

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056875.D
 Acq On : 15 Dec 2023 13:33
 Operator : MD/SY
 Sample : 05677-07DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA8DL

Quant Time: Dec 15 22:25:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

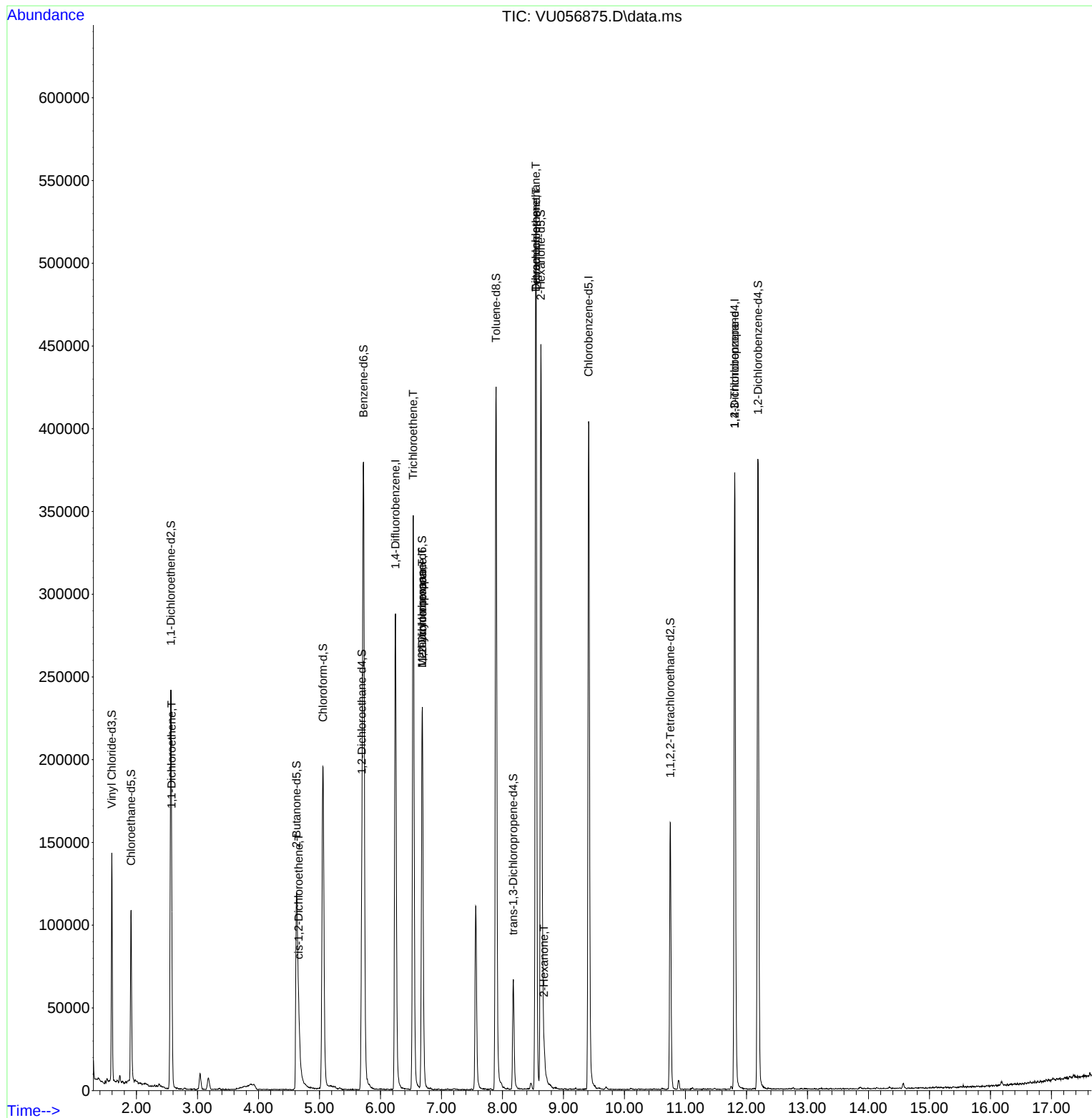
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	235171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	238709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94355	4.681	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.911	69	76907	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.563	65	41737	4.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.800%
20) 2-Butanone-d5	4.624	46	205679	51.666	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.340%
24) Chloroform-d	5.055	84	193995	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.695	65	92286	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.721	84	368248	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.682	67	116050	5.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	297560	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	41944	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.631	63	158864	46.868	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83032	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	105218	5.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	15821	0.829	ug/L #	1
22) cis-1,2-Dichloroethene	4.660	96	6416	0.305	ug/L	85
34) Trichloroethene	6.534	95	124577	5.413	ug/L	97
35) Methylcyclohexane	6.682	83	27185	0.800	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11825	0.551	ug/L #	88
47) Tetrachloroethene	8.550	164	119912	7.446	ug/L	95
48) 2-Hexanone	8.682	43	6859	0.945	ug/L #	82
49) Dibromochloromethane	8.547	129	119217	7.149	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12711	1.179	ug/L #	70

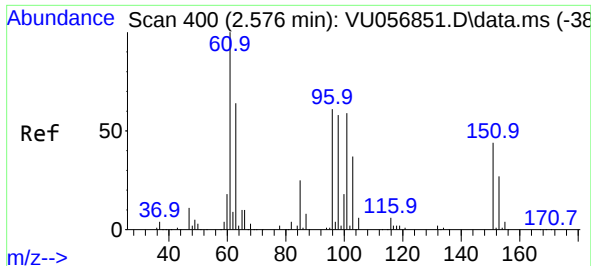
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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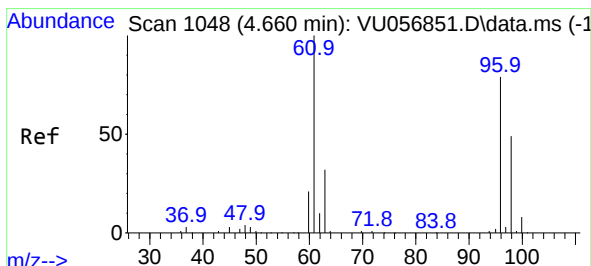
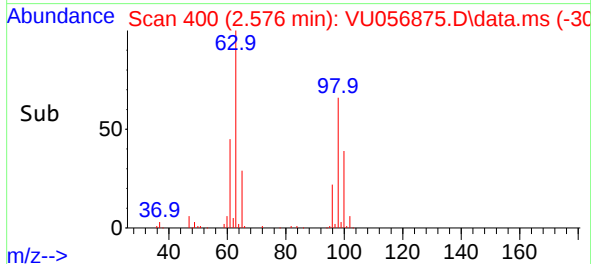
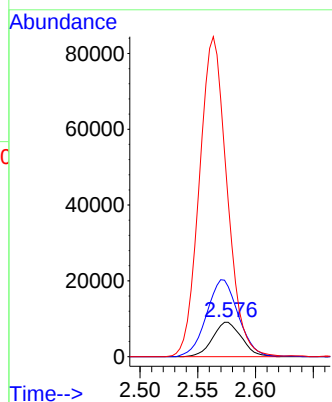
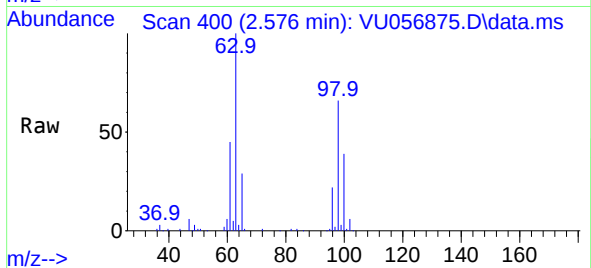




#12
1,1-Dichloroethene
Concen: 0.829 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056875.D
Acq: 15 Dec 2023 13:33

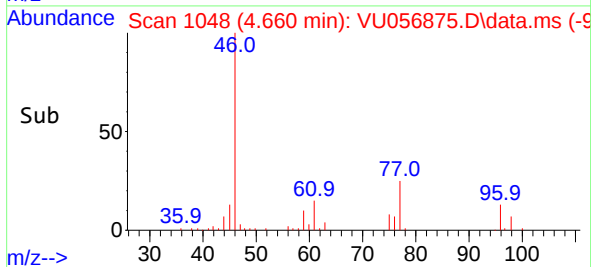
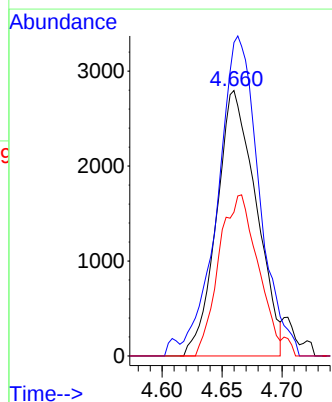
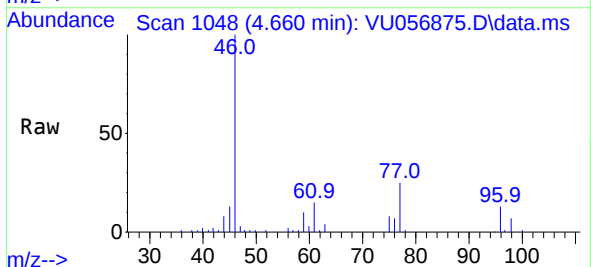
Instrument :
MSVOA_U
ClientSampleId :
H0AA8DL

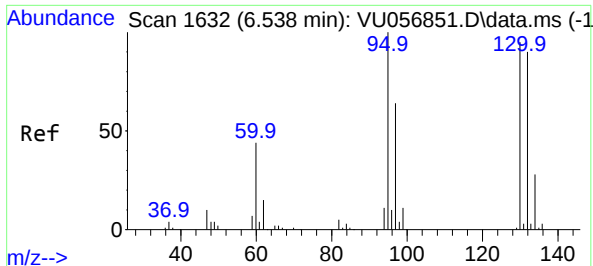
Tgt Ion: 96 Resp: 15821
Ion Ratio Lower Upper
96 100
61 204.0 119.0 221.0
63 452.3 88.7 164.7#



#22
cis-1,2-Dichloroethene
Concen: 0.305 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU056875.D
Acq: 15 Dec 2023 13:33

Tgt Ion: 96 Resp: 6416
Ion Ratio Lower Upper
96 100
61 113.3 91.3 169.6
98 52.0 44.2 82.0





#34

Trichloroethene

Concen: 5.413 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU056875.D

Acq: 15 Dec 2023 13:33

Instrument :

MSVOA_U

ClientSampleId :

H0AA8DL

Tgt Ion: 95 Resp: 124577

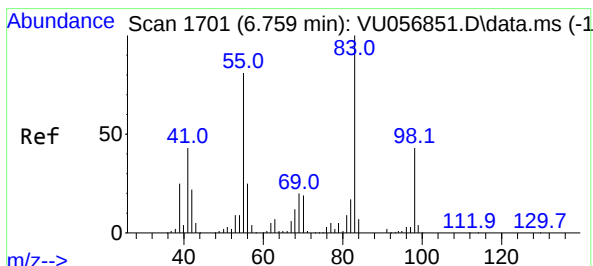
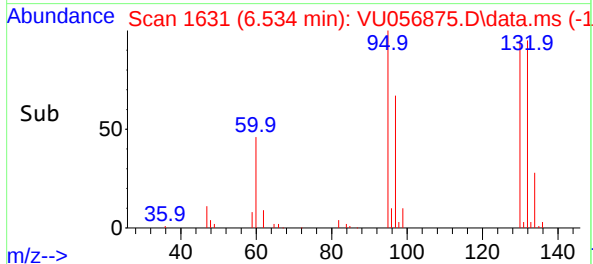
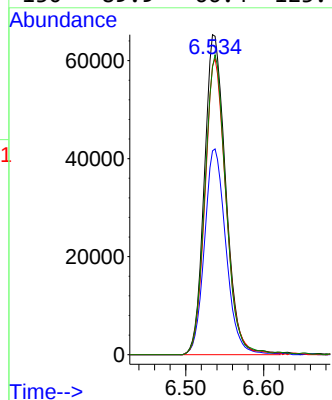
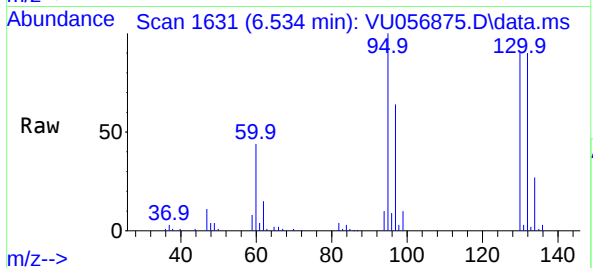
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.5

132 90.2 63.6 118.0

130 89.9 66.4 123.4



#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056875.D

Acq: 15 Dec 2023 13:33

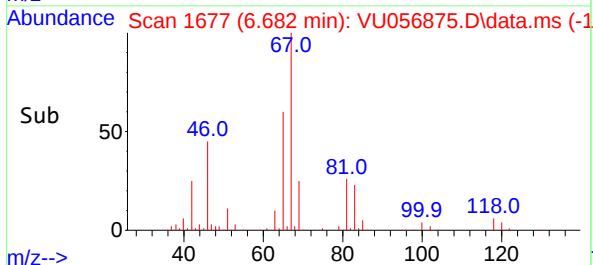
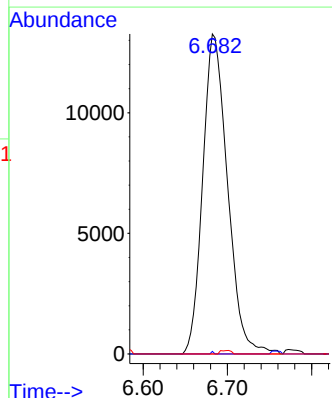
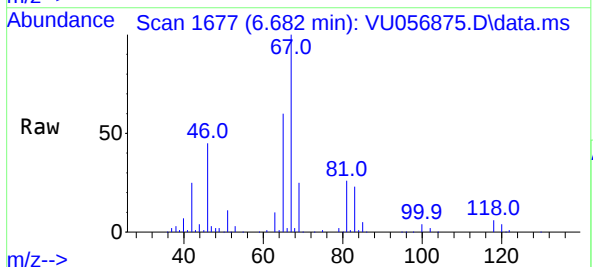
Tgt Ion: 83 Resp: 27185

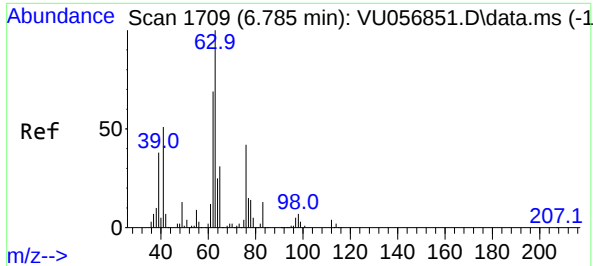
Ion Ratio Lower Upper

83 100

55 0.1 64.6 97.0#

98 0.0 36.1 54.1#

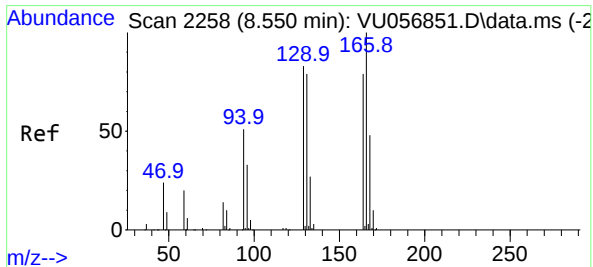
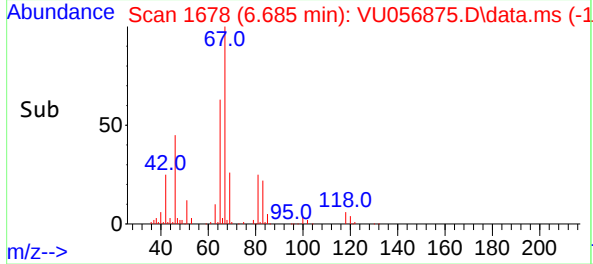
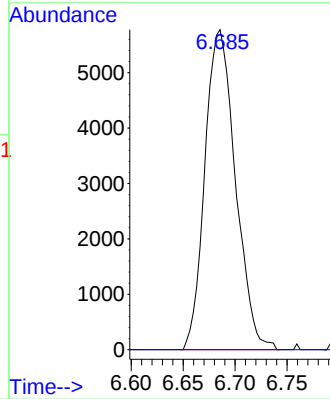
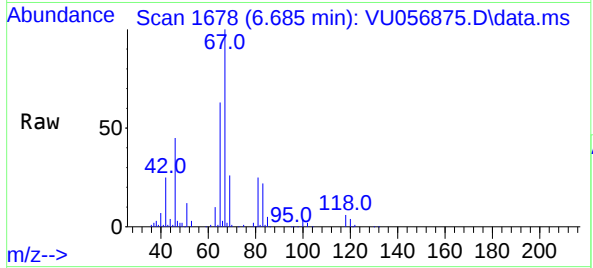




#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056875.D
Acq: 15 Dec 2023 13:33

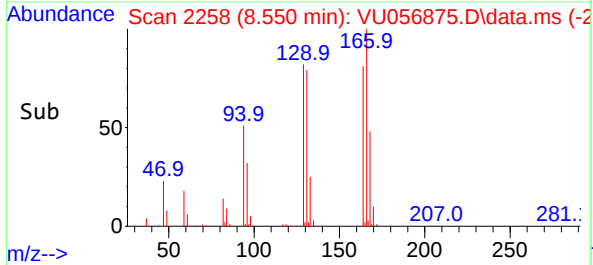
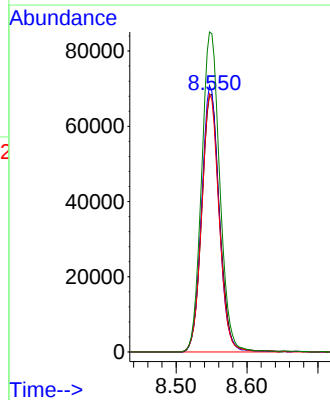
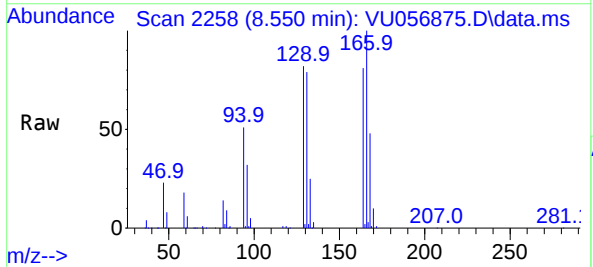
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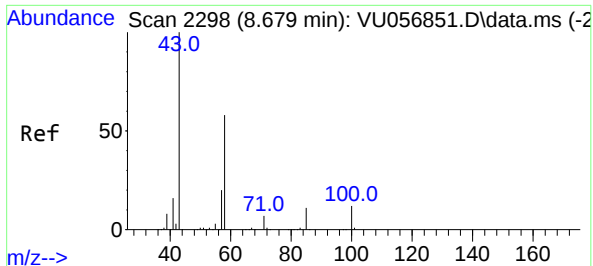
Tgt Ion: 63 Resp: 11825
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 7.446 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056875.D
Acq: 15 Dec 2023 13:33

Tgt Ion:164 Resp: 119912
Ion Ratio Lower Upper
164 100
129 101.1 73.4 136.4
131 97.9 71.5 132.9
166 123.5 92.7 172.1

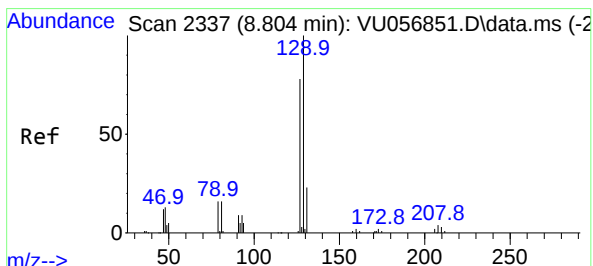
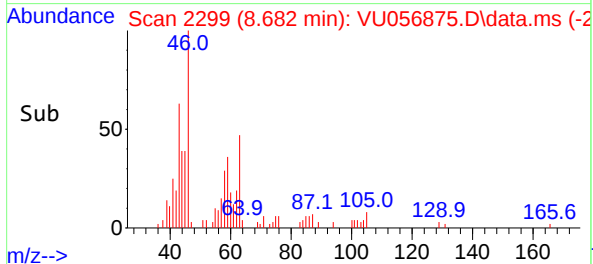
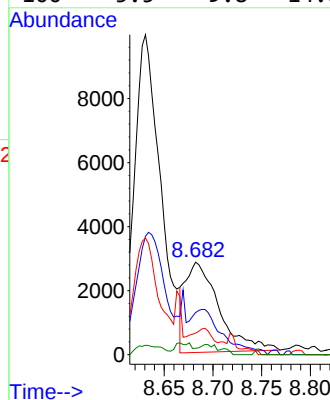
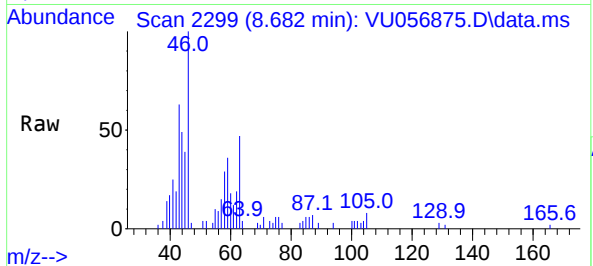




#48
2-Hexanone
Concen: 0.945 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056875.D
Acq: 15 Dec 2023 13:33

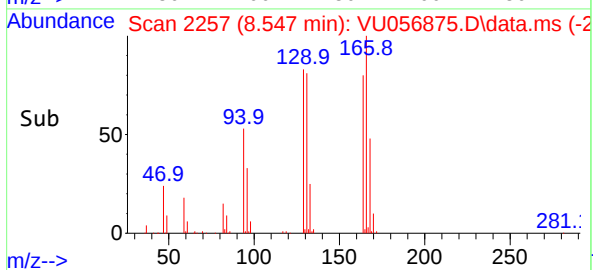
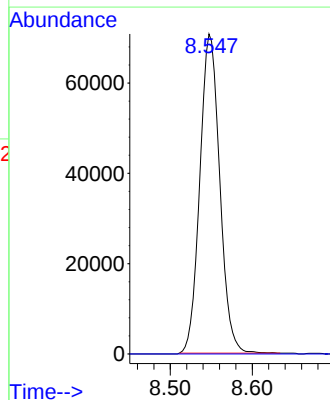
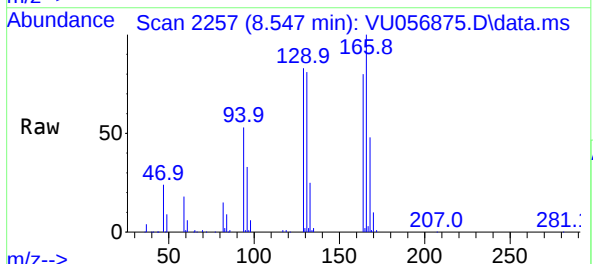
Instrument :
MSVOA_U
ClientSampleId :
H0AA8DL

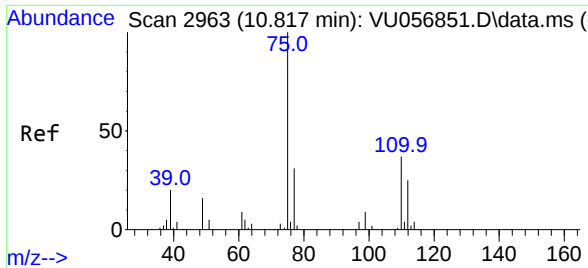
Tgt Ion: 43 Resp: 6859
Ion Ratio Lower Upper
43 100
58 43.7 47.5 71.3#
57 16.2 17.0 25.4#
100 5.5 9.8 14.8#



#49
Dibromochloromethane
Concen: 7.149 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056875.D
Acq: 15 Dec 2023 13:33

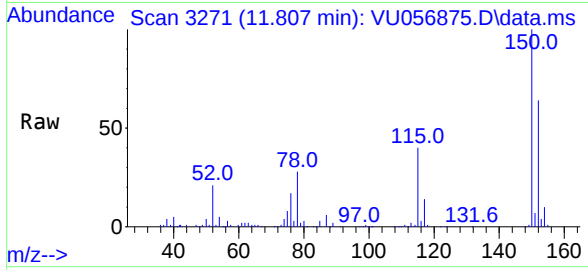
Tgt Ion: 129 Resp: 119217
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
1,2,3-Trichloropropane
Concen: 1.179 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056875.D
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Instrument :
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ClientSampleId :
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Tgt Ion:	75	Resp:	12711
Ion	Ratio	Lower	Upper
75	100		
110	2.8	28.4	42.6#
77	32.3	26.3	39.5

