

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056174.D
 Acq On : 10 Nov 2023 16:07
 Operator : MD/SY
 Sample : 05340-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 10 22:22:20 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)

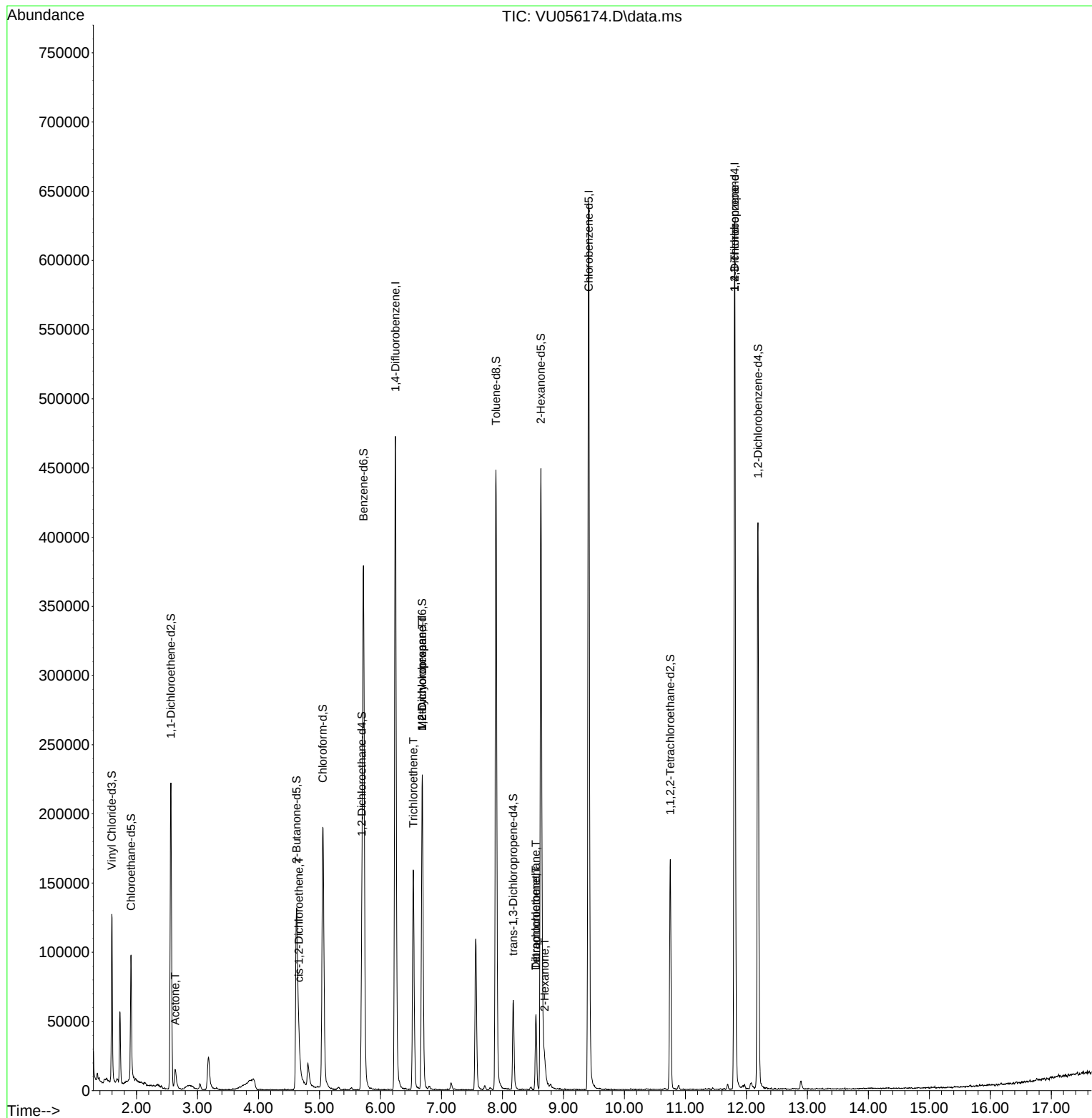
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	395458	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	393213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	177226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89123	3.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	65407	3.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.563	65	40438	3.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.624	46	189593	47.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	5.055	84	186914	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.695	65	86565	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.721	84	377315	3.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.685	67	113573	4.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.894	98	319730	3.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	40115	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.631	63	157613	45.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83716	4.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	116463	4.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
13) Acetone	2.634	43	20737	6.983	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	4767	0.164	ug/L	84
34) Trichloroethene	6.541	95	57252	1.862	ug/L	98
35) Methylcyclohexane	6.685	83	26554	0.581	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11579	0.395	ug/L #	88
47) Tetrachloroethene	8.550	164	12614	0.546	ug/L	89
48) 2-Hexanone	8.692	43	9480	1.017	ug/L #	94
49) Dibromochloromethane	8.550	129	12121	0.528	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	19470	1.273	ug/L #	67

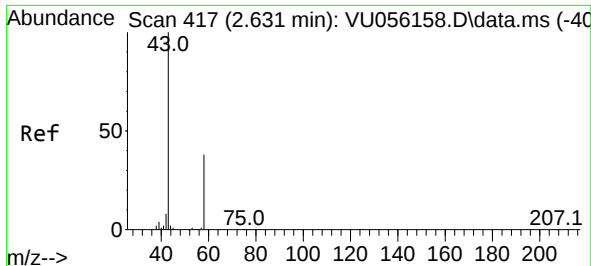
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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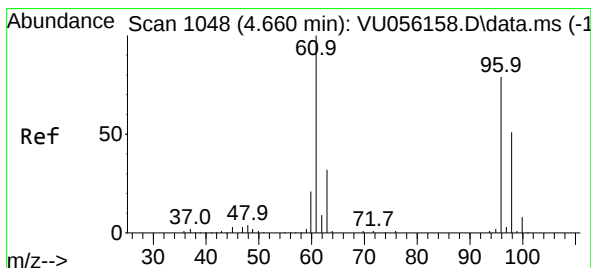
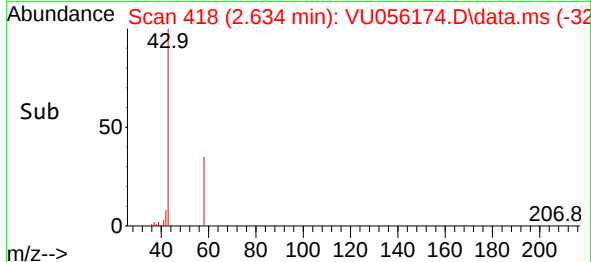
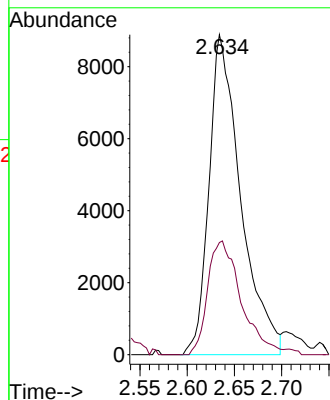
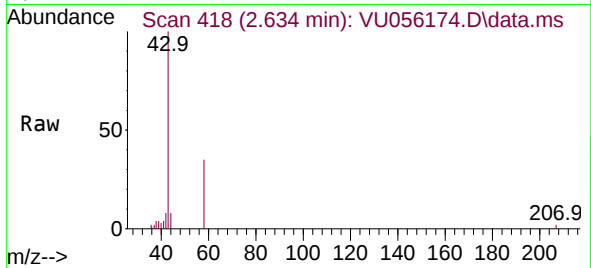




#13
Acetone
Concen: 6.983 ug/L
RT: 2.634 min Scan# 417
Delta R.T. 0.003 min
Lab File: VU056174.D
Acq: 10 Nov 2023 16:07

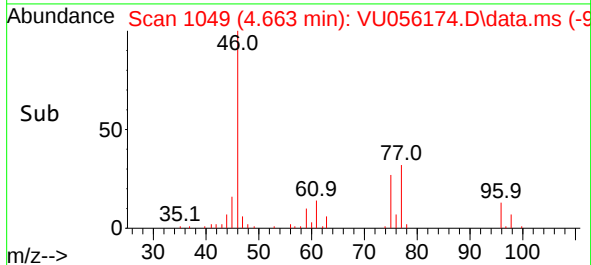
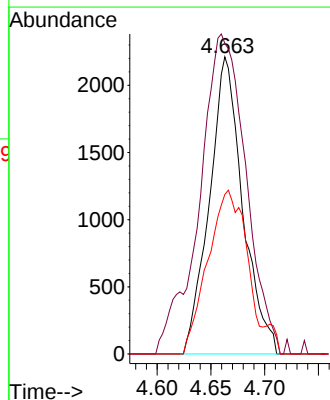
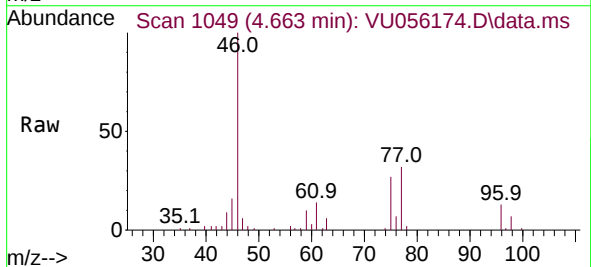
Instrument :
MSVOA_U
ClientSampleId :

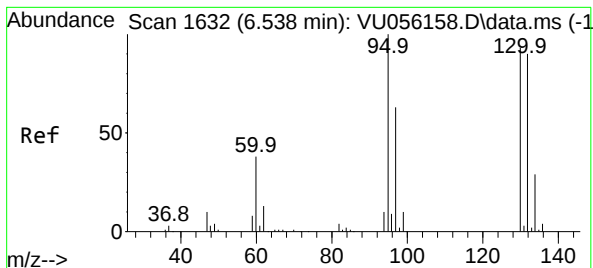
Tgt Ion: 43 Resp: 20737
Ion Ratio Lower Upper
43 100
58 37.4 0.0 74.4



#22
cis-1,2-Dichloroethene
Concen: 0.164 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056174.D
Acq: 10 Nov 2023 16:07

Tgt Ion: 96 Resp: 4767
Ion Ratio Lower Upper
96 100
61 104.5 87.8 163.2
98 53.7 43.5 80.7





#34

Trichloroethene

Concen: 1.862 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056174.D

Acq: 10 Nov 2023 16:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 57252

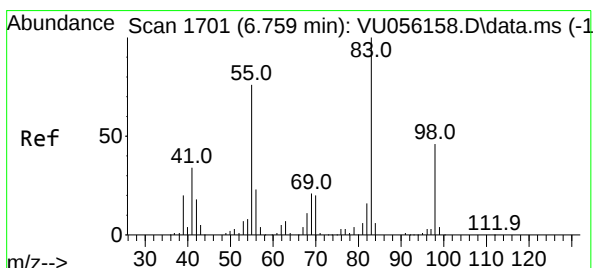
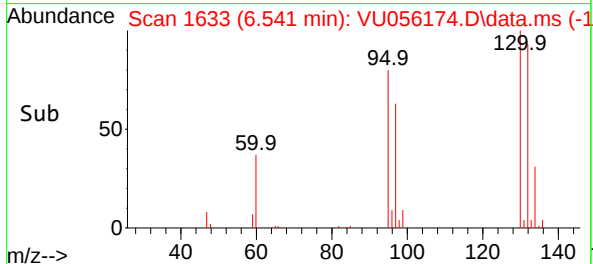
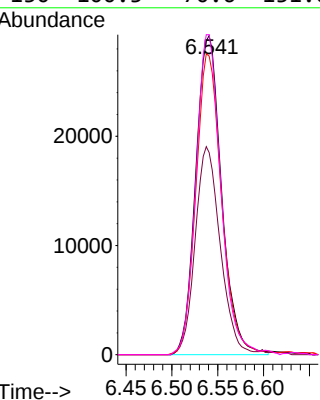
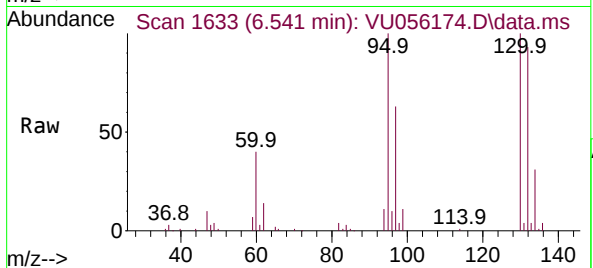
Ion Ratio Lower Upper

95 100

97 63.4 46.8 87.0

132 93.6 66.5 123.5

130 100.3 70.6 131.0



#35

Methylcyclohexane

Concen: 0.581 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056174.D

Acq: 10 Nov 2023 16:07

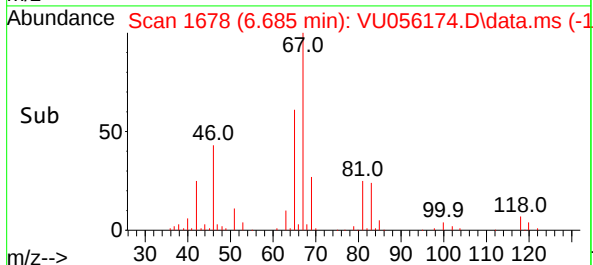
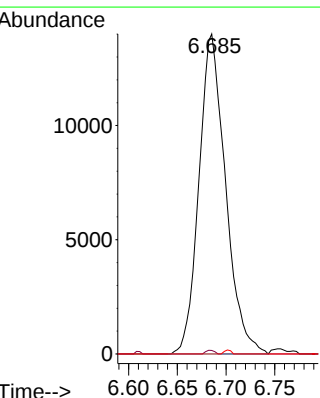
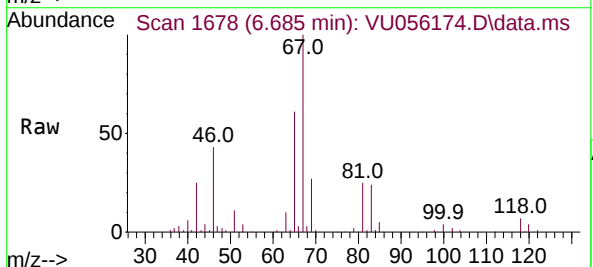
Tgt Ion: 83 Resp: 26554

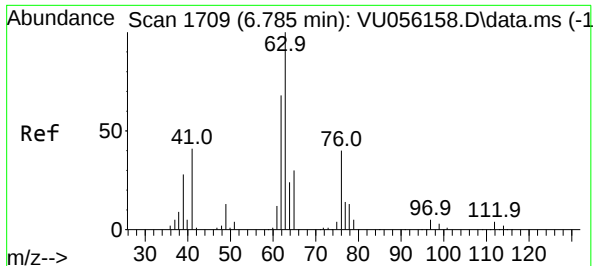
Ion Ratio Lower Upper

83 100

55 0.4 60.6 91.0#

98 0.0 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.395 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056174.D

Acq: 10 Nov 2023 16:07

Instrument :

MSVOA_U

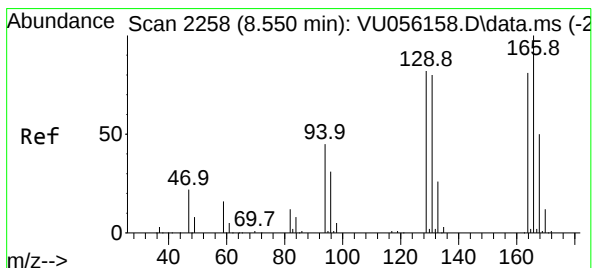
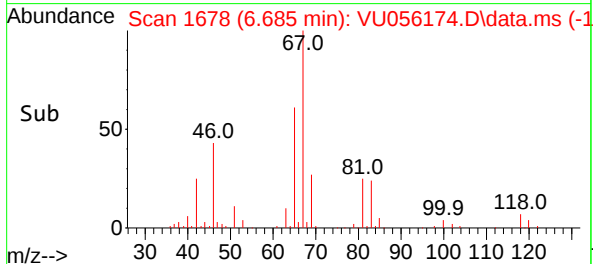
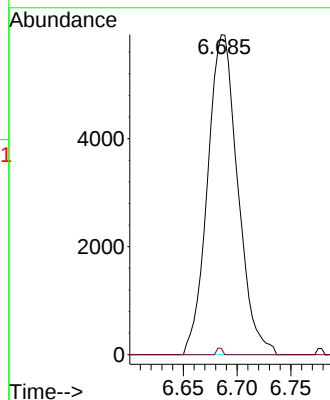
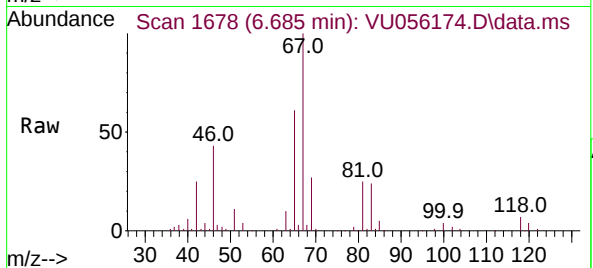
ClientSampleId :

Tgt Ion: 63 Resp: 11579

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.2#



#47

Tetrachloroethene

Concen: 0.546 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056174.D

Acq: 10 Nov 2023 16:07

Tgt Ion:164 Resp: 12614

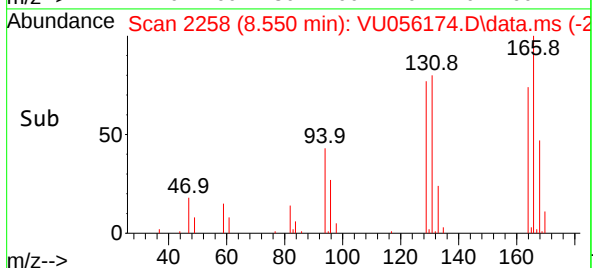
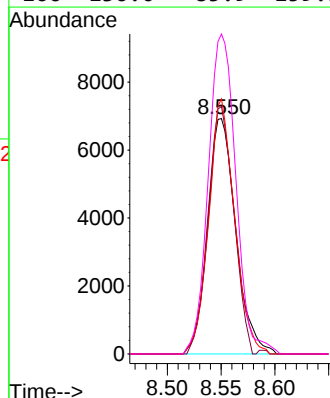
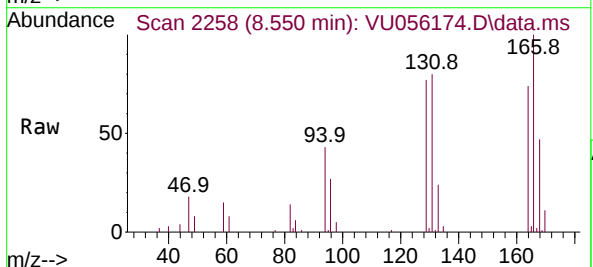
Ion Ratio Lower Upper

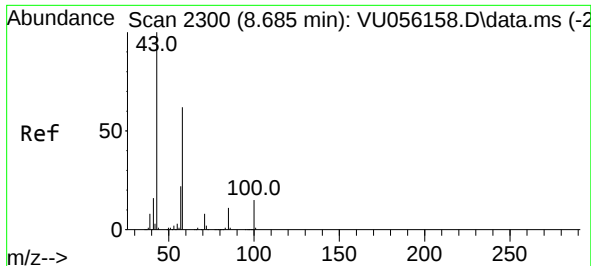
164 100

129 105.2 66.6 123.8

131 108.4 67.8 126.0

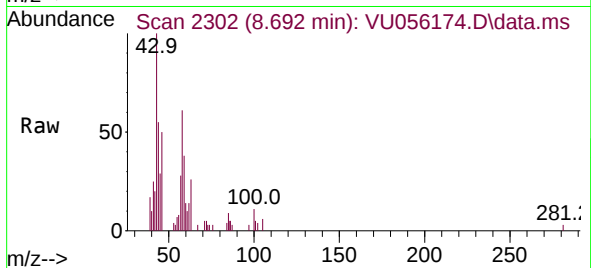
166 136.0 85.9 159.5



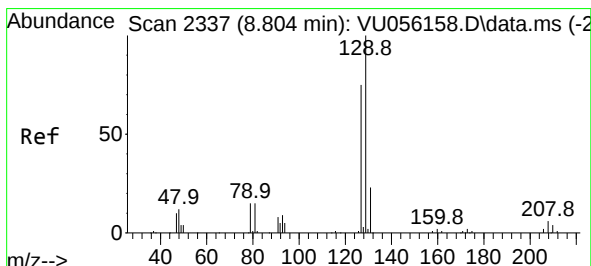
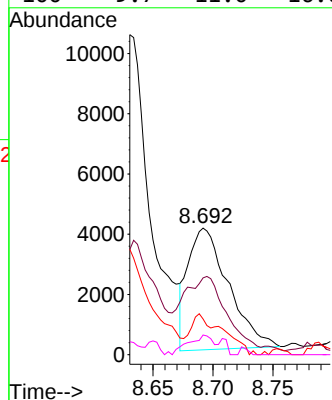
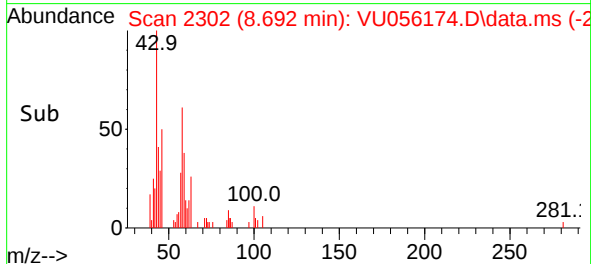


#48
2-Hexanone
Concen: 1.017 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056174.D
Acq: 10 Nov 2023 16:07

Instrument :
MSVOA_U
ClientSampleId :

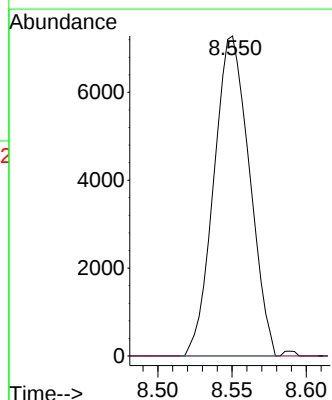
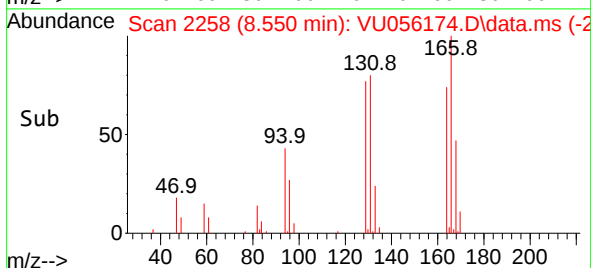
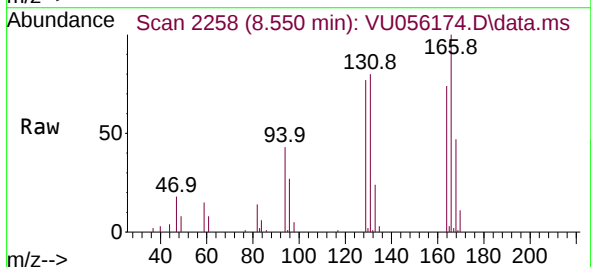


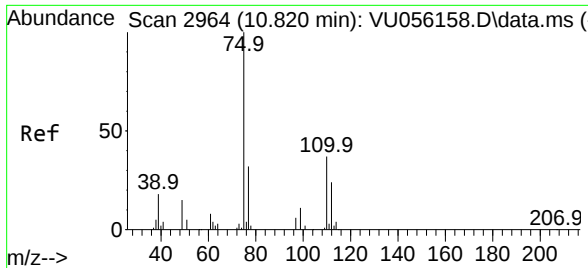
Tgt Ion: 43 Resp: 9480
Ion Ratio Lower Upper
43 100
58 62.2 52.0 78.0
57 26.8 17.4 26.2#
100 9.7 11.0 16.6#



#49
Dibromochloromethane
Concen: 0.528 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056174.D
Acq: 10 Nov 2023 16:07

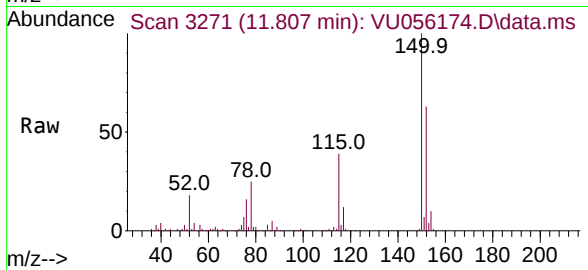
Tgt Ion: 129 Resp: 12121
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
1,2,3-Trichloropropane
Concen: 1.273 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU056174.D
Acq: 10 Nov 2023 16:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.0	29.7	44.5#
77	33.6	25.5	38.3

