

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056170.D
 Acq On : 10 Nov 2023 14:29
 Operator : MD/SY
 Sample : 05340-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 10 22:21:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

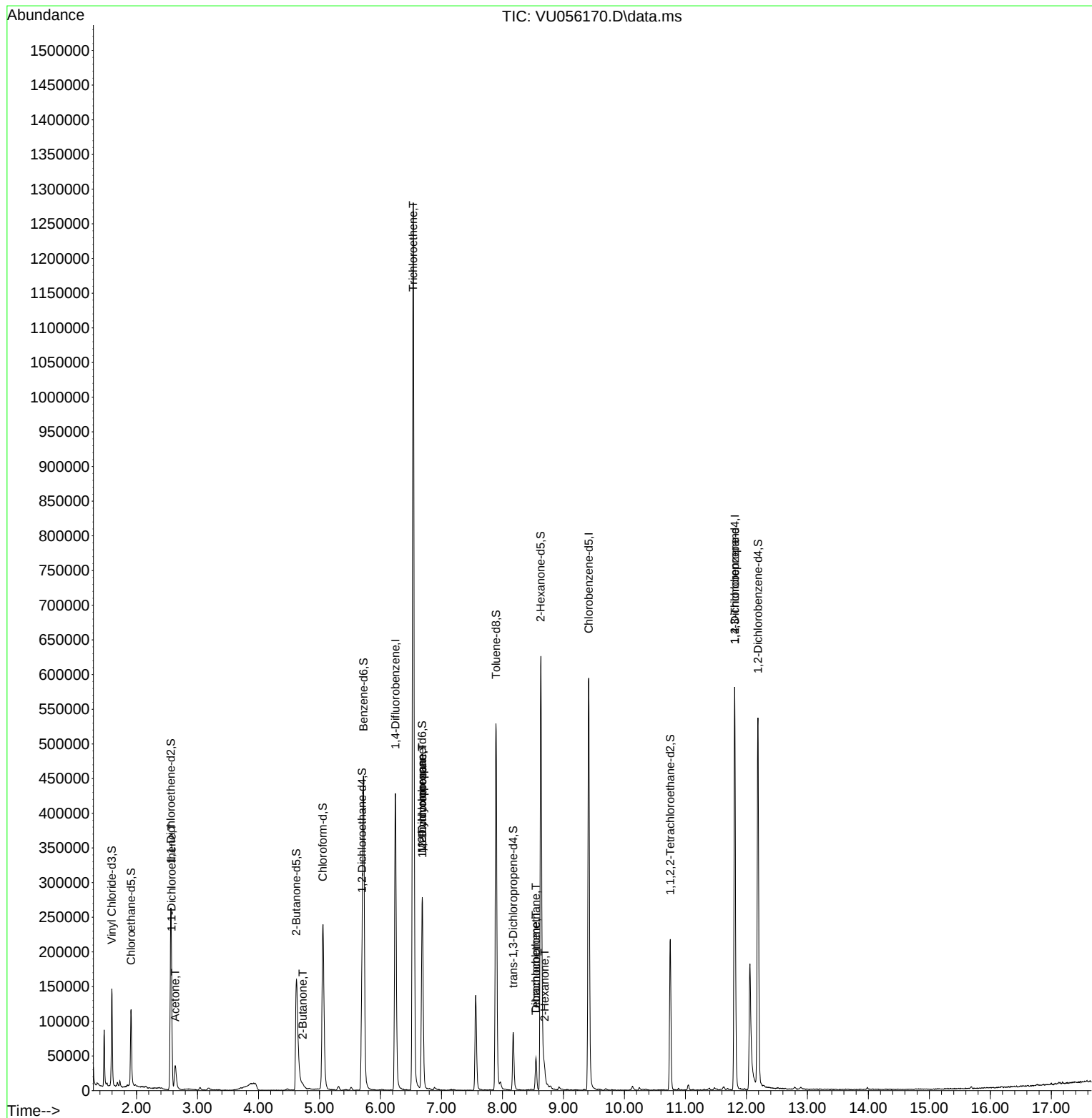
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	361735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	365606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	167673	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99618	4.437	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.911	69	83320	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.563	65	47226	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.621	46	263249	71.467	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	142.940%#
24) Chloroform-d	5.055	84	226536	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.698	65	109673	5.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.600%
32) Benzene-d6	5.721	84	450555	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.685	67	141471	5.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.894	98	381002	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	50465	5.108	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.627	63	224203	69.233	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.460%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109362	5.928	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	148036	5.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	15202	0.654	ug/L #	1
13) Acetone	2.634	43	52265	19.239	ug/L	99
21) 2-Butanone	4.724	43	8372	1.869	ug/L	86
34) Trichloroethene	6.537	95	465363	16.274	ug/L	97
35) Methylcyclohexane	6.685	83	34258	0.806	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	14486	0.532	ug/L #	88
47) Tetrachloroethene	8.547	164	10206	0.476	ug/L	97
48) 2-Hexanone	8.692	43	14485	1.671	ug/L #	80
49) Dibromochloromethane	8.550	129	10598	0.496	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	19101	1.320	ug/L #	67

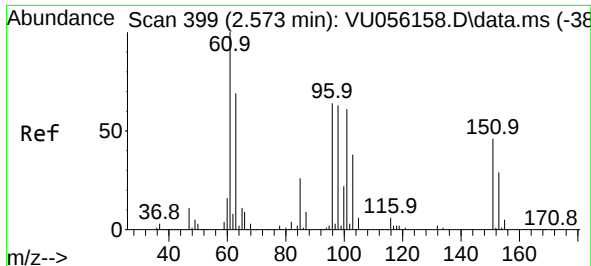
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 10 22:17:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.654 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU056170.D

Acq: 10 Nov 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

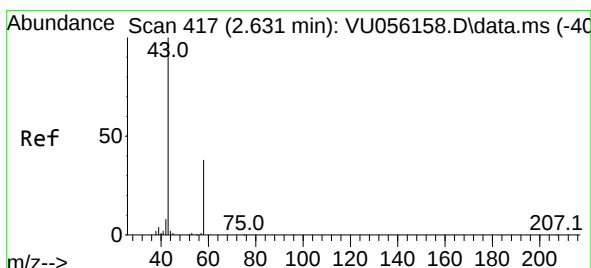
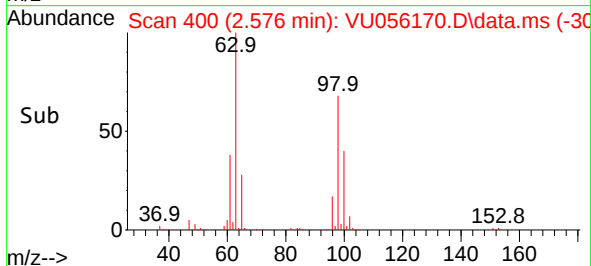
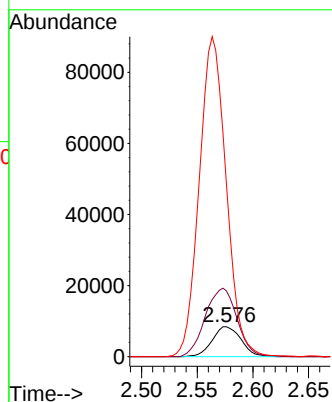
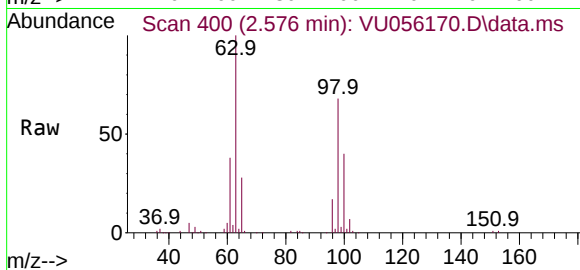
Tgt Ion: 96 Resp: 15202

Ion Ratio Lower Upper

96 100

61 219.6 111.7 207.5#

63 575.7 74.5 138.3#



#13

Acetone

Concen: 19.239 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.003 min

Lab File: VU056170.D

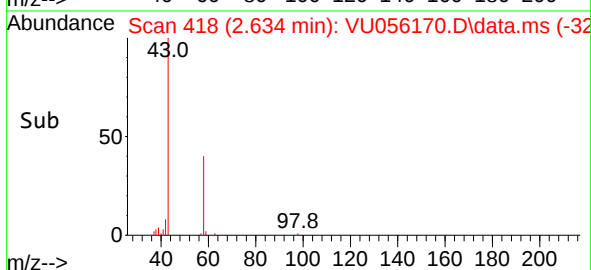
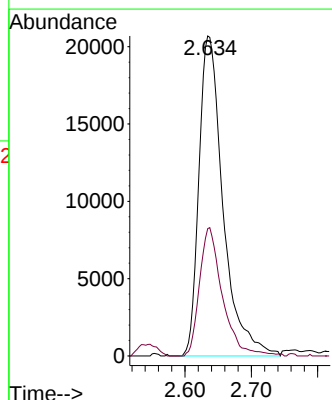
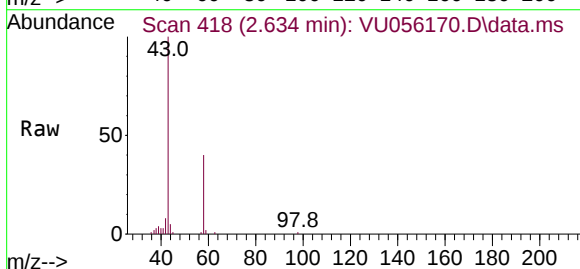
Acq: 10 Nov 2023 14:29

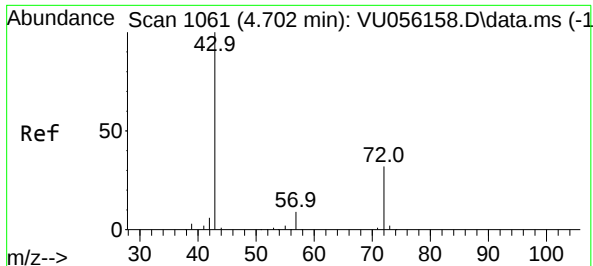
Tgt Ion: 43 Resp: 52265

Ion Ratio Lower Upper

43 100

58 38.0 0.0 74.4





#21

2-Butanone

Concen: 1.869 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.022 min

Lab File: VU056170.D

Acq: 10 Nov 2023 14:29

Instrument :

MSVOA_U

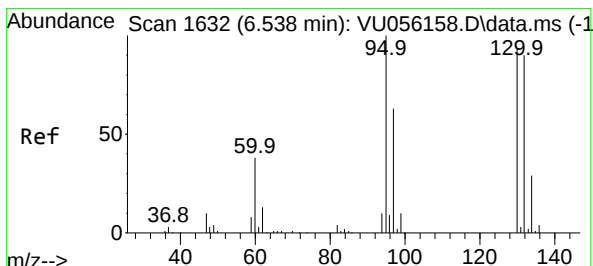
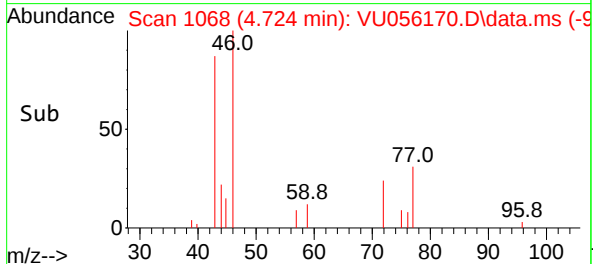
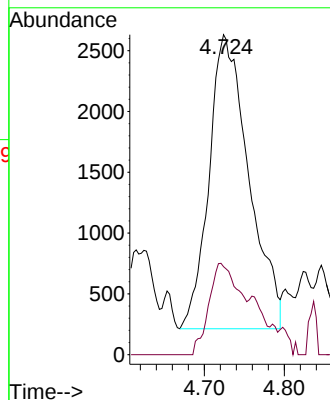
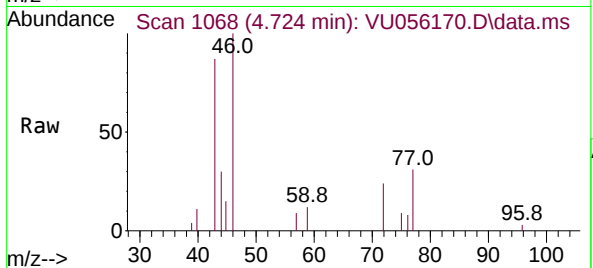
ClientSampleId :

Tgt Ion: 43 Resp: 8372

Ion Ratio Lower Upper

43 100

72 23.6 15.7 47.0



#34

Trichloroethene

Concen: 16.274 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056170.D

Acq: 10 Nov 2023 14:29

Tgt Ion: 95 Resp: 465363

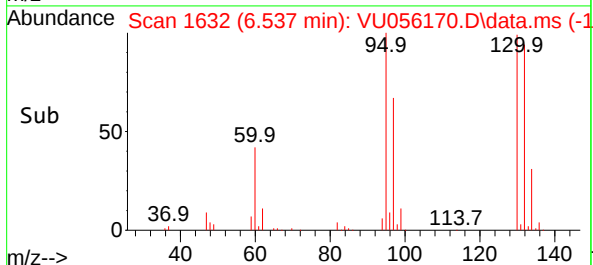
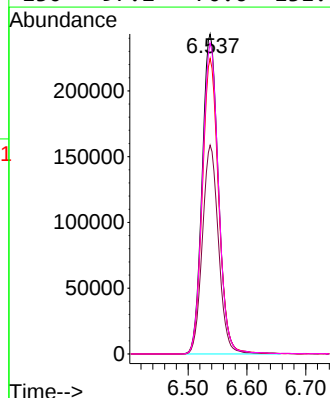
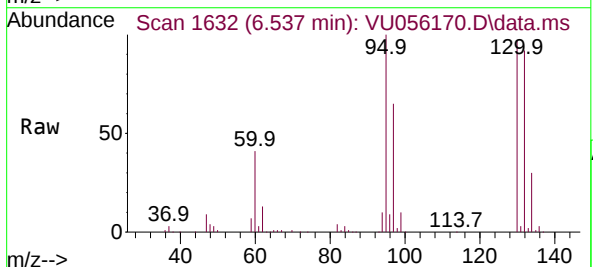
Ion Ratio Lower Upper

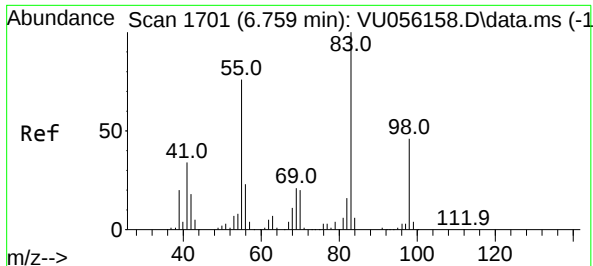
95 100

97 65.3 46.8 87.0

132 92.3 66.5 123.5

130 97.2 70.6 131.0





#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056170.D

Acq: 10 Nov 2023 14:29

Instrument :

MSVOA_U

ClientSampleId :

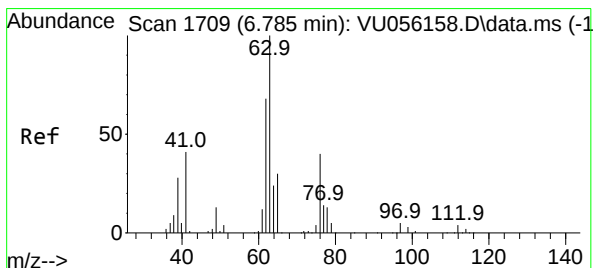
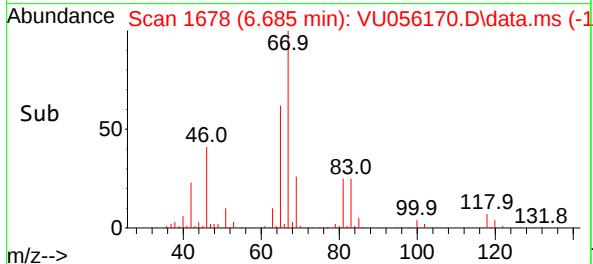
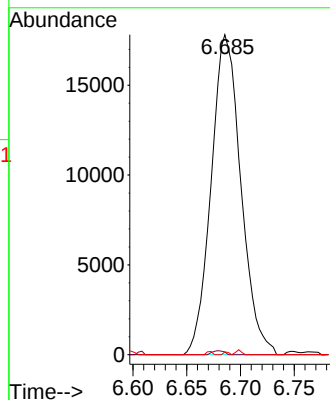
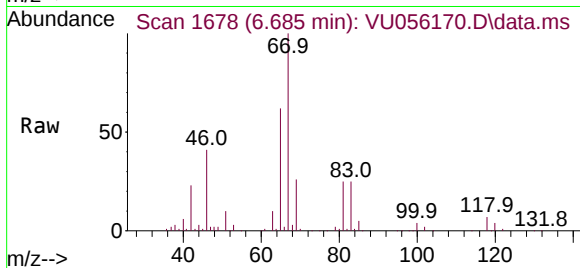
Tgt Ion: 83 Resp: 34258

Ion Ratio Lower Upper

83 100

55 0.5 60.6 91.0#

98 0.0 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.097 min

Lab File: VU056170.D

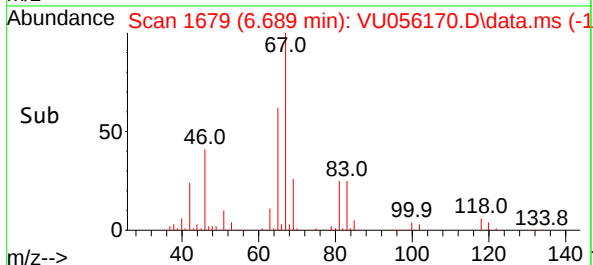
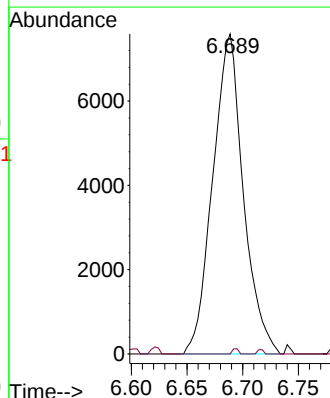
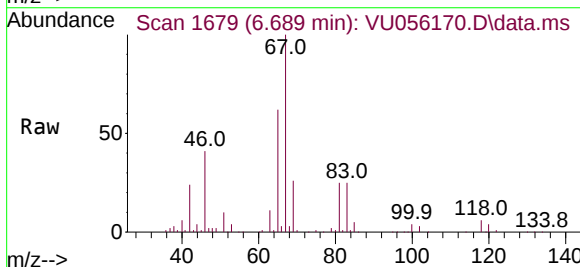
Acq: 10 Nov 2023 14:29

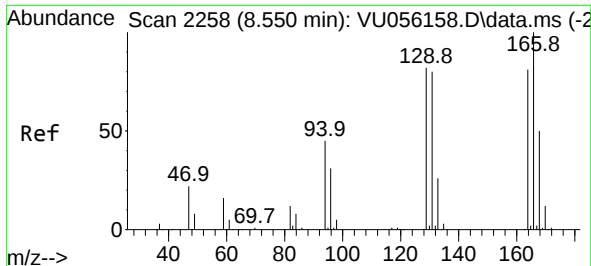
Tgt Ion: 63 Resp: 14486

Ion Ratio Lower Upper

63 100

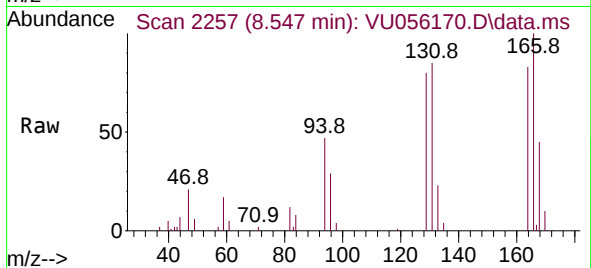
112 0.3 3.4 5.2#



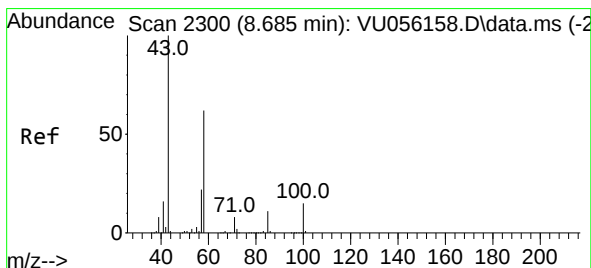
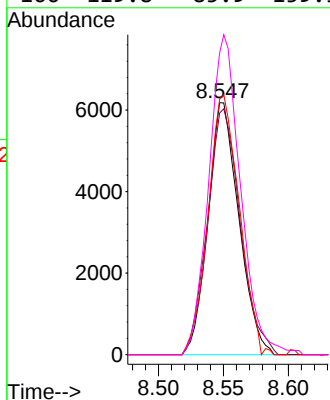
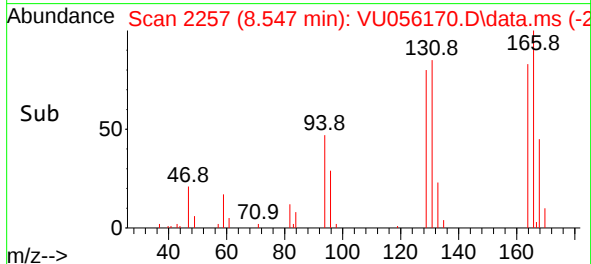


#47
Tetrachloroethene
Concen: 0.476 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056170.D
Acq: 10 Nov 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :

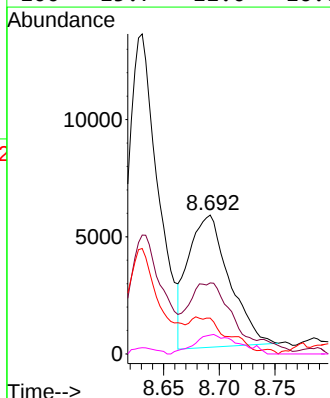
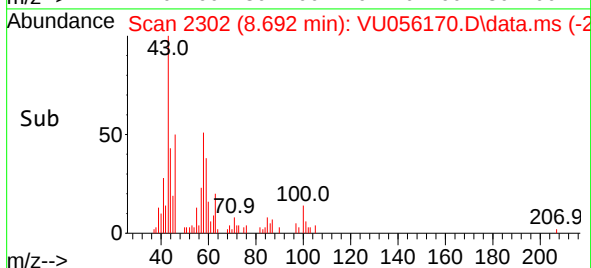
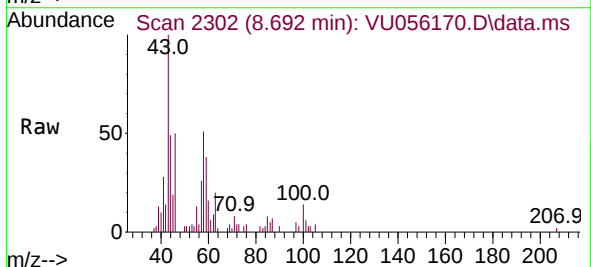


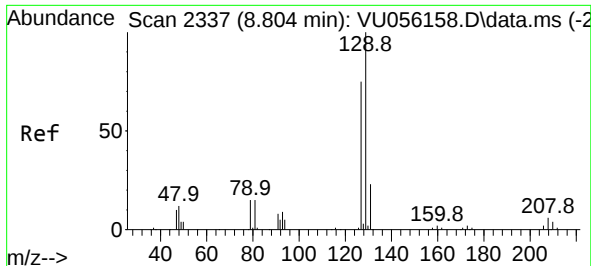
Tgt Ion:164	Resp:	10206	
Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.6	123.8
131	101.4	67.8	126.0
166	119.8	85.9	159.5



#48
2-Hexanone
Concen: 1.671 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VU056170.D
Acq: 10 Nov 2023 14:29

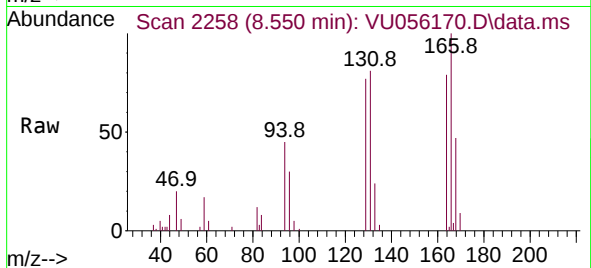
Tgt Ion: 43	Resp: 14485
Ion Ratio	Lower Upper
43 100	
58 43.0	52.0 78.0#
57 25.6	17.4 26.2
100 15.7	11.0 16.6



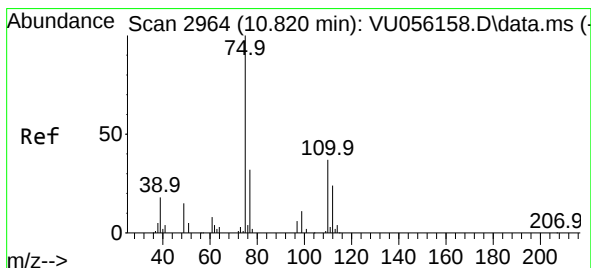
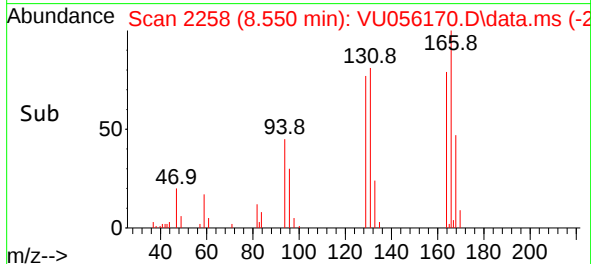
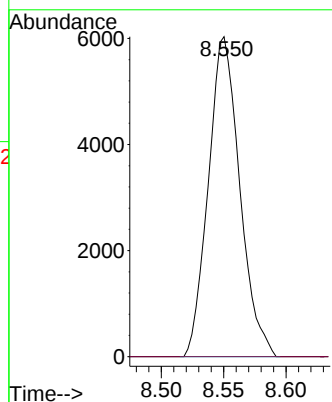


#49
Dibromochloromethane
Concen: 0.496 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056170.D
Acq: 10 Nov 2023 14:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 10598
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.320 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056170.D
Acq: 10 Nov 2023 14:29

Tgt Ion: 75 Resp: 19101
Ion Ratio Lower Upper
75 100
110 2.0 29.7 44.5#
77 30.8 25.5 38.3

