

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056286.D
 Acq On : 14 Nov 2023 06:10
 Operator : MD/SY
 Sample : 05372-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

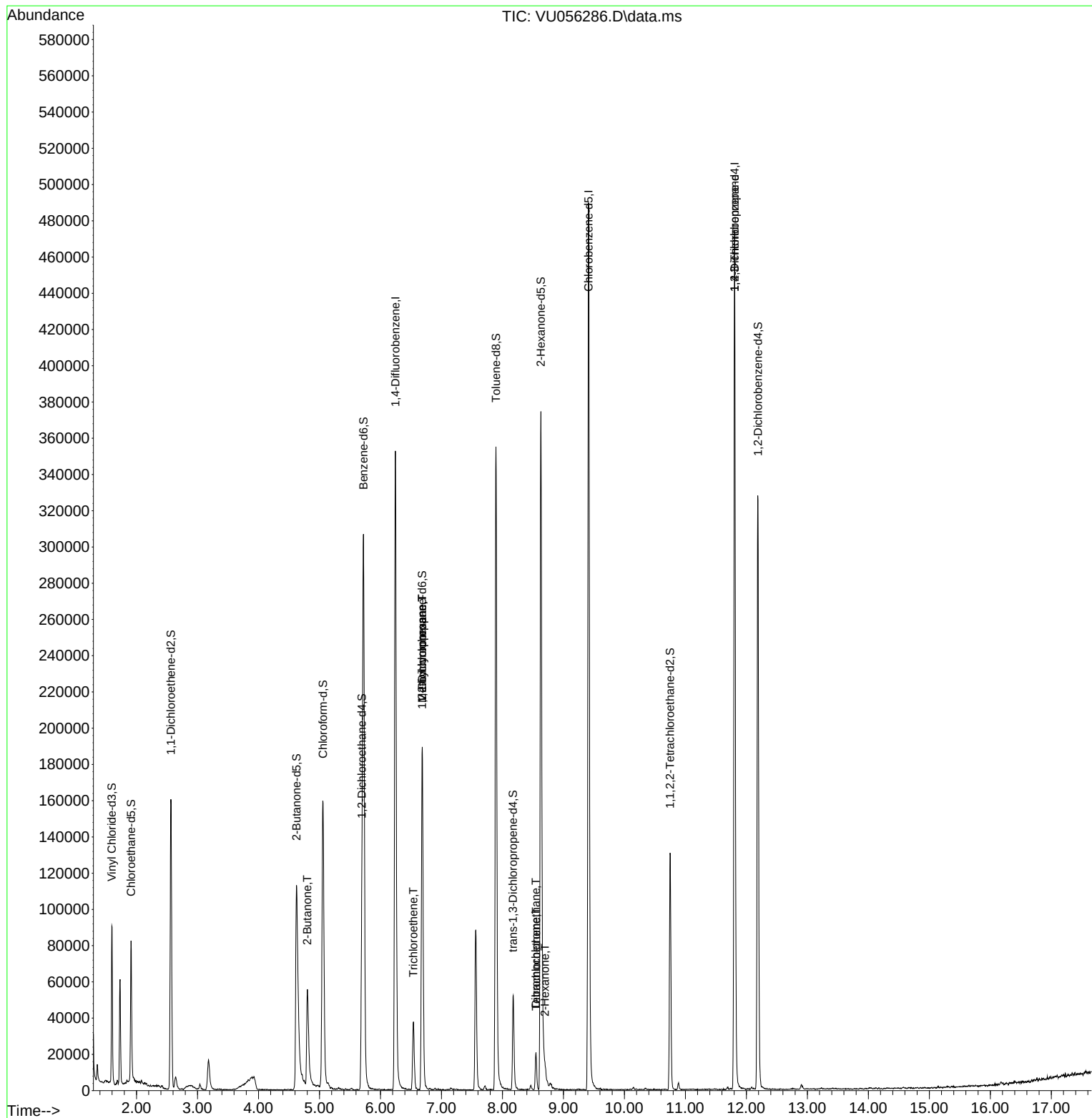
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	293172	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	287084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	62783	2.863	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	57.200%	
7) Chloroethane-d5	1.911	69	55498	3.301	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.000%	
11) 1,1-Dichloroethene-d2	2.563	65	31761	3.282	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	4.624	46	162913	37.258	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	74.520%	
24) Chloroform-d	5.058	84	151524	3.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.400%	
26) 1,2-Dichloroethane-d4	5.695	65	74030	3.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
32) Benzene-d6	5.721	84	294368	3.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.800%#	
36) 1,2-Dichloropropane-d6	6.685	67	94528	3.667	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	73.400%	
41) Toluene-d8	7.894	98	250587	3.318	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	8.174	79	33671	3.406	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.200%	
46) 2-Hexanone-d5	8.631	63	133228	34.290	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.580%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68299	3.708	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	74.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	88333	3.881	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	77.600%#	
Target Compounds						
21) 2-Butanone	4.801	43	77213	15.978	ug/L #	46
34) Trichloroethene	6.541	95	13430	0.602	ug/L	96
35) Methylcyclohexane	6.685	83	21375	0.663	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10944	0.512	ug/L #	88
47) Tetrachloroethene	8.553	164	4822	0.320	ug/L	82
48) 2-Hexanone	8.695	43	8788	1.065	ug/L #	66
49) Dibromochloromethane	8.550	129	4682	0.289	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15805	1.495	ug/L #	67

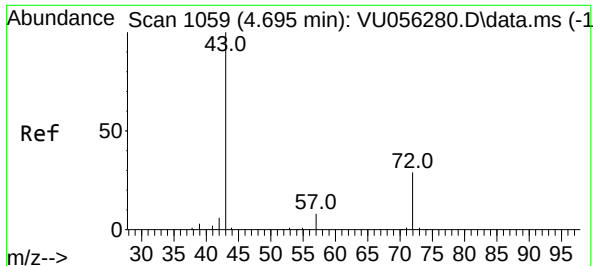
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 15.978 ug/L

RT: 4.801 min Scan# 1092

Delta R.T. 0.106 min

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Instrument :

MSVOA_U

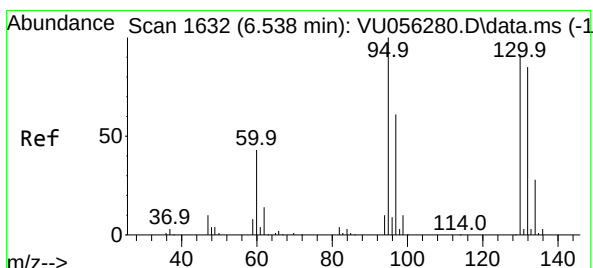
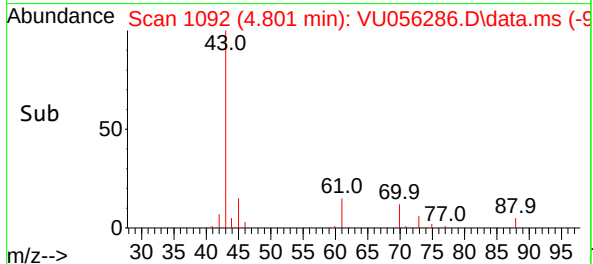
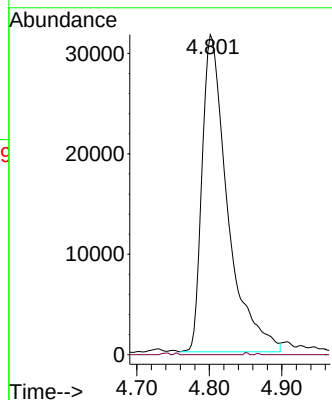
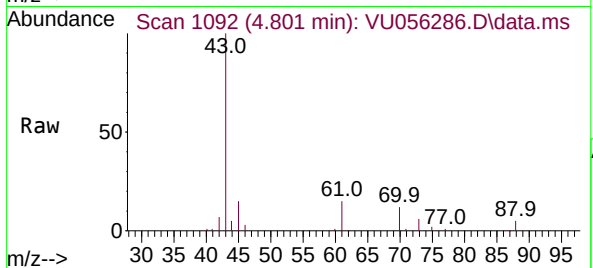
ClientSampleId :

Tgt Ion: 43 Resp: 77213

Ion Ratio Lower Upper

43 100

72 0.1 14.2 42.6#



#34

Trichloroethene

Concen: 0.602 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.003 min

Lab File: VU056286.D

Acq: 14 Nov 2023 06:10

Tgt Ion: 95 Resp: 13430

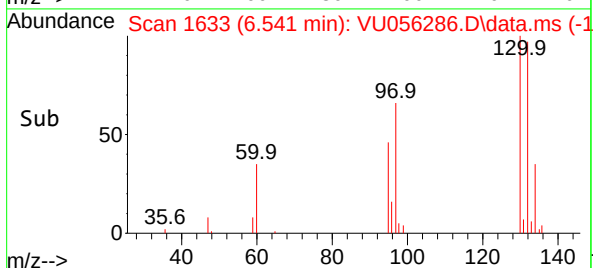
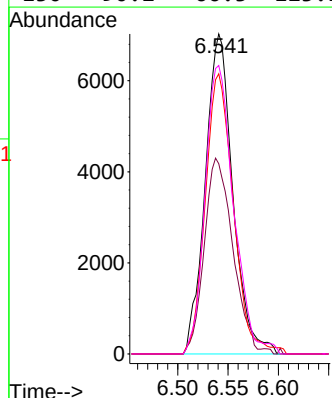
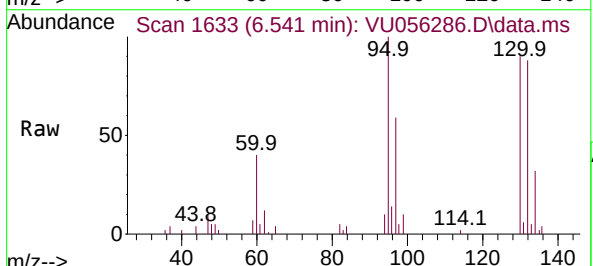
Ion Ratio Lower Upper

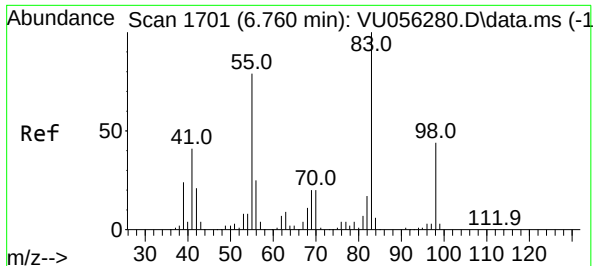
95 100

97 59.5 46.5 86.3

132 87.5 62.0 115.2

130 90.2 66.3 123.1





#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056286.D

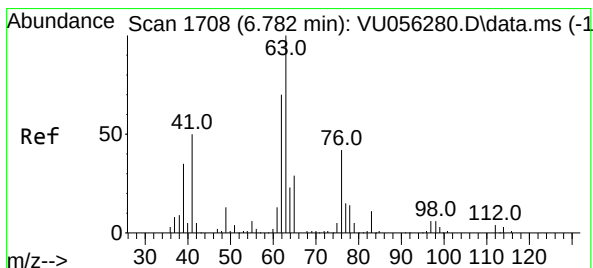
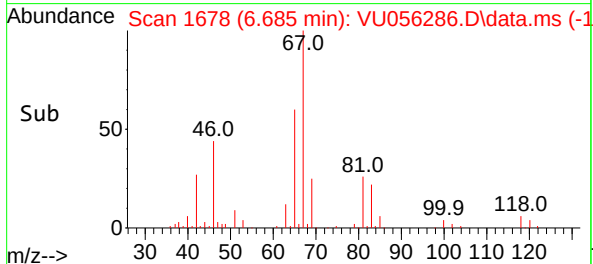
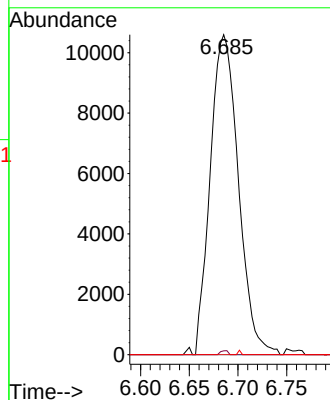
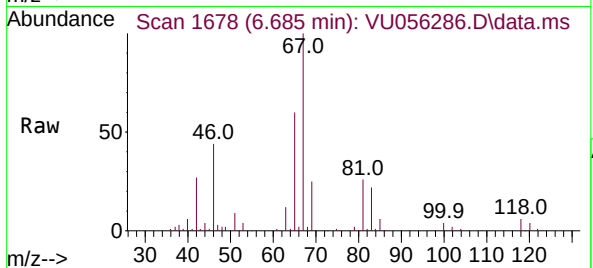
Acq: 14 Nov 2023 06:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 21375
Ion Ratio	Lower Upper
83 100	
55 0.3	62.9 94.3#
98 0.1	35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

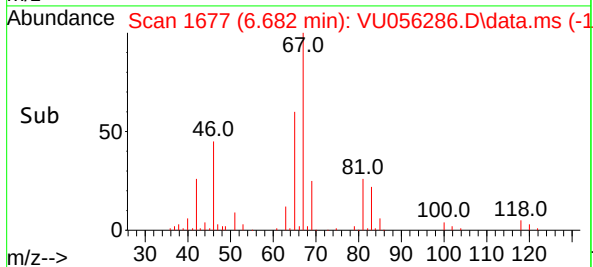
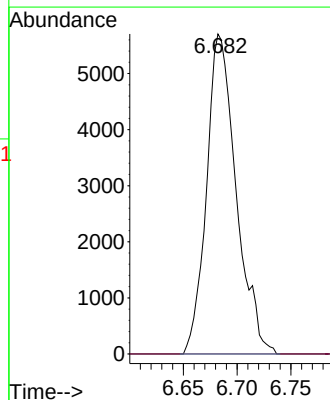
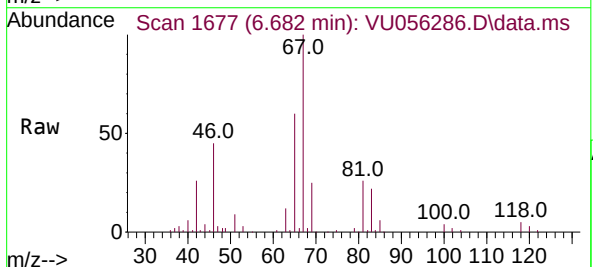
RT: 6.682 min Scan# 1677

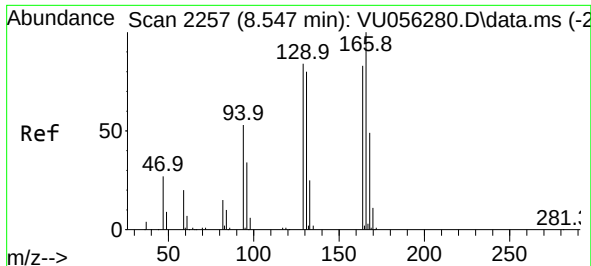
Delta R.T. -0.100 min

Lab File: VU056286.D

Acq: 14 Nov 2023 06:10

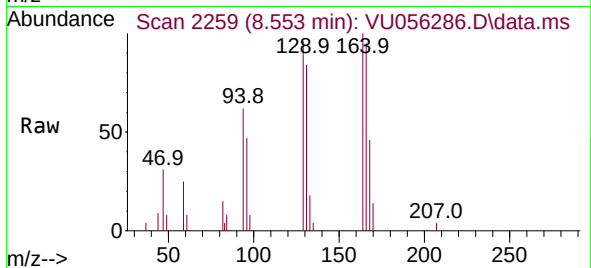
Tgt Ion: 63	Resp: 10944
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#



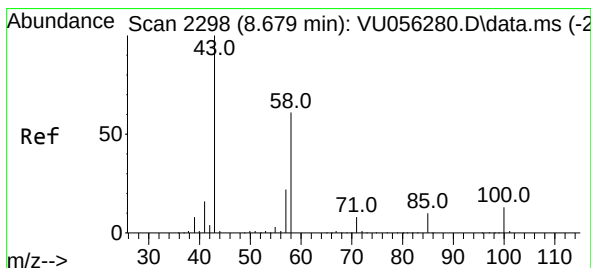
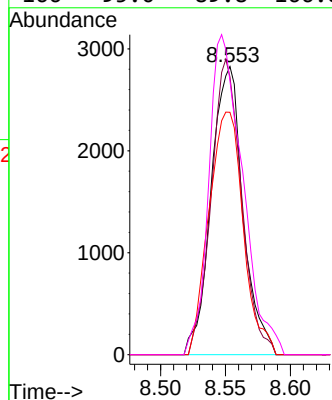
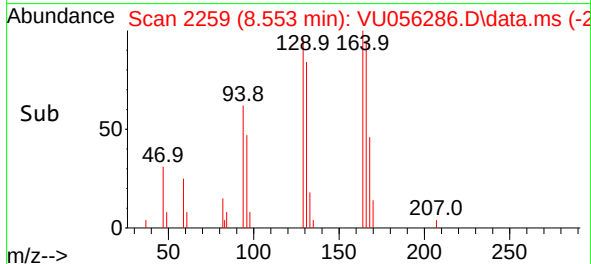


#47
Tetrachloroethene
Concen: 0.320 ug/L
RT: 8.553 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU056286.D
Acq: 14 Nov 2023 06:10

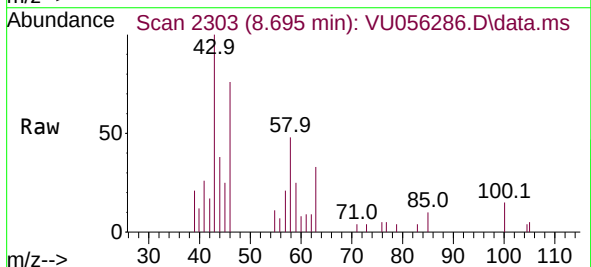
Instrument :
MSVOA_U
ClientSampleId :



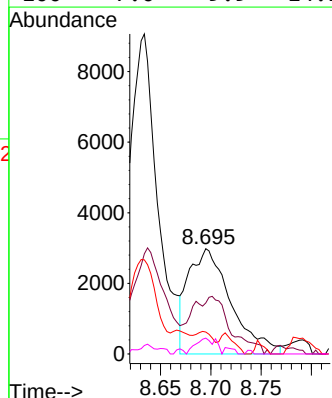
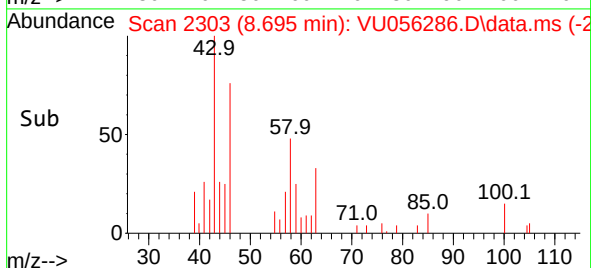
Tgt Ion:164 Resp: 4822
Ion Ratio Lower Upper
164 100
129 96.4 71.0 131.9
131 84.1 70.3 130.7
166 95.0 89.8 166.8

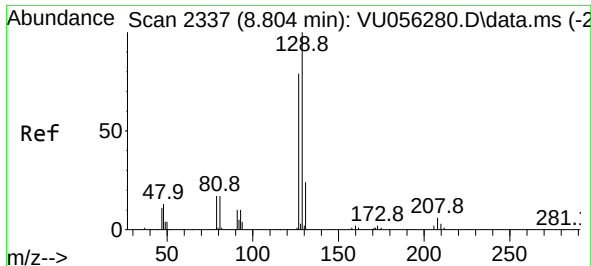


#48
2-Hexanone
Concen: 1.065 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.016 min
Lab File: VU056286.D
Acq: 14 Nov 2023 06:10



Tgt Ion: 43 Resp: 8788
Ion Ratio Lower Upper
43 100
58 32.7 48.7 73.1#
57 3.2 16.8 25.2#
100 7.0 9.9 14.9#

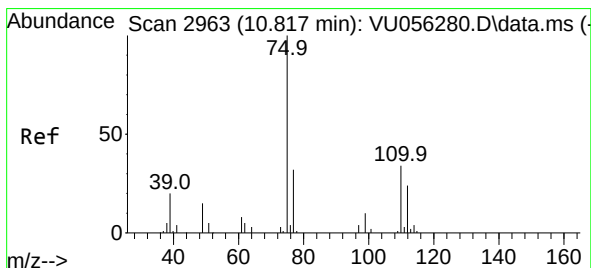
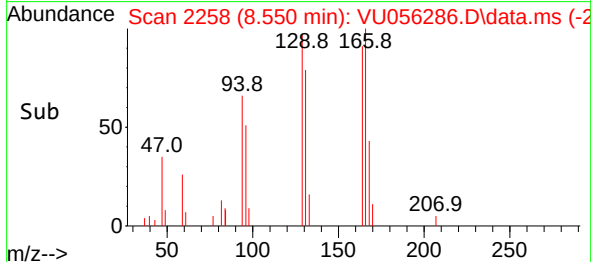
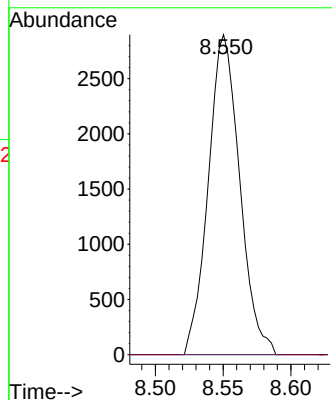
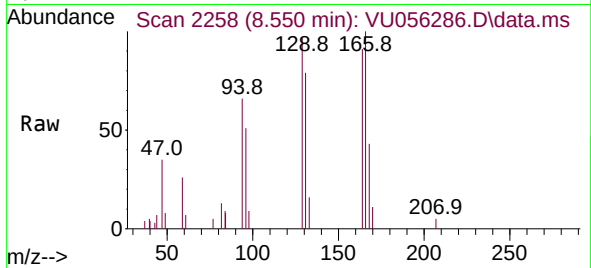




#49
Dibromochloromethane
Concen: 0.289 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056286.D
Acq: 14 Nov 2023 06:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 4682
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.495 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056286.D
Acq: 14 Nov 2023 06:10

Tgt Ion: 75 Resp: 15805
Ion Ratio Lower Upper
75 100
110 1.1 30.4 45.6#
77 34.2 27.0 40.6

