

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056210.D
 Acq On : 11 Nov 2023 12:25
 Operator : MD/SY
 Sample : 05340-04RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:20:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

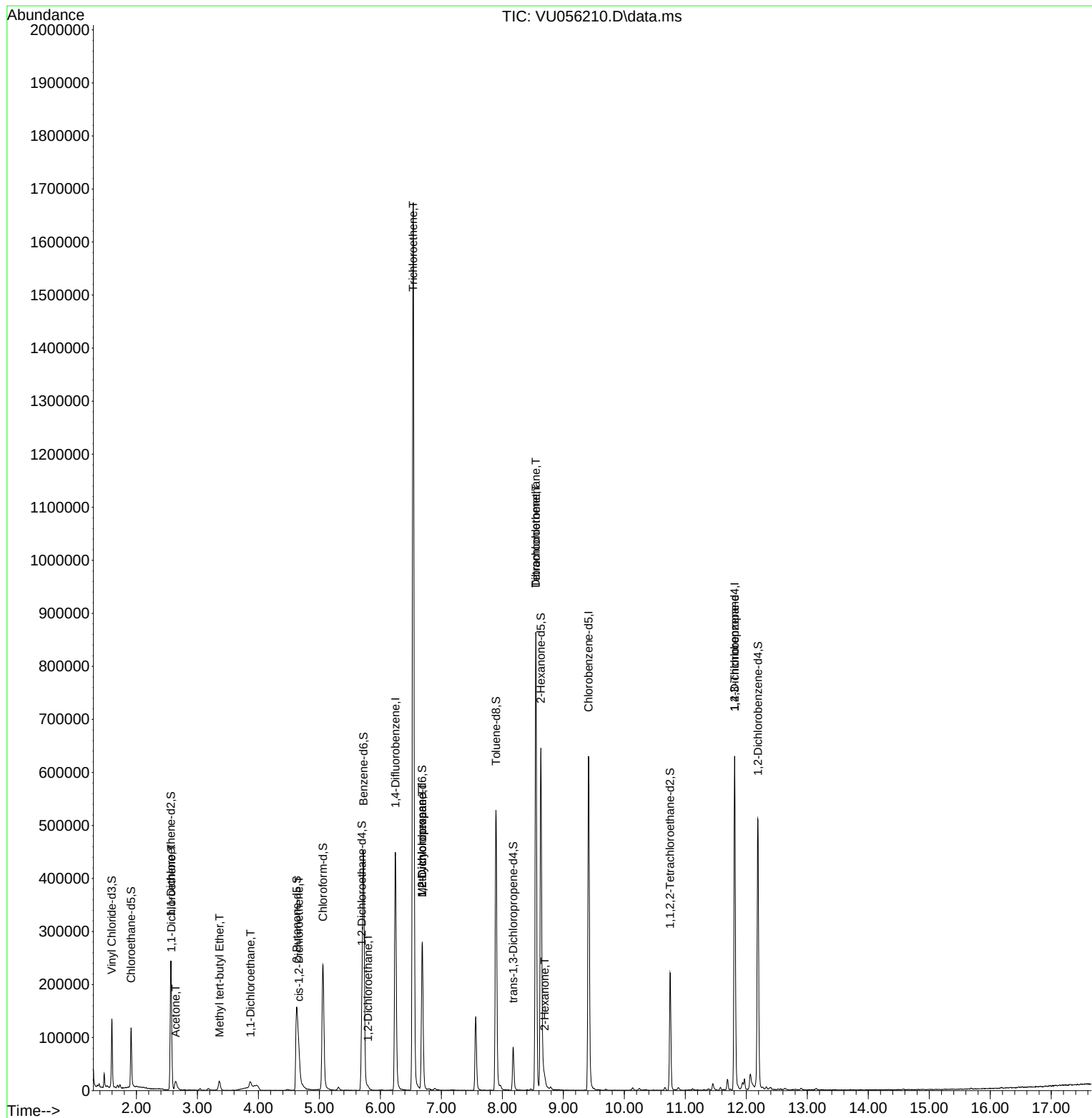
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	385614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	389023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	177083	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94153	3.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.911	69	82454	5.076	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.563	65	43682	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.628	46	277169	70.586	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.180%#
24) Chloroform-d	5.058	84	229197	5.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	106932	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.721	84	447638	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.685	67	142461	5.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.894	98	376166	4.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.177	79	49672	4.725	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.631	63	235025	68.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	136.420%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	111697	5.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	144621	5.296	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	5828	0.235	ug/L #	1
13) Acetone	2.644	43	29424	10.161	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	19588	0.351	ug/L	99
19) 1,1-Dichloroethane	3.869	63	12393	0.259	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	20809	0.734	ug/L	98
27) 1,2-Dichloroethane	5.795	62	3772	0.131	ug/L #	95
34) Trichloroethene	6.538	95	602775	19.811	ug/L	98
35) Methylcyclohexane	6.685	83	34026	0.752	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14821	0.512	ug/L #	87
47) Tetrachloroethene	8.547	164	197680	8.657	ug/L	96
48) 2-Hexanone	8.692	43	13700	1.485	ug/L #	86
49) Dibromochloromethane	8.547	129	192100	8.454	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19696	1.289	ug/L #	69

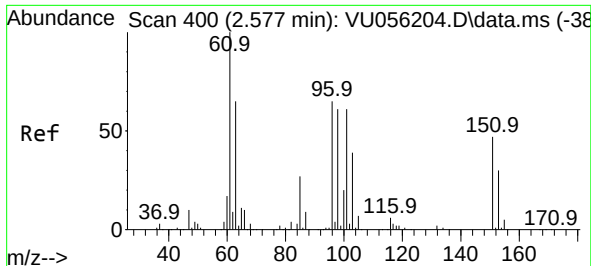
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#12

1,1-Dichloroethene

Concen: 0.235 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU056210.D

Acq: 11 Nov 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

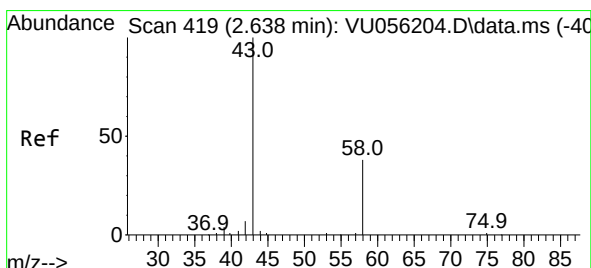
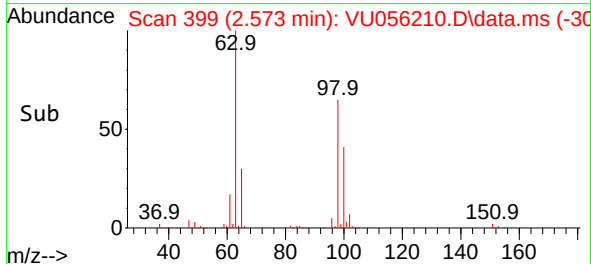
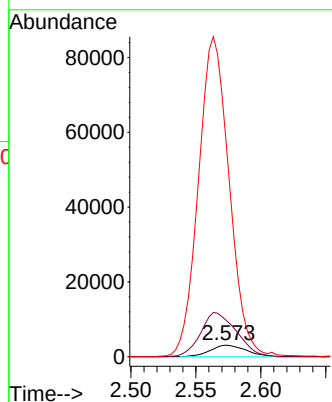
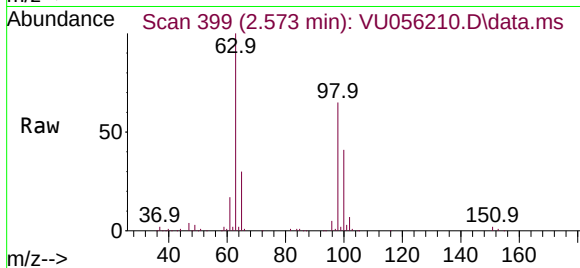
Tgt Ion: 96 Resp: 5828

Ion Ratio Lower Upper

96 100

61 320.5 111.7 207.5#

63 1906.3 74.5 138.3#



#13

Acetone

Concen: 10.161 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.006 min

Lab File: VU056210.D

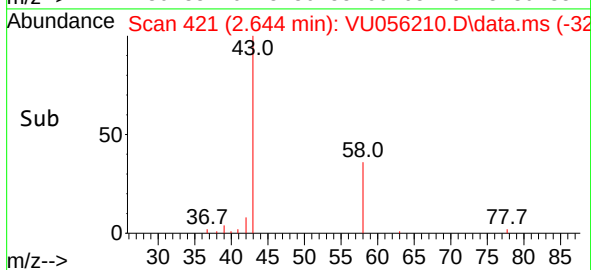
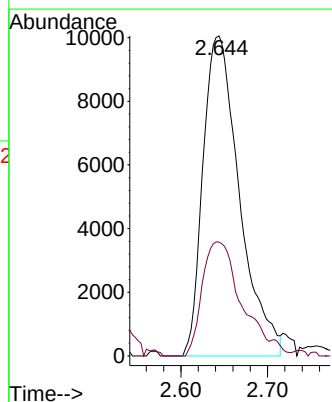
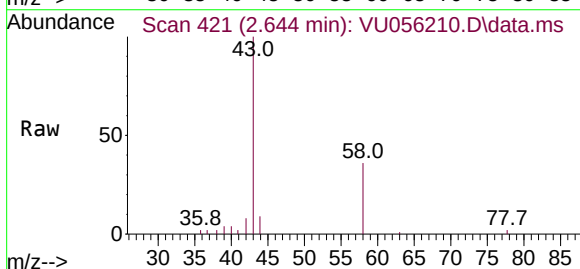
Acq: 11 Nov 2023 12:25

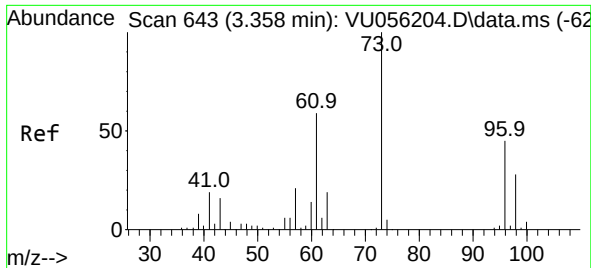
Tgt Ion: 43 Resp: 29424

Ion Ratio Lower Upper

43 100

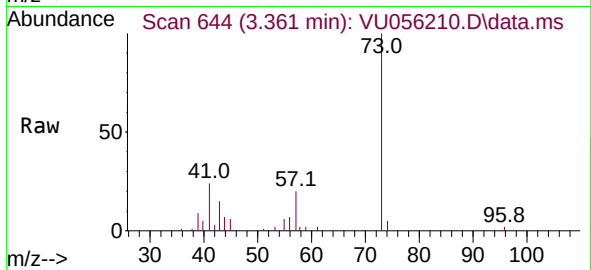
58 37.4 0.0 74.4



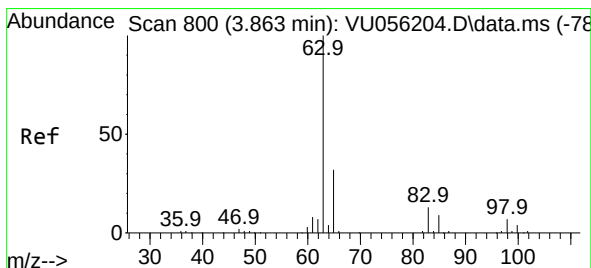
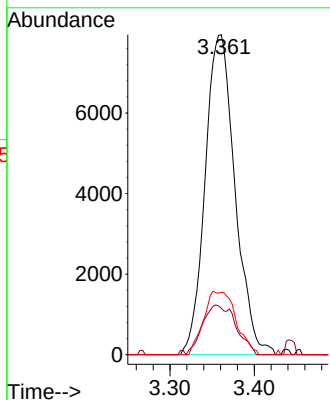
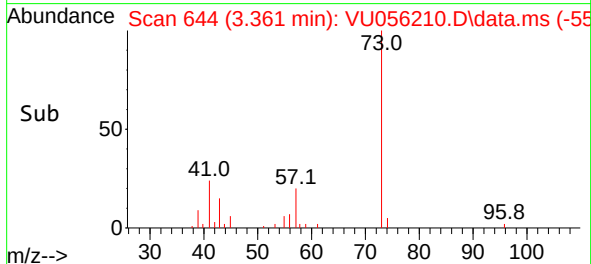


#17
Methyl tert-butyl Ether
Concen: 0.351 ug/L
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU056210.D
Acq: 11 Nov 2023 12:25

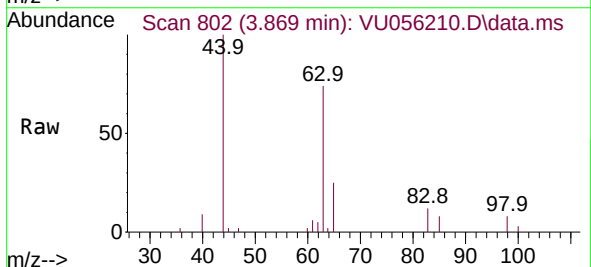
Instrument :
MSVOA_U
ClientSampleId :



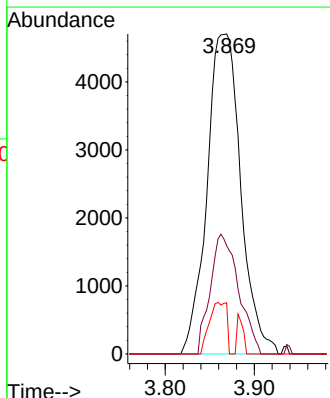
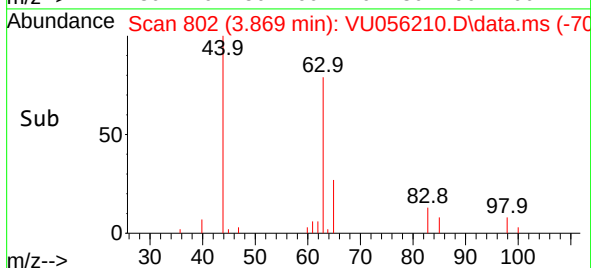
Tgt Ion: 73	Resp: 19588
Ion Ratio	Lower Upper
73 100	
43 17.4	13.6 20.4
57 21.3	17.3 25.9

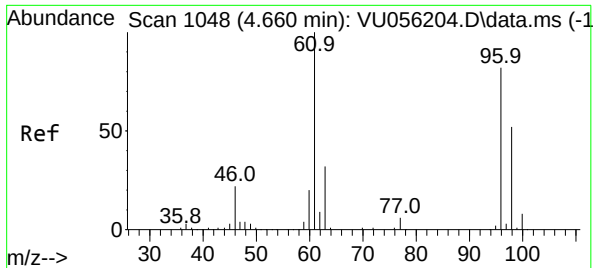


#19
1,1-Dichloroethane
Concen: 0.259 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU056210.D
Acq: 11 Nov 2023 12:25



Tgt Ion: 63	Resp: 12393
Ion Ratio	Lower Upper
63 100	
65 32.9	20.6 38.2
83 15.6	9.6 17.8

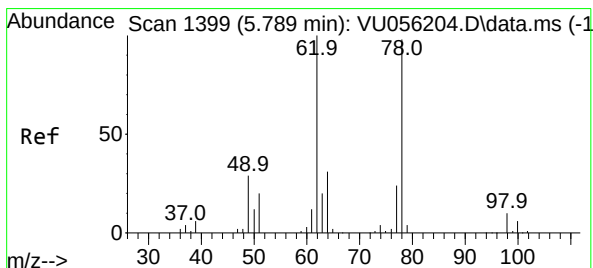
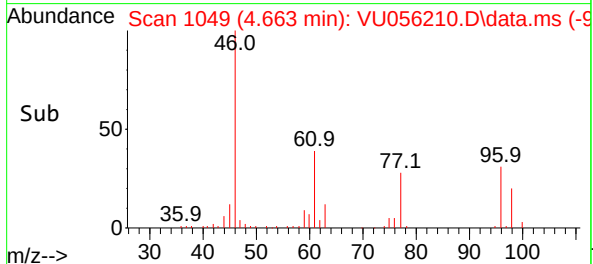
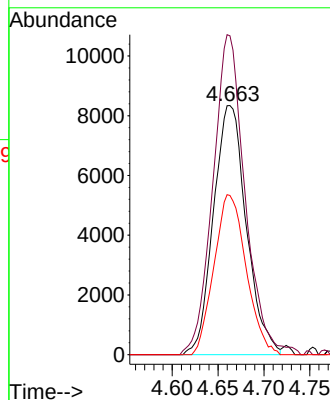
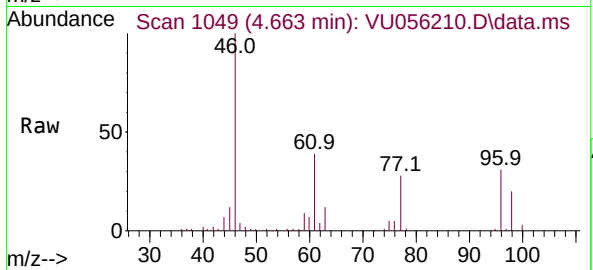




#22
 cis-1,2-Dichloroethene
 Concen: 0.734 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056210.D
 Acq: 11 Nov 2023 12:25

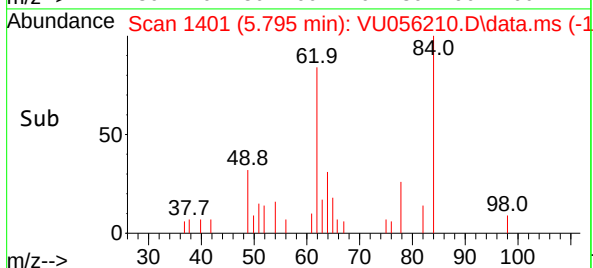
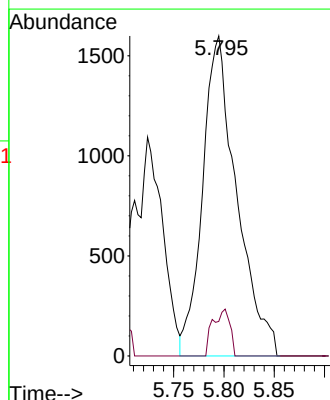
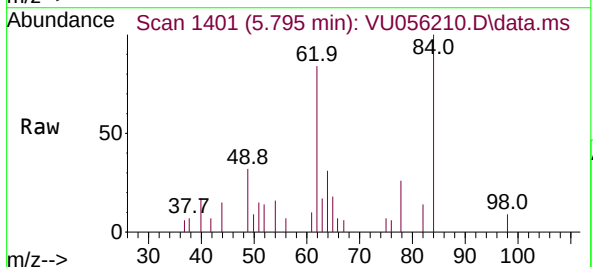
Instrument :
 MSVOA_U
 ClientSampleId :

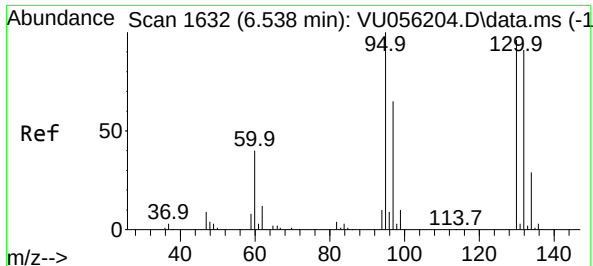
Tgt Ion: 96 Resp: 20809
 Ion Ratio Lower Upper
 96 100
 61 128.0 87.8 163.2
 98 63.9 43.5 80.7



#27
 1,2-Dichloroethane
 Concen: 0.131 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.006 min
 Lab File: VU056210.D
 Acq: 11 Nov 2023 12:25

Tgt Ion: 62 Resp: 3772
 Ion Ratio Lower Upper
 62 100
 98 10.8 7.1 10.7#





#34

Trichloroethene

Concen: 19.811 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056210.D

Acq: 11 Nov 2023 12:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 602775

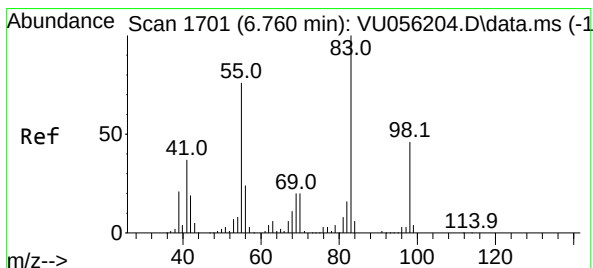
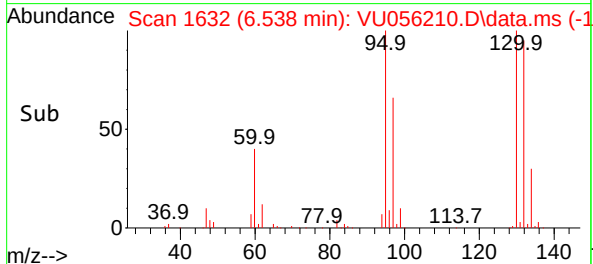
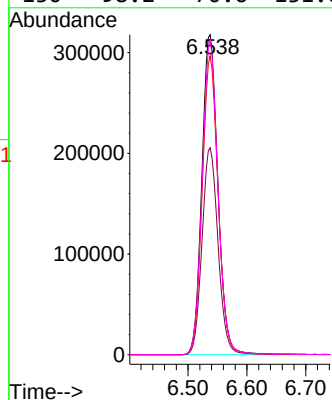
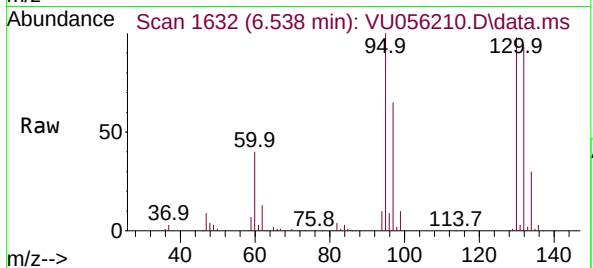
Ion Ratio Lower Upper

95 100

97 64.6 46.8 87.0

132 93.4 66.5 123.5

130 98.2 70.6 131.0



#35

Methylcyclohexane

Concen: 0.752 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056210.D

Acq: 11 Nov 2023 12:25

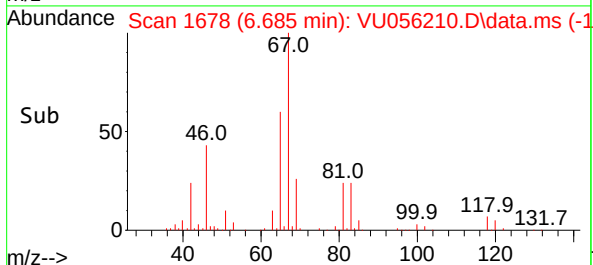
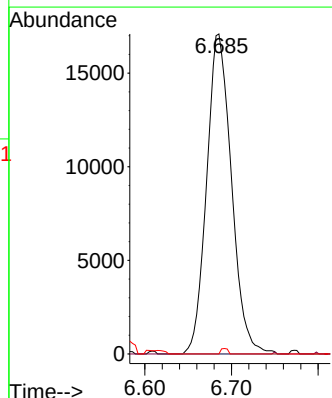
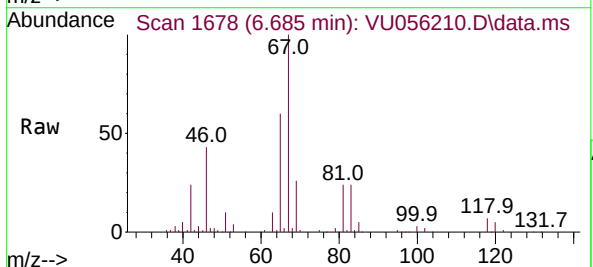
Tgt Ion: 83 Resp: 34026

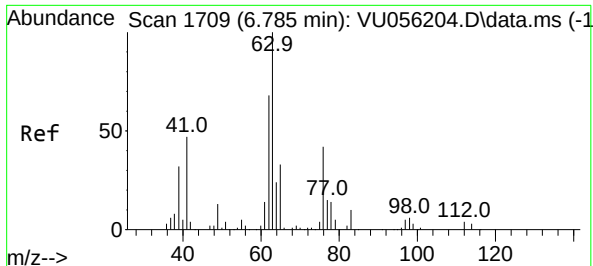
Ion Ratio Lower Upper

83 100

55 0.1 60.6 91.0#

98 0.0 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056210.D

Acq: 11 Nov 2023 12:25

Instrument :

MSVOA_U

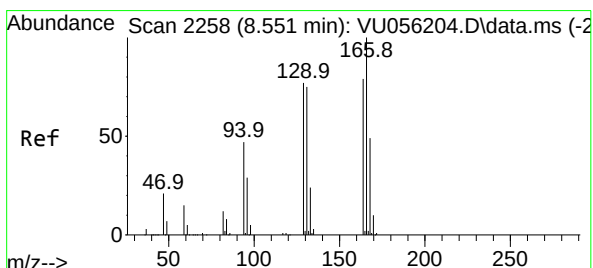
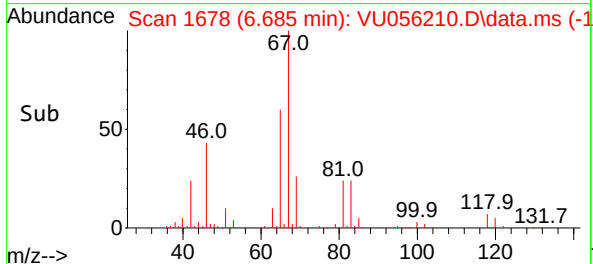
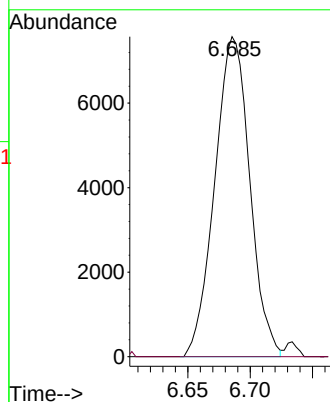
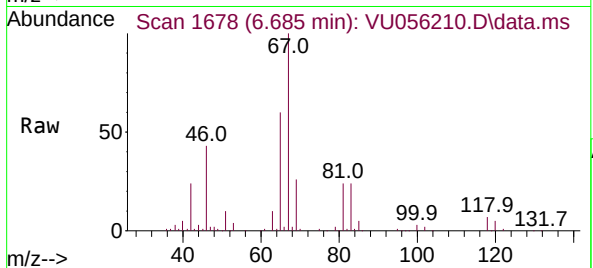
ClientSampleId :

Tgt Ion: 63 Resp: 14821

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



#47

Tetrachloroethene

Concen: 8.657 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056210.D

Acq: 11 Nov 2023 12:25

Tgt Ion:164 Resp: 197680

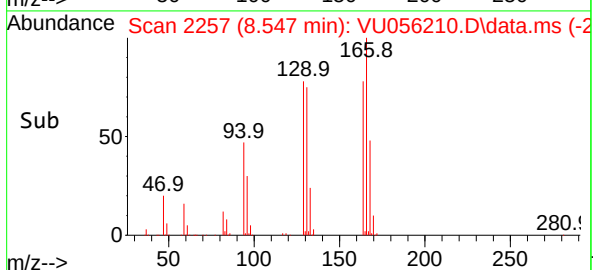
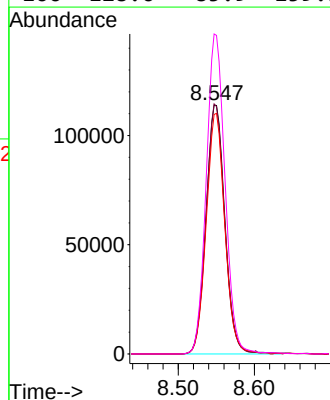
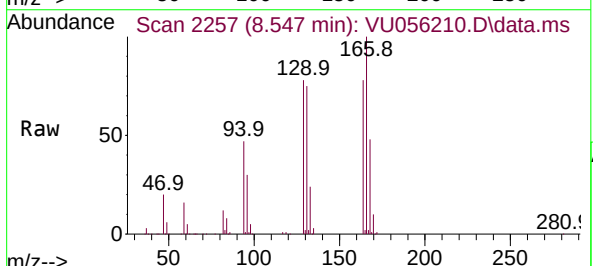
Ion Ratio Lower Upper

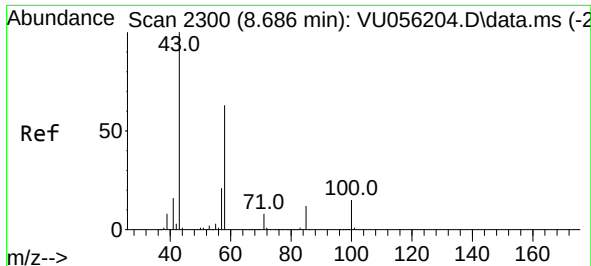
164 100

129 100.5 66.6 123.8

131 96.3 67.8 126.0

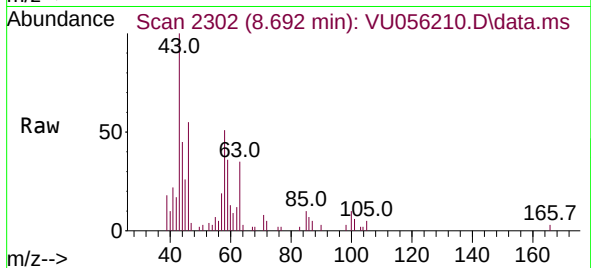
166 128.6 85.9 159.5



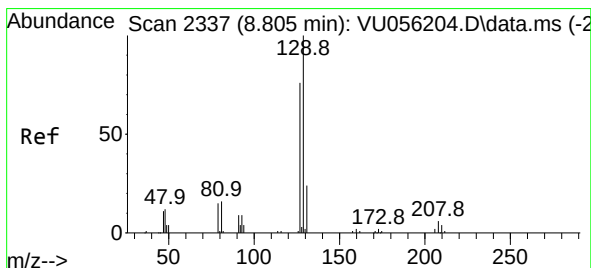
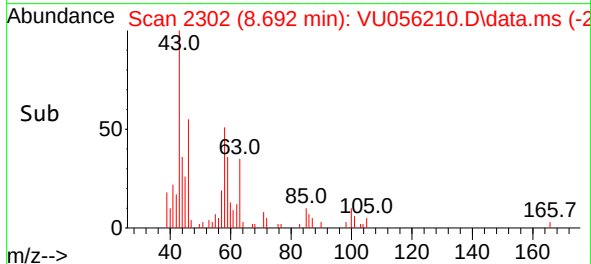
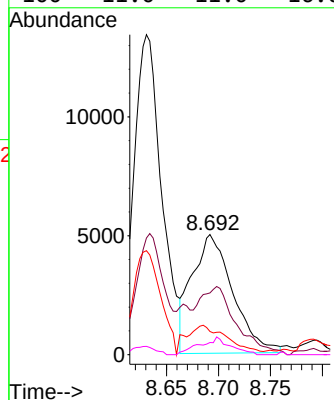


#48
2-Hexanone
Concen: 1.485 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056210.D
Acq: 11 Nov 2023 12:25

Instrument :
MSVOA_U
ClientSampleId :

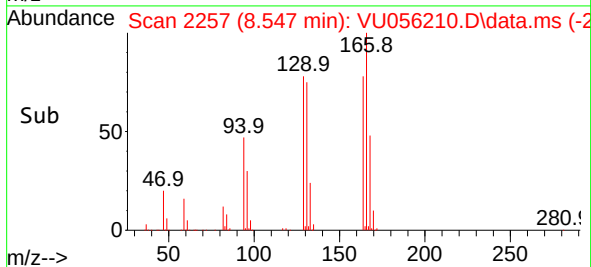
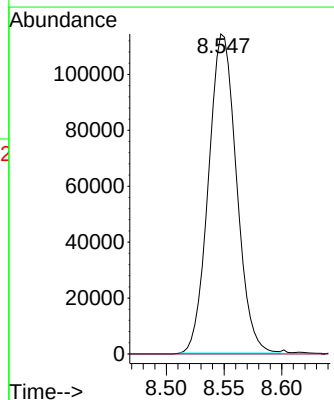
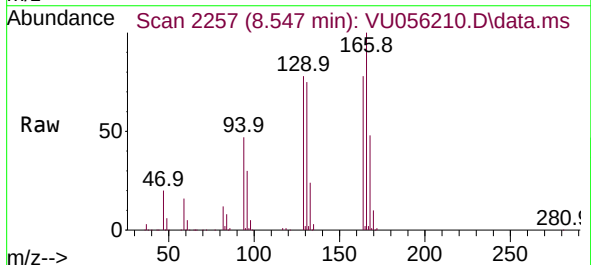


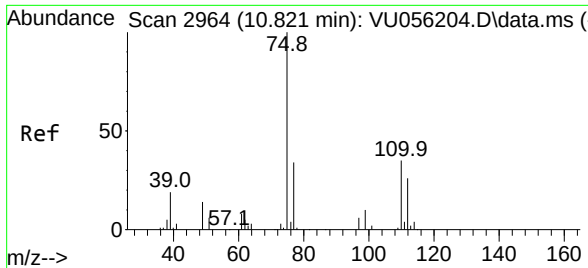
Tgt Ion: 43 Resp: 13700
Ion Ratio Lower Upper
43 100
58 51.0 52.0 78.0#
57 25.2 17.4 26.2
100 11.0 11.0 16.6#



#49
Dibromochloromethane
Concen: 8.454 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056210.D
Acq: 11 Nov 2023 12:25

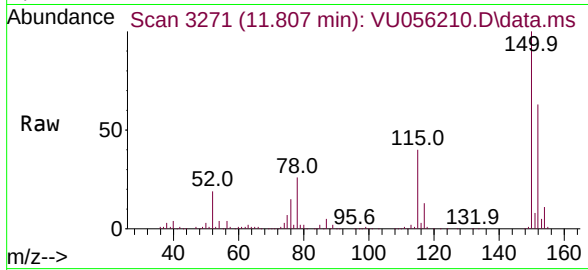
Tgt Ion:129 Resp: 192100
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.289 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056210.D
 Acq: 11 Nov 2023 12:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19696

Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.7	44.5#
77	31.4	25.5	38.3

