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 Data File : VU054728.D
 Acq On : 30 Jun 2023 17:31
 Operator : MD/SY
 Sample : 03495-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FA4

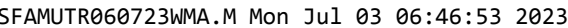
Quant Time: Jul 03 06:46:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

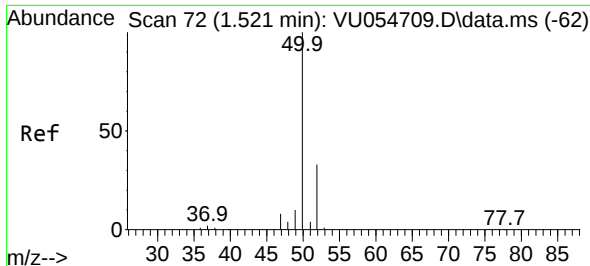
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	111363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	73312	4.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.907	69	66250	4.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	29829	4.198	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.621	46	252586	56.474	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.940%
24) Chloroform-d	5.058	84	148496	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	79510	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.724	84	280283	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.689	67	99451	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.894	98	236684	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	34446	4.224	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.631	63	186130	54.408	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81848	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	86718	4.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						Qvalue
3) Chloromethane	1.522	50	16369	0.610	ug/L	97
22) cis-1,2-Dichloroethene	4.669	96	12921	0.606	ug/L	95
25) Chloroform	5.084	83	25220	0.660	ug/L	99
34) Trichloroethene	6.537	95	144449	6.018	ug/L	97
35) Methylcyclohexane	6.685	83	21708	0.598	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10555	0.430	ug/L #	91
45) 1,1,2-Trichloroethane	8.550	97	63920	4.094	ug/L #	1
47) Tetrachloroethene	8.553	164	6953094	378.402	ug/L	98
48) 2-Hexanone	8.682	43	7294	0.747	ug/L #	91
49) Dibromochloromethane	8.553	129	6850582	417.833	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	15027	1.335	ug/L #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
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QLast Update : Mon Jul 03 06:42:02 2023
Response via : Initial Calibration

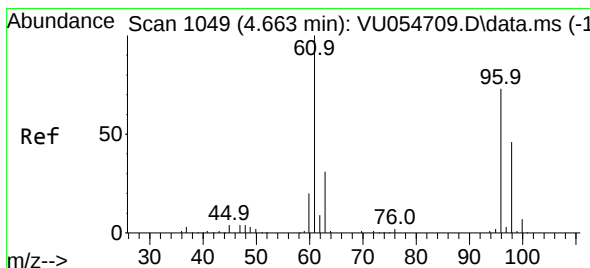
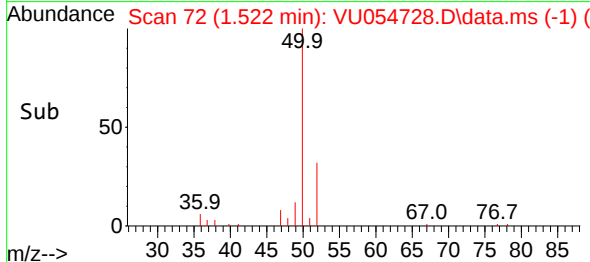
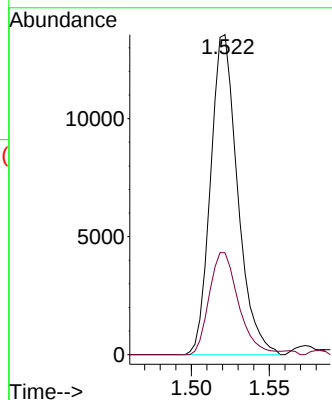
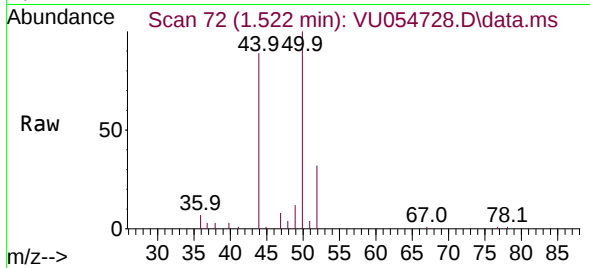




#3
Chloromethane
Concen: 0.610 ug/L
RT: 1.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

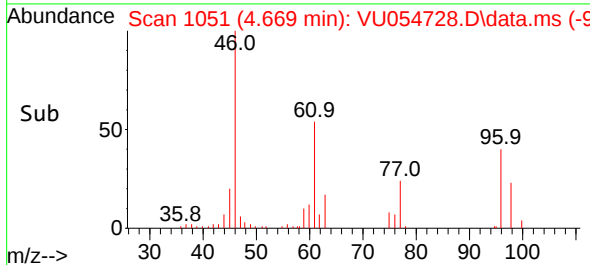
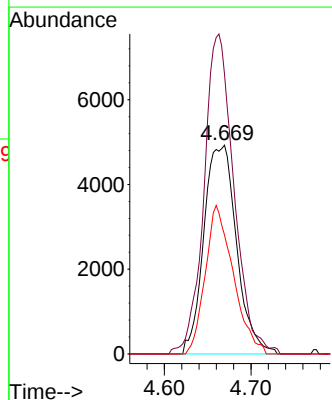
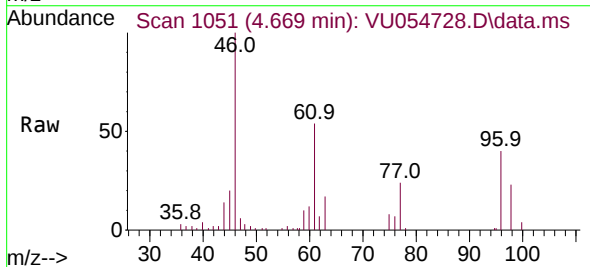
Instrument :
MSVOA_U
ClientSampleId :
H0FA4

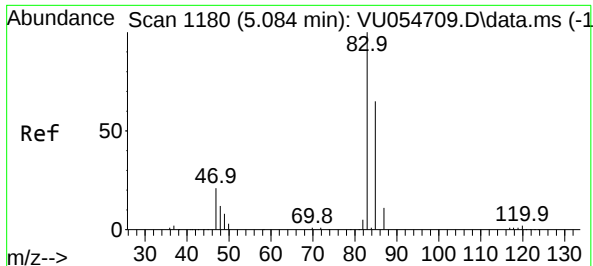
Tgt Ion: 50 Resp: 16369
Ion Ratio Lower Upper
50 100
52 31.9 23.4 43.4



#22
cis-1,2-Dichloroethene
Concen: 0.606 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.007 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

Tgt Ion: 96 Resp: 12921
Ion Ratio Lower Upper
96 100
61 134.0 96.5 179.1
98 56.9 44.9 83.3





#25

Chloroform

Concen: 0.660 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VU054728.D

Acq: 30 Jun 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

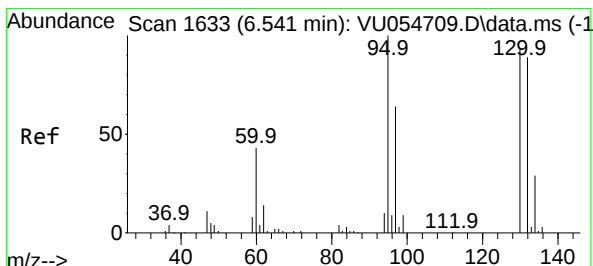
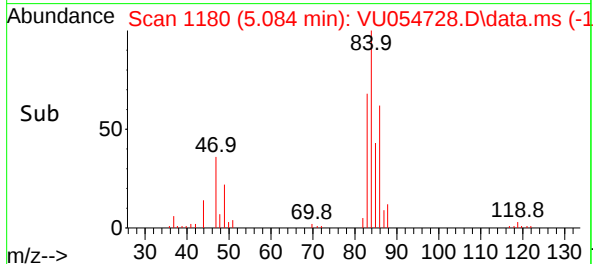
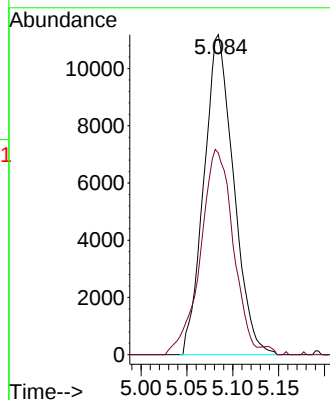
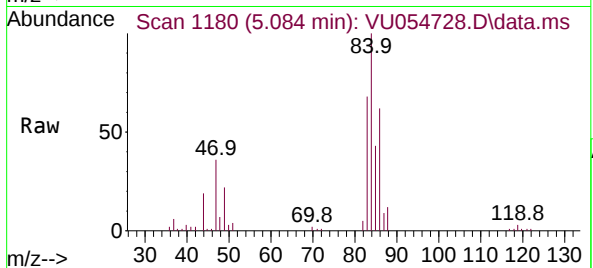
H0FA4

Tgt Ion: 83 Resp: 25220

Ion Ratio Lower Upper

83 100

85 63.0 44.7 82.9



#34

Trichloroethene

Concen: 6.018 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.003 min

Lab File: VU054728.D

Acq: 30 Jun 2023 17:31

Tgt Ion: 95 Resp: 144449

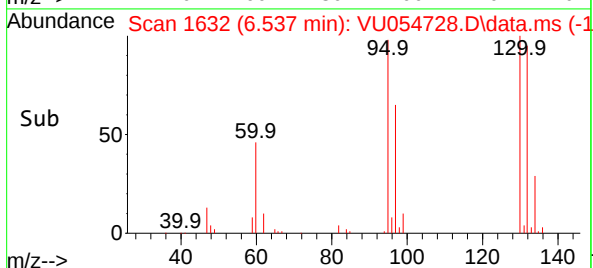
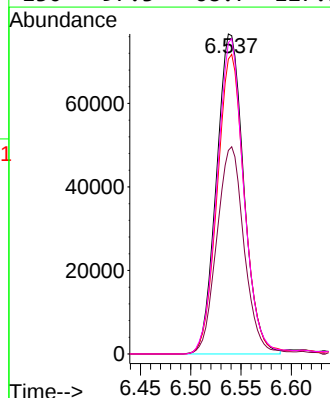
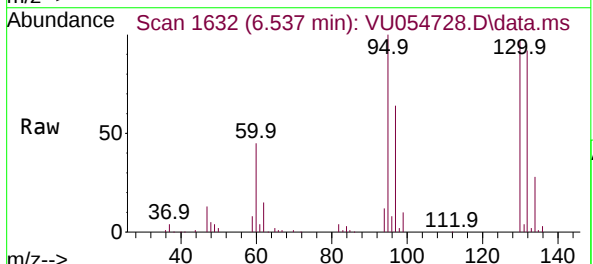
Ion Ratio Lower Upper

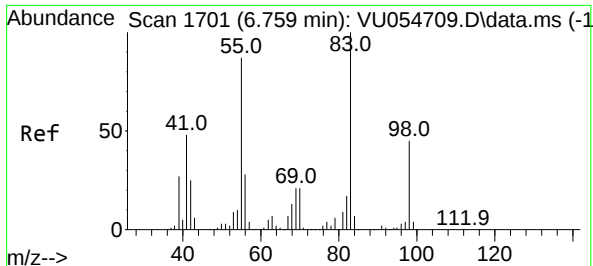
95 100

97 63.6 46.8 87.0

132 92.2 68.4 127.0

130 97.3 68.7 127.5





#35

Methylcyclohexane

Concen: 0.598 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054728.D

Acq: 30 Jun 2023 17:31

Instrument :

MSVOA_U

ClientSampleId :

H0FA4

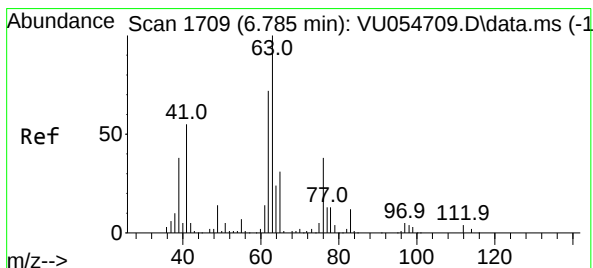
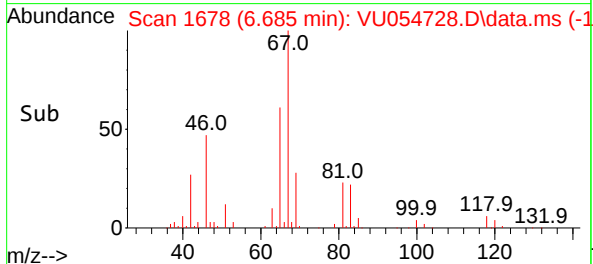
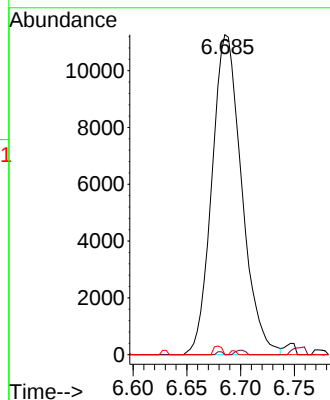
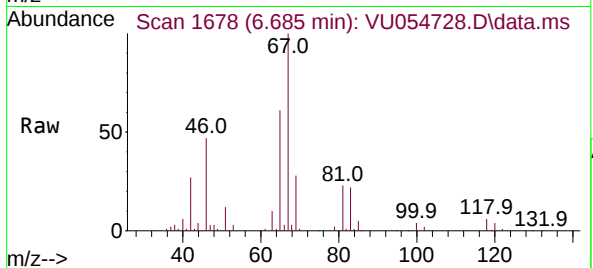
Tgt Ion: 83 Resp: 21708

Ion Ratio Lower Upper

83 100

55 0.2 67.1 100.7#

98 0.7 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.430 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU054728.D

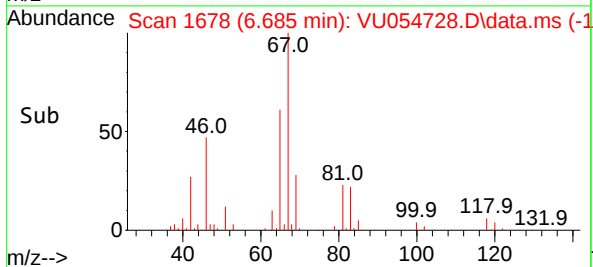
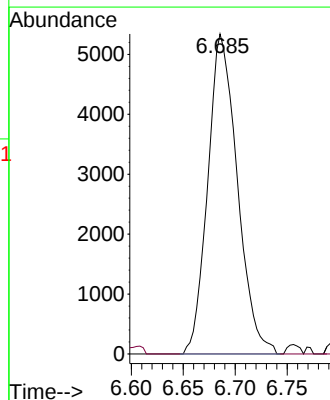
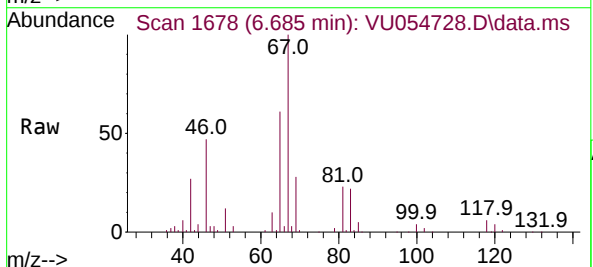
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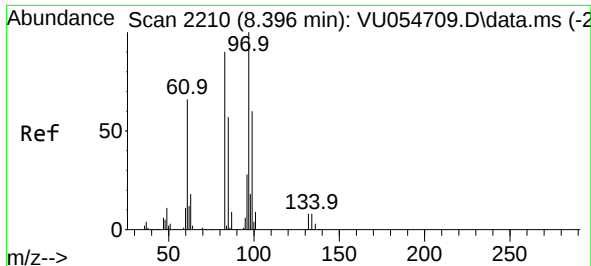
Tgt Ion: 63 Resp: 10555

Ion Ratio Lower Upper

63 100

112 0.9 3.0 4.6#

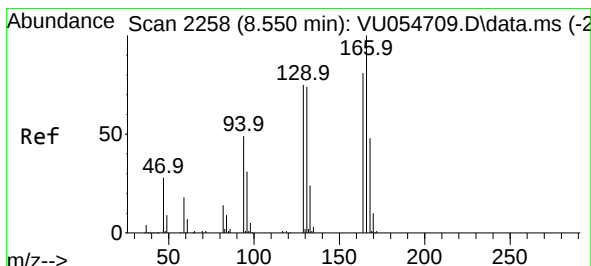
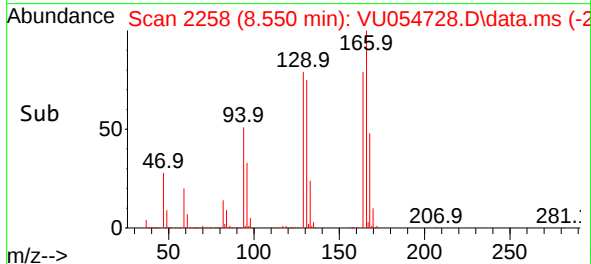
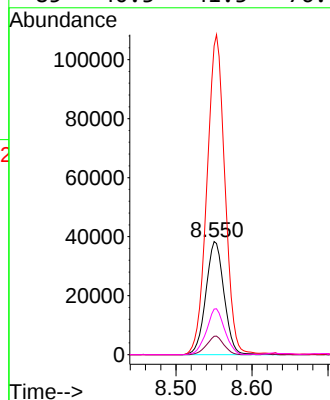
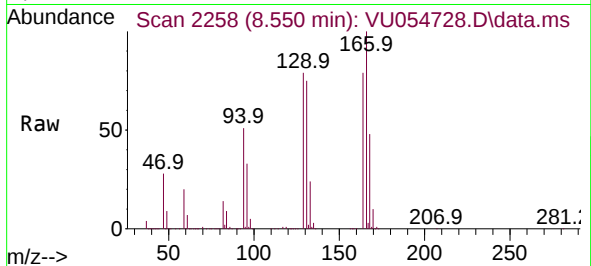




#45
1,1,2-Trichloroethane
Concen: 4.094 ug/L
RT: 8.550 min Scan# 2210
Delta R.T. 0.154 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

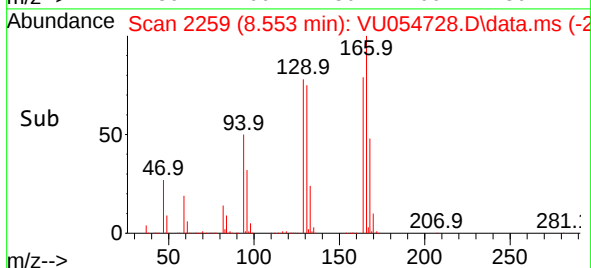
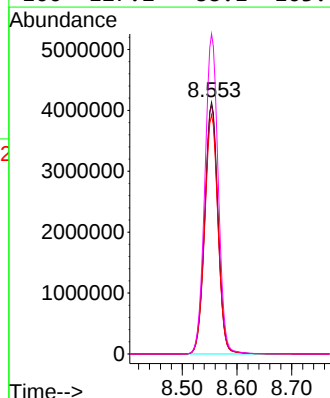
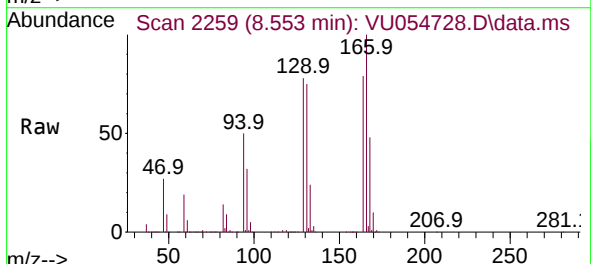
Instrument :
MSVOA_U
ClientSampleId :
H0FA4

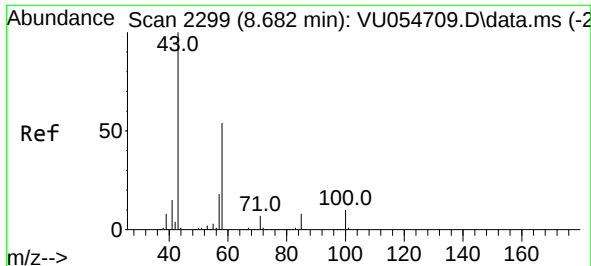
Tgt Ion: 97 Resp: 63920
Ion Ratio Lower Upper
97 100
99 16.2 43.0 80.0#
83 273.1 63.8 118.6#
85 40.3 41.3 76.7#



#47
Tetrachloroethene
Concen: 378.402 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

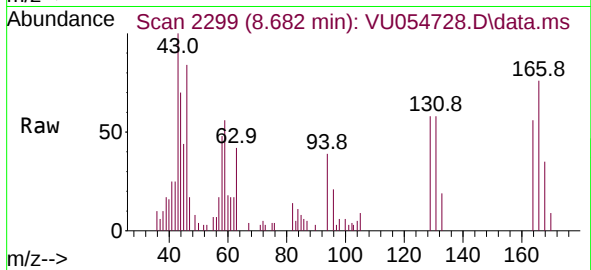
Tgt Ion:164 Resp: 6953094
Ion Ratio Lower Upper
164 100
129 99.2 67.7 125.7
131 95.1 64.6 120.0
166 127.2 88.1 163.7



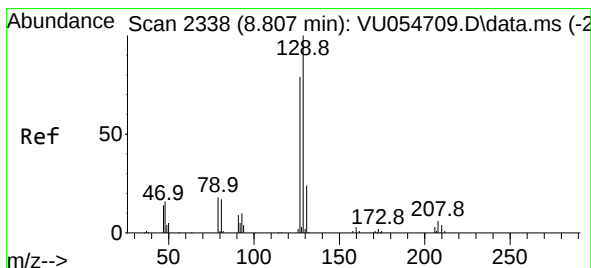
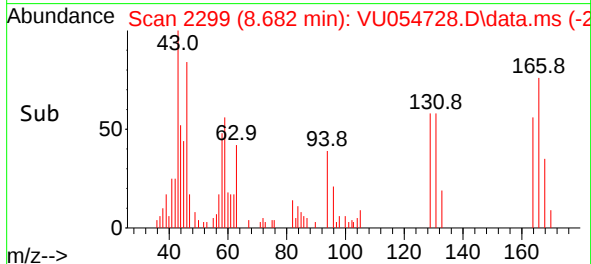
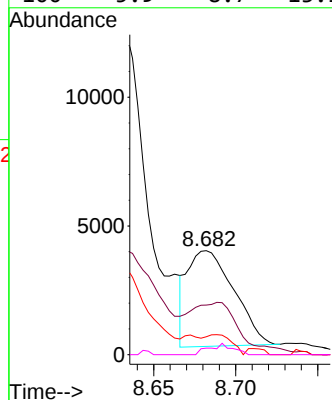


#48
2-Hexanone
Concen: 0.747 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

Instrument :
MSVOA_U
ClientSampleId :
H0FA4

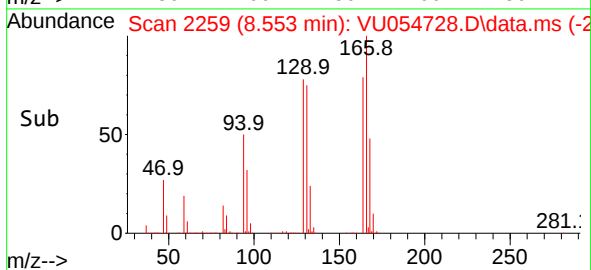
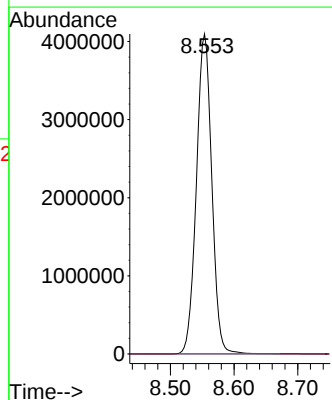
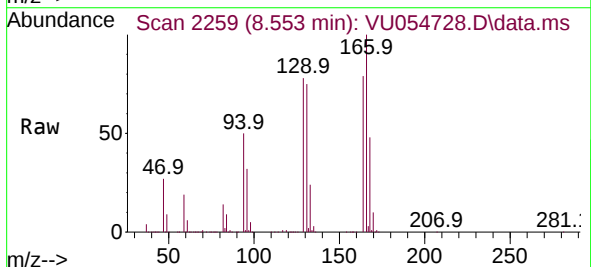


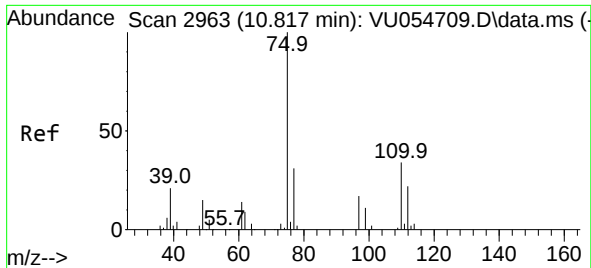
Tgt Ion: 43	Resp: 7294
Ion Ratio	Lower Upper
43 100	
58 60.5	45.2 67.8
57 11.7	15.8 23.6#
100 5.9	8.7 13.1#



#49
Dibromochloromethane
Concen: 417.833 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

Tgt Ion:129	Resp: 6850582		
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.2	98.8#





#61
1,2,3-Trichloropropane
Concen: 1.335 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054728.D
Acq: 30 Jun 2023 17:31

Instrument :
MSVOA_U
ClientSampleId :
H0FA4

Tgt Ion: 75 Resp: 15027
Ion Ratio Lower Upper
75 100
110 2.0 28.0 42.0#
77 30.4 25.4 38.2

