

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122823\
 Data File : VU057344.D
 Acq On : 28 Dec 2023 19:35
 Operator : MD/SY
 Sample : 06021-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 21:40:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 21:37:03 2023
 Response via : Initial Calibration

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

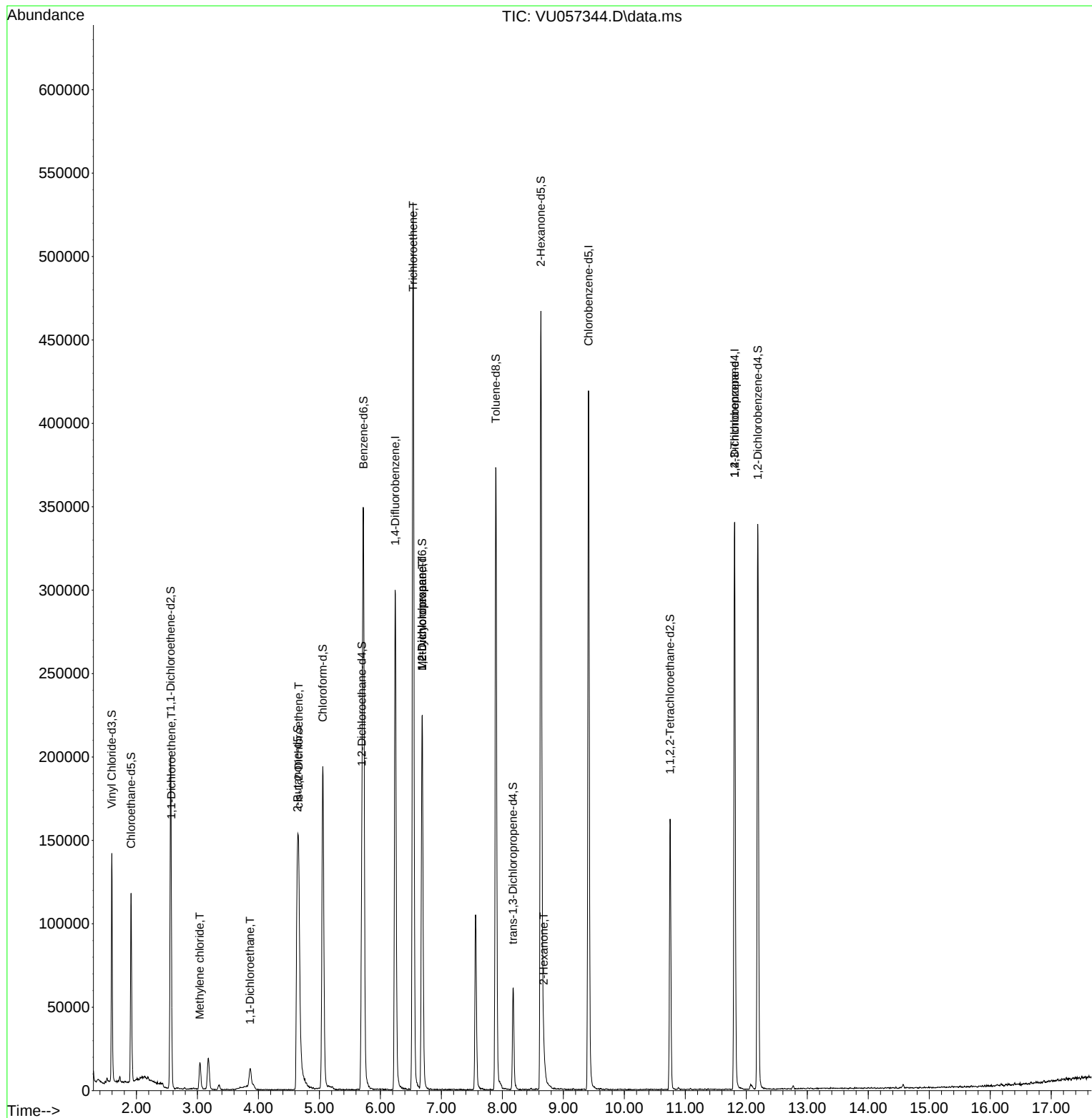
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	237104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	89974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95657	4.693	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.911	69	85342	5.213	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.560	65	37798	4.659	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.200%	
20) 2-Butanone-d5	4.638	46	216276	46.847	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.700%	
24) Chloroform-d	5.056	84	184341	5.086	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.695	65	91872	4.960	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.721	84	329338	4.860	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.686	67	111657	5.258	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.891	98	257159	4.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	8.174	79	37386	4.388	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.631	63	157918	40.920	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.840%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81818	4.588	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	86290	5.267	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1800	0.116	ug/L #	1
16) Methylene chloride	3.036	84	8238	0.412	ug/L	90
19) 1,1-Dichloroethane	3.863	63	12429	0.385	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	39511	2.223	ug/L	98
34) Trichloroethene	6.535	95	189476	10.382	ug/L	97
35) Methylcyclohexane	6.686	83	27007	1.133	ug/L #	17
37) 1,2-Dichloropropane	6.686	63	12619	0.662	ug/L #	89
48) 2-Hexanone	8.676	43	5820	0.813	ug/L #	82
61) 1,2,3-Trichloropropane	11.808	75	11646	1.240	ug/L #	68

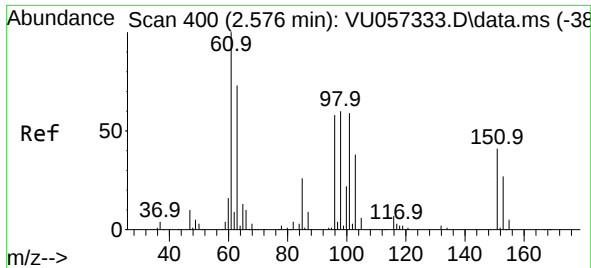
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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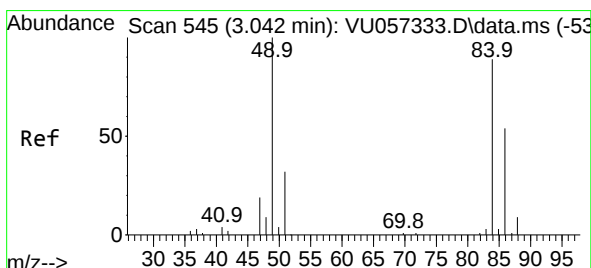
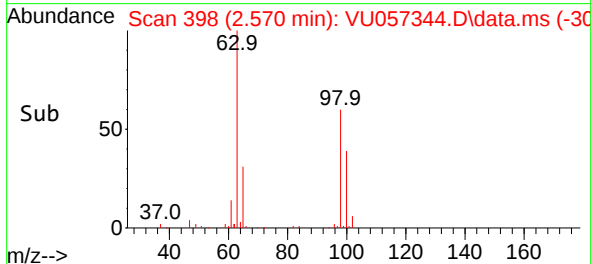
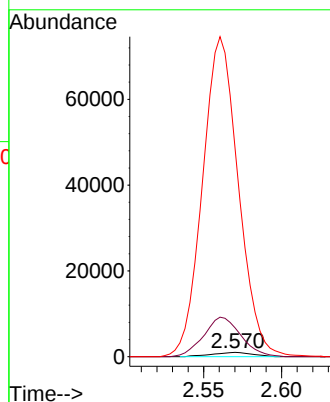
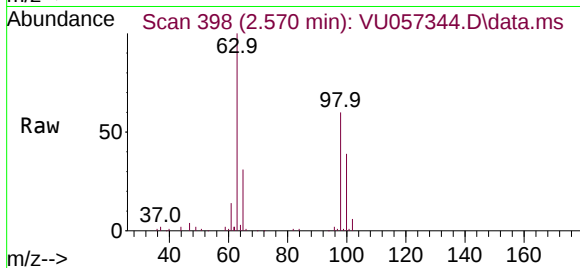




#12
1,1-Dichloroethene
Concen: 0.116 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU057344.D
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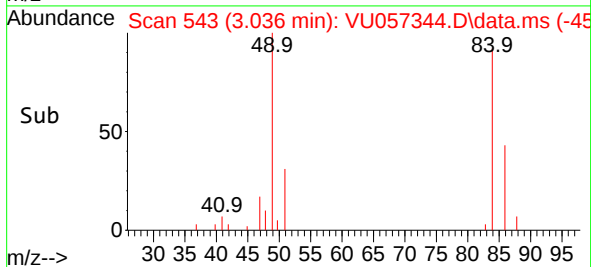
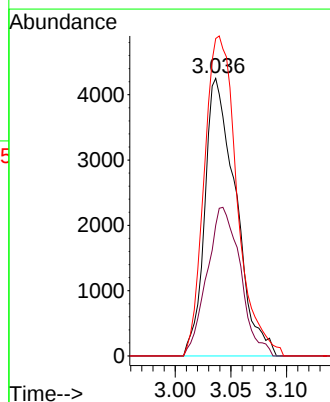
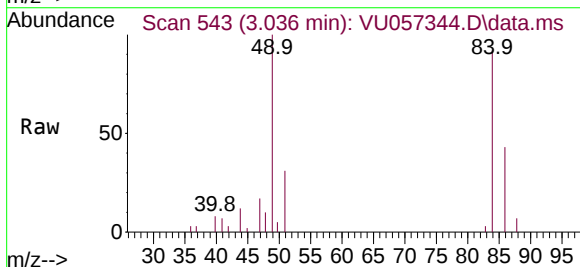
Instrument :
MSVOA_U
ClientSampleId :

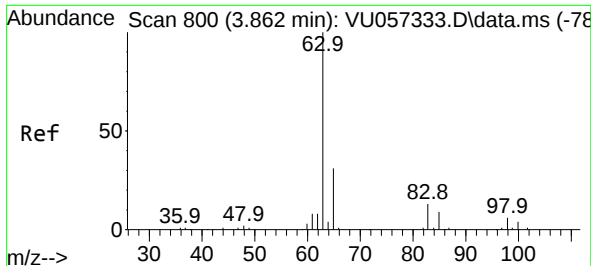
Tgt Ion: 96 Resp: 1800
Ion Ratio Lower Upper
96 100
61 669.1 122.2 226.9#
63 4832.7 99.2 184.2#



#16
Methylene chloride
Concen: 0.412 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.006 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35

Tgt Ion: 84 Resp: 8238
Ion Ratio Lower Upper
84 100
86 47.1 43.8 81.3
49 114.3 83.2 154.4

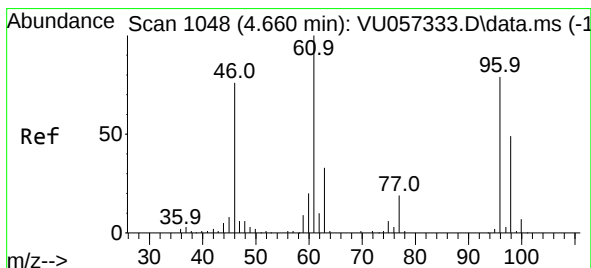
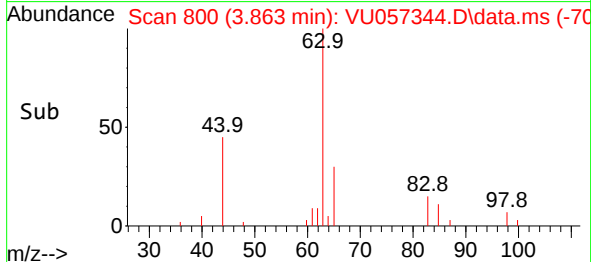
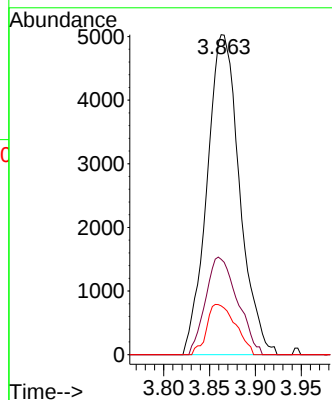
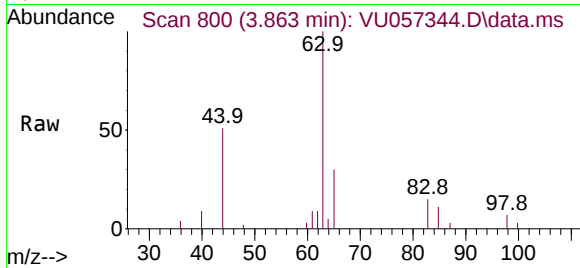




#19
1,1-Dichloroethane
Concen: 0.385 ug/L
RT: 3.863 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35

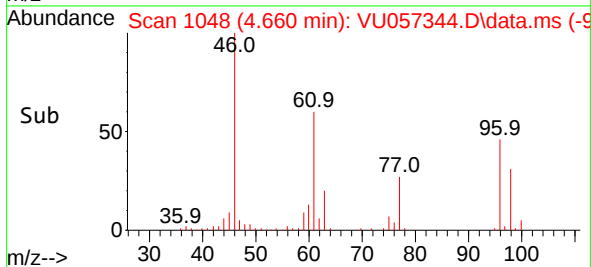
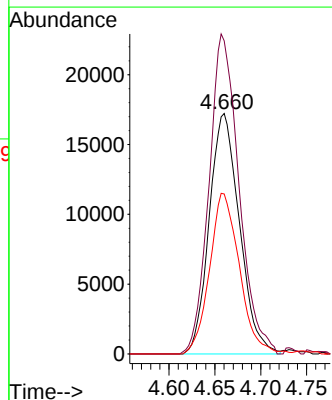
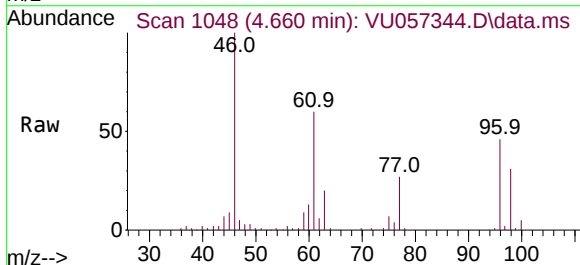
Instrument :
MSVOA_U
ClientSampleId :

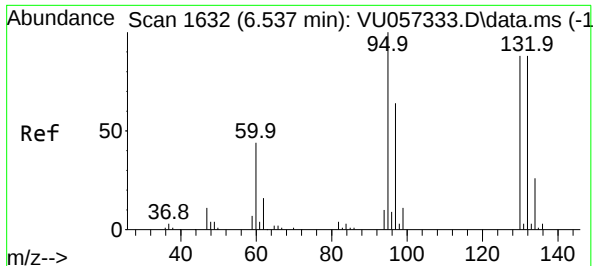
Tgt Ion: 63 Resp: 12429
Ion Ratio Lower Upper
63 100
65 29.8 23.6 43.8
83 15.2 9.8 18.2



#22
cis-1,2-Dichloroethene
Concen: 2.223 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35

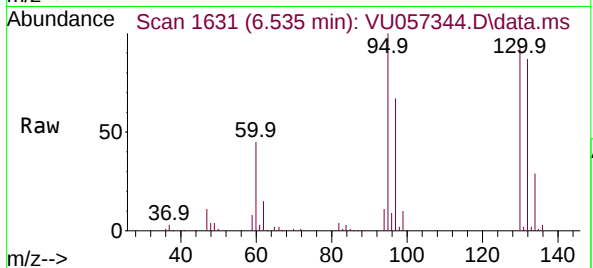
Tgt Ion: 96 Resp: 39511
Ion Ratio Lower Upper
96 100
61 130.2 91.1 169.3
98 66.5 42.6 79.0



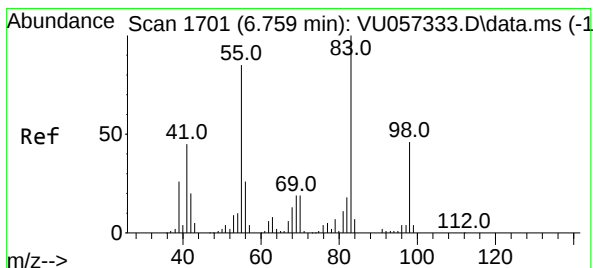
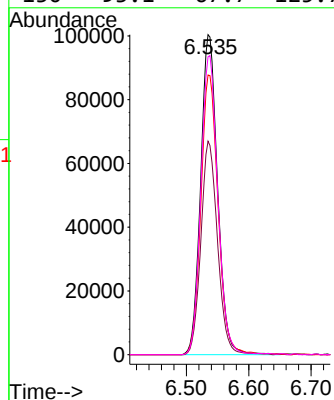
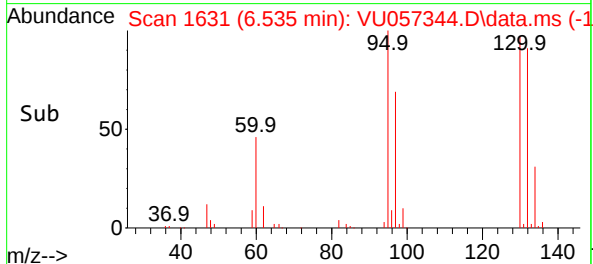


#34
Trichloroethene
Concen: 10.382 ug/L
RT: 6.535 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35

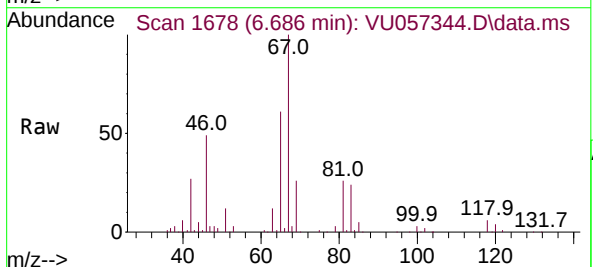
Instrument :
MSVOA_U
ClientSampleId :



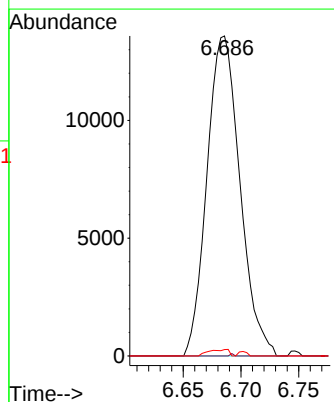
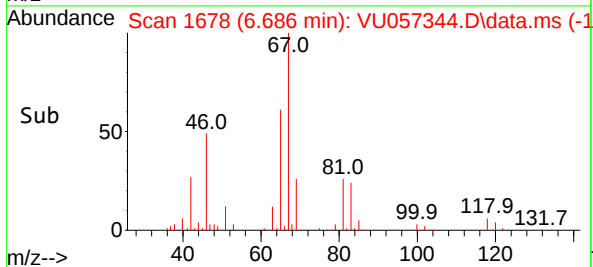
Tgt Ion: 95 Resp: 189476
Ion Ratio Lower Upper
95 100
97 66.7 45.3 84.1
132 87.4 63.1 117.3
130 93.1 67.7 125.7

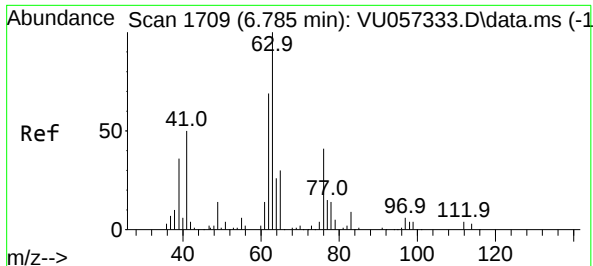


#35
Methylcyclohexane
Concen: 1.133 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35



Tgt Ion: 83 Resp: 27007
Ion Ratio Lower Upper
83 100
55 0.1 65.4 98.2#
98 1.2 35.3 52.9#

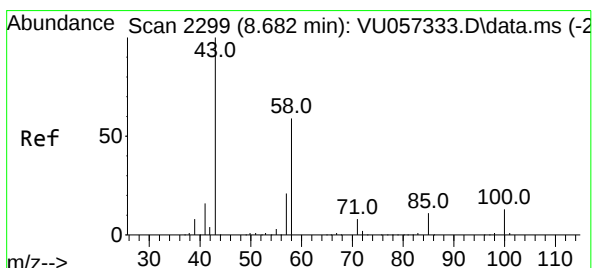
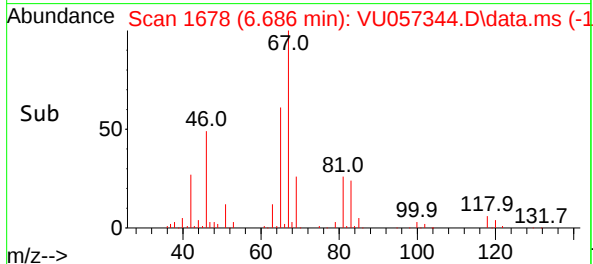
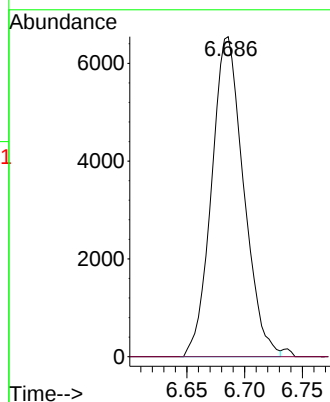
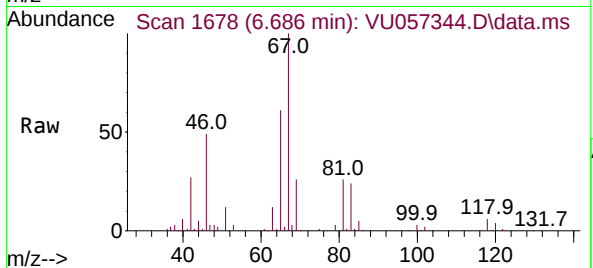




#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.686 min Scan# 11
Delta R.T. -0.099 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35

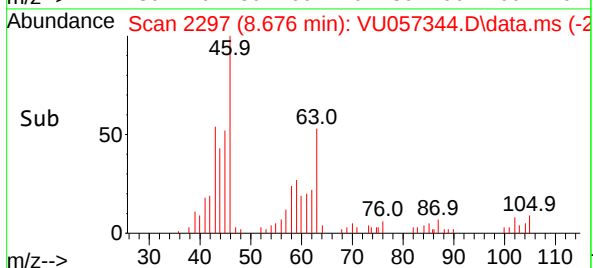
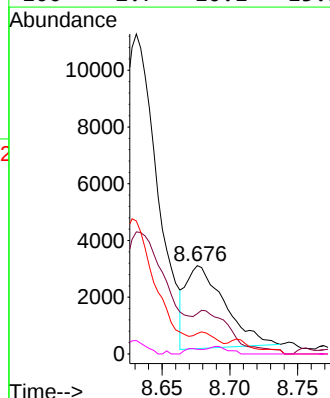
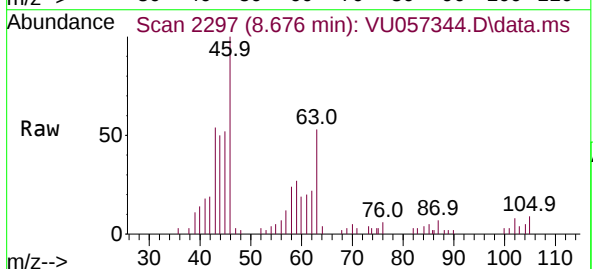
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ClientSampleId :

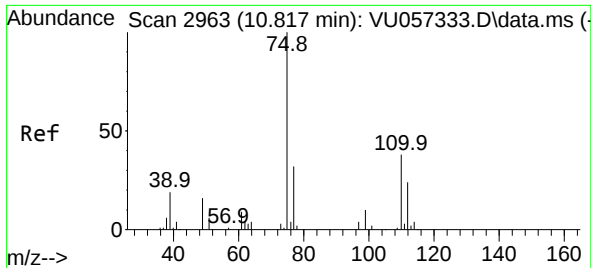
Tgt Ion: 63 Resp: 12619
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



#48
2-Hexanone
Concen: 0.813 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VU057344.D
Acq: 28 Dec 2023 19:35

Tgt Ion: 43 Resp: 5820
Ion Ratio Lower Upper
43 100
58 47.2 48.4 72.6#
57 14.2 17.4 26.2#
100 2.7 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.240 ug/L

RT: 11.808 min Scan# 31

Delta R.T. 0.991 min

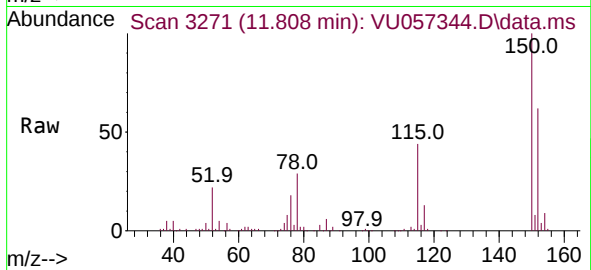
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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 11646

Ion Ratio Lower Upper

75 100

110 1.0 29.0 43.6#

77 32.2 25.4 38.2

