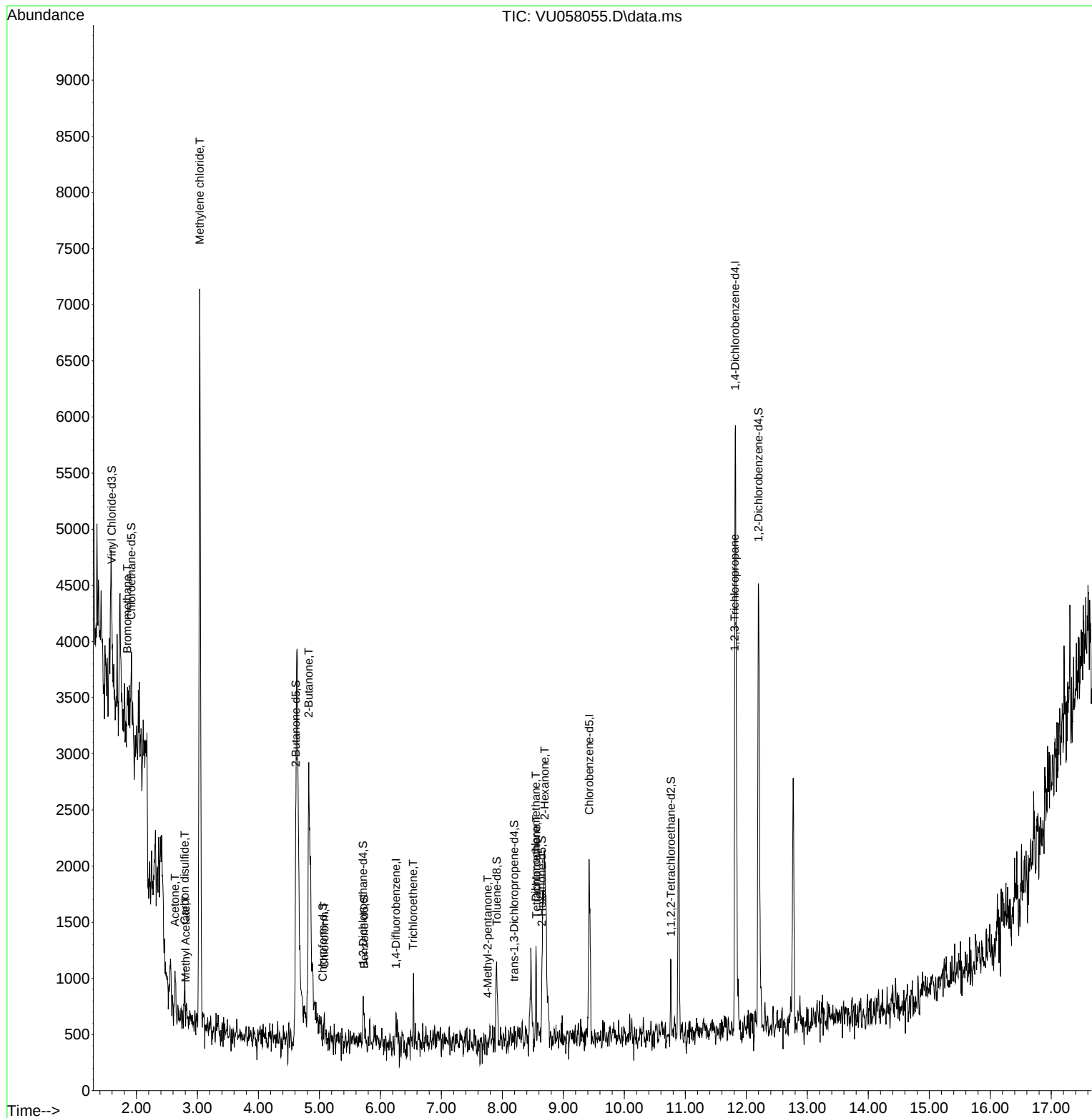
Internal Standards						
1) 1,4-Difluorobenzene	6.255	114	328	5.000	ug/L	# 0.01
28) Chlorobenzene-d5	9.422	117	1403	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.817	152	2346	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	190	8.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	161.000%#
7) Chloroethane-d5	1.914	69	43	2.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	44.400%#
11) 1,1-Dichloroethene-d2	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.612	46	28	7.201	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	14.400%#
24) Chloroform-d	5.055	84	79	1.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	35.400%#
26) 1,2-Dichloroethane-d4	5.714	65	96	4.747	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.734	84	429	1.049	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	21.000%#
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	0.000%#
41) Toluene-d8	7.907	98	708	1.911	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.200%#
43) trans-1,3-Dichloroprop...	8.193	79	20	0.468	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	9.400%#
46) 2-Hexanone-d5	8.647	63	104	7.247	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	14.500%#
56) 1,1,2,2-Tetrachloroeth...	10.766	84	136	1.784	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	35.600%#
66) 1,2-Dichlorobenzene-d4	12.200	152	1500	3.882	ug/L	0.01
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
6) Bromomethane	1.850	94	69	5.241	ug/L #	3
13) Acetone	2.631	43	339	117.151	ug/L #	43
14) Carbon disulfide	2.792	76	111	1.814	ug/L #	75
15) Methyl Acetate	2.805	43	148	23.047	ug/L #	49
16) Methylene chloride	3.036	84	3031	126.010	ug/L	85
21) 2-Butanone	4.824	43	4672	1024.651	ug/L #	50
25) Chloroform	5.081	83	158	3.599	ug/L #	18
34) Trichloroethene	6.538	95	158	1.395	ug/L #	36
40) 4-Methyl-2-pentanone	7.759	43	45	0.881	ug/L #	43
47) Tetrachloroethene	8.557	164	71	0.903	ug/L	84
48) 2-Hexanone	8.692	43	527	14.071	ug/L #	92
49) Dibromochloromethane	8.550	129	179	2.297	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	137	0.713	ug/L #	67

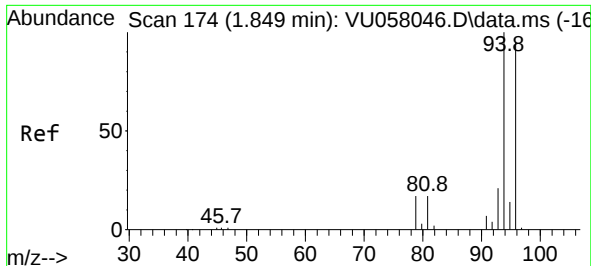
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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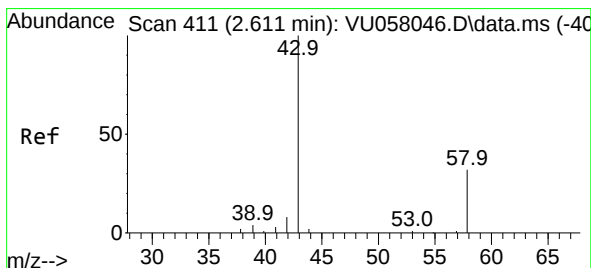
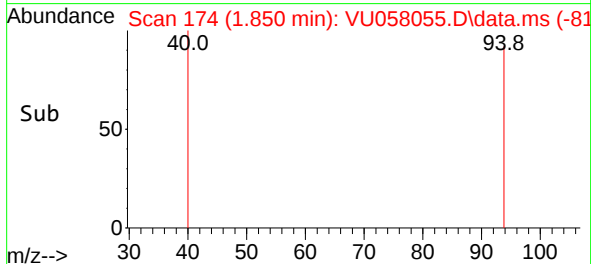
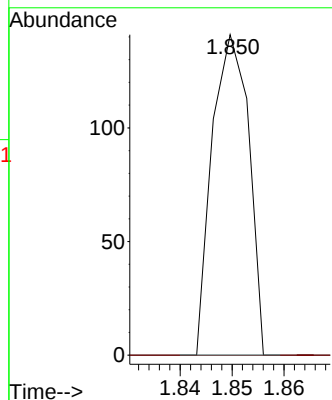
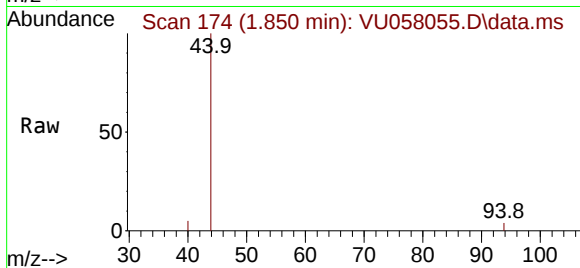




#6
Bromomethane
Concen: 5.241 ug/L
RT: 1.850 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058055.D
Acq: 12 Mar 2024 13:23

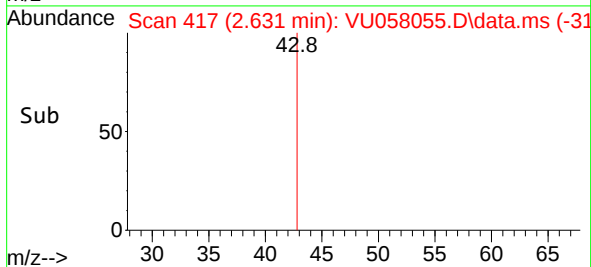
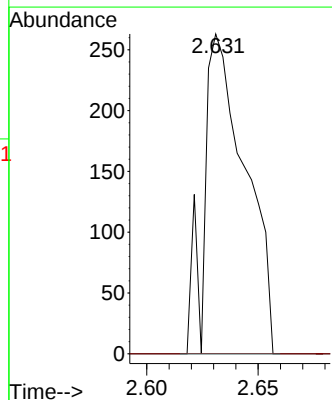
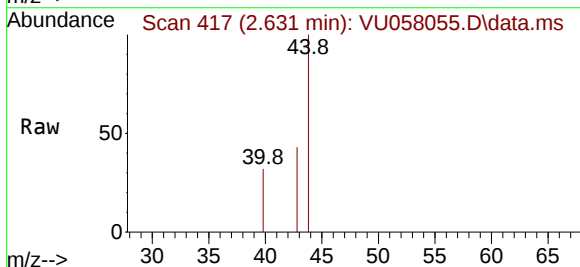
Instrument :
MSVOA_U
ClientSampleId :
BGQN4

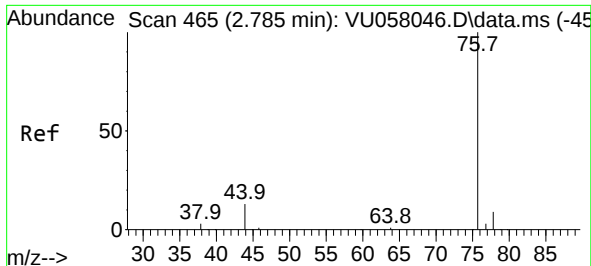
Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 0.0 65.2 121.2#



#13
Acetone
Concen: 117.151 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.019 min
Lab File: VU058055.D
Acq: 12 Mar 2024 13:23

Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
58 0.0 0.0 63.6





#14

Carbon disulfide

Concen: 1.814 ug/L

RT: 2.792 min Scan# 411

Delta R.T. 0.007 min

Lab File: VU058055.D

Acq: 12 Mar 2024 13:23

Instrument :

MSVOA_U

ClientSampleId :

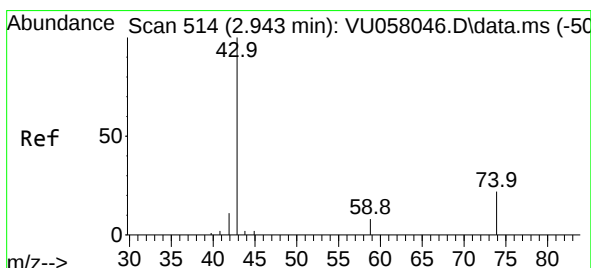
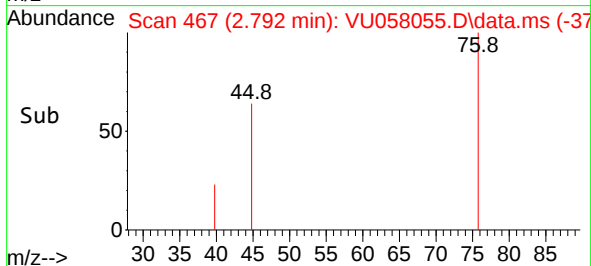
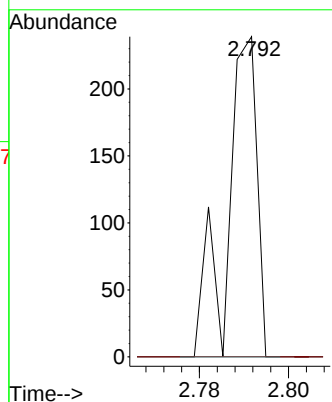
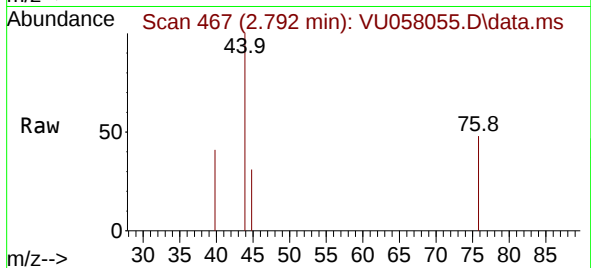
BGQN4

Tgt Ion: 76 Resp: 111

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#15

Methyl Acetate

Concen: 23.047 ug/L

RT: 2.805 min Scan# 471

Delta R.T. -0.138 min

Lab File: VU058055.D

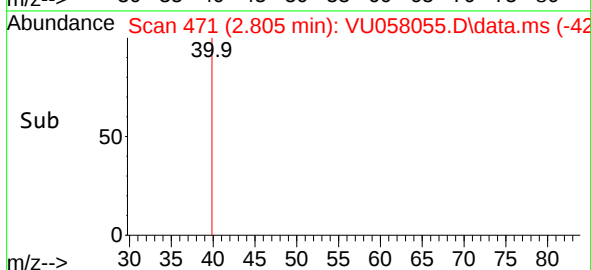
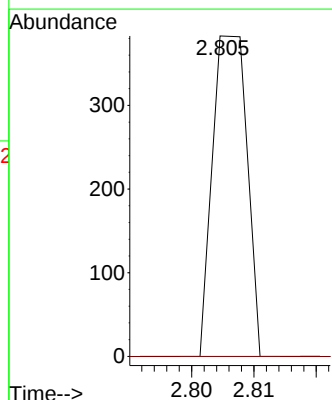
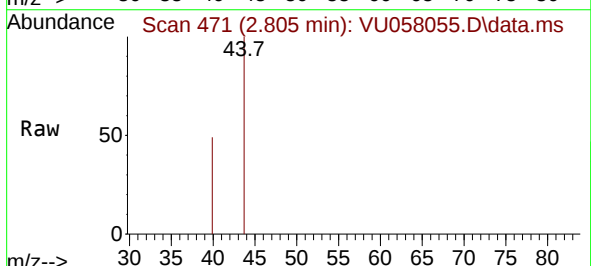
Acq: 12 Mar 2024 13:23

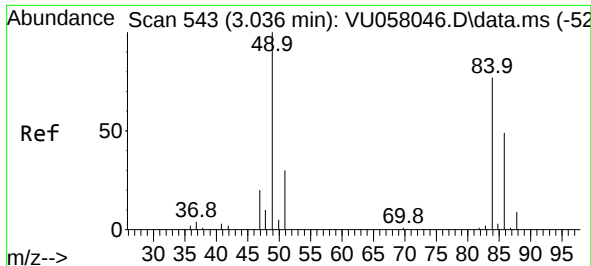
Tgt Ion: 43 Resp: 148

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#

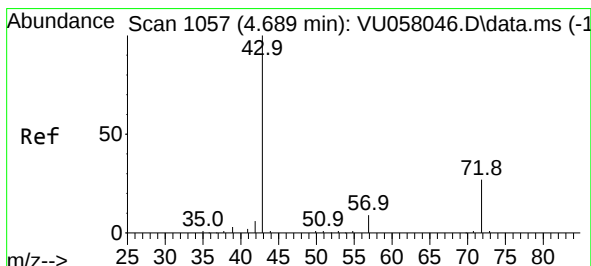
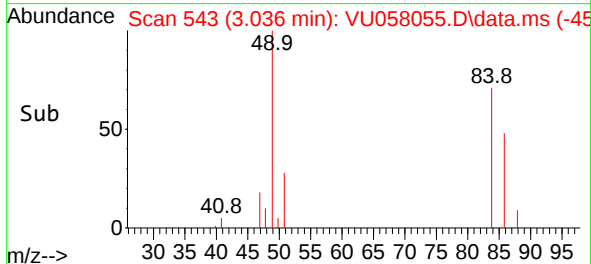
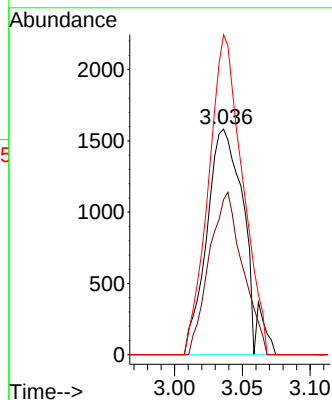
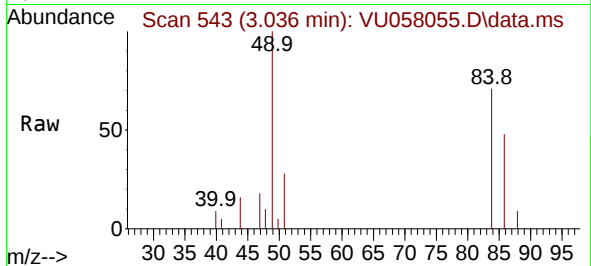




#16
Methylene chloride
Concen: 126.010 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU058055.D
Acq: 12 Mar 2024 13:23

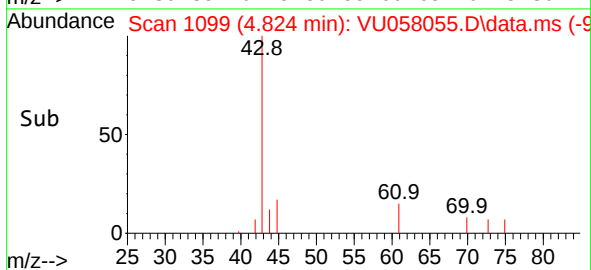
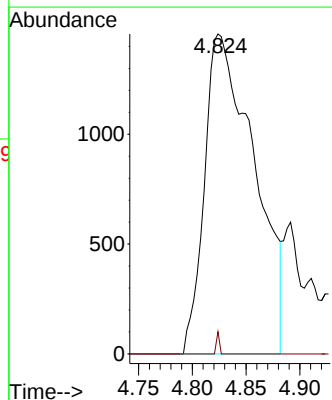
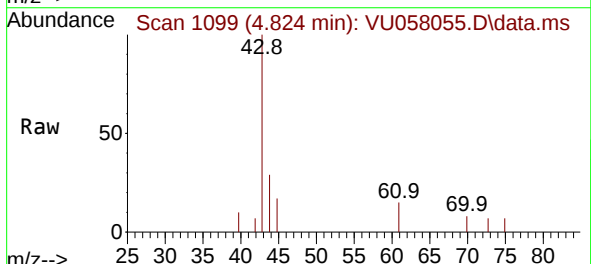
Instrument :
MSVOA_U
ClientSampleId :
BGQN4

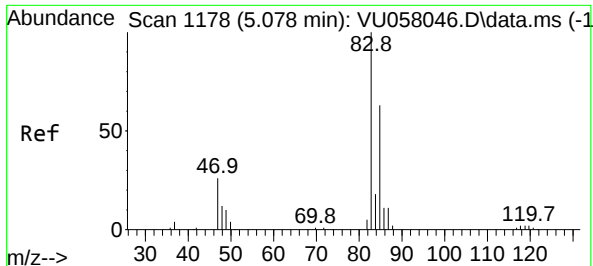
Tgt Ion:	84	Resp:	3031
Ion	Ratio	Lower	Upper
84	100		
86	68.7	44.4	82.4
49	148.3	88.8	165.0



#21
2-Butanone
Concen: 1024.651 ug/L
RT: 4.824 min Scan# 1099
Delta R.T. 0.135 min
Lab File: VU058055.D
Acq: 12 Mar 2024 13:23

Tgt Ion:	43	Resp:	4672
Ion	Ratio	Lower	Upper
43	100		
72	0.4	13.0	39.0#





#25

Chloroform

Concen: 3.599 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058055.D

Acq: 12 Mar 2024 13:23

Instrument :

MSVOA_U

ClientSampleId :

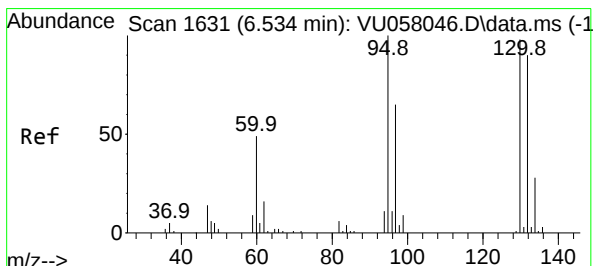
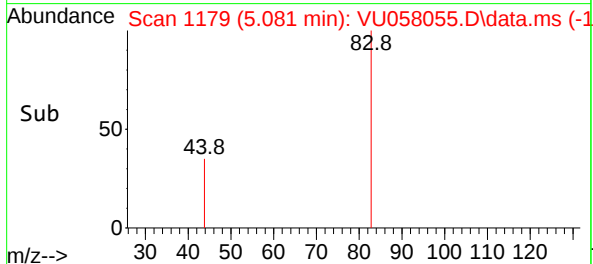
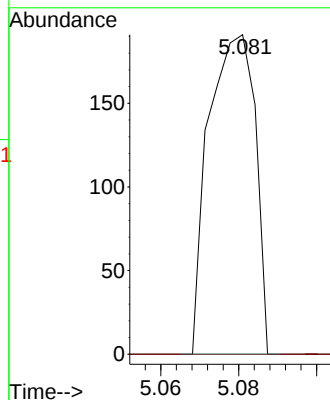
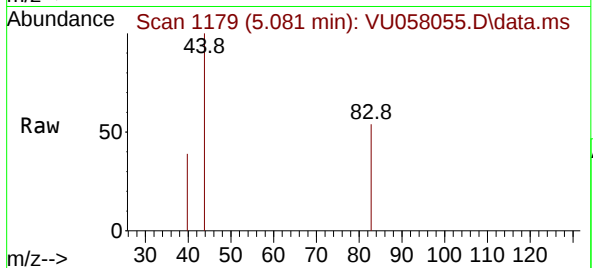
BGQN4

Tgt Ion: 83 Resp: 158

Ion Ratio Lower Upper

83 100

85 0.0 45.4 84.4#



#34

Trichloroethene

Concen: 1.395 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU058055.D

Acq: 12 Mar 2024 13:23

Tgt Ion: 95 Resp: 158

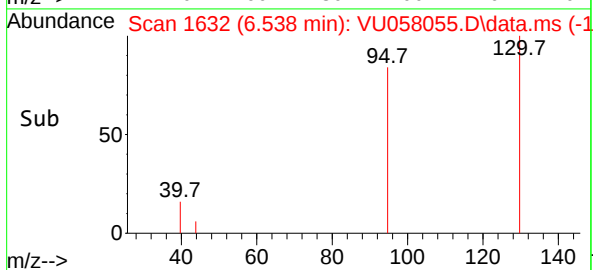
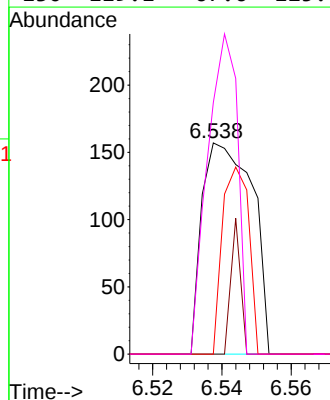
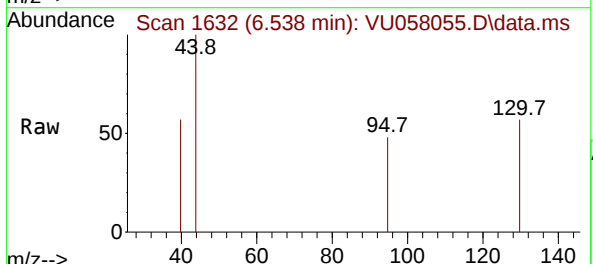
Ion Ratio Lower Upper

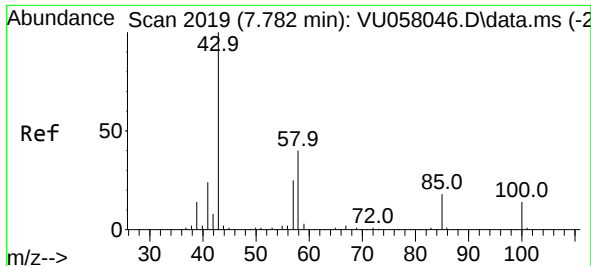
95 100

97 0.0 45.3 84.1#

132 0.0 63.1 117.1#

130 119.1 67.6 125.6





#40

4-Methyl-2-pentanone

Concen: 0.881 ug/L

RT: 7.759 min Scan# 20

Delta R.T. -0.022 min

Lab File: VU058055.D

Acq: 12 Mar 2024 13:23

Instrument :

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ClientSampleId :

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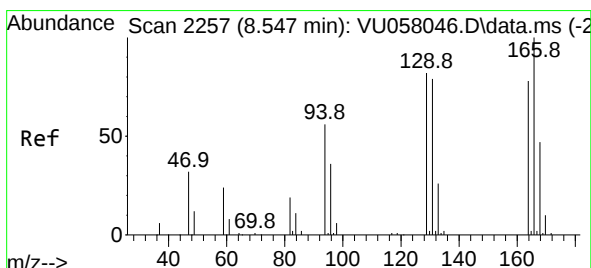
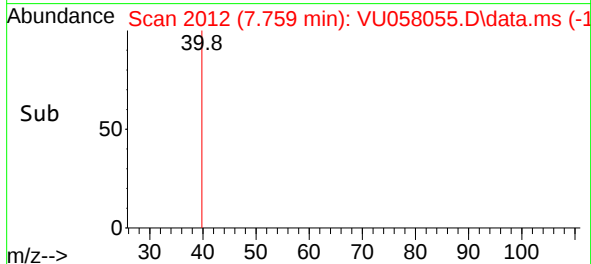
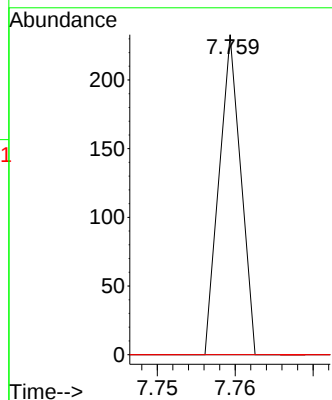
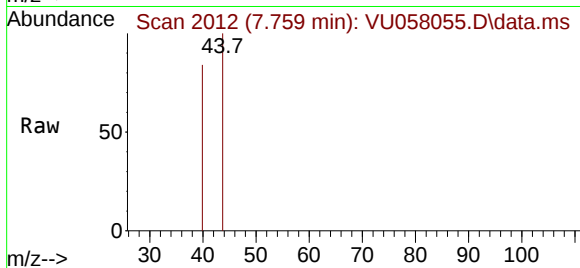
Tgt Ion: 43 Resp: 45

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#

100 0.0 11.3 16.9#



#47

Tetrachloroethene

Concen: 0.903 ug/L

RT: 8.557 min Scan# 2260

Delta R.T. 0.010 min

Lab File: VU058055.D

Acq: 12 Mar 2024 13:23

Tgt Ion: 164 Resp: 71

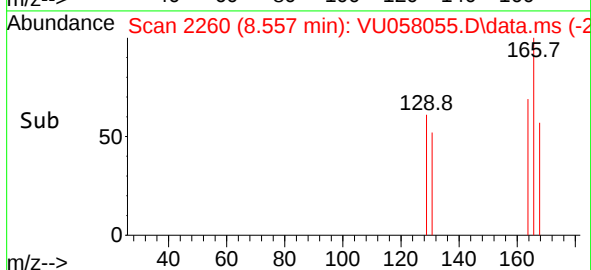
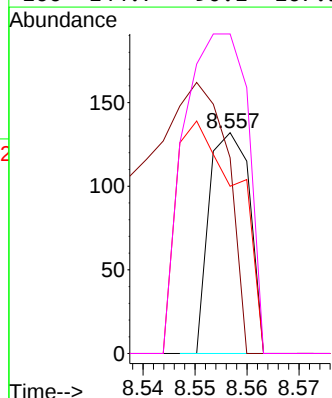
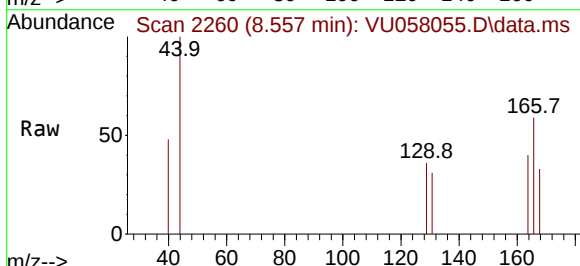
Ion Ratio Lower Upper

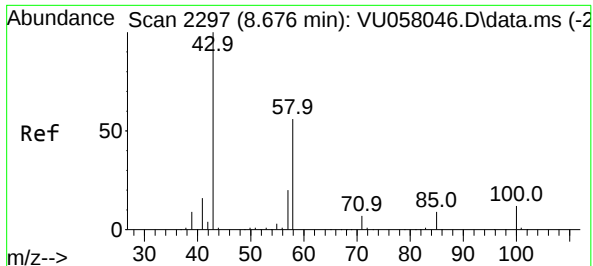
164 100

129 88.6 69.3 128.7

131 75.8 69.9 129.9

166 144.7 90.1 167.3

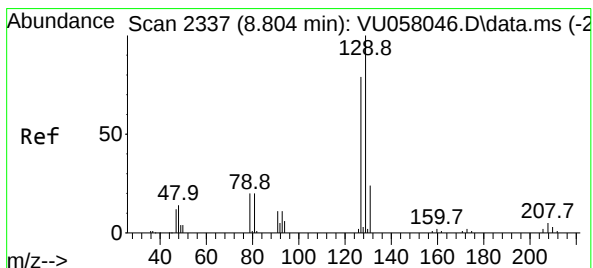
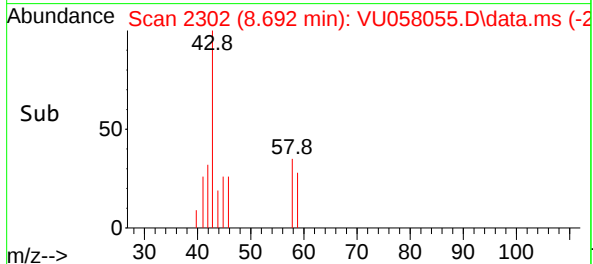
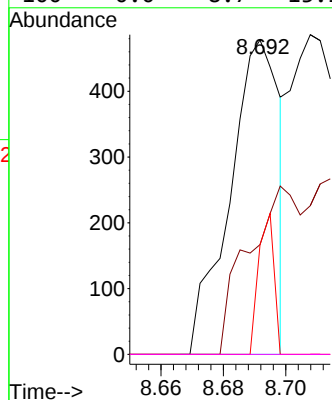
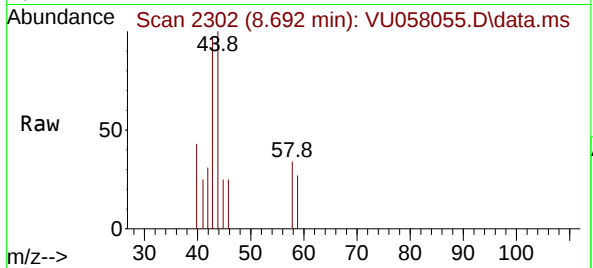




#48
2-Hexanone
Concen: 14.071 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU058055.D
Acq: 12 Mar 2024 13:23

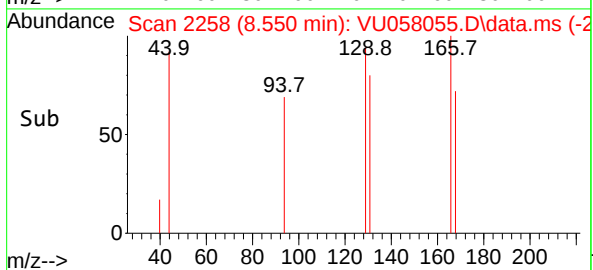
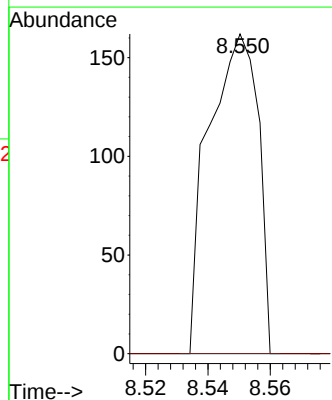
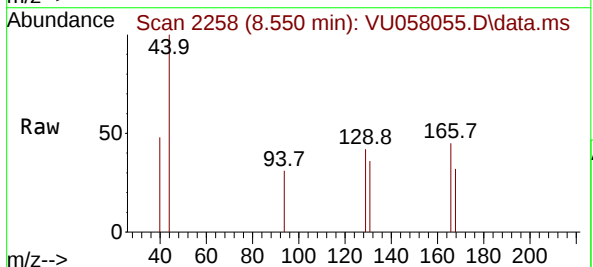
Instrument :
MSVOA_U
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BGQN4

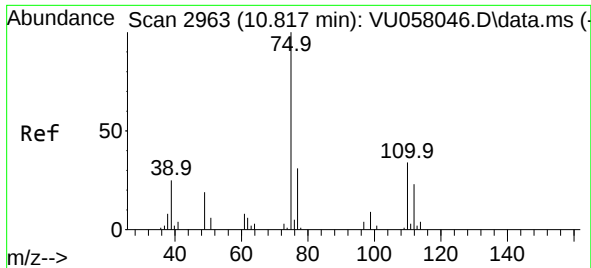
Tgt Ion: 43	Resp:	527	
Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.3	64.9
57	14.0	15.2	22.8#
100	0.0	8.7	13.1#



#49
Dibromochloromethane
Concen: 2.297 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU058055.D
Acq: 12 Mar 2024 13:23

Tgt Ion:129	Resp:	179	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.713 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058055.D
 Acq: 12 Mar 2024 13:23

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQN4

Tgt Ion: 75 Resp: 137
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.0 42.0#
 77 32.1 24.7 37.1

