

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056806.D
 Acq On : 13 Dec 2023 00:35
 Operator : MD/SY
 Sample : 05675-11DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2DL

Quant Time: Dec 13 04:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

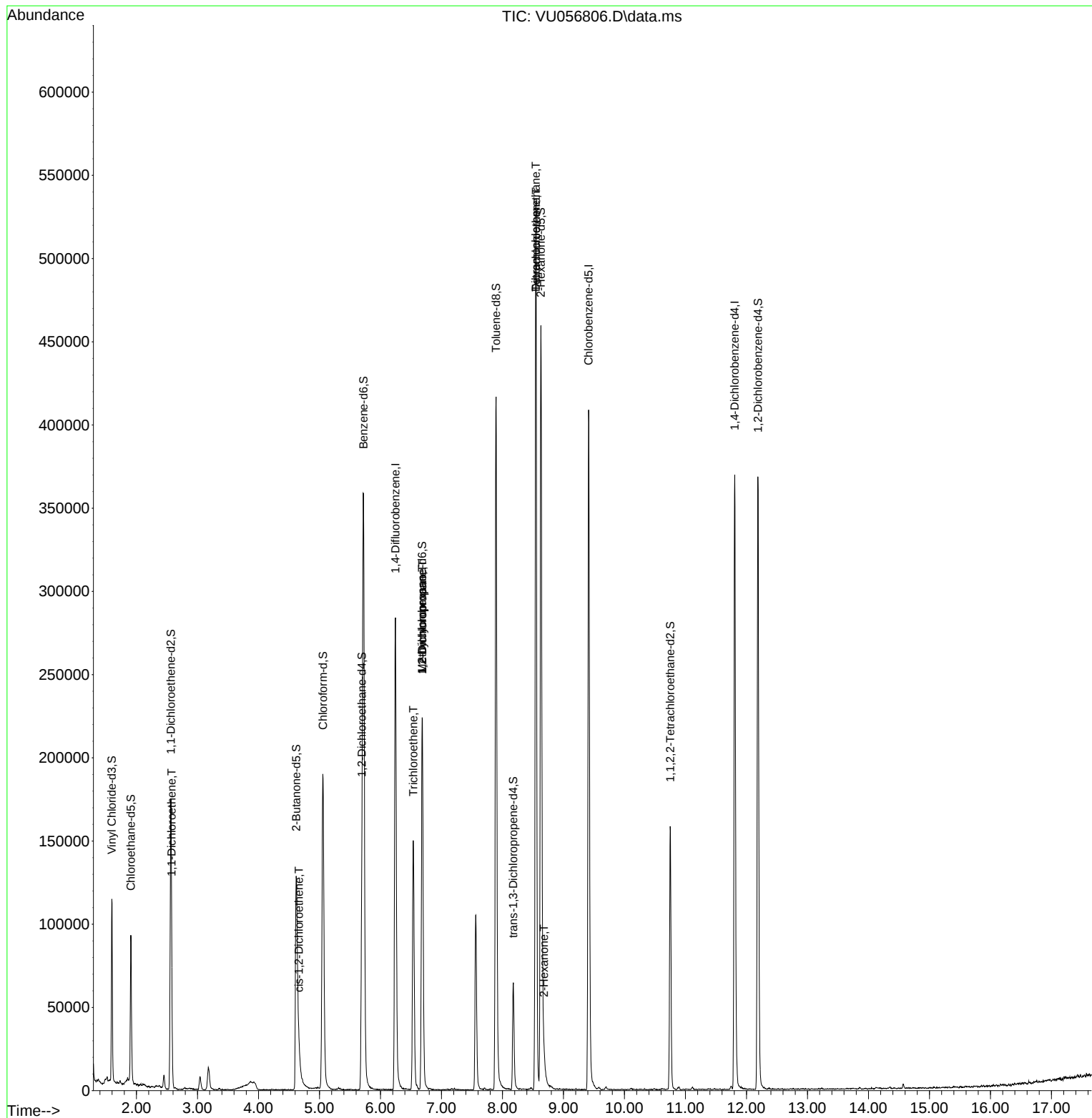
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234650	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100047	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	78300	3.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.908	69	64490	4.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.563	65	33202	3.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.618	46	207592	52.262	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.520%
24) Chloroform-d	5.055	84	182494	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.695	65	90324	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	348718	4.791	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.682	67	111350	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	288011	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	39606	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.628	63	160050	48.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	80874	4.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	99060	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	7682	0.403	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	3261	0.155	ug/L	78
34) Trichloroethene	6.538	95	54962	2.430	ug/L	96
35) Methylcyclohexane	6.682	83	25847	0.774	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11437	0.542	ug/L #	89
47) Tetrachloroethene	8.550	164	113455	7.167	ug/L	94
48) 2-Hexanone	8.679	43	7485	1.049	ug/L #	36
49) Dibromochloromethane	8.547	129	117289	7.155	ug/L #	11

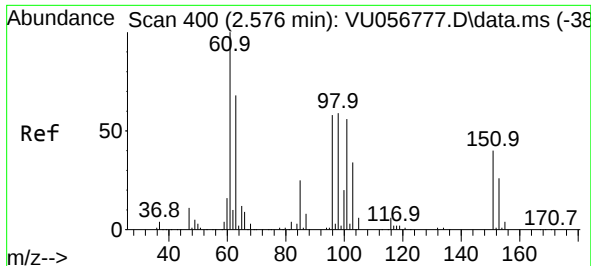
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.403 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056806.D

Acq: 13 Dec 2023 00:35

Instrument :

MSVOA_U

ClientSampleId :

H0AB2DL

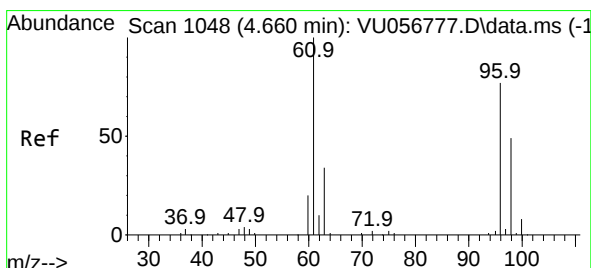
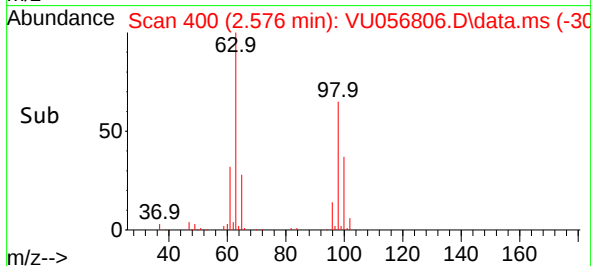
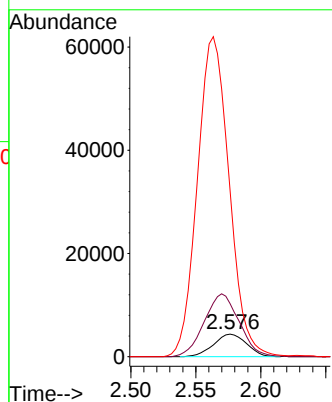
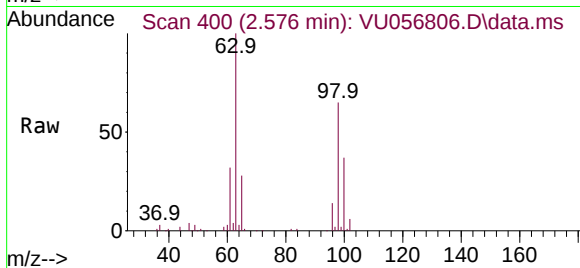
Tgt Ion: 96 Resp: 7682

Ion Ratio Lower Upper

96 100

61 235.7 119.0 221.0#

63 736.7 88.7 164.7#



#22

cis-1,2-Dichloroethene

Concen: 0.155 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU056806.D

Acq: 13 Dec 2023 00:35

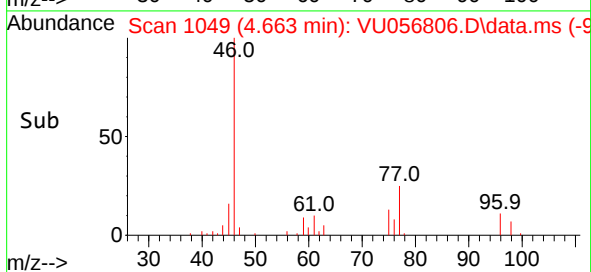
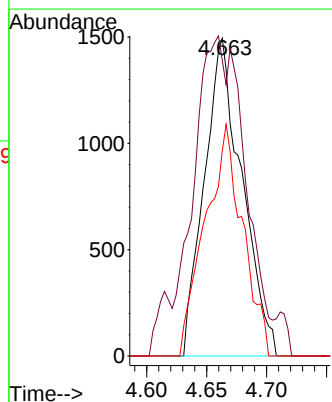
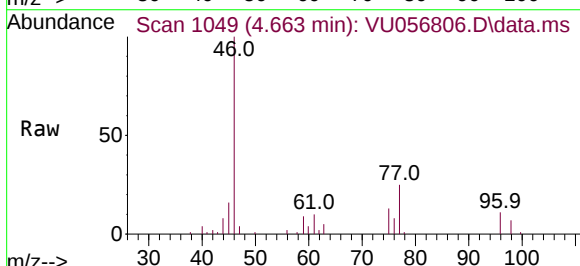
Tgt Ion: 96 Resp: 3261

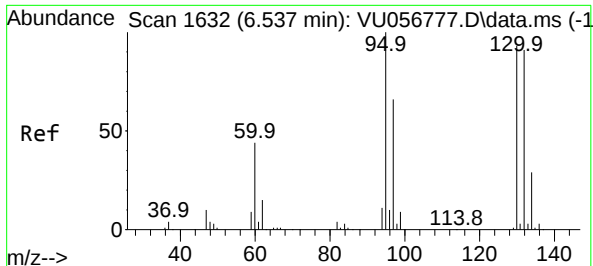
Ion Ratio Lower Upper

96 100

61 93.0 91.3 169.6

98 64.6 44.2 82.0

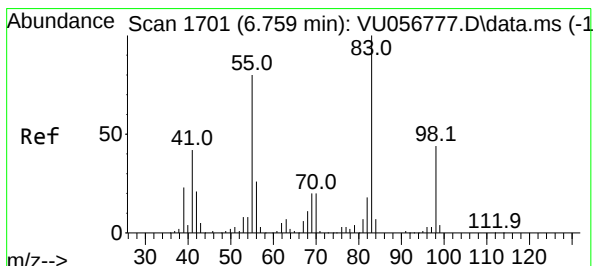
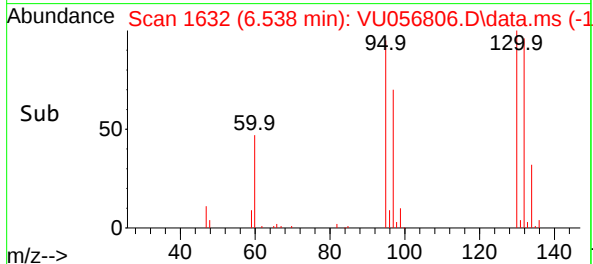
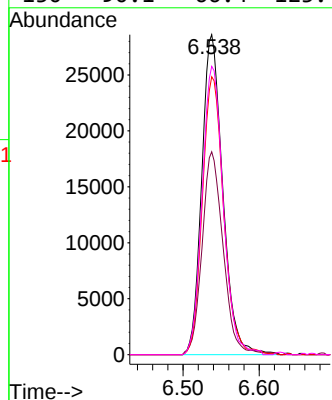
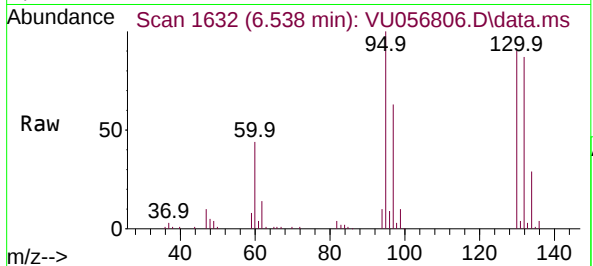




#34
Trichloroethene
Concen: 2.430 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056806.D
Acq: 13 Dec 2023 00:35

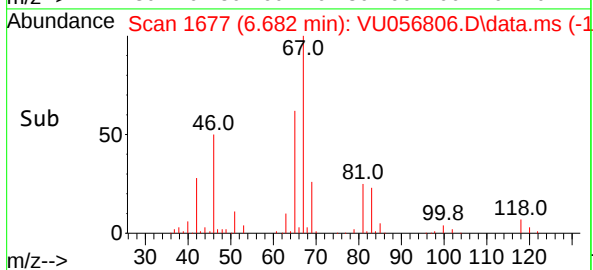
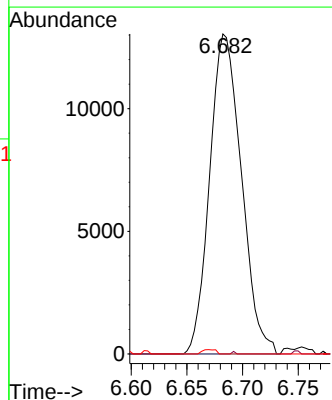
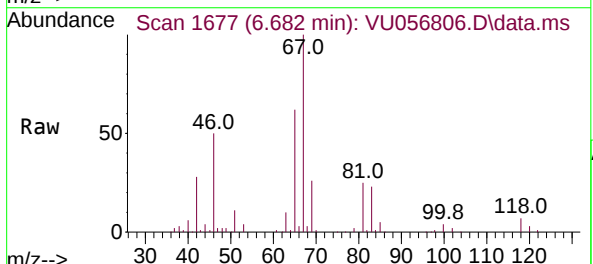
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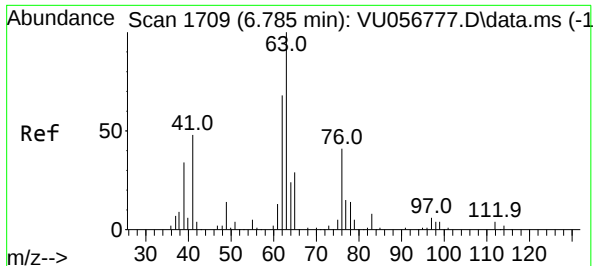
Tgt Ion:	95	Resp:	54962
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.1	85.5
132	86.9	63.6	118.0
130	90.1	66.4	123.4



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU056806.D
Acq: 13 Dec 2023 00:35

Tgt Ion:	83	Resp:	25847
Ion	Ratio	Lower	Upper
83	100		
55	0.1	64.6	97.0#
98	0.6	36.1	54.1#

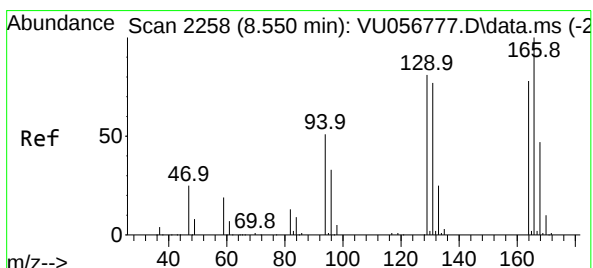
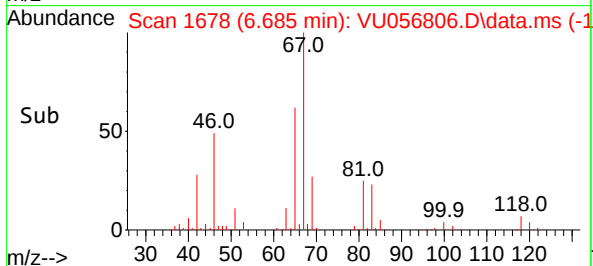
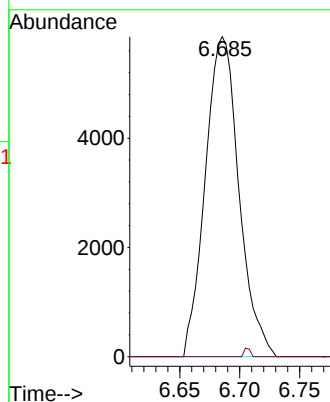
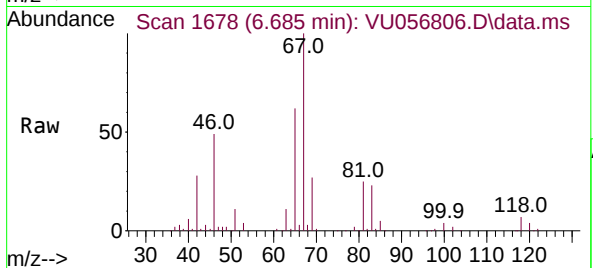




#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056806.D
Acq: 13 Dec 2023 00:35

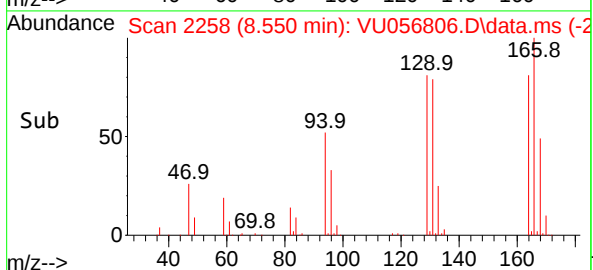
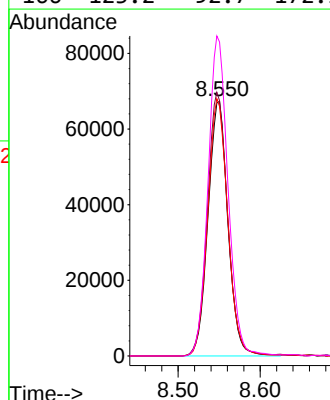
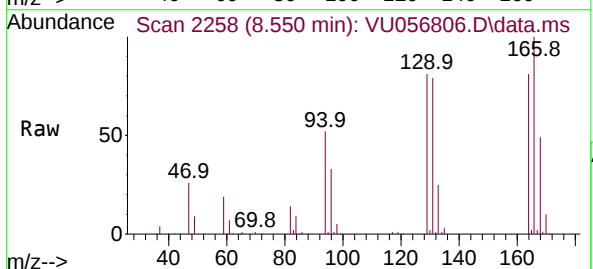
Instrument :
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ClientSampleId :
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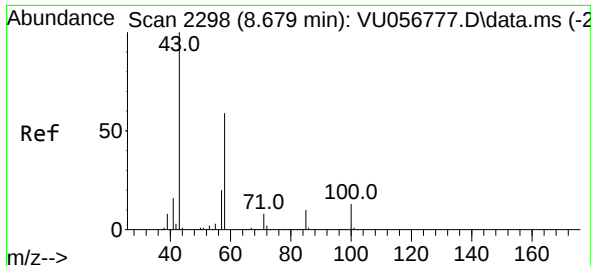
Tgt Ion: 63 Resp: 11437
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.167 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU056806.D
Acq: 13 Dec 2023 00:35

Tgt Ion:164 Resp: 113455
Ion Ratio Lower Upper
164 100
129 100.2 73.4 136.4
131 97.9 71.5 132.9
166 123.2 92.7 172.1

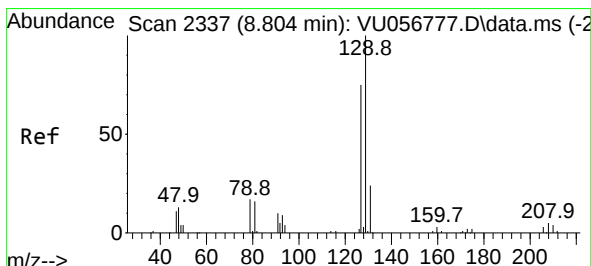
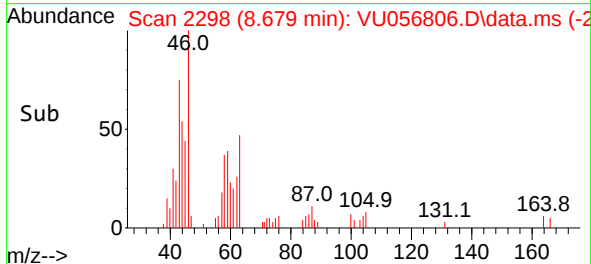
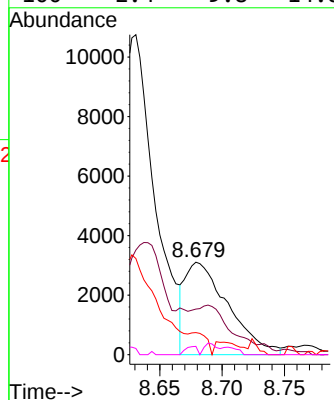
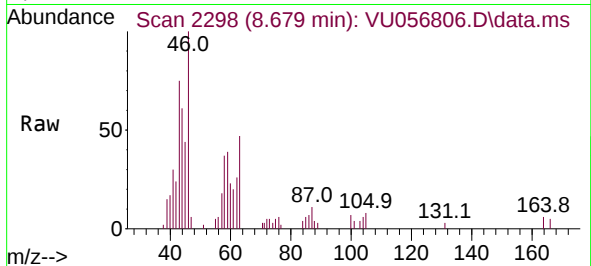




#48
2-Hexanone
Concen: 1.049 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056806.D
Acq: 13 Dec 2023 00:35

Instrument :
MSVOA_U
ClientSampleId :
H0AB2DL

Tgt Ion: 43	Resp: 7485
Ion Ratio	Lower Upper
43 100	
58 0.0	47.5 71.3#
57 0.0	17.0 25.4#
100 2.4	9.8 14.8#



#49
Dibromochloromethane
Concen: 7.155 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056806.D
Acq: 13 Dec 2023 00:35

Tgt Ion:129	Resp: 117289
Ion Ratio	Lower Upper
129 100	
127 0.0	53.9 100.1#

